

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042622\
 Data File : VN072201.D
 Acq On : 26 Apr 2022 16:01
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/27/2022
 Supervised By : Mahesh Dadoda 04/27/2022

Quant Time: Apr 26 16:54:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 16:51:57 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.086	168	294732	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	502339	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	453275	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	168524	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	87752	24.671	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	49.340%#		
35) Dibromofluoromethane	8.016	113	62235	20.855	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	41.700%#		
50) Toluene-d8	10.439	98	248979	20.458	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	40.920%#		
62) 4-Bromofluorobenzene	12.727	95	79142	20.014	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	40.020%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.075	85	62887	25.599	ug/l	99
3) Chloromethane	2.299	50	72092	23.358	ug/l	99
4) Vinyl Chloride	2.446	62	58986	18.462	ug/l	95
5) Bromomethane	2.851	94	33285	16.659	ug/l	98
6) Chloroethane	3.016	64	36456	15.904	ug/l	98
7) Trichlorofluoromethane	3.375	101	102852	23.903	ug/l	100
8) Diethyl Ether	3.828	74	39206	21.864	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.216	101	56636	21.867	ug/l	95
10) Methyl Iodide	4.422	142	68101	19.252	ug/l #	88
11) Tert butyl alcohol	5.363	59	66605	116.560	ug/l	100
12) 1,1-Dichloroethene	4.187	96	49988	20.305	ug/l	91
13) Acrolein	4.040	56	68628	103.710	ug/l	98
14) Allyl chloride	4.840	41	105795	25.222	ug/l	93
15) Acrylonitrile	5.551	53	210780	126.178	ug/l	98
16) Acetone	4.281	43	179500	119.110	ug/l	95
17) Carbon Disulfide	4.534	76	120005	20.989	ug/l #	94
18) Methyl Acetate	4.851	43	103102	22.449	ug/l #	89
19) Methyl tert-butyl Ether	5.610	73	207769	22.439	ug/l	98
20) Methylene Chloride	5.093	84	67360	21.837	ug/l	87
21) trans-1,2-Dichloroethene	5.598	96	55980	20.731	ug/l	92
22) Diisopropyl ether	6.492	45	229814	25.565	ug/l	96
23) Vinyl Acetate	6.428	43	978064	135.778	ug/l	94
24) 1,1-Dichloroethane	6.387	63	123762	23.715	ug/l	99
25) 2-Butanone	7.328	43	286994	130.097	ug/l	92
26) 2,2-Dichloropropane	7.322	77	97977	22.223	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	69954	21.219	ug/l	91
28) Bromochloromethane	7.657	49	56136	25.333	ug/l #	79
29) Tetrahydrofuran	7.681	42	195535	136.765	ug/l	88
30) Chloroform	7.816	83	125037	23.016	ug/l	96
31) Cyclohexane	8.092	56	108797	22.858	ug/l	86
32) 1,1,1-Trichloroethane	8.016	97	106670	22.809	ug/l	98
36) 1,1-Dichloropropene	8.222	75	88012	21.081	ug/l	94
37) Ethyl Acetate	7.410	43	124747	26.598	ug/l	95
38) Carbon Tetrachloride	8.204	117	89015	21.647	ug/l	92
39) Methylcyclohexane	9.457	83	97035	19.762	ug/l	90
40) Benzene	8.457	78	270001	20.573	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042622\
 Data File : VN072201.D
 Acq On : 26 Apr 2022 16:01
 Operator : JC\MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/27/2022
 Supervised By : Mahesh Dadoda 04/27/2022

Quant Time: Apr 26 16:54:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 16:51:57 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	51946	22.103	ug/l	94
42) 1,2-Dichloroethane	8.528	62	101230	21.898	ug/l	97
43) Isopropyl Acetate	8.557	43	177573	22.775	ug/l	94
44) Trichloroethene	9.216	130	60464	18.311	ug/l	94
45) 1,2-Dichloropropane	9.486	63	71440	21.507	ug/l	99
46) Dibromomethane	9.575	93	46377	20.841	ug/l	91
47) Bromodichloromethane	9.757	83	97935	22.151	ug/l	98
48) Methyl methacrylate	9.557	41	76253	23.223	ug/l	94
49) 1,4-Dioxane	9.563	88	28160	352.210	ug/l	93
51) 4-Methyl-2-Pentanone	10.327	43	573643	126.650	ug/l	94
52) Toluene	10.498	92	167555	20.288	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	96698	20.940	ug/l	94
54) cis-1,3-Dichloropropene	10.186	75	108279	21.301	ug/l #	91
55) 1,1,2-Trichloroethane	10.892	97	67904	20.011	ug/l	95
56) Ethyl methacrylate	10.757	69	106214	21.619	ug/l	91
57) 1,3-Dichloropropane	11.039	76	121111	21.150	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	128135	112.688	ug/l	92
59) 2-Hexanone	11.080	43	403761	126.476	ug/l	92
60) Dibromochloromethane	11.233	129	70412	21.205	ug/l	98
61) 1,2-Dibromoethane	11.339	107	67767	20.324	ug/l	99
64) Tetrachloroethene	10.974	164	49712	16.996	ug/l	91
65) Chlorobenzene	11.769	112	170494	18.972	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.839	131	64721	19.793	ug/l	98
67) Ethyl Benzene	11.839	91	306514	19.965	ug/l	100
68) m/p-Xylenes	11.951	106	229426	39.197	ug/l	92
69) o-Xylene	12.280	106	111309	19.153	ug/l	91
70) Styrene	12.292	104	179156	20.351	ug/l	97
71) Bromoform	12.457	173	49298	20.081	ug/l #	100
73) Isopropylbenzene	12.574	105	290265	20.370	ug/l	99
74) N-amyl acetate	12.386	43	104526	24.638	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.821	83	106002	22.105	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	82137m	20.444	ug/l	
77) Bromobenzene	12.857	156	63323	18.037	ug/l	83
78) n-propylbenzene	12.916	91	317010	21.042	ug/l	97
79) 2-Chlorotoluene	13.004	91	207042	21.361	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	250705	22.046	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.621	75	27126	21.210	ug/l	91
82) 4-Chlorotoluene	13.098	91	193320	21.511	ug/l	93
83) tert-Butylbenzene	13.321	119	207940	20.179	ug/l	93
84) 1,2,4-Trimethylbenzene	13.363	105	242139	21.787	ug/l	96
85) sec-Butylbenzene	13.498	105	284136	21.239	ug/l	96
86) p-Isopropyltoluene	13.610	119	224405	21.079	ug/l	95
87) 1,3-Dichlorobenzene	13.610	146	107622	19.168	ug/l	97
88) 1,4-Dichlorobenzene	13.686	146	105214	19.210	ug/l	96
89) n-Butylbenzene	13.939	91	160740	20.194	ug/l	98
90) Hexachloroethane	14.204	117	44315	22.569	ug/l	87
91) 1,2-Dichlorobenzene	13.986	146	107419	19.444	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	19358	25.277	ug/l	77
93) 1,2,4-Trichlorobenzene	15.257	180	44276	20.636	ug/l	97
94) Hexachlorobutadiene	15.362	225	27657	17.301	ug/l	96
95) Naphthalene	15.504	128	120570	22.281	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	43817	21.930	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042622\
Data File : VN072201.D
Acq On : 26 Apr 2022 16:01
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

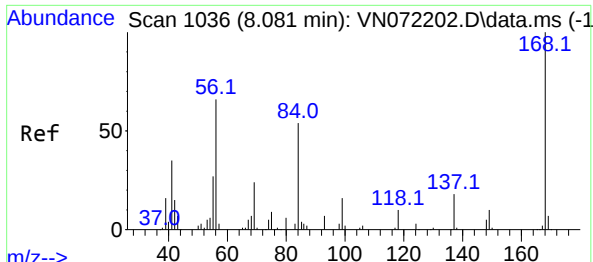
Manual Integrations
APPROVED

Reviewed By : John Carlone 04/27/2022
Supervised By : Mahesh Dadoda 04/27/2022

Quant Time: Apr 26 16:54:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 26 16:51:57 2022
Response via : Initial Calibration

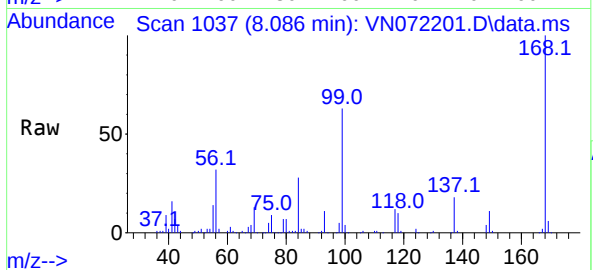
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

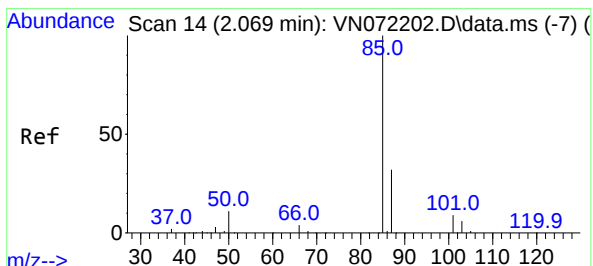
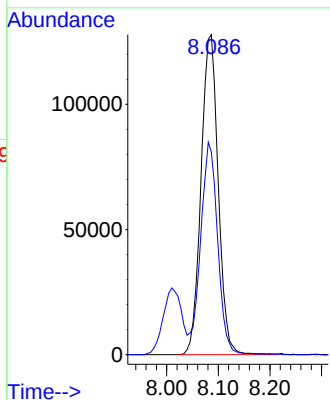
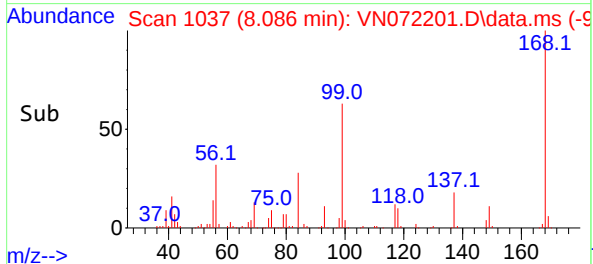
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:168 Resp: 294732
Ion Ratio Lower Upper
168 100
99 63.1 42.3 63.5

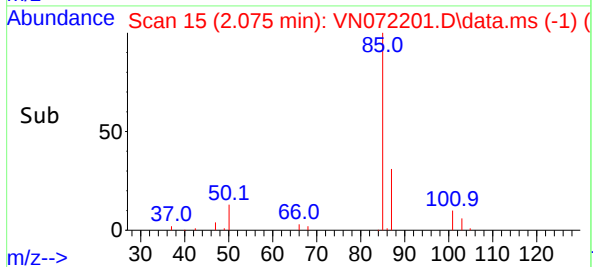
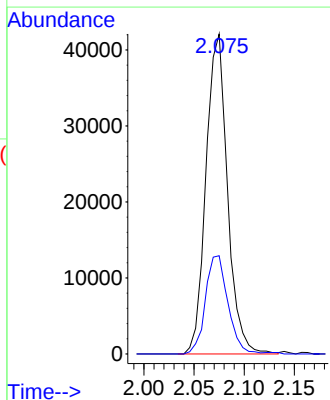
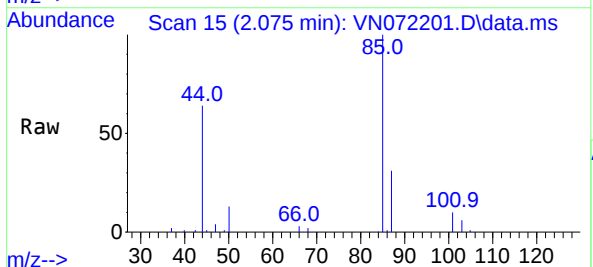
Manual Integrations
APPROVED

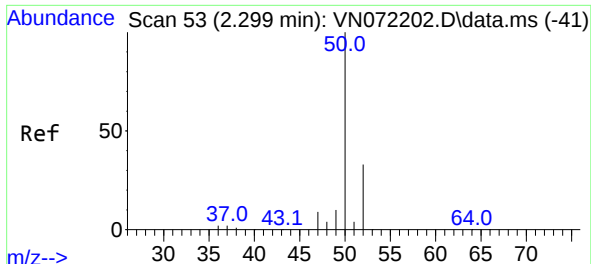
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#2
Dichlorodifluoromethane
Concen: 25.599 ug/l
RT: 2.075 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

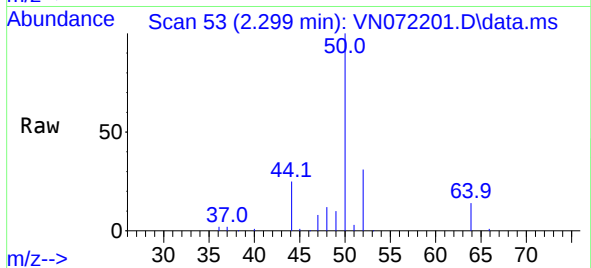
Tgt Ion: 85 Resp: 62887
Ion Ratio Lower Upper
85 100
87 30.7 15.7 47.1





#3
Chloromethane
Concen: 23.358 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

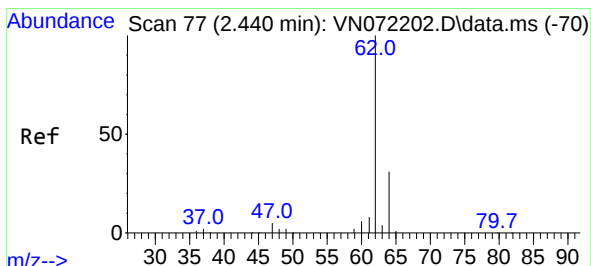
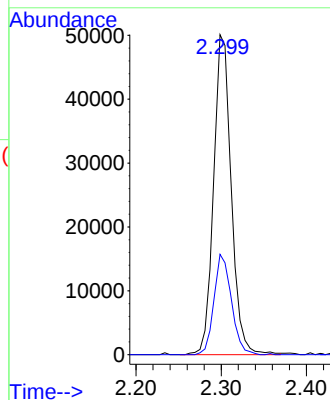
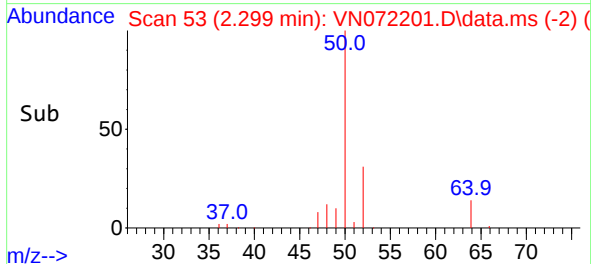
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



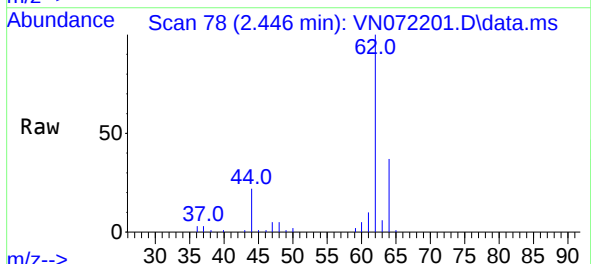
Tgt Ion: 50 Resp: 72092
Ion Ratio Lower Upper
50 100
52 31.4 25.7 38.5

Manual Integrations
APPROVED

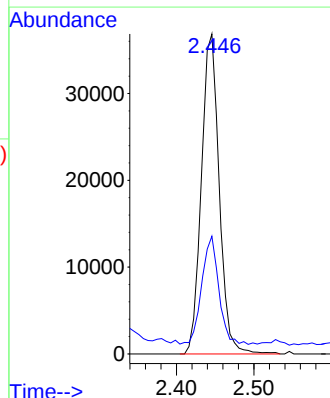
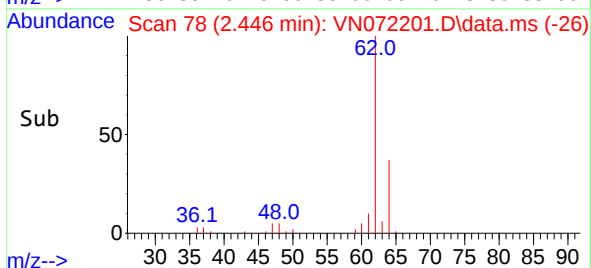
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

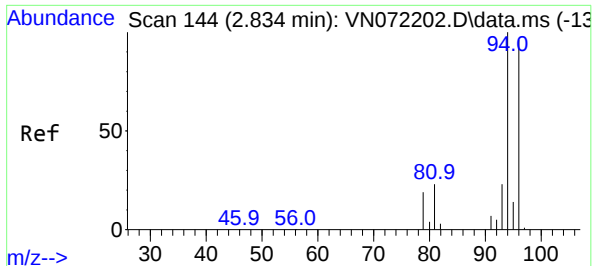


#4
Vinyl Chloride
Concen: 18.462 ug/l
RT: 2.446 min Scan# 78
Delta R.T. 0.006 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01



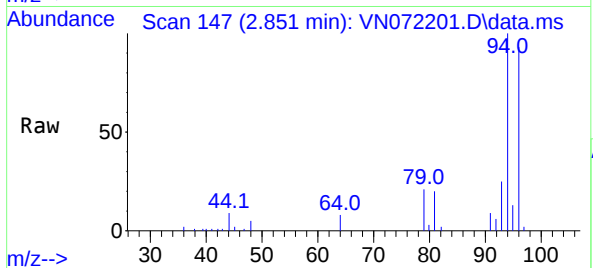
Tgt Ion: 62 Resp: 58986
Ion Ratio Lower Upper
62 100
64 33.7 25.0 37.4





#5
Bromomethane
Concen: 16.659 ug/l
RT: 2.851 min Scan# 144
Delta R.T. 0.017 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

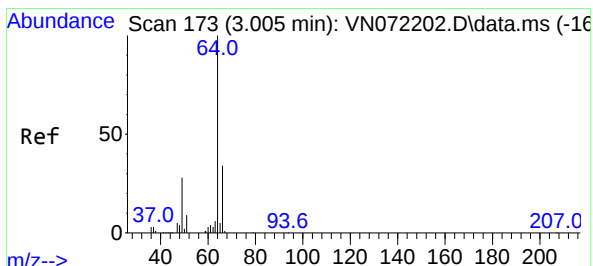
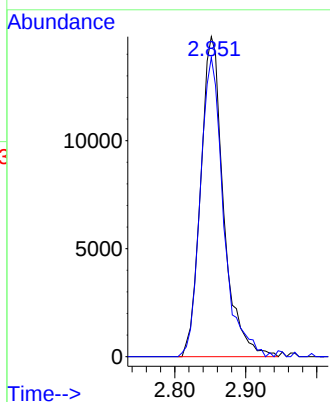
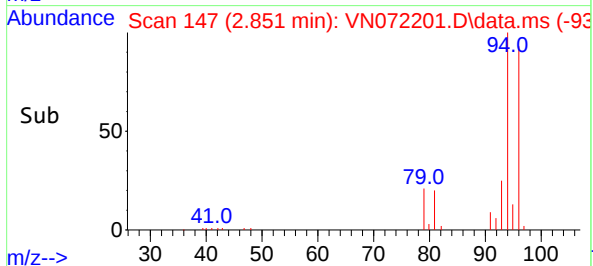
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



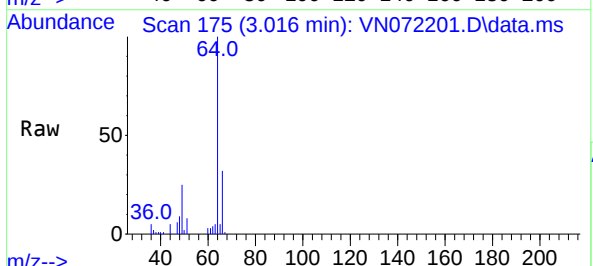
Tgt Ion: 94 Resp: 33285
Ion Ratio Lower Upper
94 100
96 93.5 76.0 114.0

Manual Integrations
APPROVED

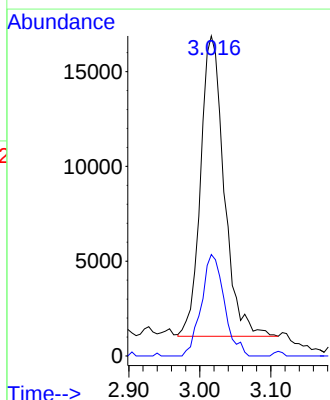
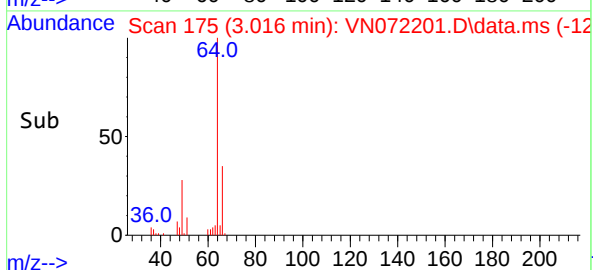
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



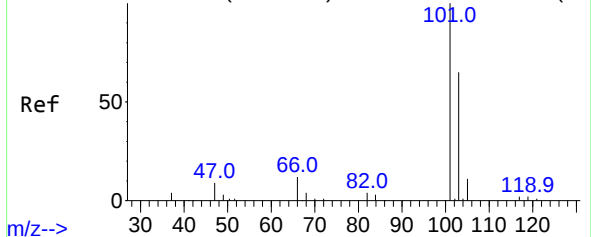
#6
Chloroethane
Concen: 15.904 ug/l
RT: 3.016 min Scan# 175
Delta R.T. 0.012 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01



Tgt Ion: 64 Resp: 36456
Ion Ratio Lower Upper
64 100
66 33.8 26.2 39.4



Abundance Scan 235 (3.369 min): VN072202.D\data.ms (-22



#7

Trichlorofluoromethane

Concen: 23.903 ug/l

RT: 3.375 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN072201.D

Acq: 26 Apr 2022 16:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion:101 Resp: 10285

Ion Ratio Lower Upper

101 100

103 64.1 51.5 77.3

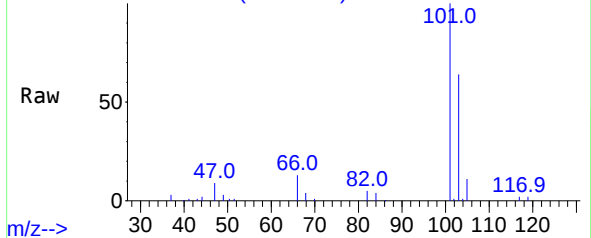
Manual Integrations

APPROVED

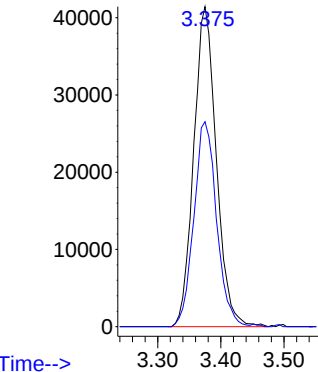
Reviewed By :John Carlone 04/27/2022

Supervised By :Mahesh Dadoda 04/27/2022

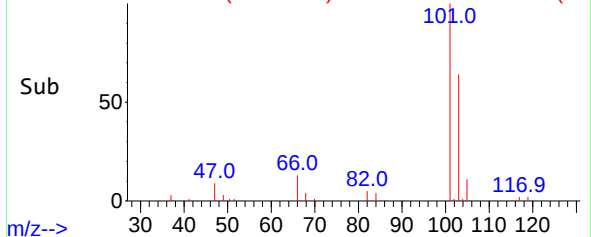
Abundance Scan 236 (3.375 min): VN072201.D\data.ms



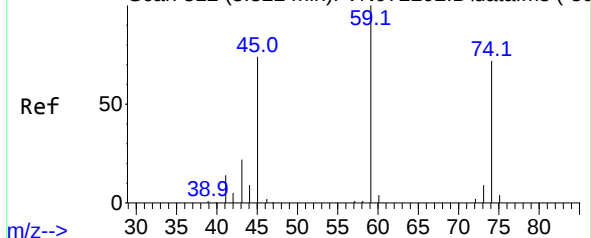
Abundance



Abundance Scan 236 (3.375 min): VN072201.D\data.ms (-18



Abundance Scan 312 (3.822 min): VN072202.D\data.ms (-30



#8

Diethyl Ether

Concen: 21.864 ug/l

RT: 3.828 min Scan# 313

Delta R.T. 0.006 min

Lab File: VN072201.D

Acq: 26 Apr 2022 16:01

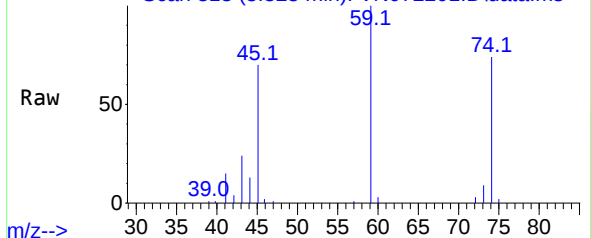
Tgt Ion: 74 Resp: 39206

Ion Ratio Lower Upper

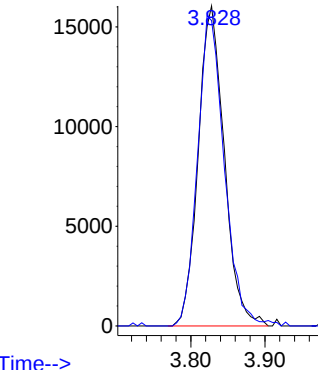
74 100

45 99.2 42.9 128.5

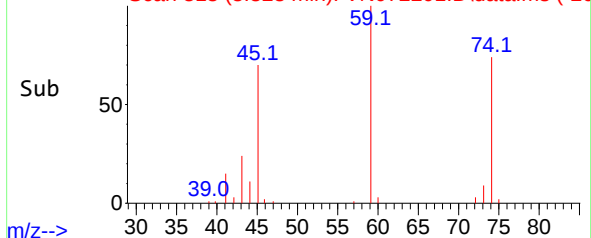
Abundance Scan 313 (3.828 min): VN072201.D\data.ms

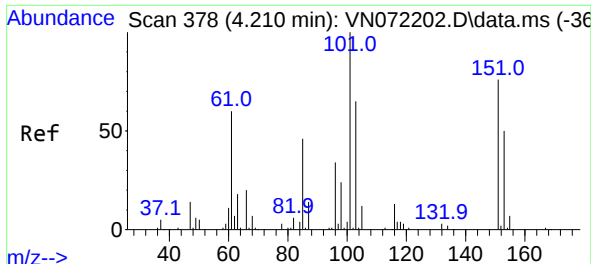


Abundance



Abundance Scan 313 (3.828 min): VN072201.D\data.ms (-26





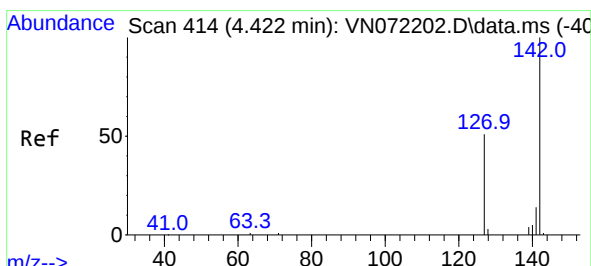
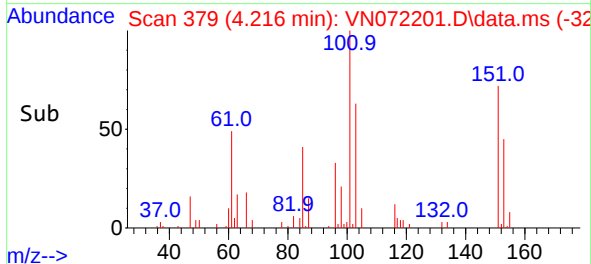
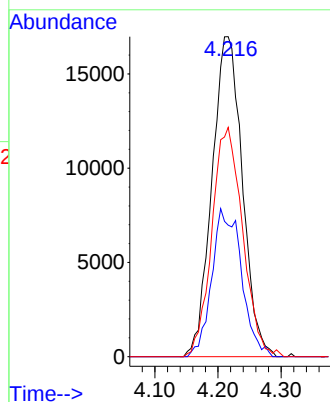
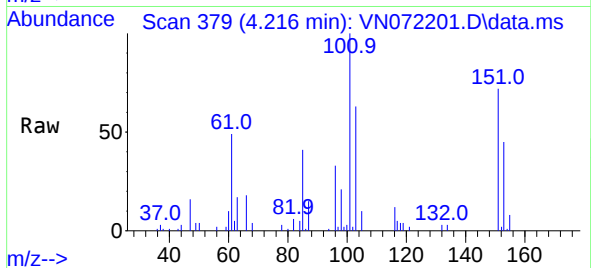
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.867 ug/l
RT: 4.216 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 56630
Ion Ratio Lower Upper
101 100
85 45.0 34.7 52.1
151 72.6 63.0 94.4

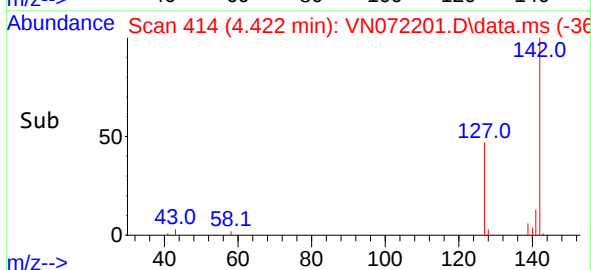
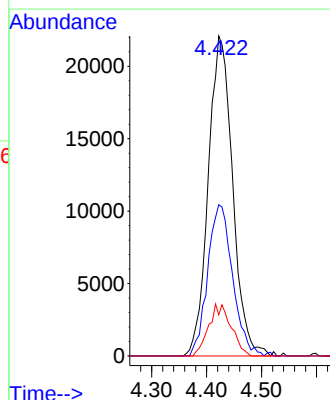
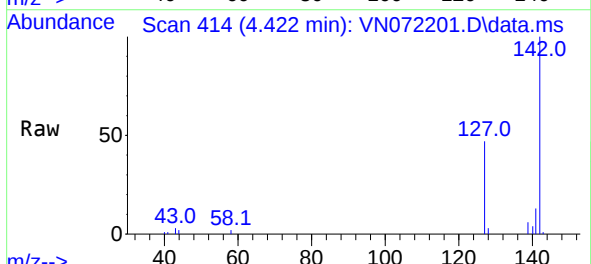
Manual Integrations
APPROVED

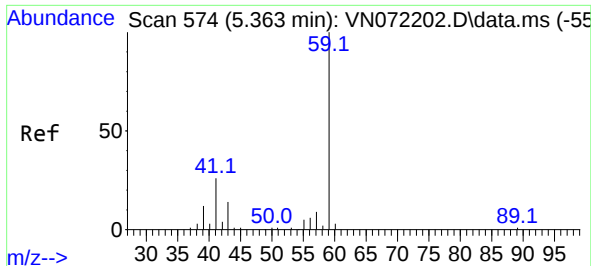
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#10
Methyl Iodide
Concen: 19.252 ug/l
RT: 4.422 min Scan# 414
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

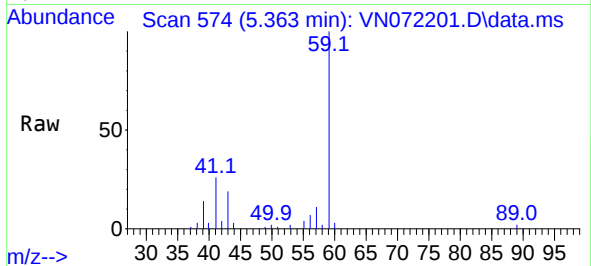
Tgt Ion:142 Resp: 68101
Ion Ratio Lower Upper
142 100
127 48.1 31.3 46.9#
141 15.0 11.2 16.8





#11
Tert butyl alcohol
Concen: 116.560 ug/l
RT: 5.363 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

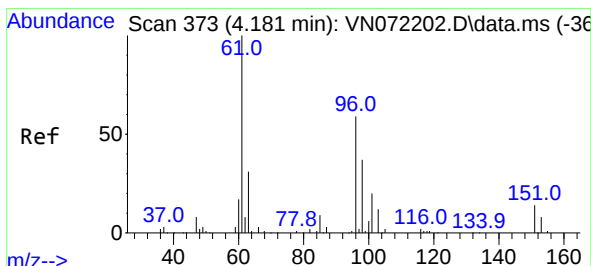
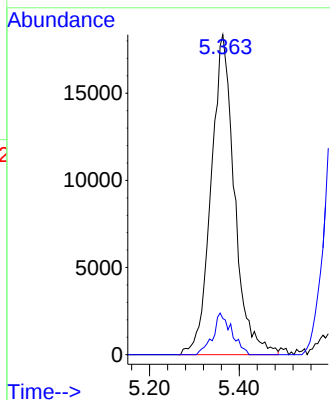
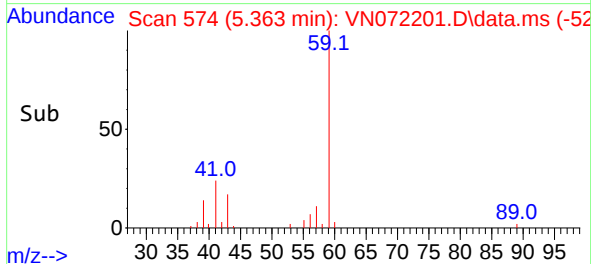
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



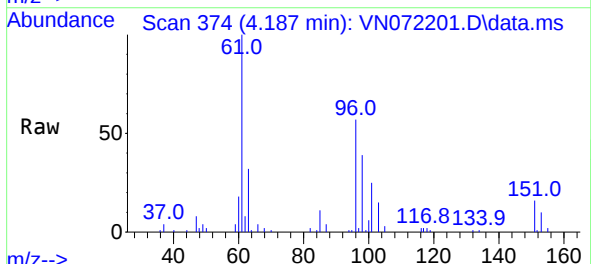
Tgt Ion: 59 Resp: 6660
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5

Manual Integrations
APPROVED

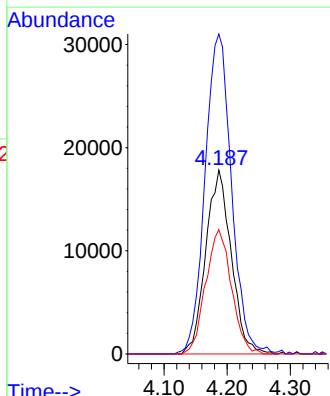
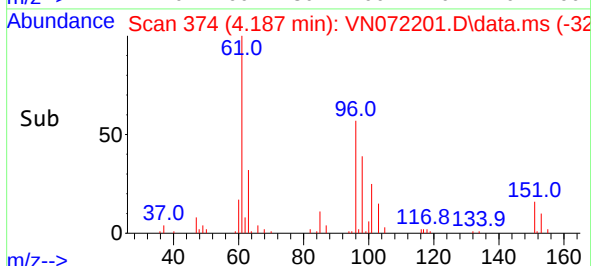
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

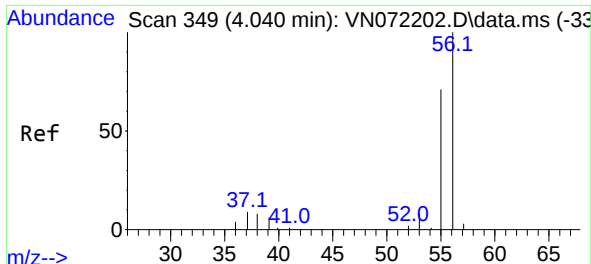


#12
1,1-Dichloroethene
Concen: 20.305 ug/l
RT: 4.187 min Scan# 374
Delta R.T. 0.006 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01



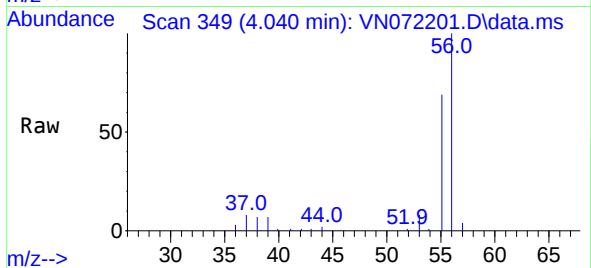
Tgt Ion: 96 Resp: 49988
Ion Ratio Lower Upper
96 100
61 173.2 127.6 191.4
98 67.7 51.2 76.8





#13
Acrolein
Concen: 103.710 ug/l
RT: 4.040 min Scan# 349
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

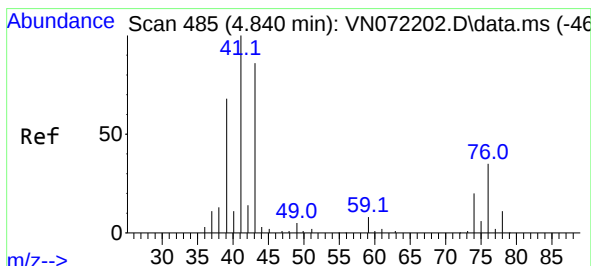
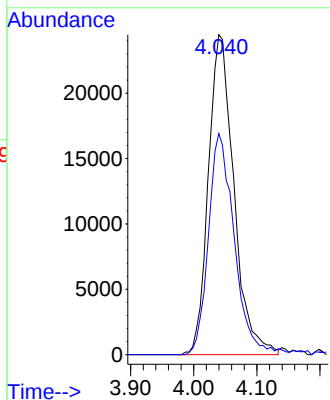
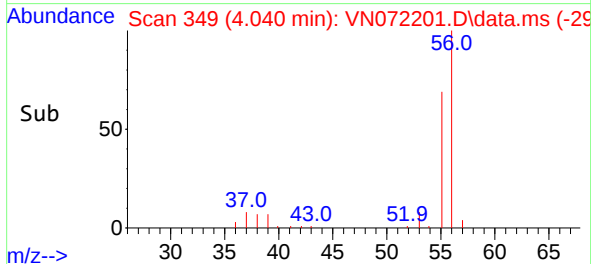
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



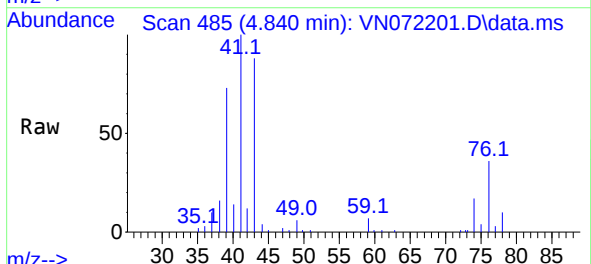
Tgt Ion: 56 Resp: 68628
Ion Ratio Lower Upper
56 100
55 70.0 54.8 82.2

Manual Integrations
APPROVED

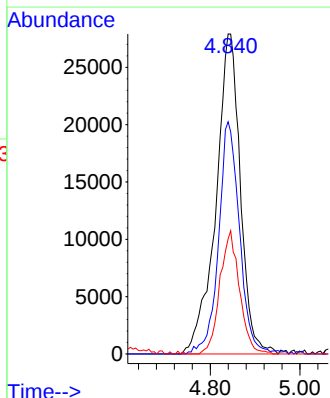
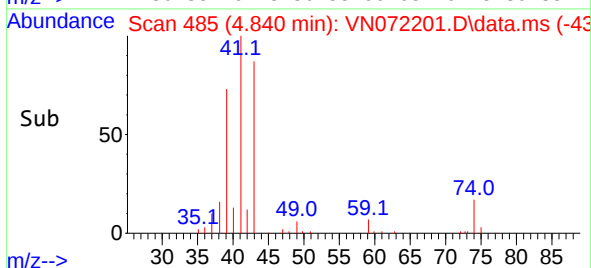
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

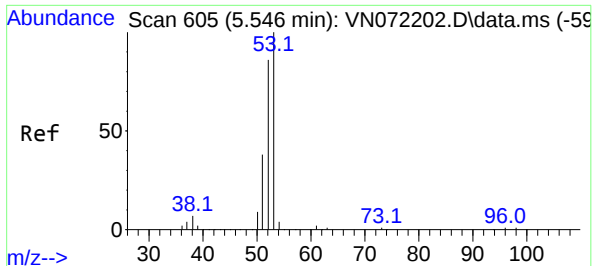


#14
Allyl chloride
Concen: 25.222 ug/l
RT: 4.840 min Scan# 485
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01



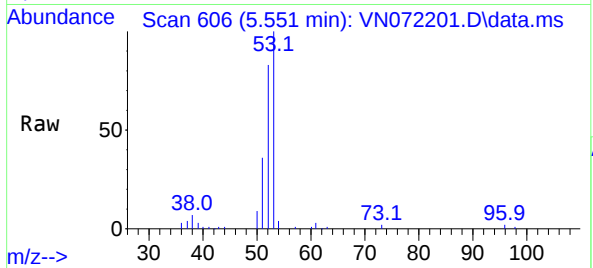
Tgt Ion: 41 Resp: 105795
Ion Ratio Lower Upper
41 100
39 62.1 53.2 79.8
76 31.0 29.9 44.9





#15
Acrylonitrile
Concen: 126.178 ug/l
RT: 5.551 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

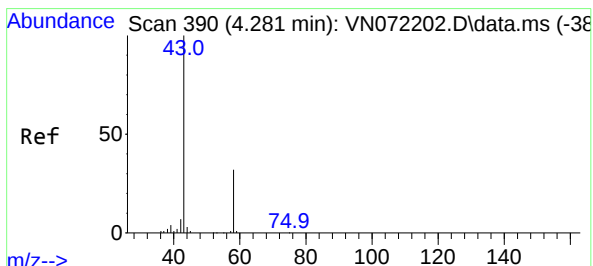
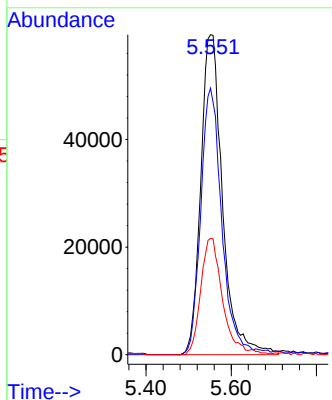
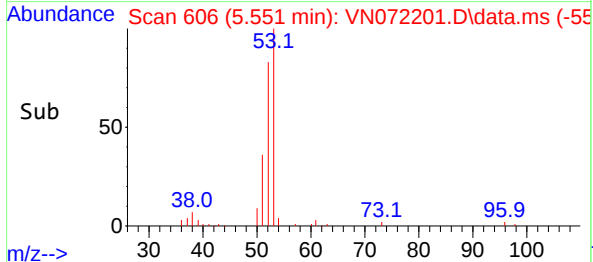
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 53 Resp: 210780
Ion Ratio Lower Upper
53 100
52 80.9 66.4 99.6
51 35.8 28.5 42.7

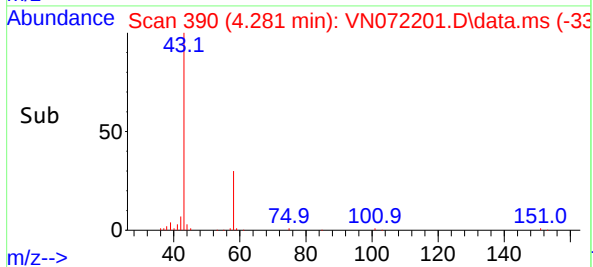
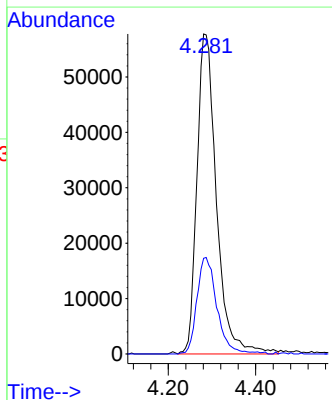
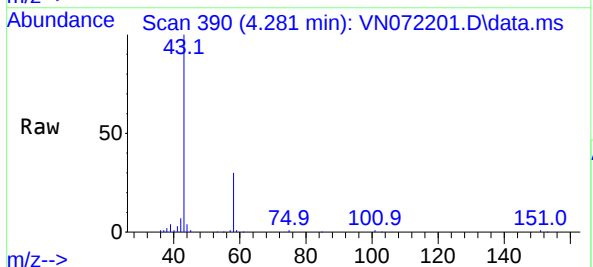
Manual Integrations
APPROVED

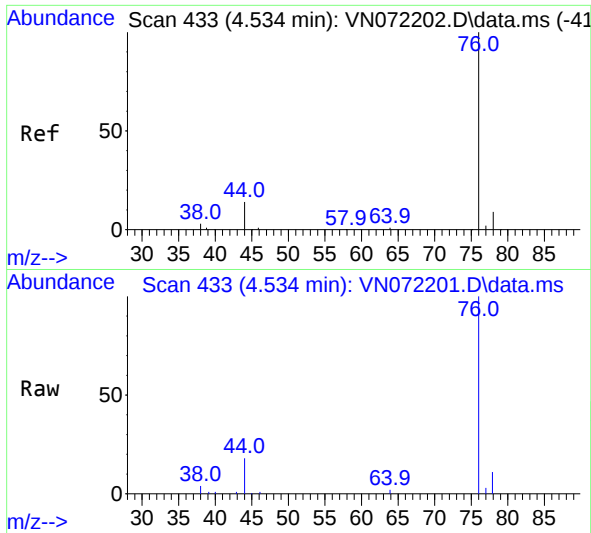
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#16
Acetone
Concen: 119.110 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

Tgt Ion: 43 Resp: 179500
Ion Ratio Lower Upper
43 100
58 29.9 26.0 39.0





#17

Carbon Disulfide

Concen: 20.989 ug/l

RT: 4.534 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN072201.D

Acq: 26 Apr 2022 16:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 76 Resp: 12000

Ion Ratio Lower Upper

76 100

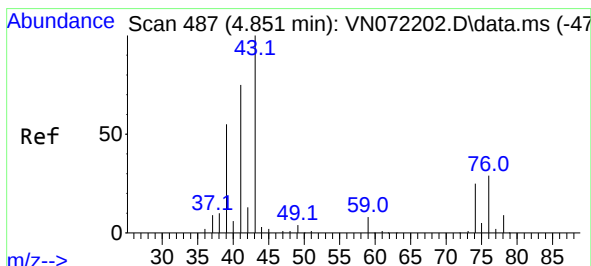
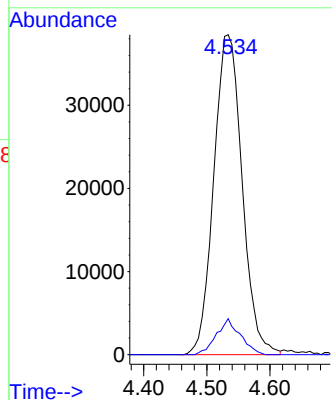
78 11.2 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/27/2022

Supervised By :Mahesh Dadoda 04/27/2022



#18

Methyl Acetate

Concen: 22.449 ug/l

RT: 4.851 min Scan# 487

Delta R.T. -0.000 min

Lab File: VN072201.D

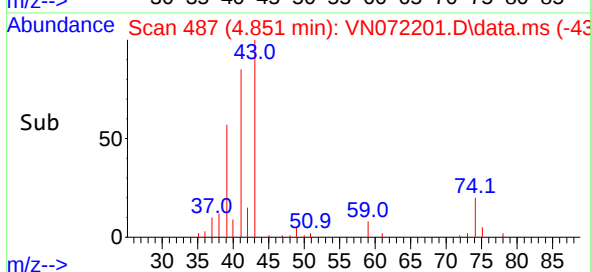
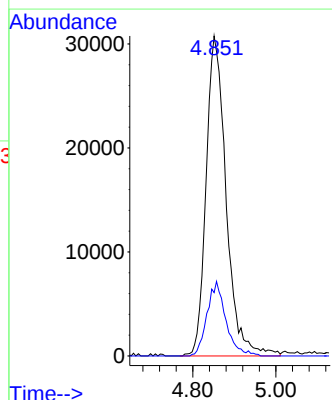
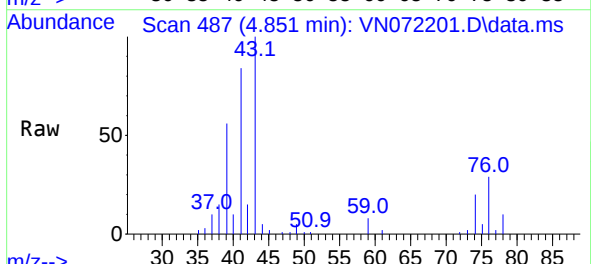
Acq: 26 Apr 2022 16:01

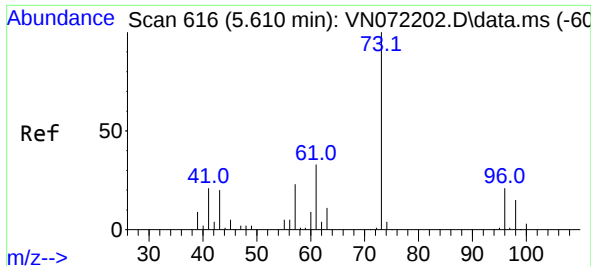
Tgt Ion: 43 Resp: 103102

Ion Ratio Lower Upper

43 100

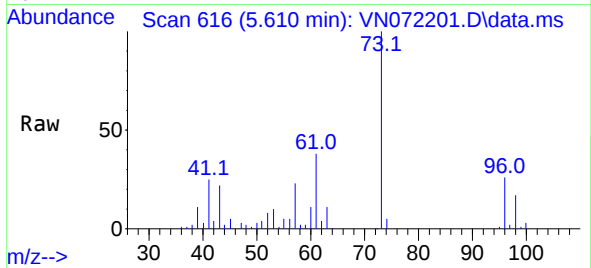
74 21.4 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 22.439 ug/l
RT: 5.610 min Scan# 616
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

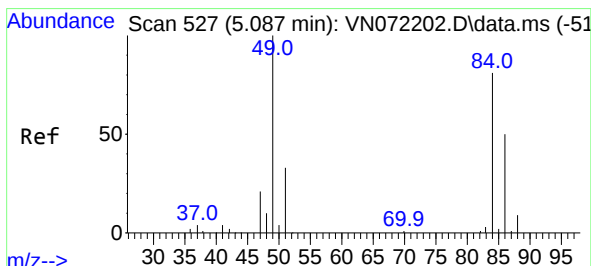
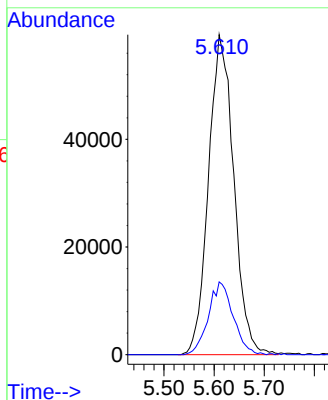
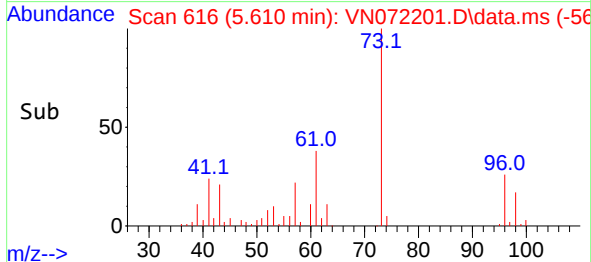
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



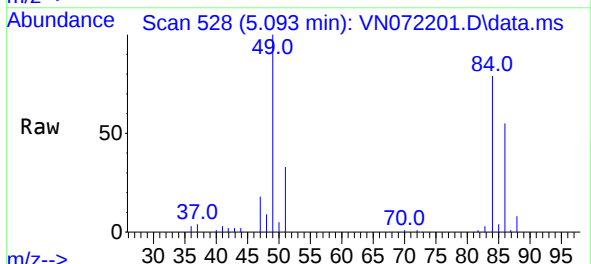
Tgt Ion: 73 Resp: 207769
Ion Ratio Lower Upper
73 100
57 22.7 17.6 26.4

Manual Integrations
APPROVED

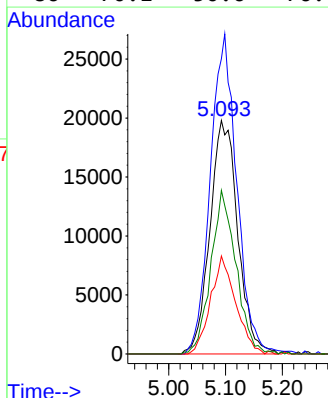
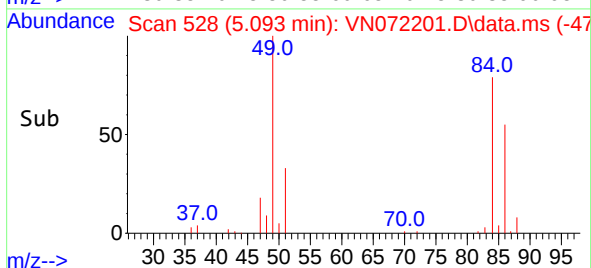
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

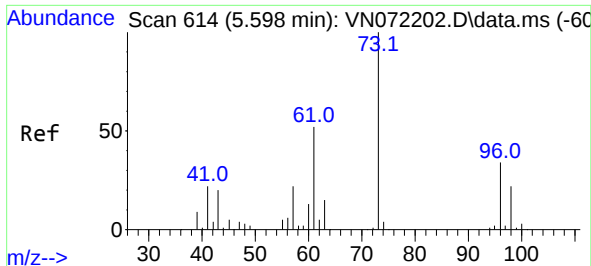


#20
Methylene Chloride
Concen: 21.837 ug/l
RT: 5.093 min Scan# 528
Delta R.T. 0.006 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01



Tgt Ion: 84 Resp: 67360
Ion Ratio Lower Upper
84 100
49 126.4 88.3 132.5
51 41.9 28.2 42.2
86 70.1 50.6 76.0





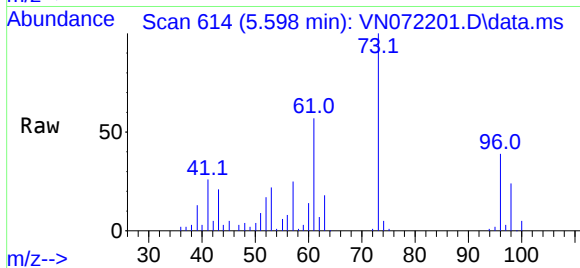
#21
trans-1,2-Dichloroethene
Concen: 20.731 ug/l
RT: 5.598 min Scan# 614
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

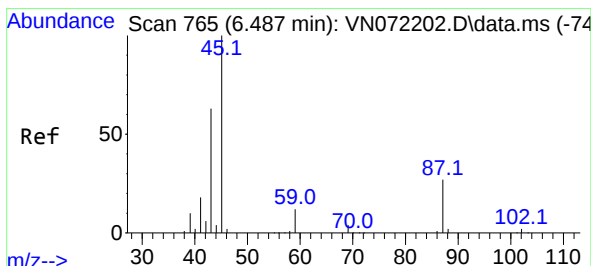
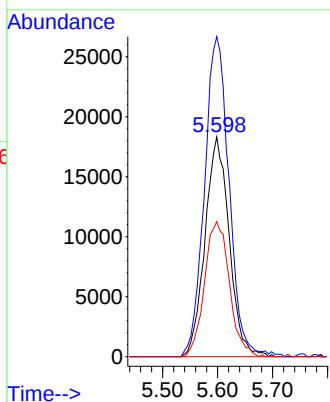
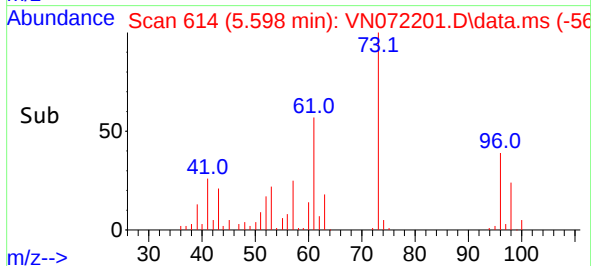


Tgt Ion: 96 Resp: 55980
Ion Ratio Lower Upper
96 100
61 145.5 105.8 158.8
98 61.4 50.3 75.5

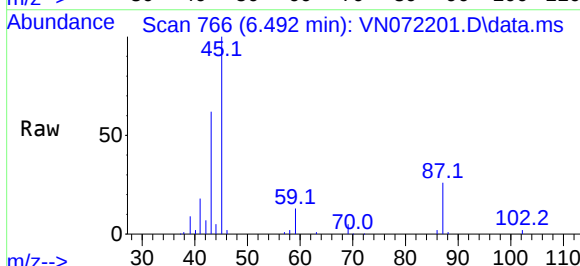
Manual Integrations

APPROVED

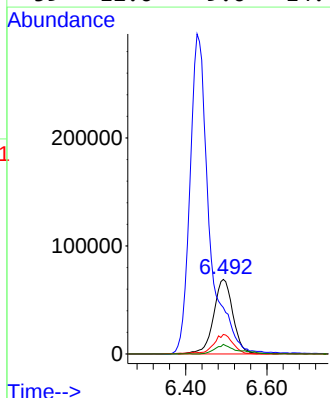
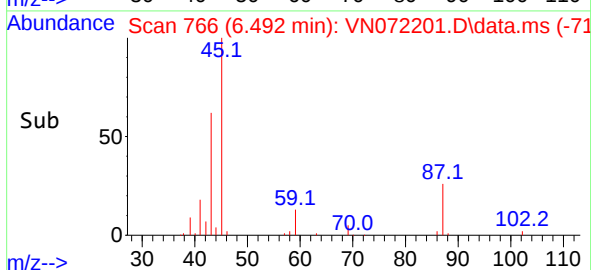
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

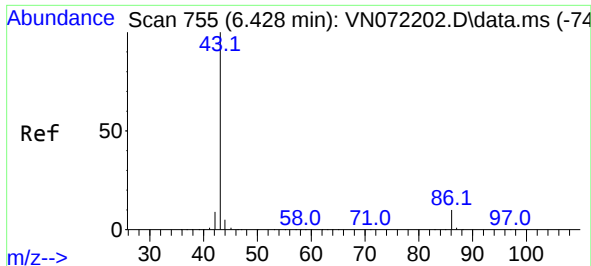


#22
Diisopropyl ether
Concen: 25.565 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.006 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01



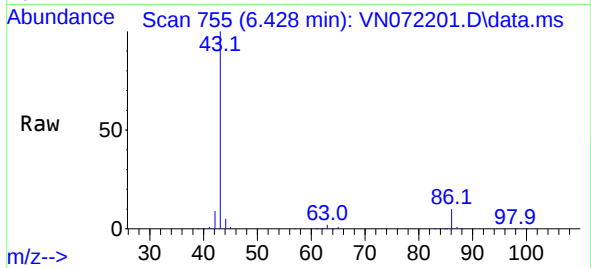
Tgt Ion: 45 Resp: 229814
Ion Ratio Lower Upper
45 100
43 60.5 46.6 70.0
87 26.2 24.3 36.5
59 12.6 9.6 14.4





#23
 Vinyl Acetate
 Concen: 135.778 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. -0.000 min
 Lab File: VN072201.D
 Acq: 26 Apr 2022 16:01

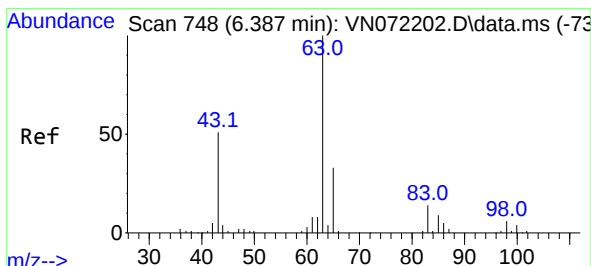
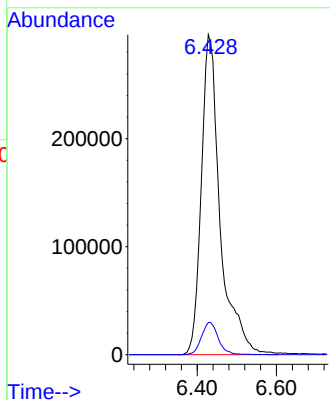
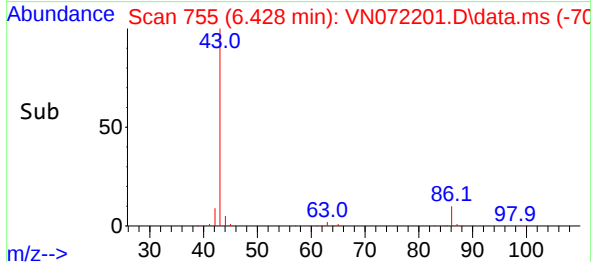
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



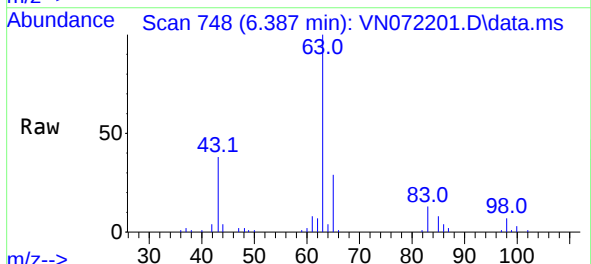
Tgt Ion: 43 Resp: 978064
 Ion Ratio Lower Upper
 43 100
 86 10.0 10.0 15.0

Manual Integrations
 APPROVED

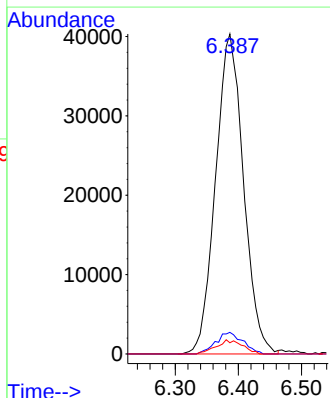
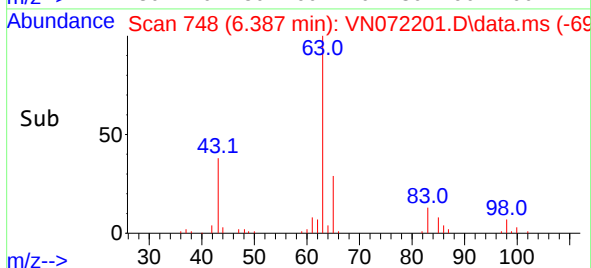
Reviewed By :John Carlone 04/27/2022
 Supervised By :Mahesh Dadoda 04/27/2022

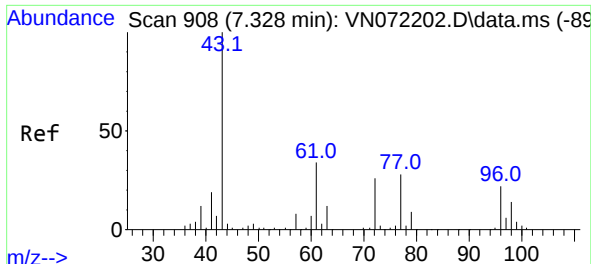


#24
 1,1-Dichloroethane
 Concen: 23.715 ug/l
 RT: 6.387 min Scan# 748
 Delta R.T. -0.000 min
 Lab File: VN072201.D
 Acq: 26 Apr 2022 16:01



Tgt Ion: 63 Resp: 123762
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.5 10.4
 100 3.5 2.3 6.8





#25

2-Butanone

Concen: 130.097 ug/l

RT: 7.328 min Scan# 908

Delta R.T. -0.000 min

Lab File: VN072201.D

Acq: 26 Apr 2022 16:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 43 Resp: 286994

Ion Ratio Lower Upper

43 100

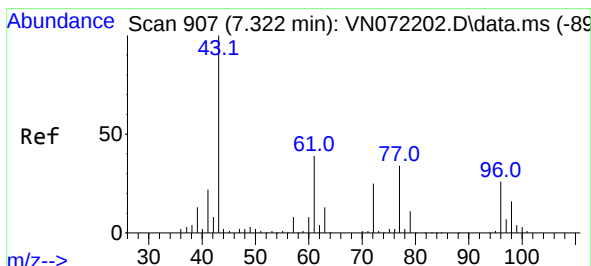
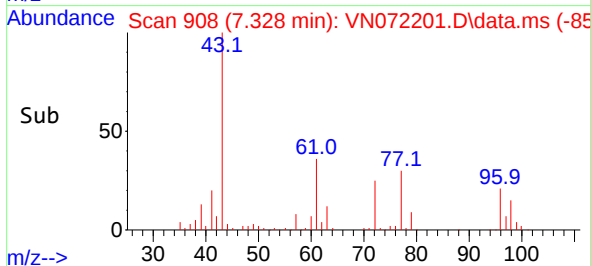
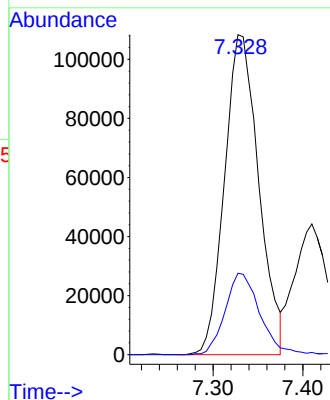
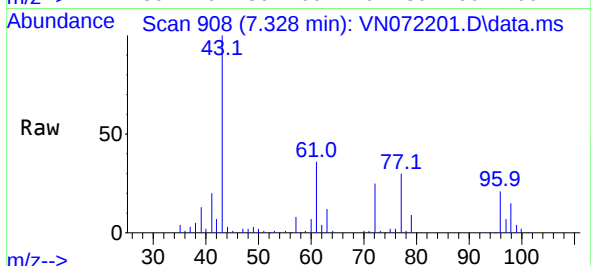
72 25.4 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/27/2022

Supervised By :Mahesh Dadoda 04/27/2022



#26

2,2-Dichloropropane

Concen: 22.223 ug/l

RT: 7.322 min Scan# 907

Delta R.T. -0.000 min

Lab File: VN072201.D

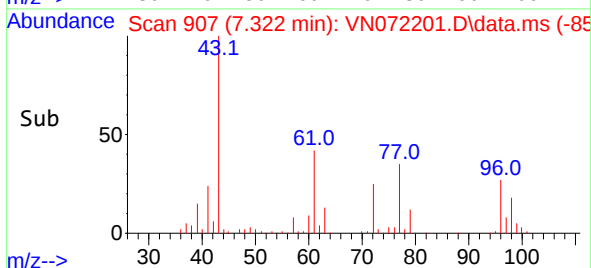
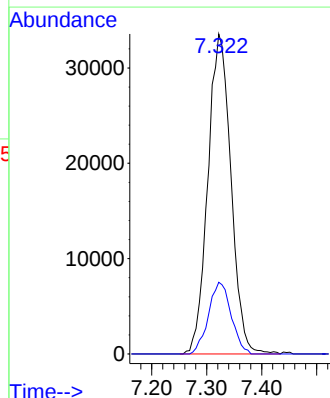
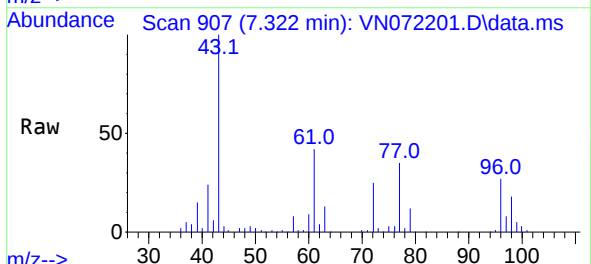
Acq: 26 Apr 2022 16:01

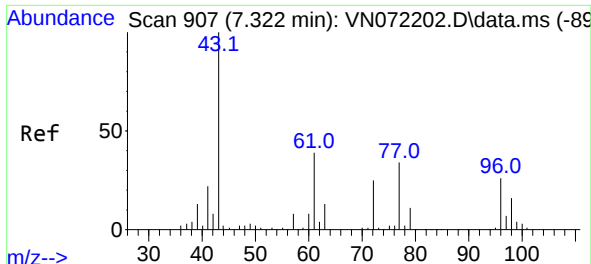
Tgt Ion: 77 Resp: 97977

Ion Ratio Lower Upper

77 100

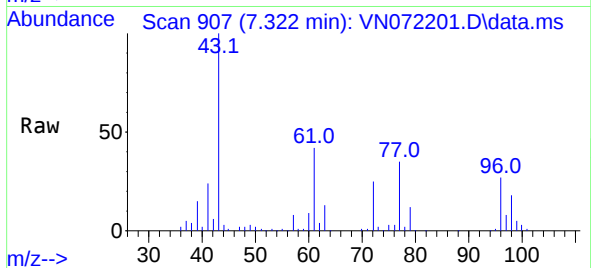
97 22.0 11.4 34.2





#27
cis-1,2-Dichloroethene
Concen: 21.219 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

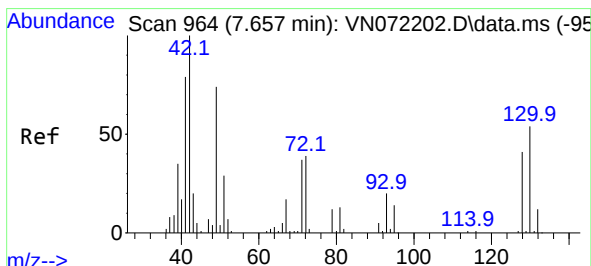
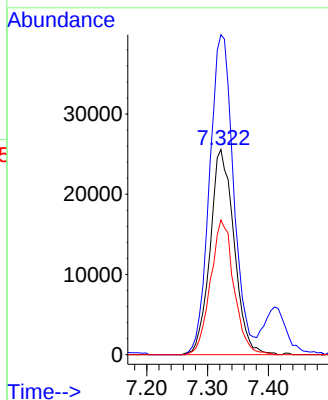
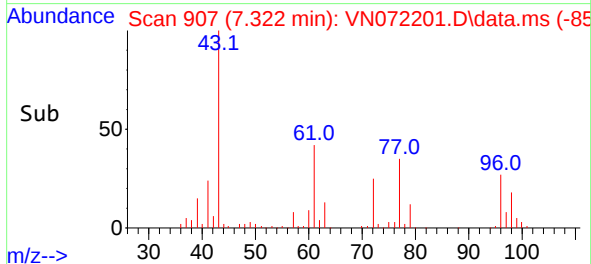
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



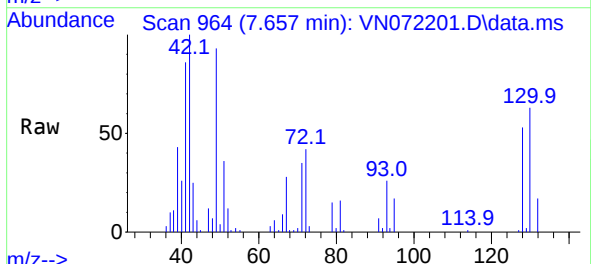
Tgt Ion: 96 Resp: 69954
Ion Ratio Lower Upper
96 100
61 156.7 0.0 280.6
98 64.0 0.0 128.4

Manual Integrations
APPROVED

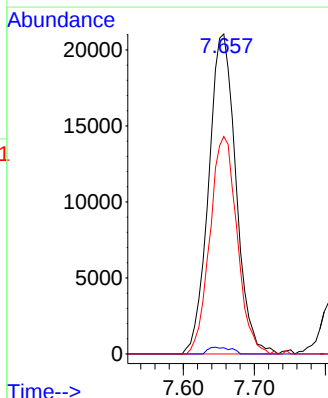
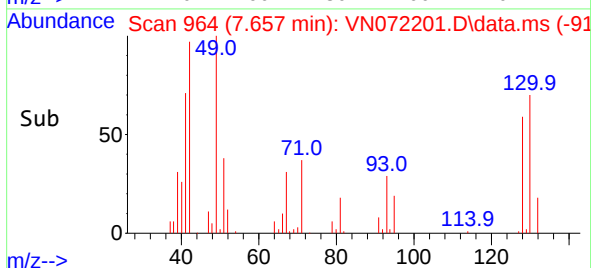
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

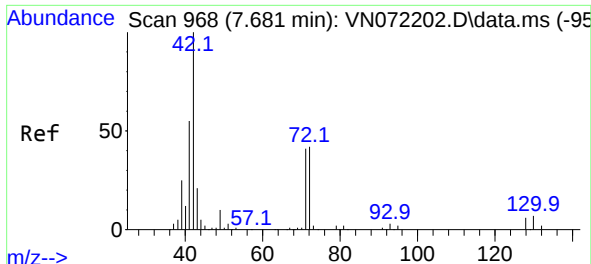


#28
Bromochloromethane
Concen: 25.333 ug/l
RT: 7.657 min Scan# 964
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01



Tgt Ion: 49 Resp: 56136
Ion Ratio Lower Upper
49 100
129 1.8 0.0 4.6
130 67.6 69.7 104.5#





#29

Tetrahydrofuran

Concen: 136.765 ug/l

RT: 7.681 min Scan# 90

Delta R.T. -0.000 min

Lab File: VN072201.D

Acq: 26 Apr 2022 16:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 42 Resp: 19553

Ion Ratio Lower Upper

42 100

72 41.1 39.7 59.5

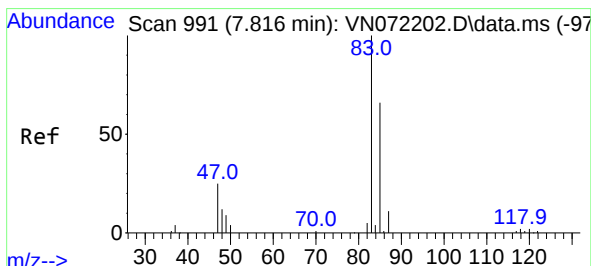
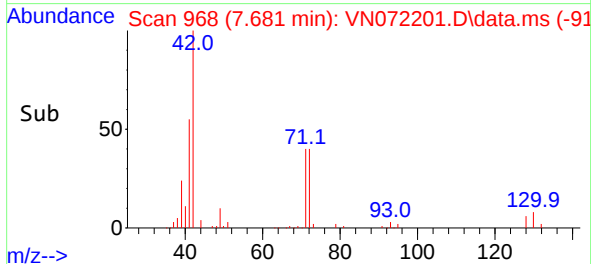
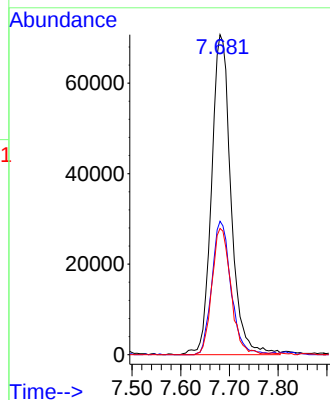
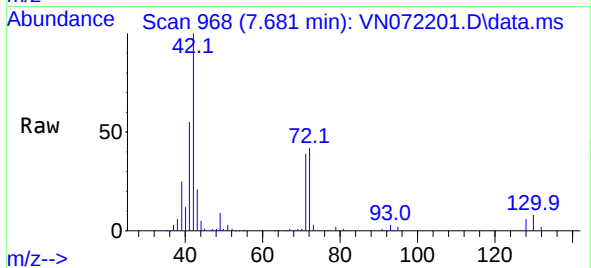
71 38.4 36.6 55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/27/2022

Supervised By :Mahesh Dadoda 04/27/2022



#30

Chloroform

Concen: 23.016 ug/l

RT: 7.816 min Scan# 991

Delta R.T. -0.000 min

Lab File: VN072201.D

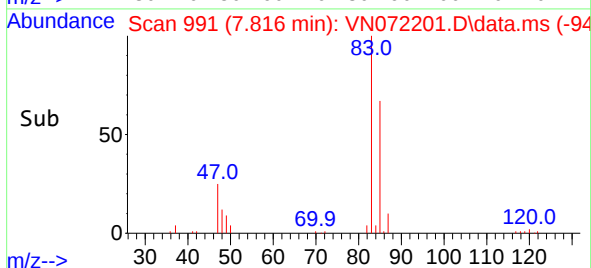
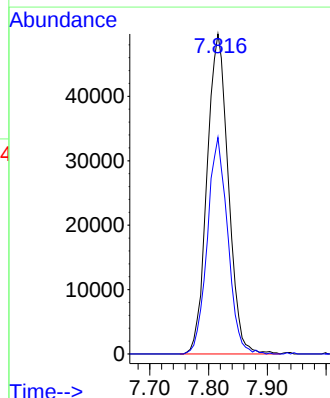
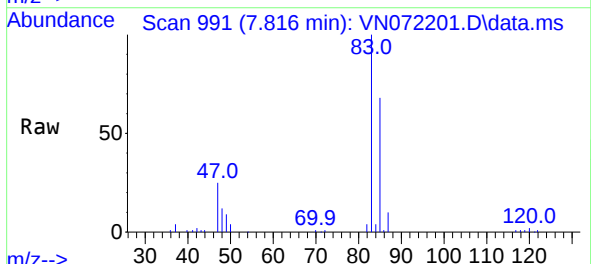
Acq: 26 Apr 2022 16:01

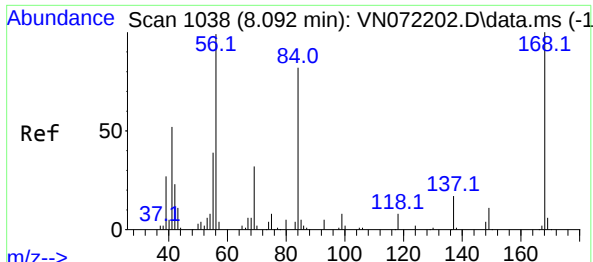
Tgt Ion: 83 Resp: 125037

Ion Ratio Lower Upper

83 100

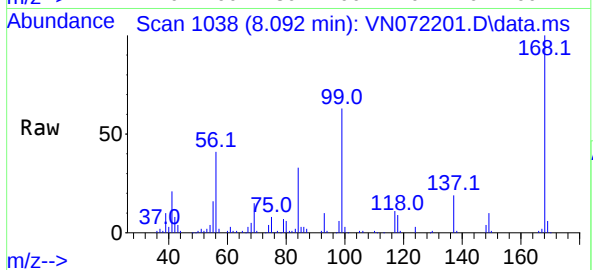
85 67.6 51.8 77.8





#31
Cyclohexane
Concen: 22.858 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

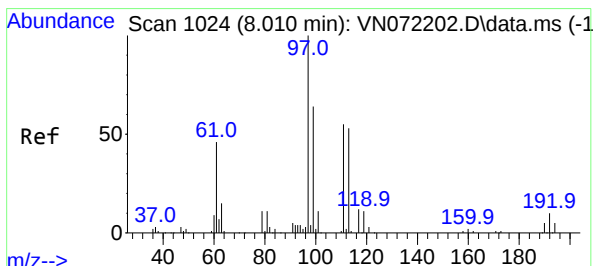
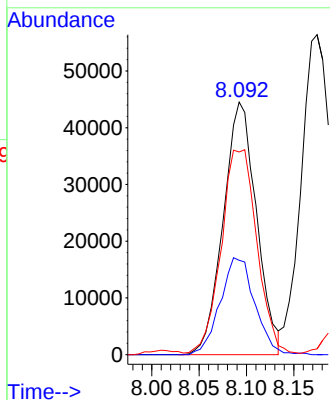
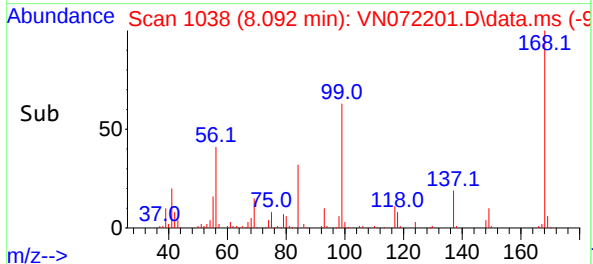
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



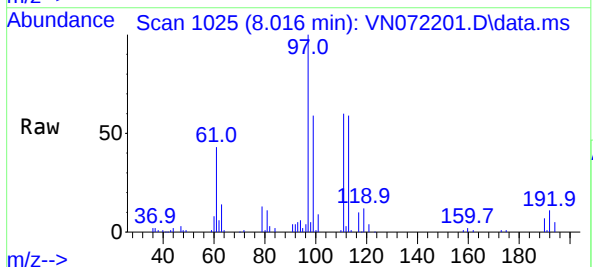
Tgt Ion: 56 Resp: 10879
Ion Ratio Lower Upper
56 100
69 37.3 27.8 41.8
84 78.9 76.9 115.3

Manual Integrations
APPROVED

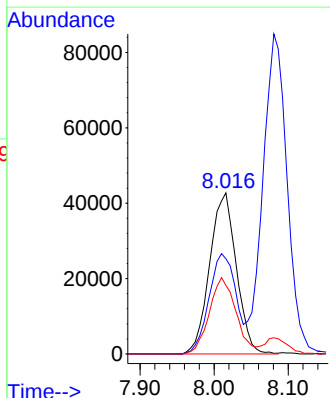
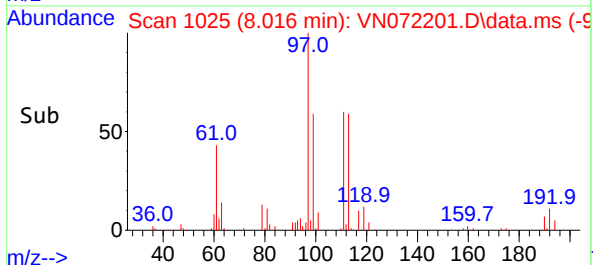
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

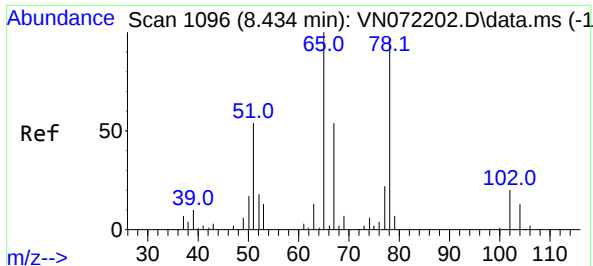


#32
1,1,1-Trichloroethane
Concen: 22.809 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. 0.006 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01



Tgt Ion: 97 Resp: 106670
Ion Ratio Lower Upper
97 100
99 62.4 50.6 76.0
61 47.5 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 24.671 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN072201.D

Acq: 26 Apr 2022 16:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 8775

Ion Ratio Lower Upper

65 100

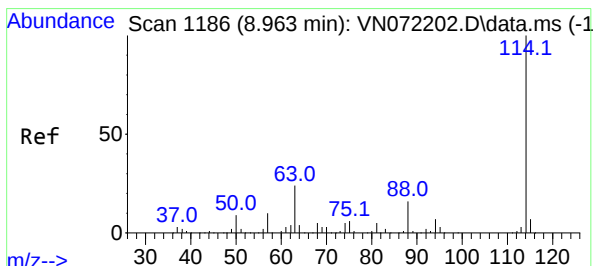
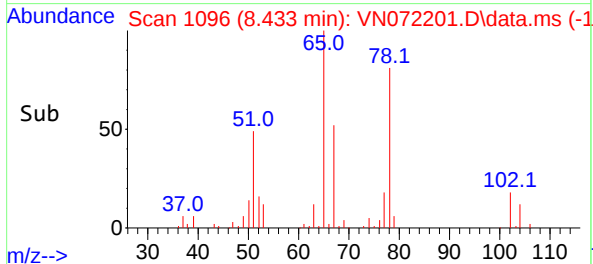
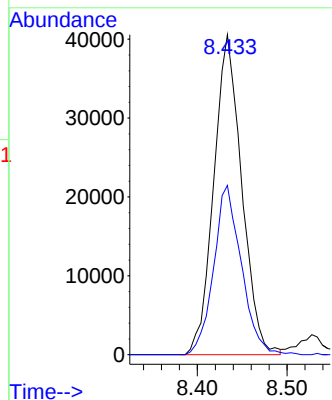
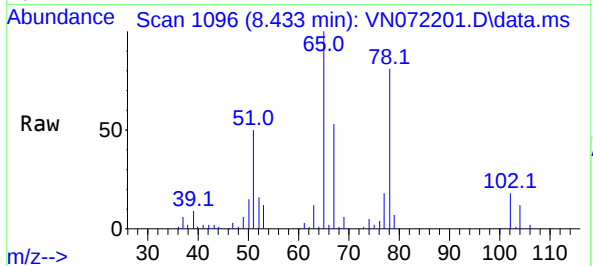
67 52.5 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/27/2022

Supervised By :Mahesh Dadoda 04/27/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072201.D

Acq: 26 Apr 2022 16:01

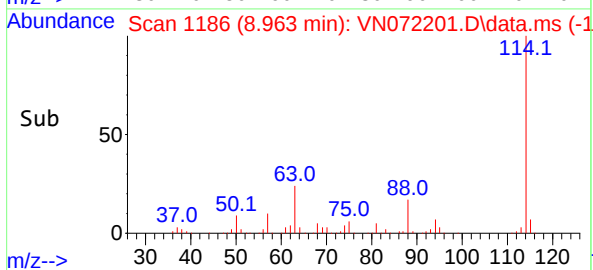
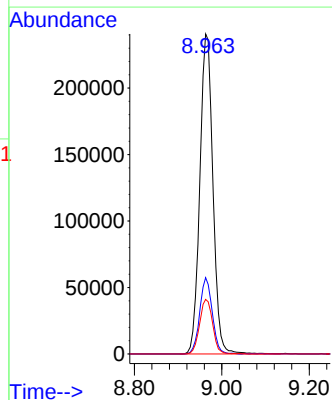
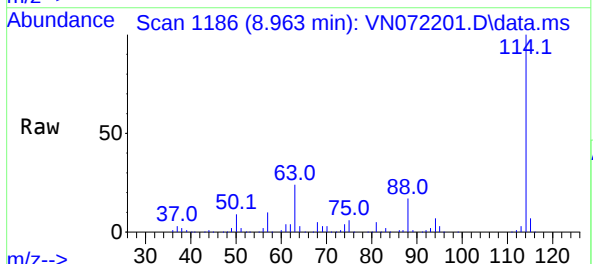
Tgt Ion:114 Resp: 502339

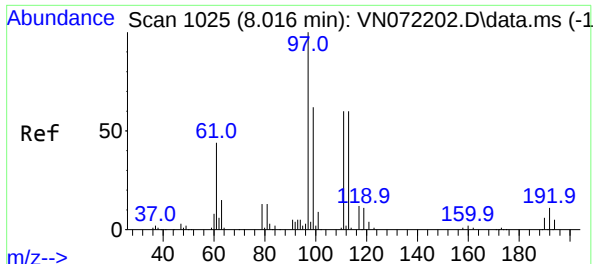
Ion Ratio Lower Upper

114 100

63 23.9 0.0 40.0

88 17.1 0.0 32.6





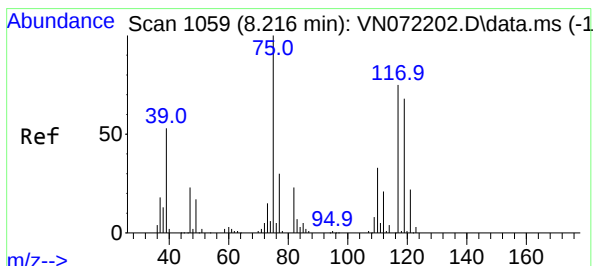
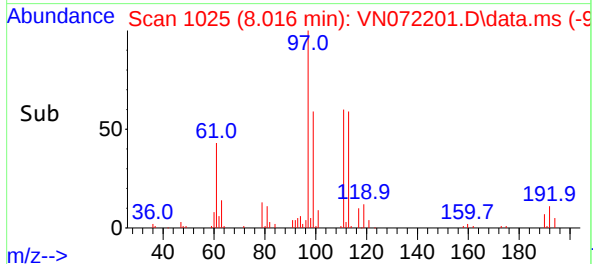
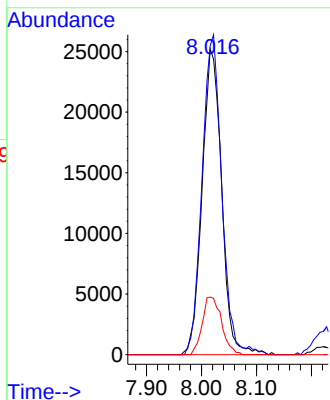
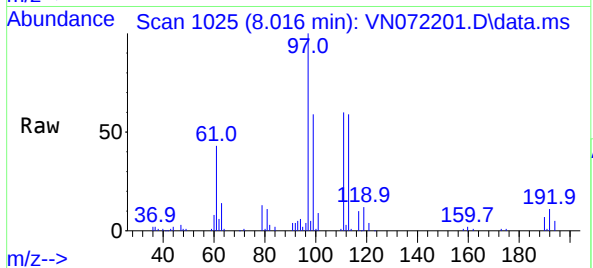
#35
Dibromofluoromethane
Concen: 20.855 ug/l
RT: 8.016 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 113 Resp: 6223
Ion Ratio Lower Upper
113 100
111 104.1 81.4 122.0
192 18.6 17.0 25.6

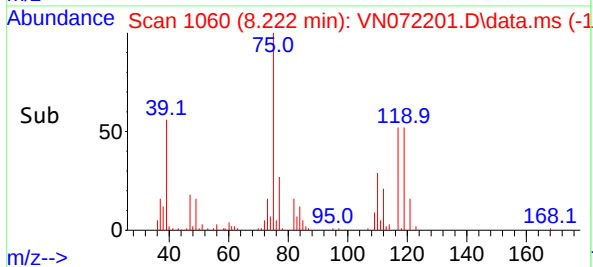
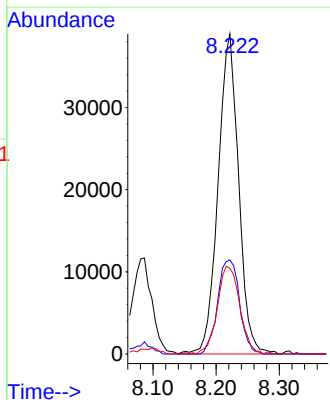
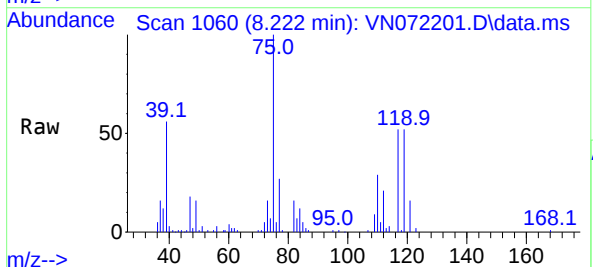
Manual Integrations
APPROVED

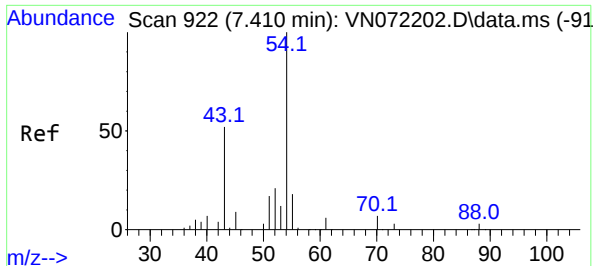
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#36
1,1-Dichloropropene
Concen: 21.081 ug/l
RT: 8.222 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

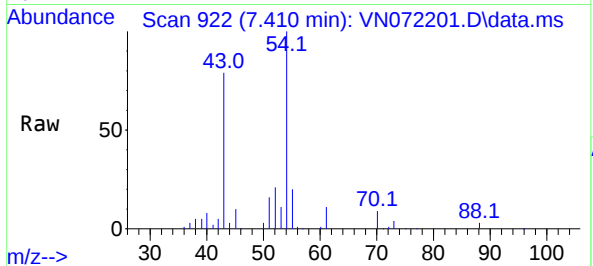
Tgt Ion: 75 Resp: 88012
Ion Ratio Lower Upper
75 100
110 31.4 18.3 54.8
77 30.0 25.1 37.7





#37
Ethyl Acetate
Concen: 26.598 ug/l
RT: 7.410 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

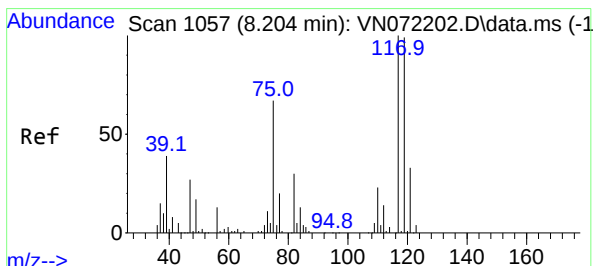
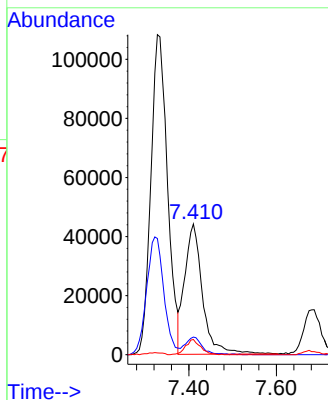
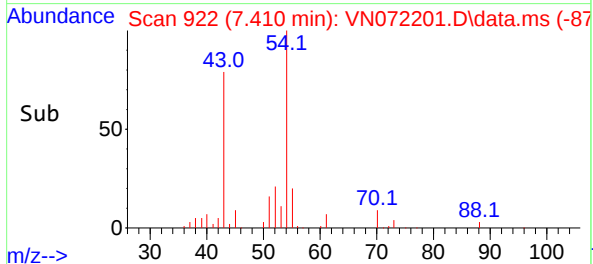
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 12474
Ion Ratio Lower Upper
43 100
61 12.4 11.8 17.6
70 9.7 9.3 13.9

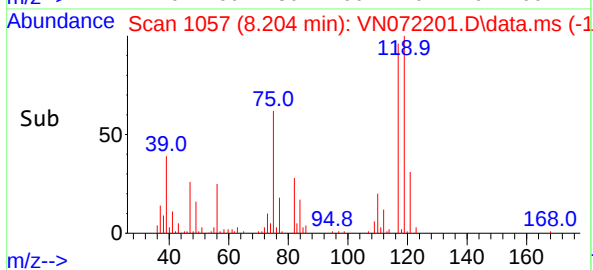
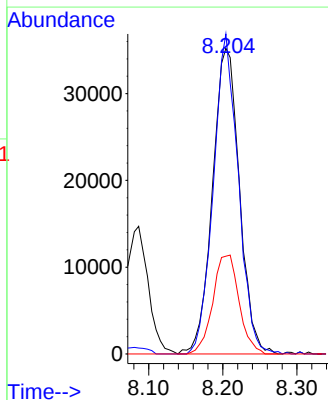
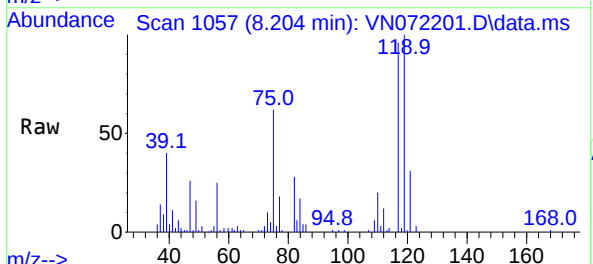
Manual Integrations
APPROVED

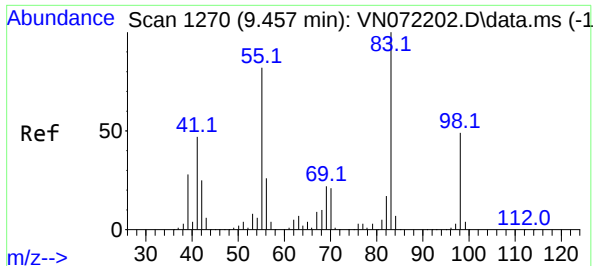
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#38
Carbon Tetrachloride
Concen: 21.647 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

Tgt Ion:117 Resp: 89015
Ion Ratio Lower Upper
117 100
119 104.7 75.8 113.8
121 32.0 24.6 37.0





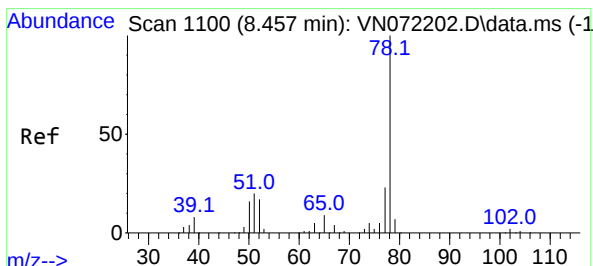
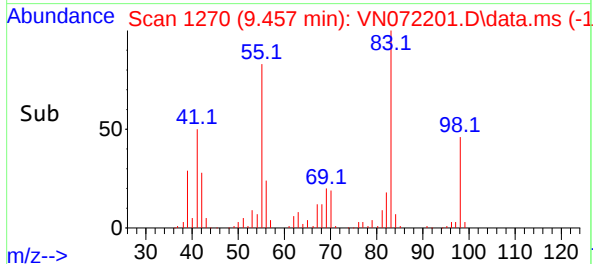
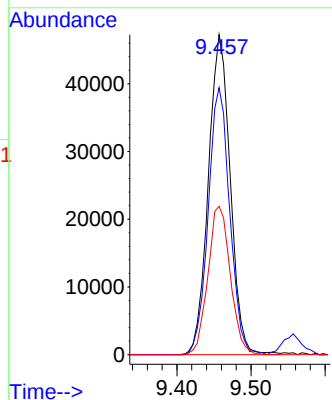
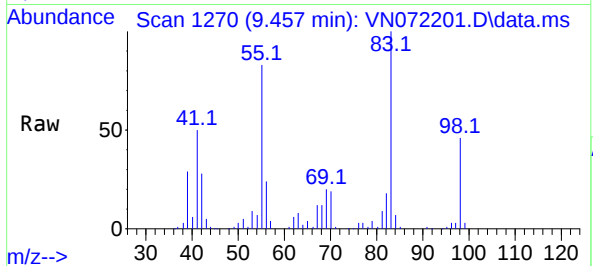
#39
Methylcyclohexane
Concen: 19.762 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 97035
Ion Ratio Lower Upper
83 100
55 83.4 57.8 86.8
98 46.3 39.4 59.2

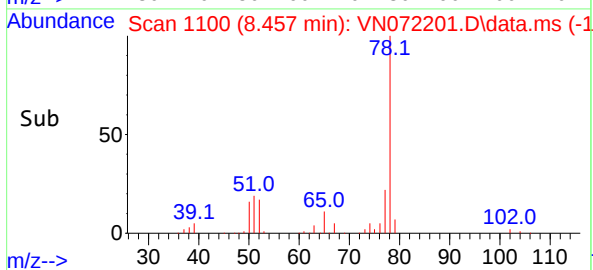
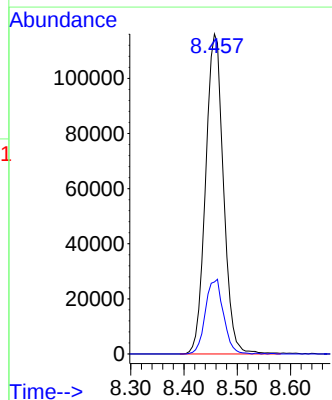
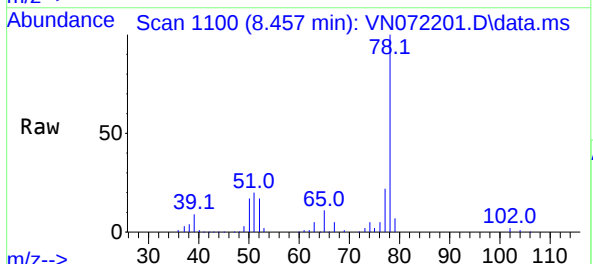
Manual Integrations
APPROVED

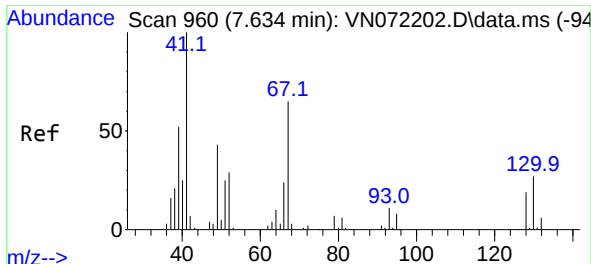
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#40
Benzene
Concen: 20.573 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

Tgt Ion: 78 Resp: 270001
Ion Ratio Lower Upper
78 100
77 22.5 19.4 29.0





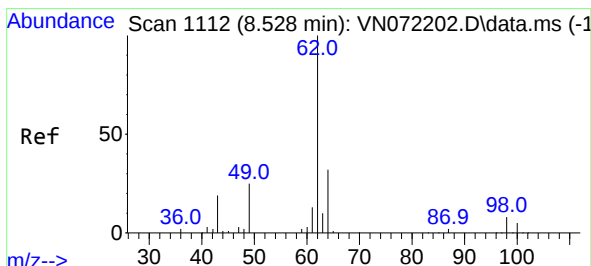
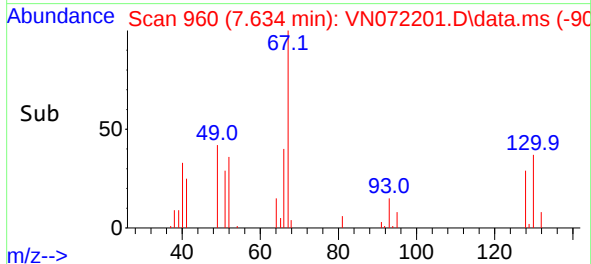
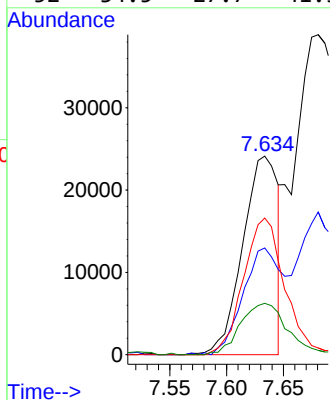
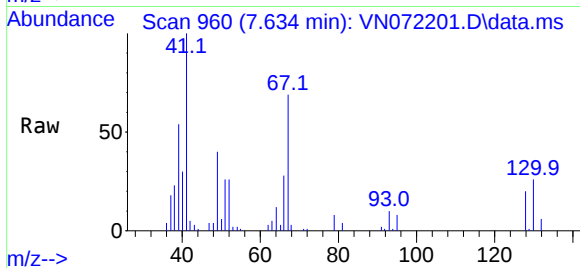
#41
Methacrylonitrile
Concen: 22.103 ug/l
RT: 7.634 min Scan# 90
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 41 Resp: 51940
Ion Ratio Lower Upper
41 100
39 59.0 48.6 73.0
67 82.0 73.4 110.2
52 34.5 27.7 41.5

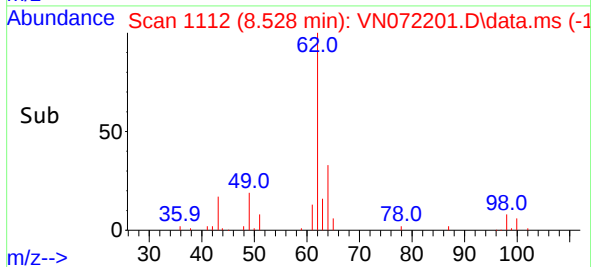
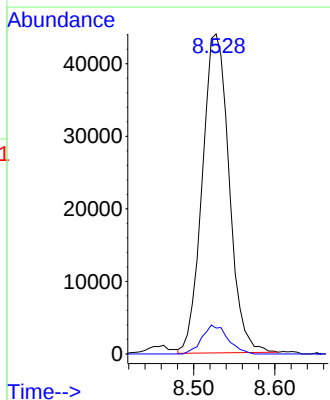
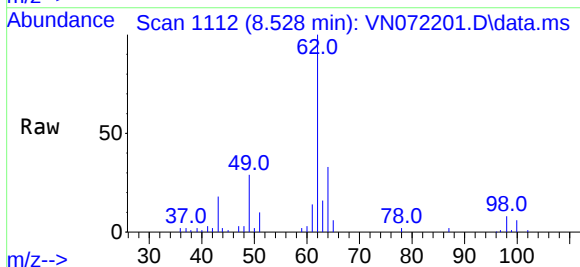
Manual Integrations
APPROVED

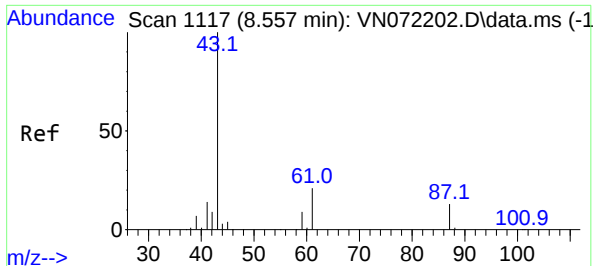
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#42
1,2-Dichloroethane
Concen: 21.898 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

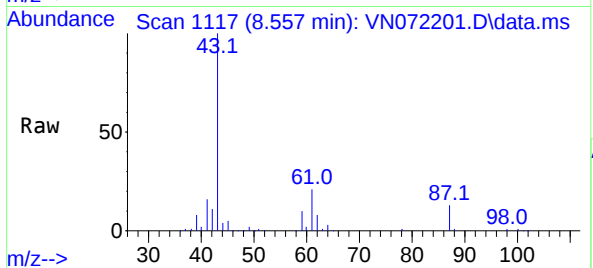
Tgt Ion: 62 Resp: 101230
Ion Ratio Lower Upper
62 100
98 8.7 0.0 19.4





#43
Isopropyl Acetate
Concen: 22.775 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

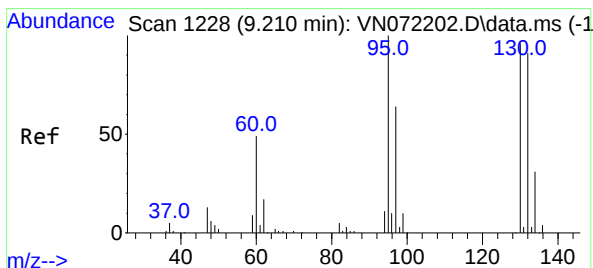
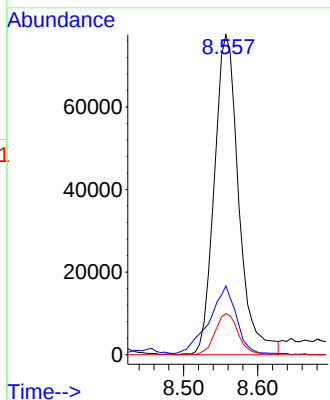
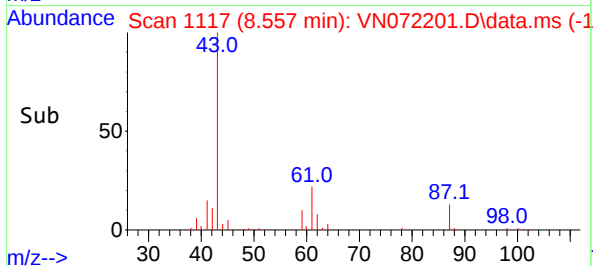
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



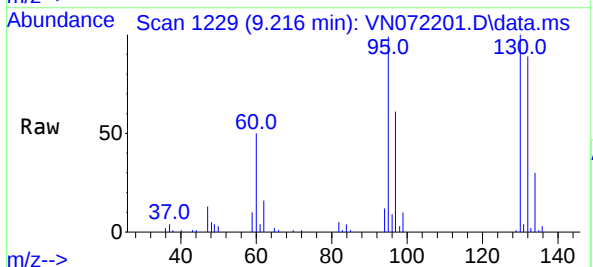
Tgt Ion: 43 Resp: 17757
Ion Ratio Lower Upper
43 100
61 24.7 21.9 32.9
87 12.2 12.0 18.0

Manual Integrations
APPROVED

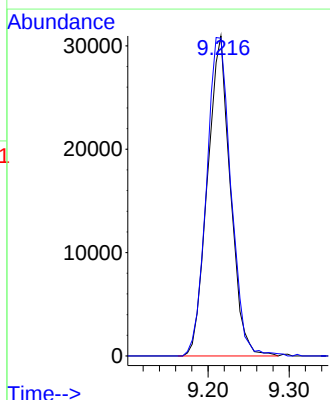
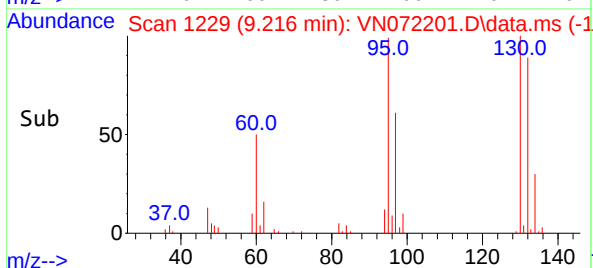
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

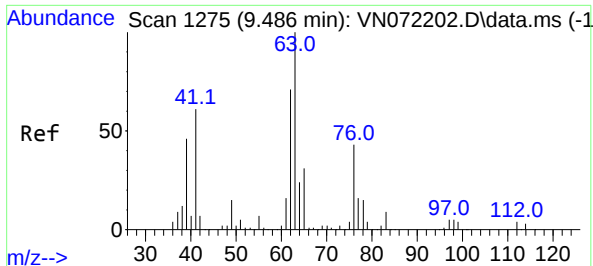


#44
Trichloroethene
Concen: 18.311 ug/l
RT: 9.216 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01



Tgt Ion:130 Resp: 60464
Ion Ratio Lower Upper
130 100
95 99.3 0.0 186.8





#45

1,2-Dichloropropane

Concen: 21.507 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. -0.000 min

Lab File: VN072201.D

Acq: 26 Apr 2022 16:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 71440

Ion Ratio Lower Upper

63 100

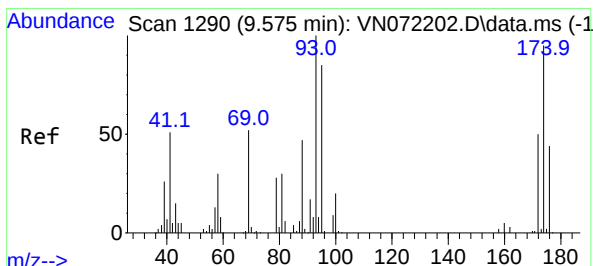
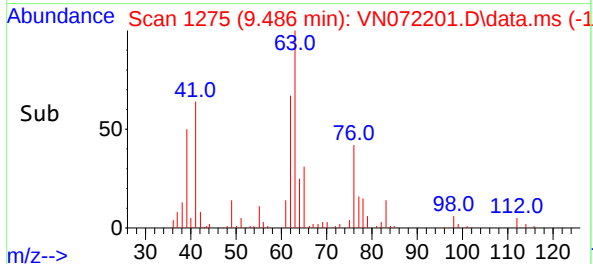
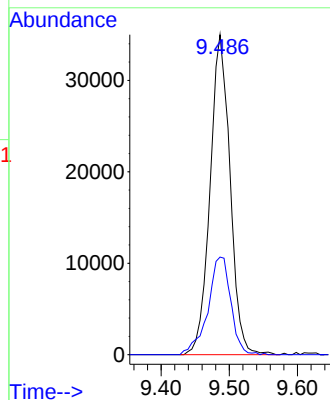
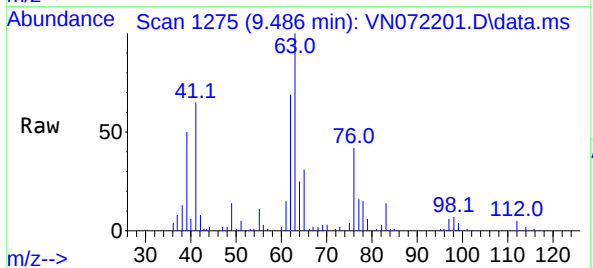
65 30.5 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/27/2022

Supervised By :Mahesh Dadoda 04/27/2022



#46

Dibromomethane

Concen: 20.841 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. -0.000 min

Lab File: VN072201.D

Acq: 26 Apr 2022 16:01

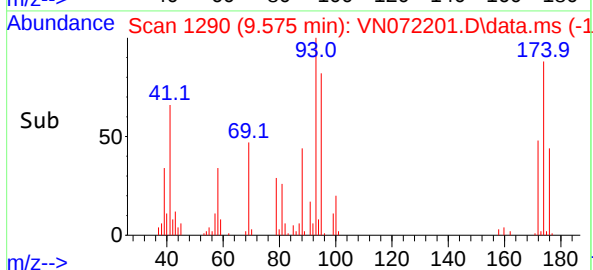
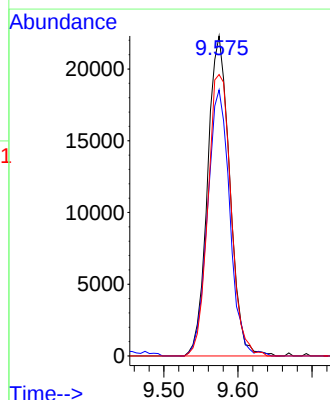
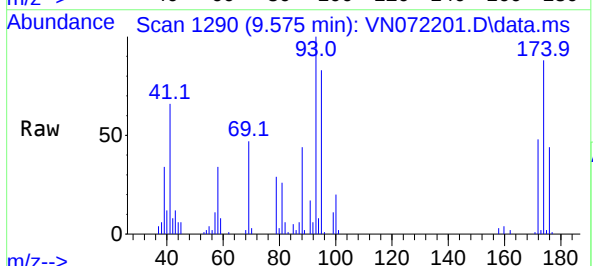
Tgt Ion: 93 Resp: 46377

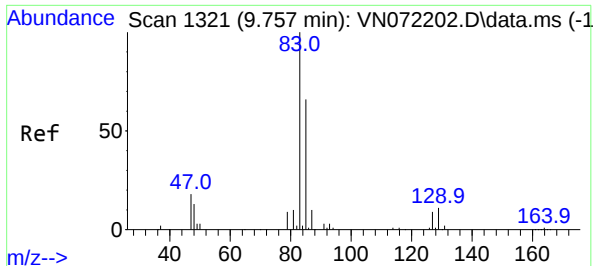
Ion Ratio Lower Upper

93 100

95 83.2 66.9 100.3

174 91.1 86.6 130.0





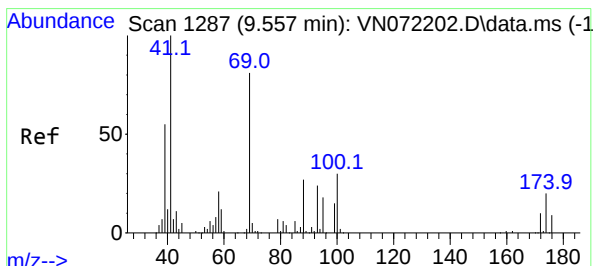
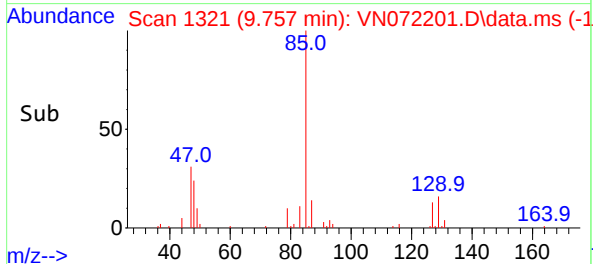
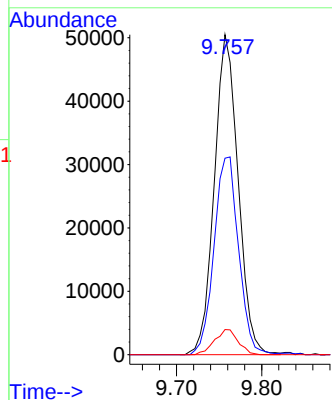
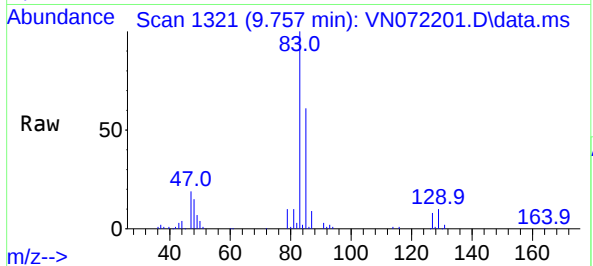
#47
Bromodichloromethane
Concen: 22.151 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 9793
Ion Ratio Lower Upper
83 100
85 61.4 50.5 75.7
127 7.8 6.8 10.2

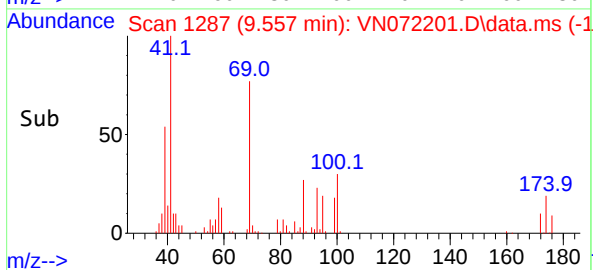
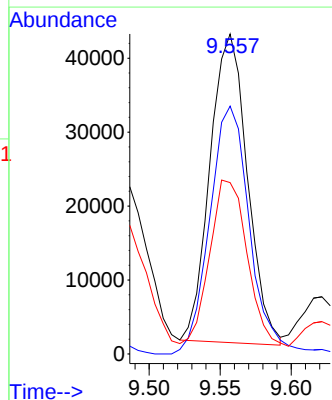
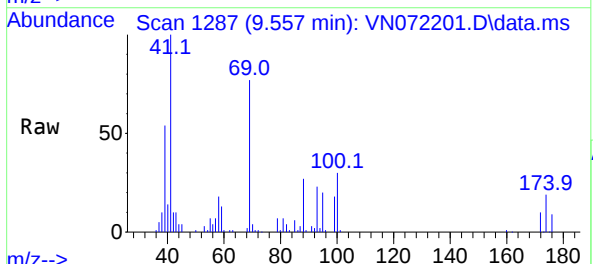
Manual Integrations
APPROVED

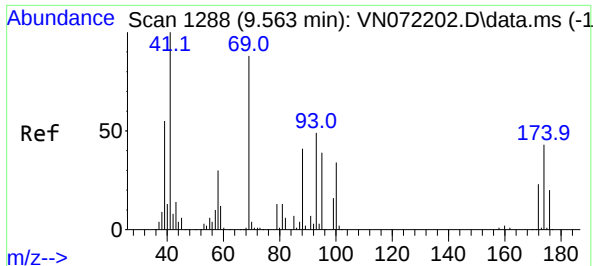
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#48
Methyl methacrylate
Concen: 23.223 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

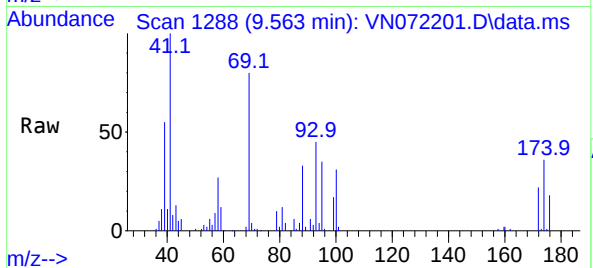
Tgt Ion: 41 Resp: 76253
Ion Ratio Lower Upper
41 100
69 86.8 74.7 112.1
39 59.6 45.6 68.4





#49
1,4-Dioxane
Concen: 352.210 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

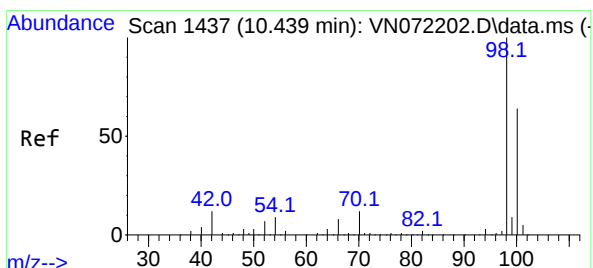
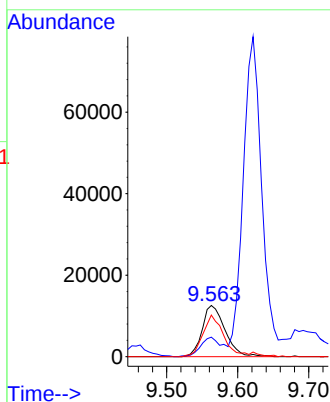
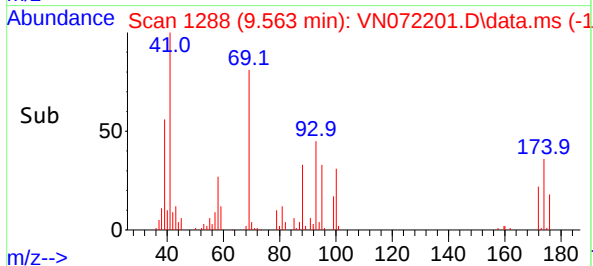
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



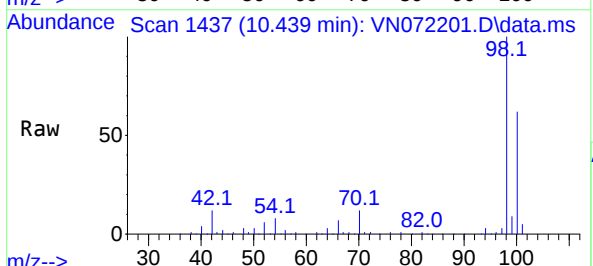
Tgt Ion: 88 Resp: 28160
Ion Ratio Lower Upper
88 100
43 29.0 20.2 30.4
58 73.6 54.2 81.4

Manual Integrations
APPROVED

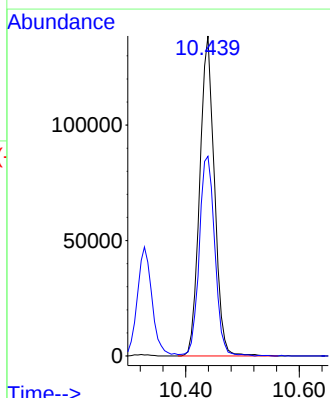
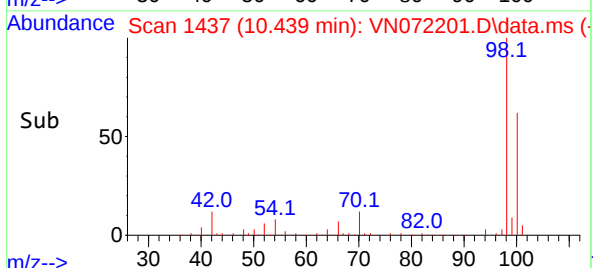
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

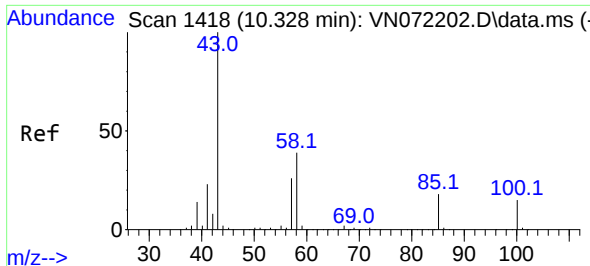


#50
Toluene-d8
Concen: 20.458 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01



Tgt Ion: 98 Resp: 248979
Ion Ratio Lower Upper
98 100
100 66.1 52.6 78.8





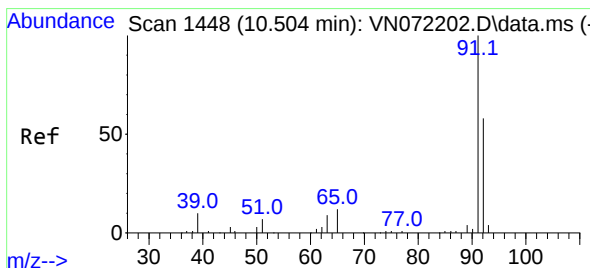
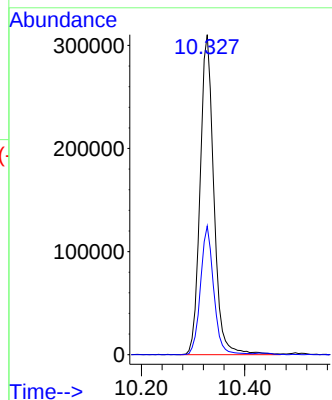
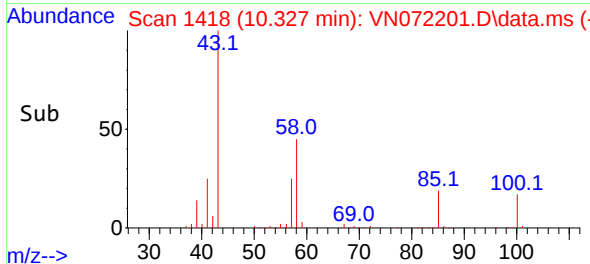
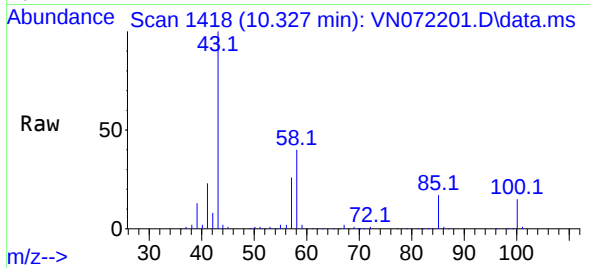
#51
4-Methyl-2-Pentanone
Concen: 126.650 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 57364
Ion Ratio Lower Upper
43 100
58 38.7 34.1 51.1

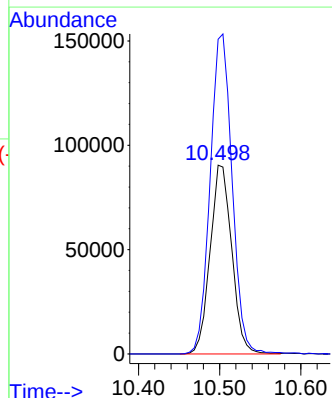
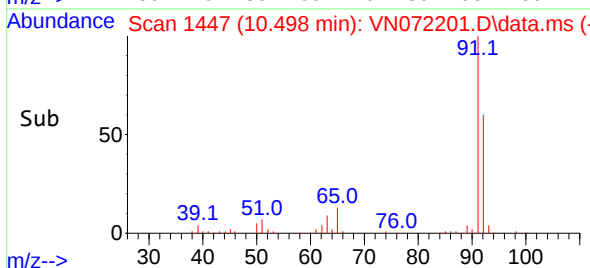
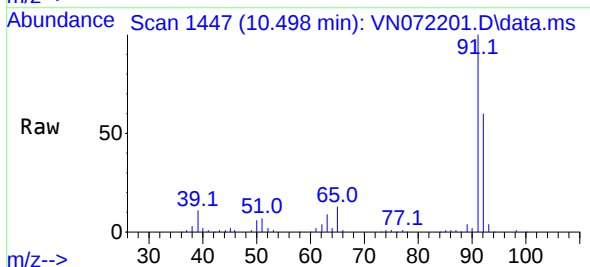
Manual Integrations
APPROVED

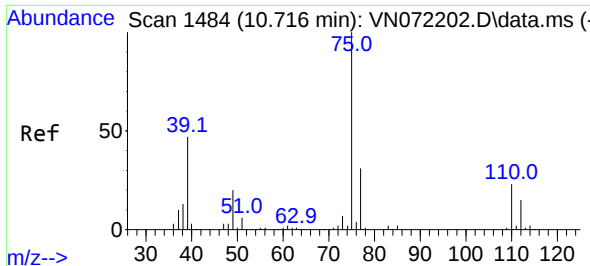
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#52
Toluene
Concen: 20.288 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

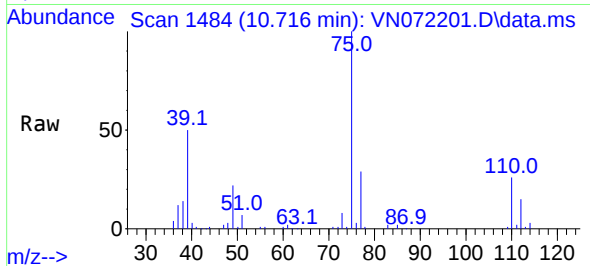
Tgt Ion: 92 Resp: 167555
Ion Ratio Lower Upper
92 100
91 172.2 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 20.940 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

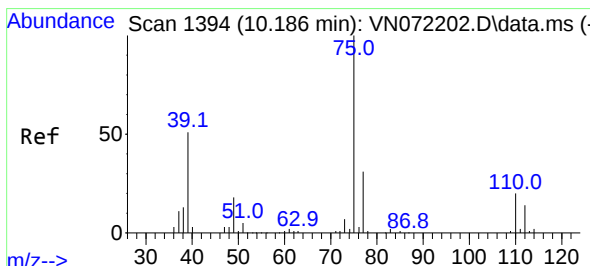
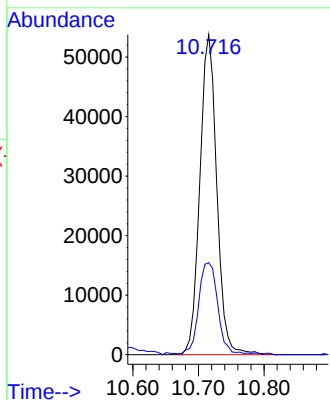
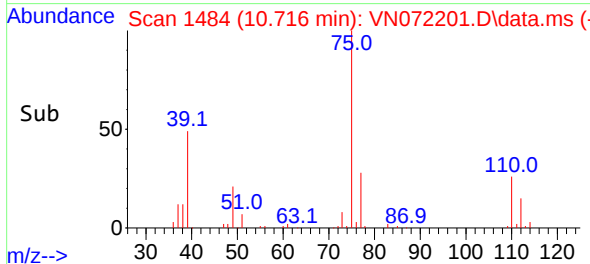
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



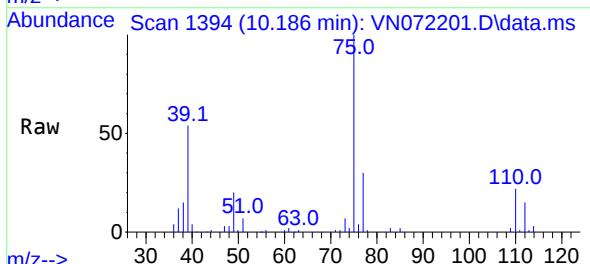
Tgt Ion: 75 Resp: 96698
Ion Ratio Lower Upper
75 100
77 28.8 25.6 38.4

Manual Integrations
APPROVED

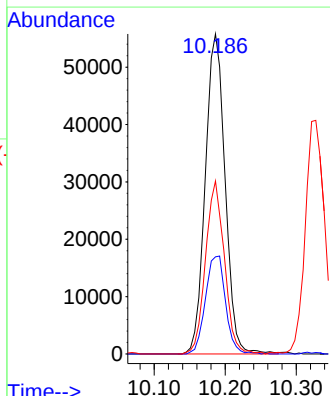
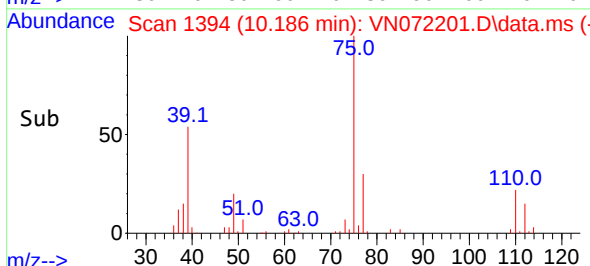
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

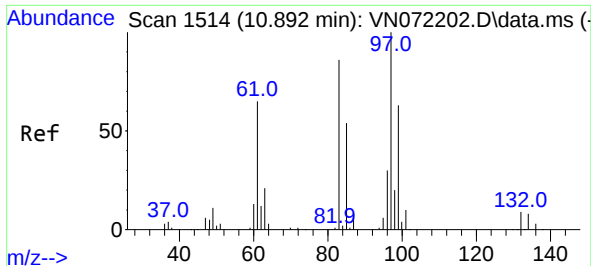


#54
cis-1,3-Dichloropropene
Concen: 21.301 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01



Tgt Ion: 75 Resp: 108279
Ion Ratio Lower Upper
75 100
77 30.4 25.2 37.8
39 54.1 35.7 53.5#





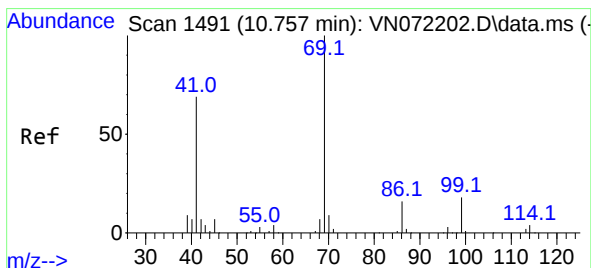
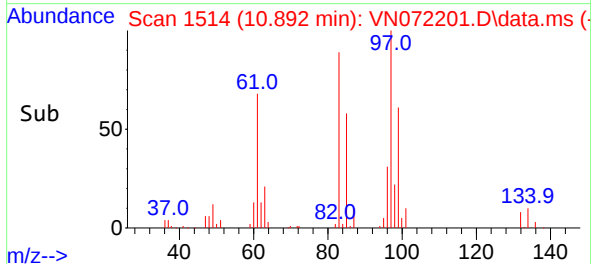
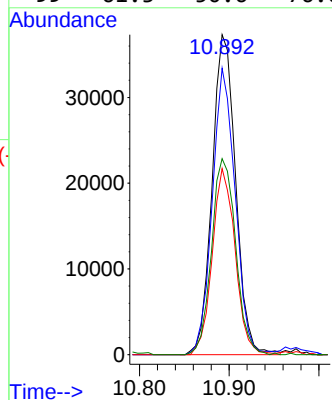
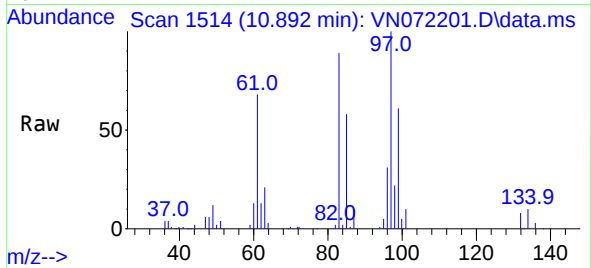
#55
1,1,2-Trichloroethane
Concen: 20.011 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 97	Resp: 67904
Ion Ratio	Lower Upper
97 100	
83 89.5	66.2 99.4
85 58.1	43.9 65.9
99 61.3	50.6 76.0

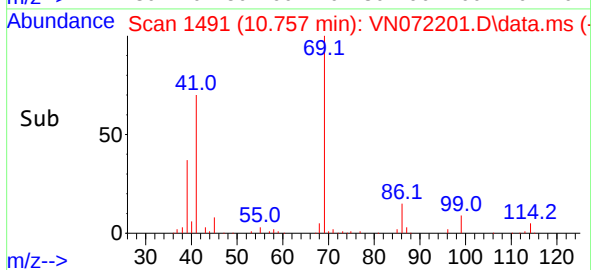
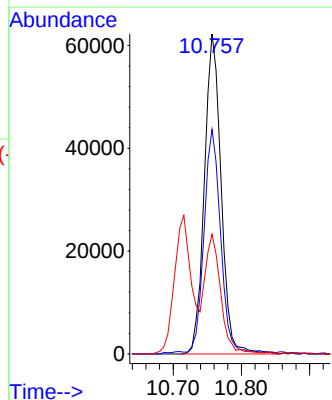
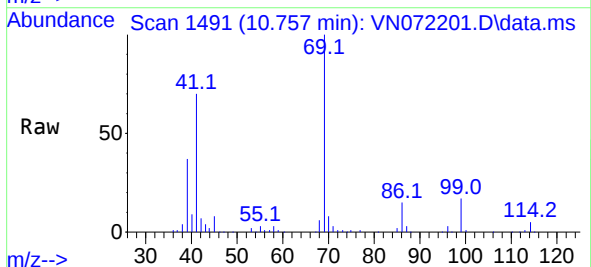
Manual Integrations
APPROVED

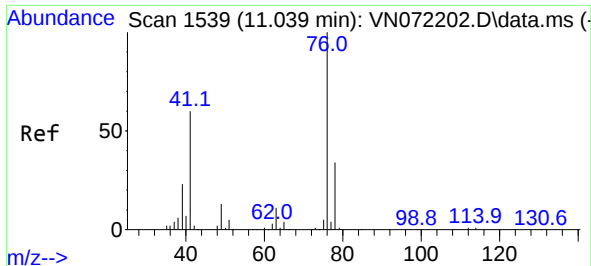
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#56
Ethyl methacrylate
Concen: 21.619 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

Tgt Ion: 69	Resp: 106214
Ion Ratio	Lower Upper
69 100	
41 70.5	47.8 71.6
39 34.2	27.3 40.9





#57

1,3-Dichloropropane

Concen: 21.150 ug/l

RT: 11.039 min Scan# 1539

Delta R.T. -0.000 min

Lab File: VN072201.D

Acq: 26 Apr 2022 16:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 76 Resp: 12111

Ion Ratio Lower Upper

76 100

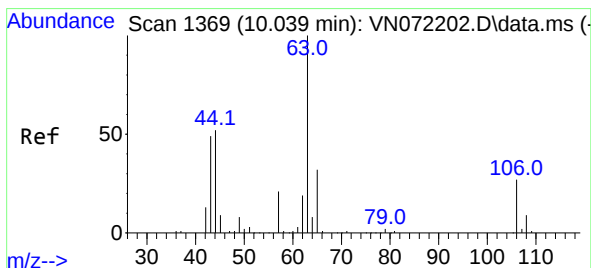
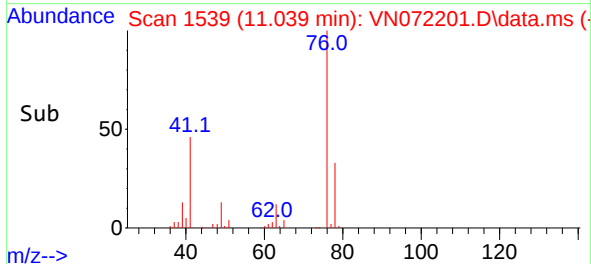
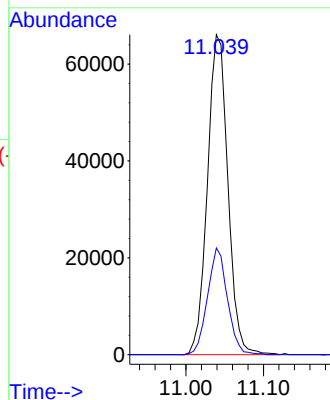
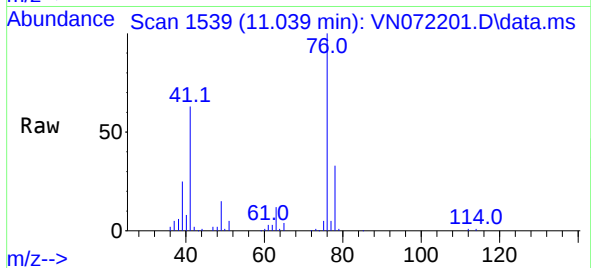
78 32.5 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/27/2022

Supervised By :Mahesh Dadoda 04/27/2022



#58

2-Chloroethyl Vinyl ether

Concen: 112.688 ug/l

RT: 10.039 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VN072201.D

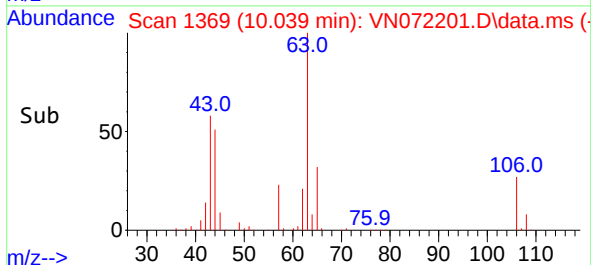
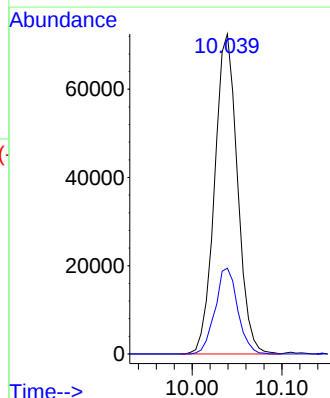
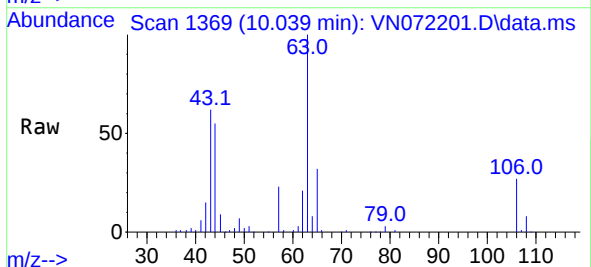
Acq: 26 Apr 2022 16:01

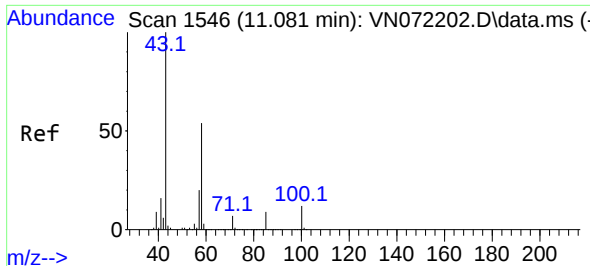
Tgt Ion: 63 Resp: 128135

Ion Ratio Lower Upper

63 100

106 26.4 24.6 36.8





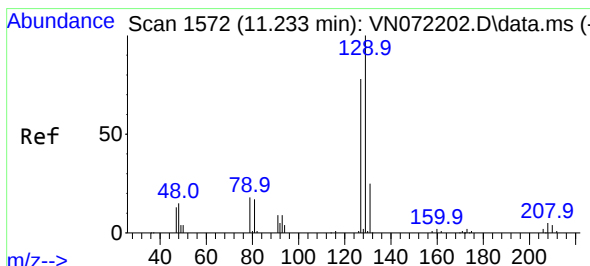
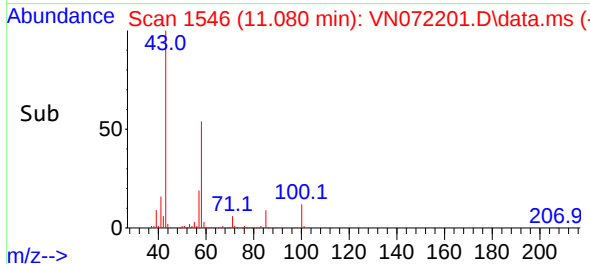
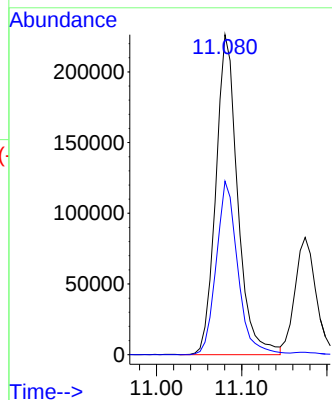
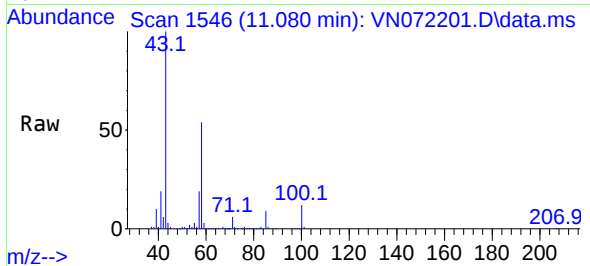
#59
2-Hexanone
Concen: 126.476 ug/l
RT: 11.080 min Scan# 1154
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 40376
Ion Ratio Lower Upper
43 100
58 53.4 29.7 89.1

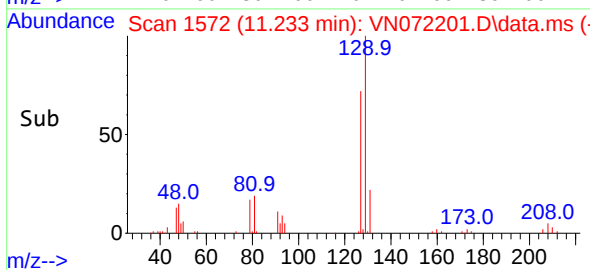
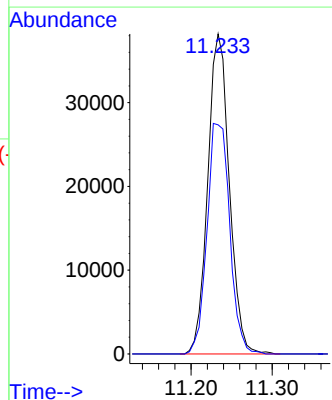
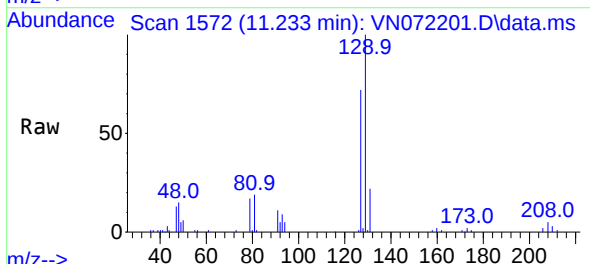
Manual Integrations
APPROVED

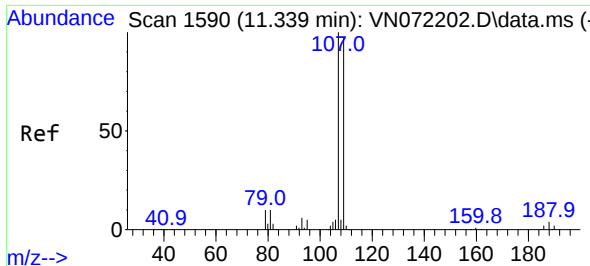
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#60
Dibromochloromethane
Concen: 21.205 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

Tgt Ion:129 Resp: 70412
Ion Ratio Lower Upper
129 100
127 75.9 38.8 116.4





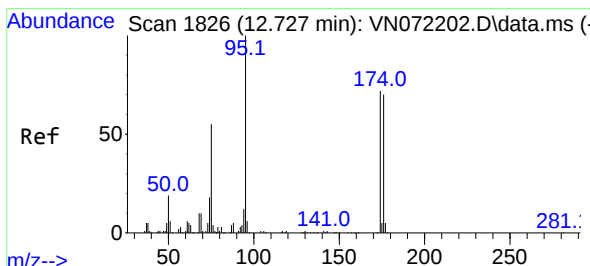
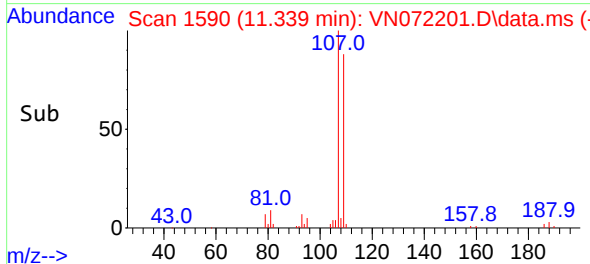
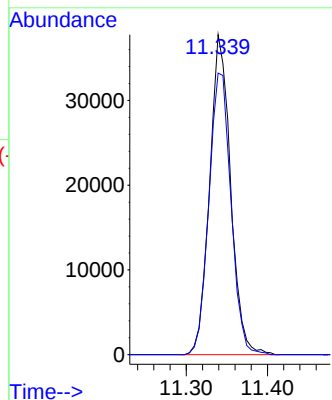
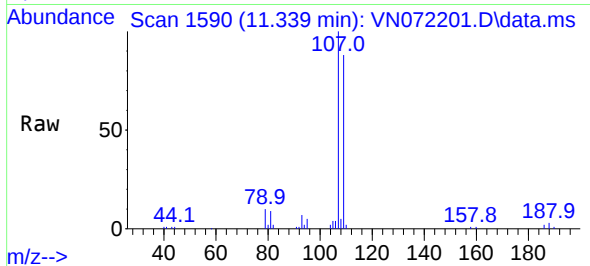
#61
1,2-Dibromoethane
Concen: 20.324 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:107 Resp: 6776
Ion Ratio Lower Upper
107 100
109 92.4 75.0 112.6

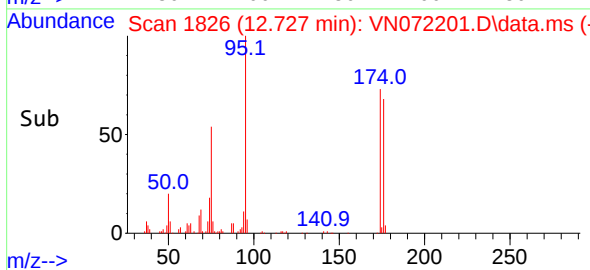
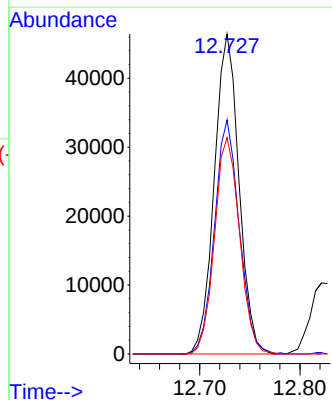
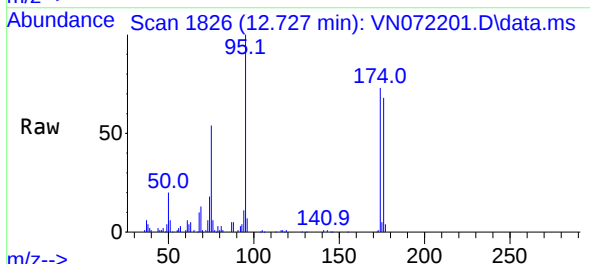
Manual Integrations
APPROVED

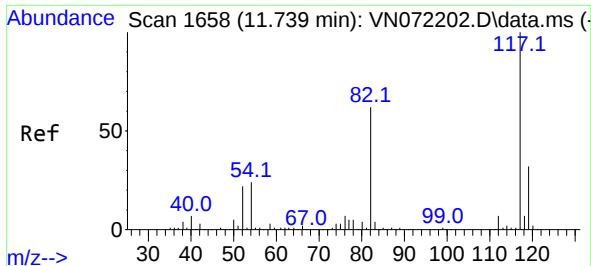
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#62
4-Bromofluorobenzene
Concen: 20.014 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

Tgt Ion: 95 Resp: 79142
Ion Ratio Lower Upper
95 100
174 73.6 0.0 167.6
176 68.6 0.0 163.4





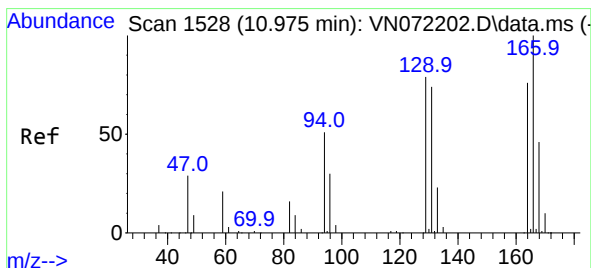
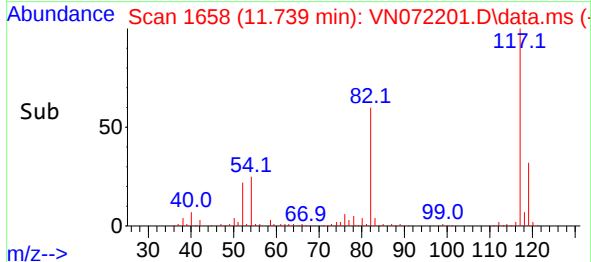
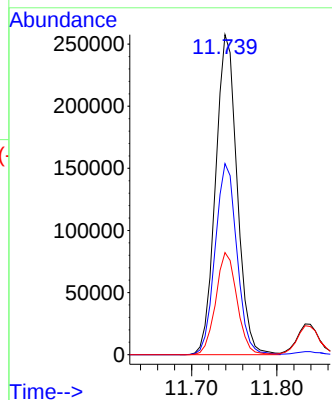
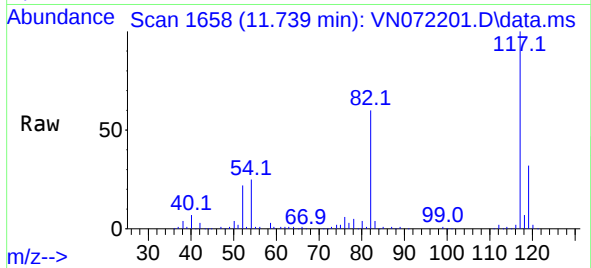
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:117 Resp: 453275
Ion Ratio Lower Upper
117 100
82 59.7 44.2 66.2
119 31.9 25.4 38.0

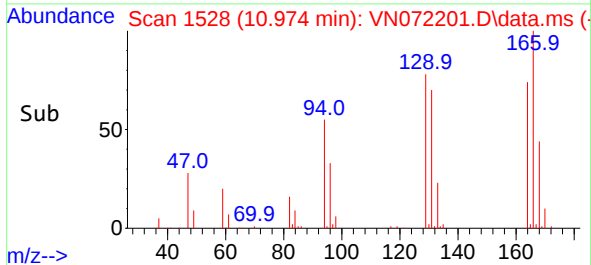
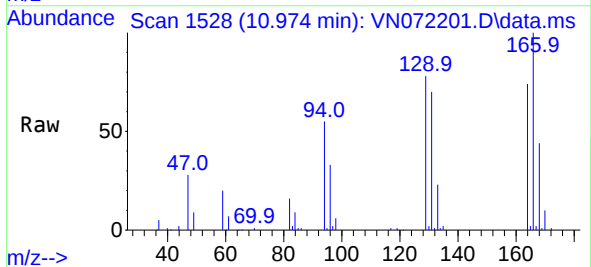
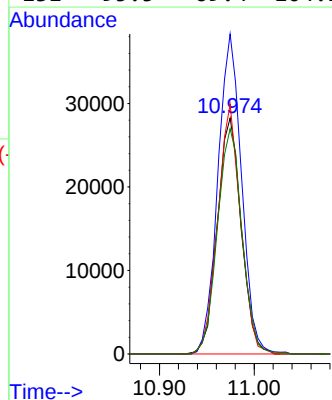
Manual Integrations
APPROVED

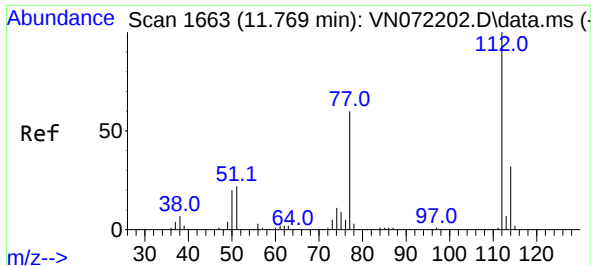
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#64
Tetrachloroethene
Concen: 16.996 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

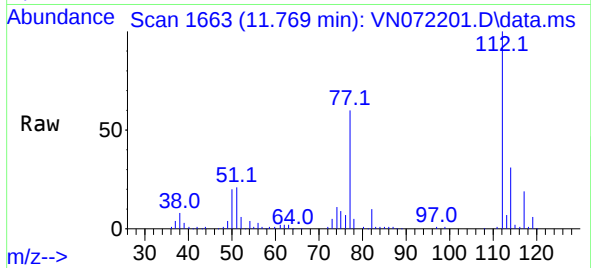
Tgt Ion:164 Resp: 49712
Ion Ratio Lower Upper
164 100
166 135.7 104.2 156.2
129 105.9 73.9 110.9
131 95.5 69.4 104.2





#65
Chlorobenzene
Concen: 18.972 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

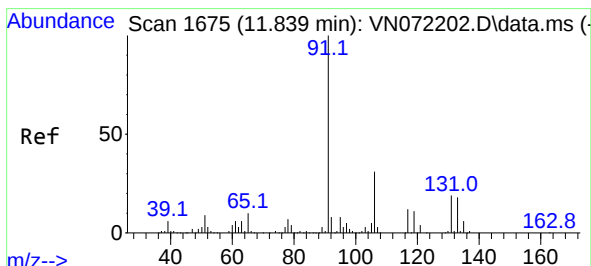
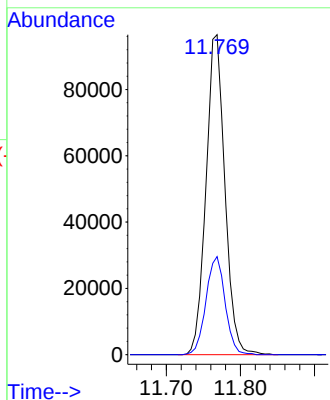
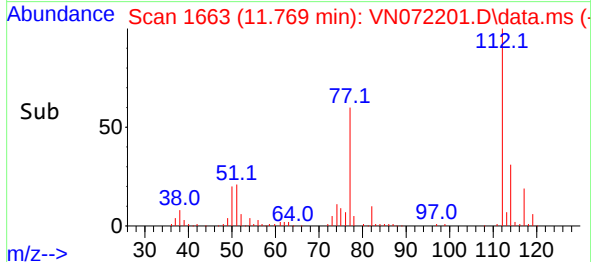
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



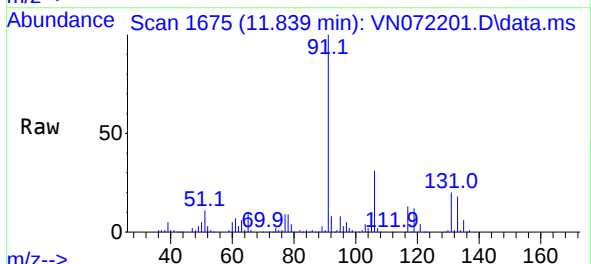
Tgt Ion:112 Resp: 170494
Ion Ratio Lower Upper
112 100
114 30.7 25.4 38.2

Manual Integrations
APPROVED

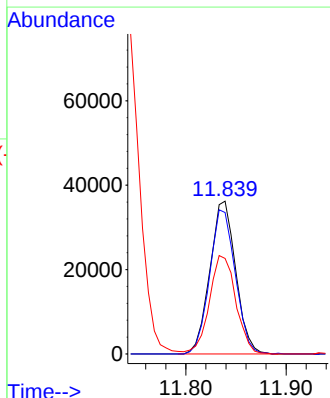
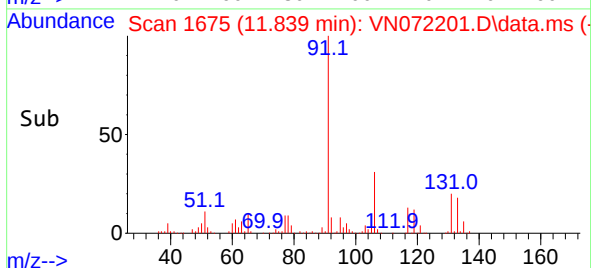
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

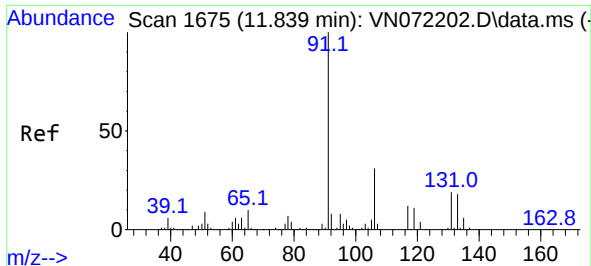


#66
1,1,1,2-Tetrachloroethane
Concen: 19.793 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01



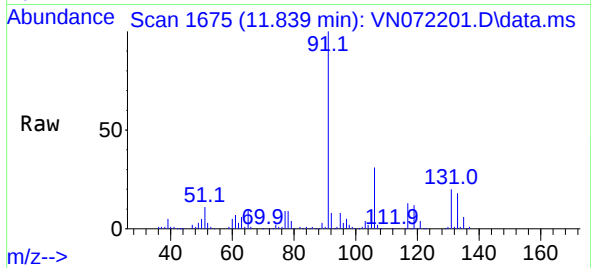
Tgt Ion:131 Resp: 64721
Ion Ratio Lower Upper
131 100
133 93.9 47.8 143.4
119 65.7 33.4 100.2





#67
Ethyl Benzene
Concen: 19.965 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

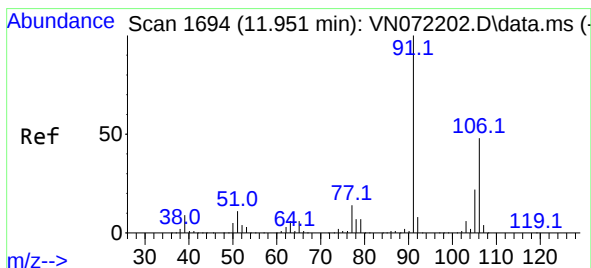
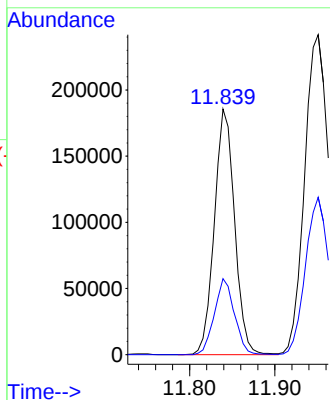
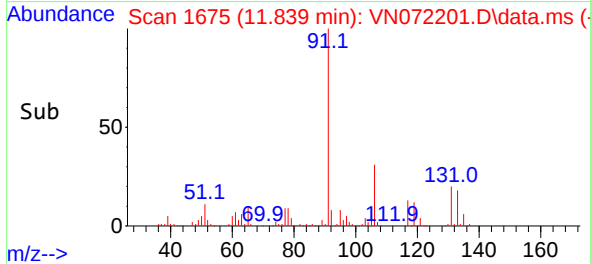
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



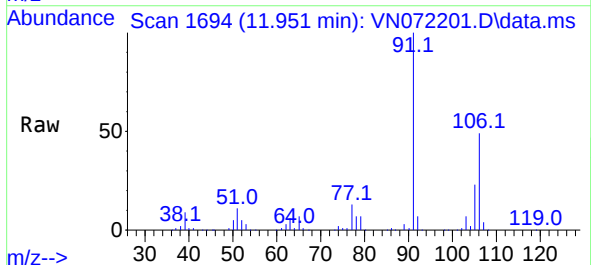
Tgt Ion: 91 Resp: 306514
Ion Ratio Lower Upper
91 100
106 31.0 24.9 37.3

Manual Integrations
APPROVED

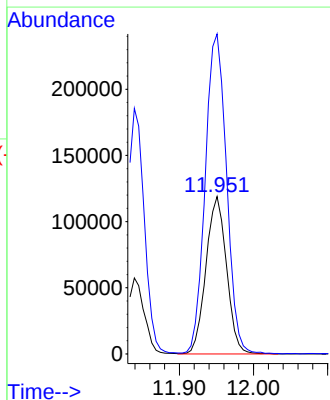
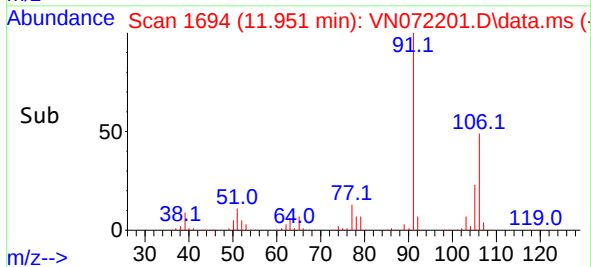
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

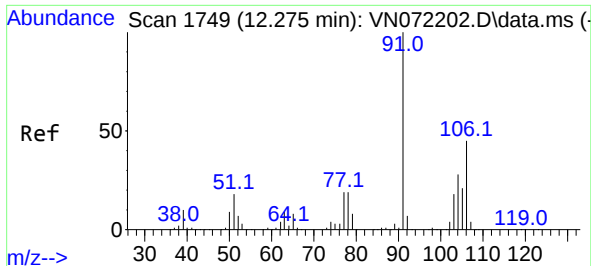


#68
m/p-Xylenes
Concen: 39.197 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01



Tgt Ion:106 Resp: 229426
Ion Ratio Lower Upper
106 100
91 210.1 158.9 238.3





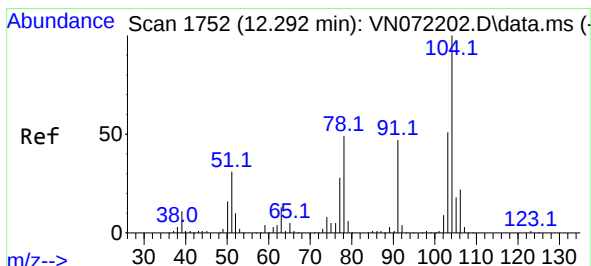
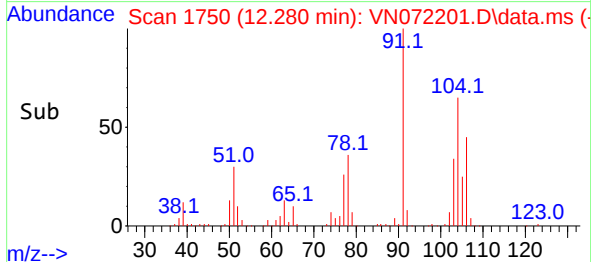
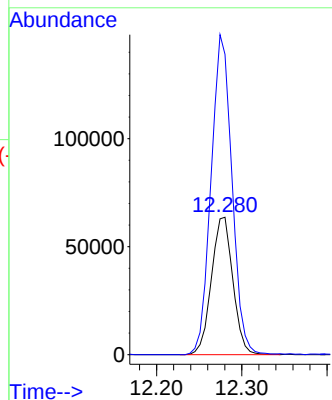
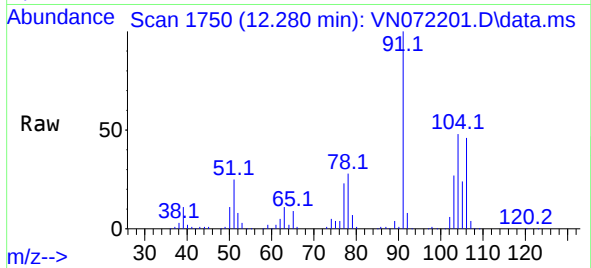
#69
o-Xylene
Concen: 19.153 ug/l
RT: 12.280 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 111309
Ion Ratio Lower Upper
106 100
91 226.7 106.0 318.0

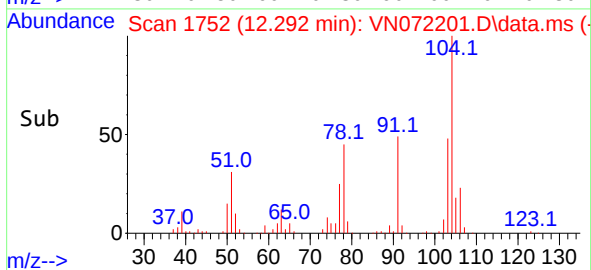
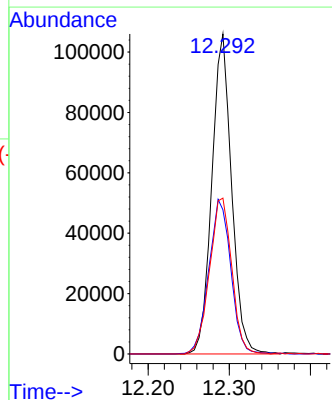
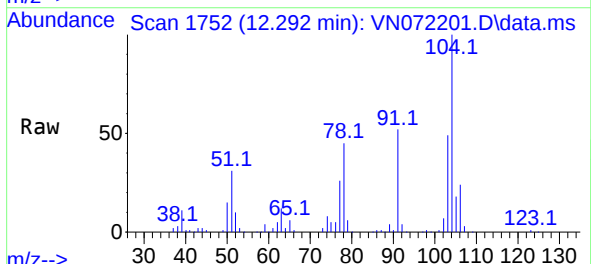
Manual Integrations
APPROVED

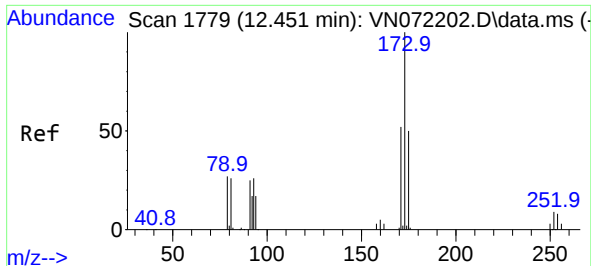
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#70
Styrene
Concen: 20.351 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

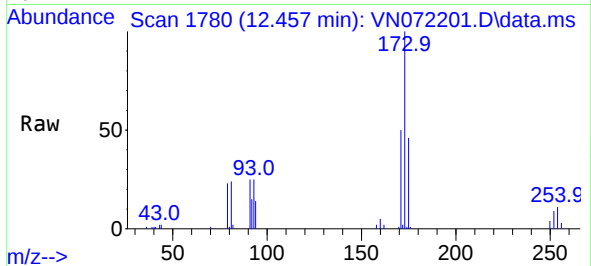
Tgt Ion:104 Resp: 179156
Ion Ratio Lower Upper
104 100
78 53.9 39.5 59.3
103 54.6 44.0 66.0





#71
Bromoform
Concen: 20.081 ug/l
RT: 12.457 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

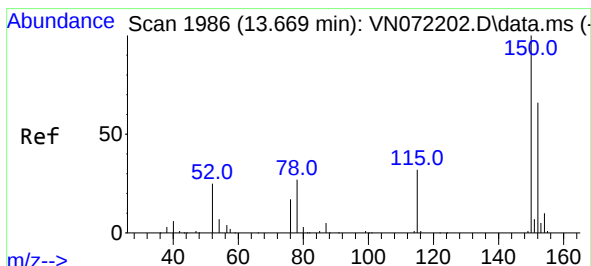
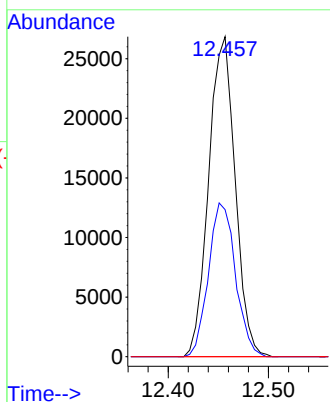
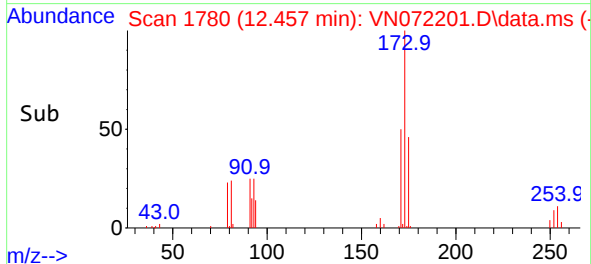
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



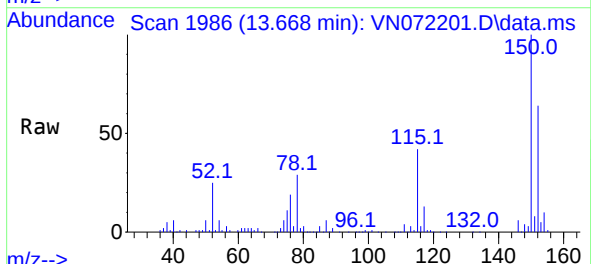
Tgt Ion:173 Resp: 49298
Ion Ratio Lower Upper
173 100
175 49.0 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

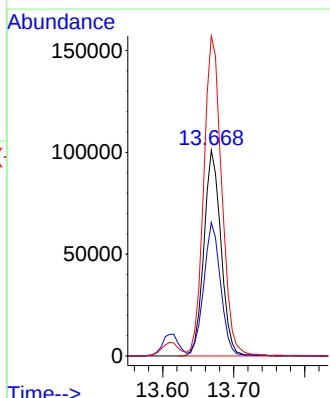
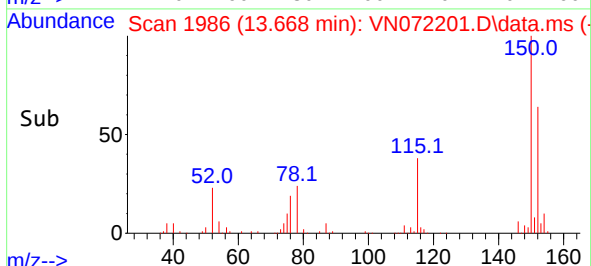
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

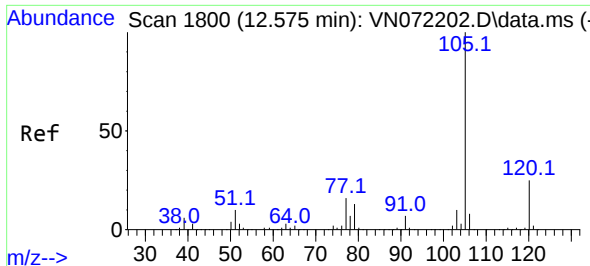


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01



Tgt Ion:152 Resp: 168524
Ion Ratio Lower Upper
152 100
115 63.7 28.9 86.7
150 164.1 0.0 356.2





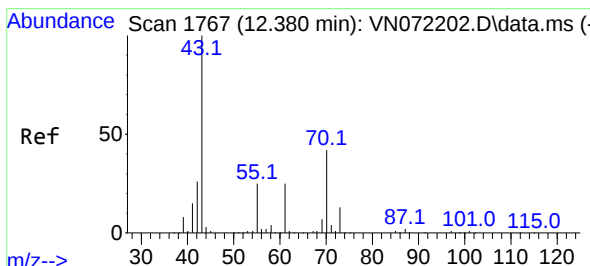
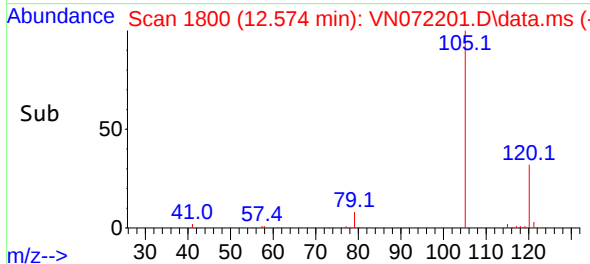
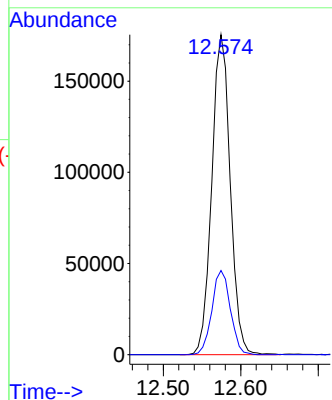
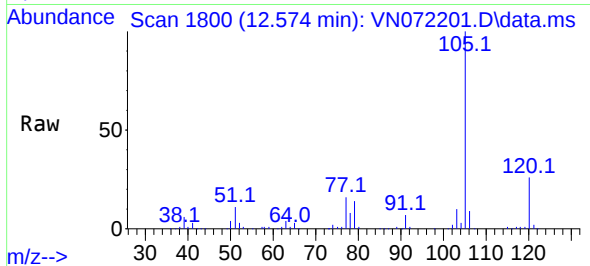
#73
Isopropylbenzene
Concen: 20.370 ug/l
RT: 12.574 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 29026
Ion Ratio Lower Upper
105 100
120 26.3 13.5 40.4

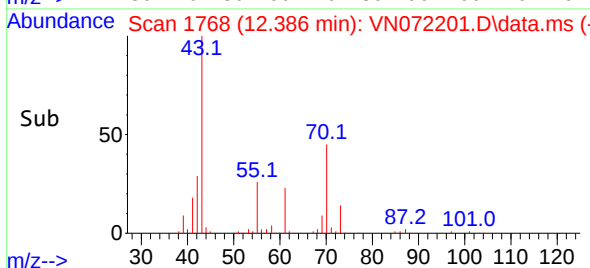
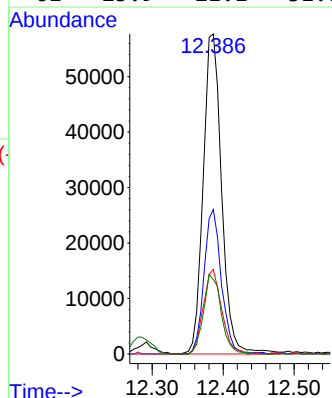
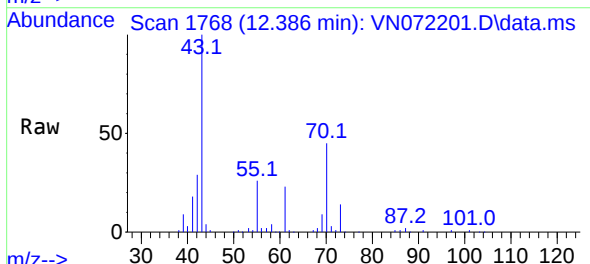
Manual Integrations
APPROVED

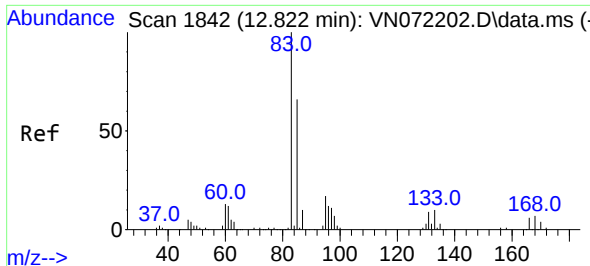
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#74
N-ethyl acetate
Concen: 24.638 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.006 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

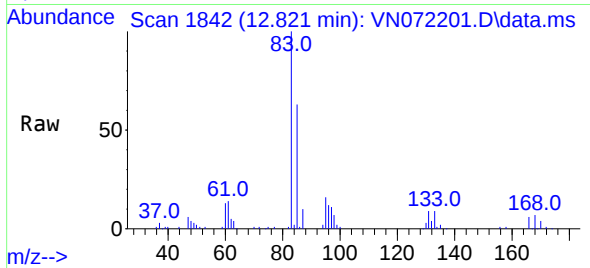
Tgt Ion: 43 Resp: 104526
Ion Ratio Lower Upper
43 100
70 42.3 39.0 58.4
55 26.1 21.1 31.7
61 23.9 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 22.105 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

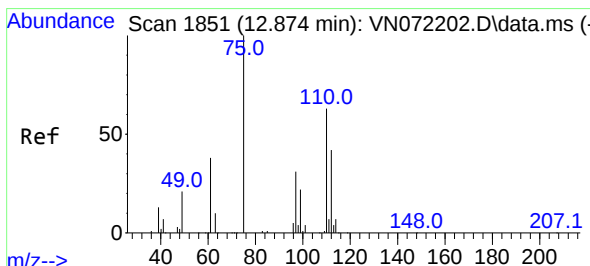
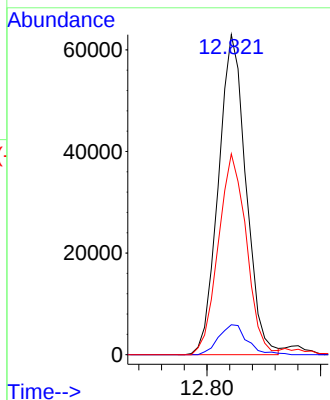
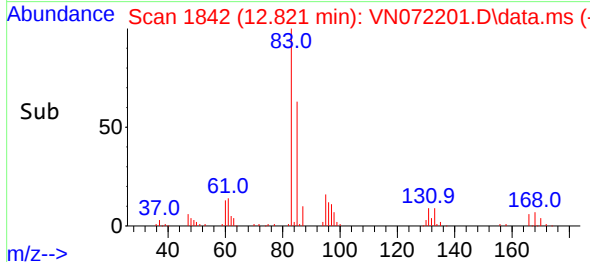
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



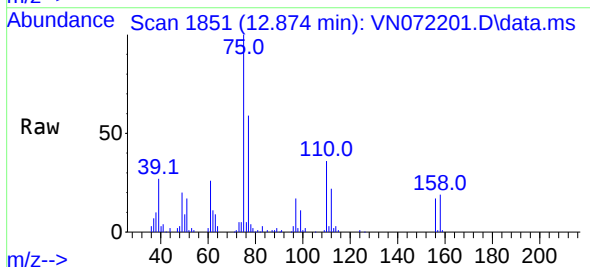
Tgt Ion: 83 Resp: 106000
Ion Ratio Lower Upper
83 100
131 9.7 5.3 15.9
85 64.1 32.3 96.9

Manual Integrations
APPROVED

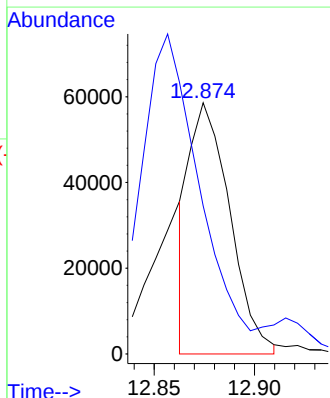
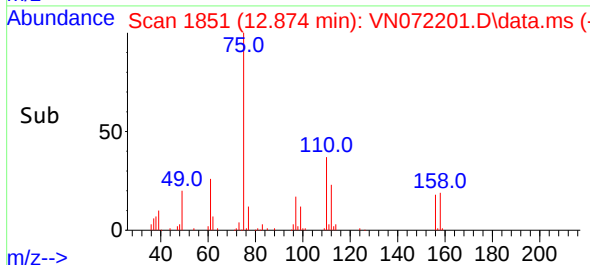
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

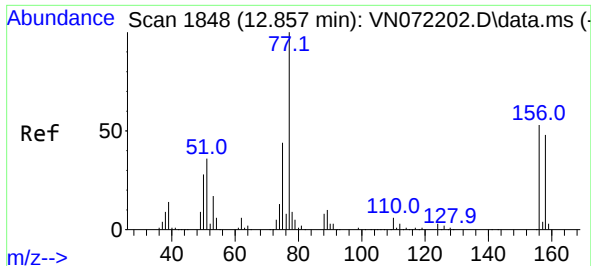


#76
1,2,3-Trichloropropane
Concen: 20.444 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01



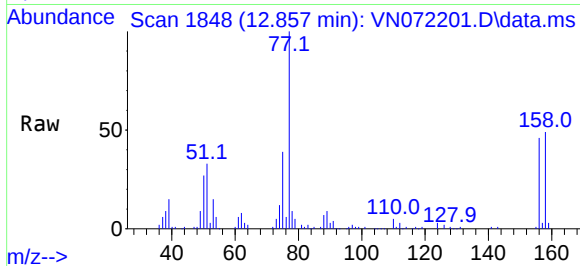
Tgt Ion: 75 Resp: 82137
Ion Ratio Lower Upper
75 100
77 184.6 98.5 295.5





#77
Bromobenzene
Concen: 18.037 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

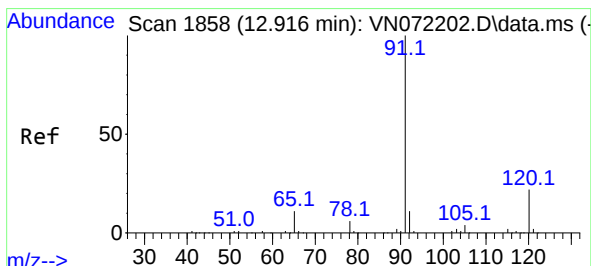
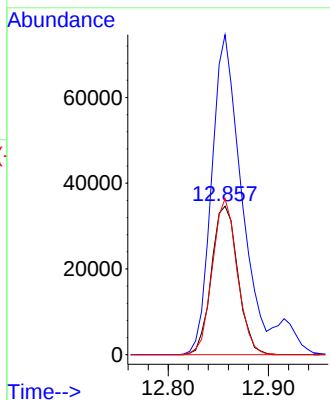
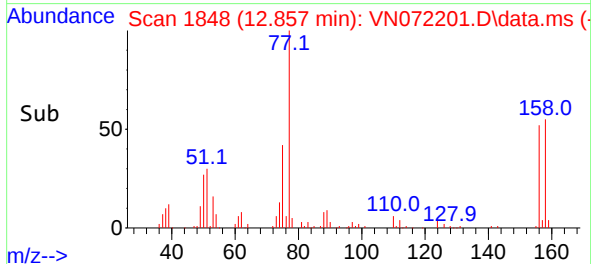
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



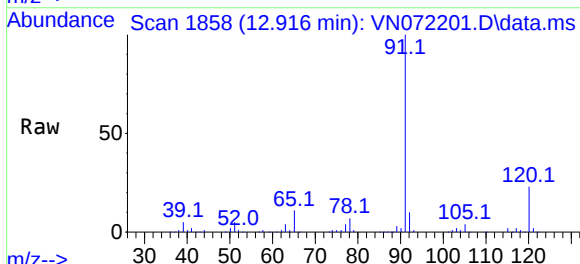
Tgt Ion:156 Resp: 6332
Ion Ratio Lower Upper
156 100
77 239.5 100.5 301.5
158 99.1 48.9 146.6

Manual Integrations
APPROVED

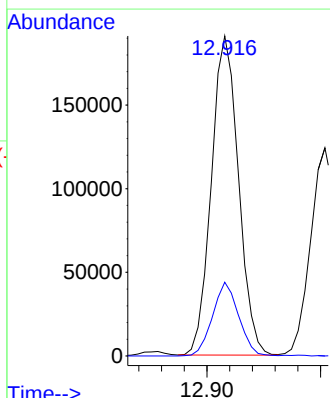
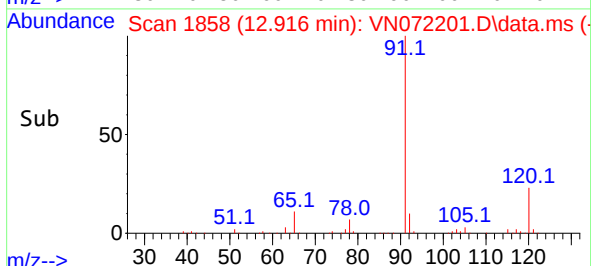
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

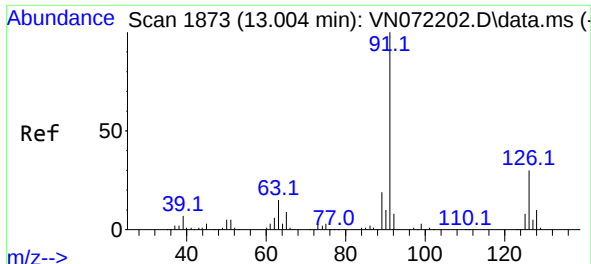


#78
n-propylbenzene
Concen: 21.042 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01



Tgt Ion: 91 Resp: 317010
Ion Ratio Lower Upper
91 100
120 22.2 11.9 35.5





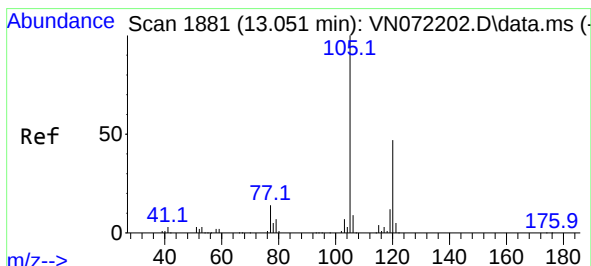
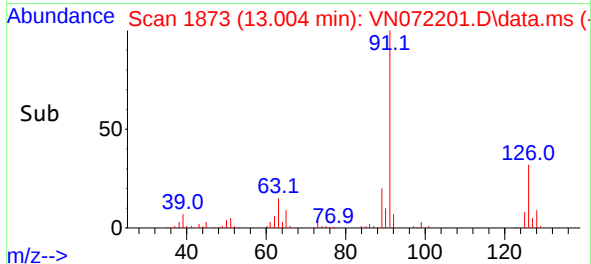
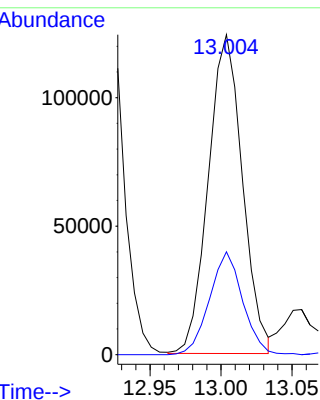
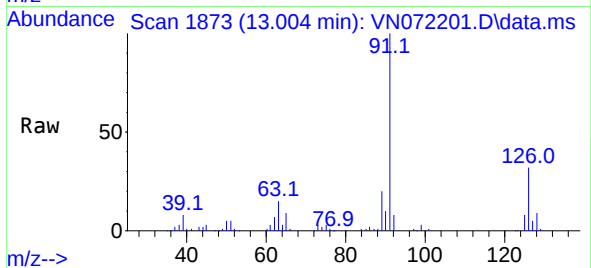
#79
2-Chlorotoluene
Concen: 21.361 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 20704
Ion Ratio Lower Upper
91 100
126 31.4 17.3 51.9

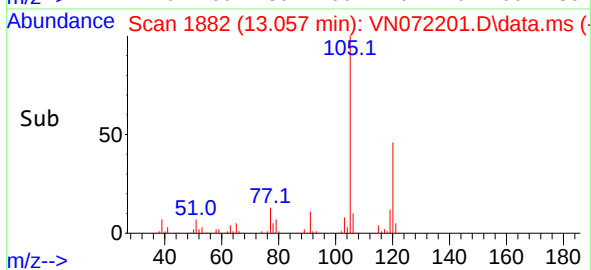
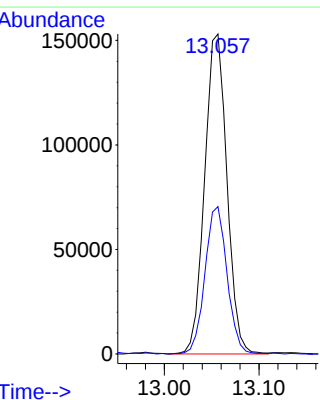
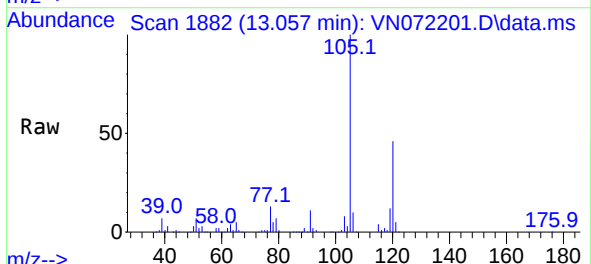
Manual Integrations
APPROVED

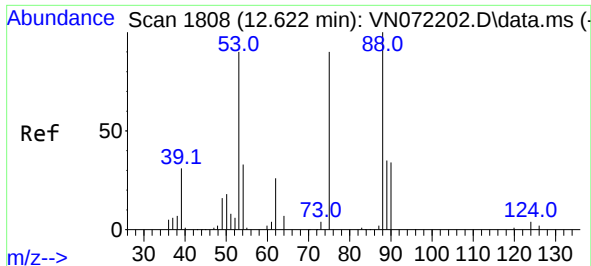
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#80
1,3,5-Trimethylbenzene
Concen: 22.046 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

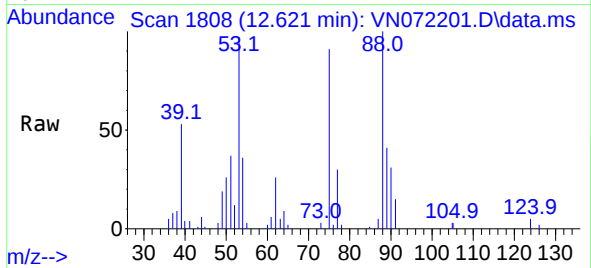
Tgt Ion:105 Resp: 250705
Ion Ratio Lower Upper
105 100
120 45.7 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 21.210 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

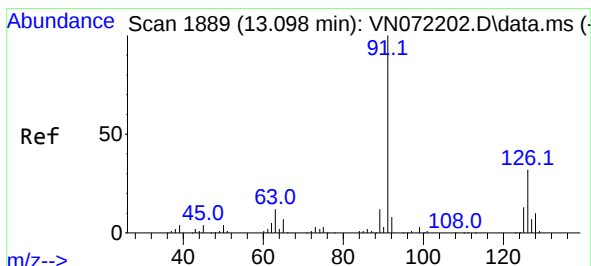
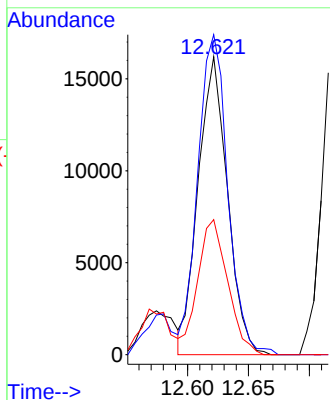
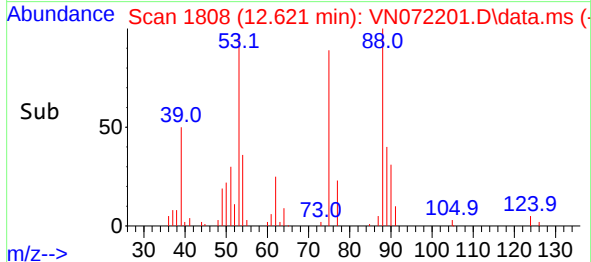
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



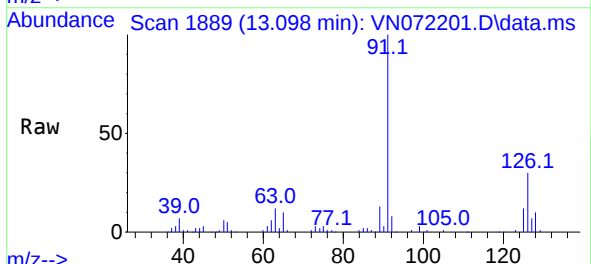
Tgt Ion: 75 Resp: 27120
Ion Ratio Lower Upper
75 100
53 110.0 78.0 117.0
89 46.5 37.2 55.8

Manual Integrations
APPROVED

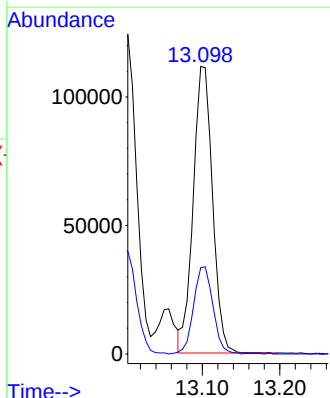
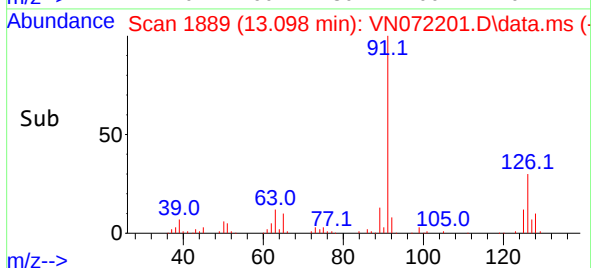
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

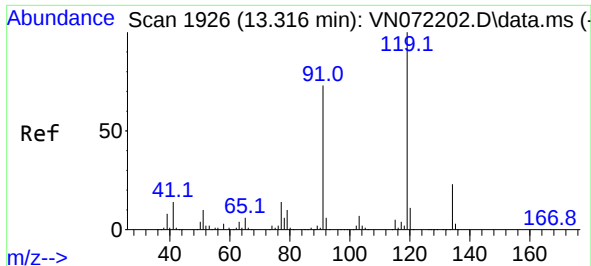


#82
4-Chlorotoluene
Concen: 21.511 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01



Tgt Ion: 91 Resp: 193320
Ion Ratio Lower Upper
91 100
126 30.5 17.2 51.6





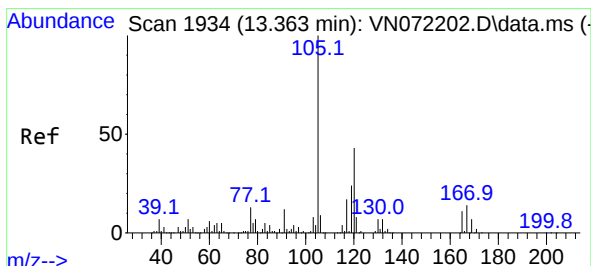
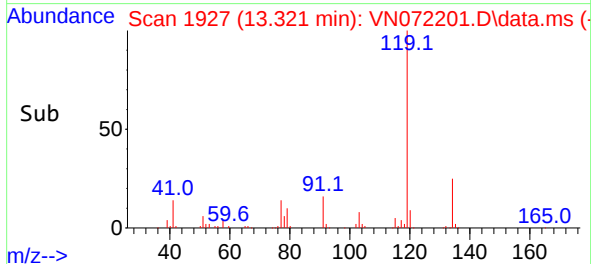
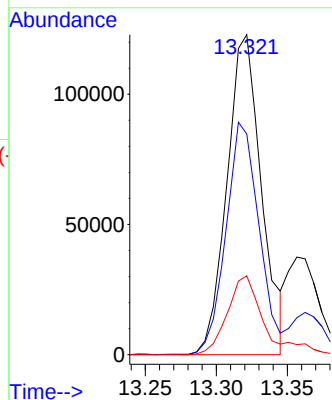
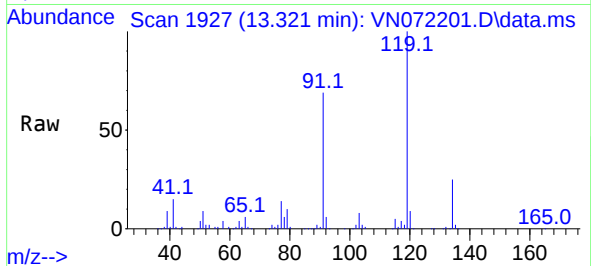
#83
tert-Butylbenzene
Concen: 20.179 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. 0.006 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:119 Resp: 207940
Ion Ratio Lower Upper
119 100
91 69.7 31.6 94.8
134 26.2 13.7 41.1

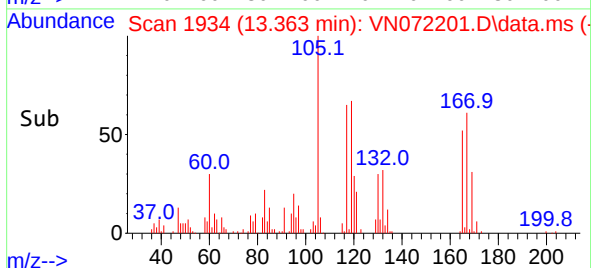
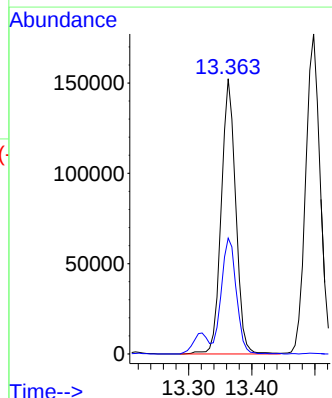
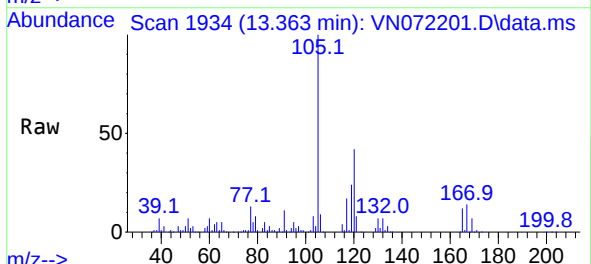
Manual Integrations
APPROVED

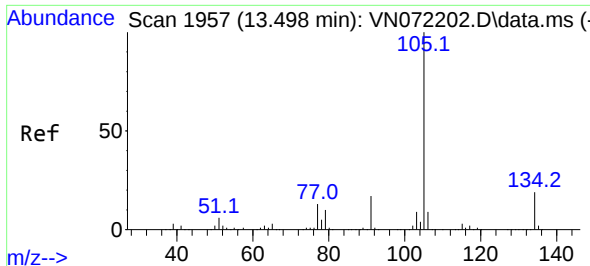
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#84
1,2,4-Trimethylbenzene
Concen: 21.787 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

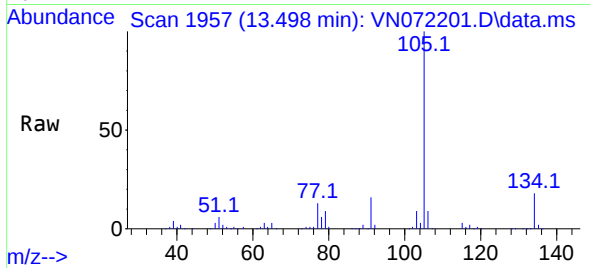
Tgt Ion:105 Resp: 242139
Ion Ratio Lower Upper
105 100
120 44.0 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 21.239 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN072201.D
 Acq: 26 Apr 2022 16:01

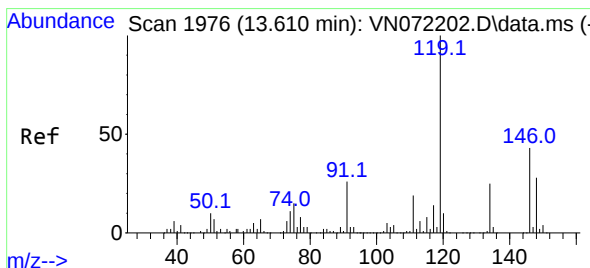
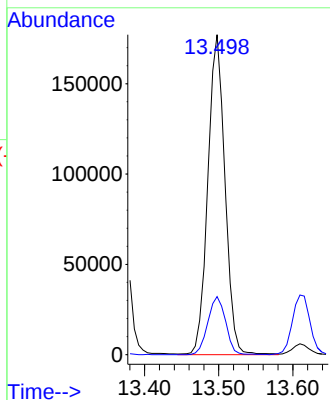
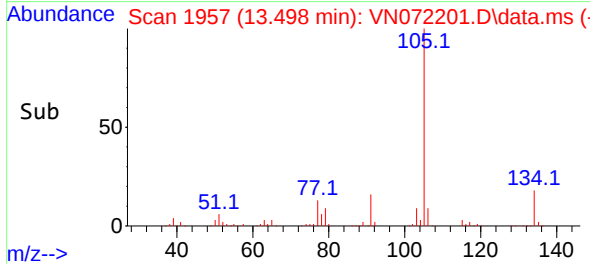
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



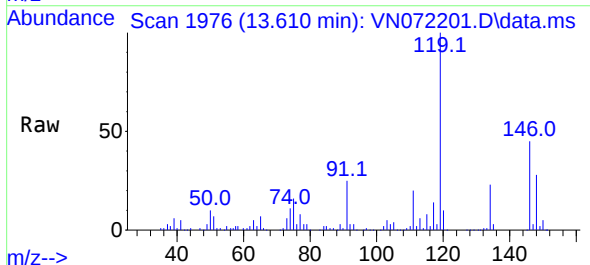
Tgt Ion:105 Resp: 284130
 Ion Ratio Lower Upper
 105 100
 134 18.9 10.4 31.1

Manual Integrations
 APPROVED

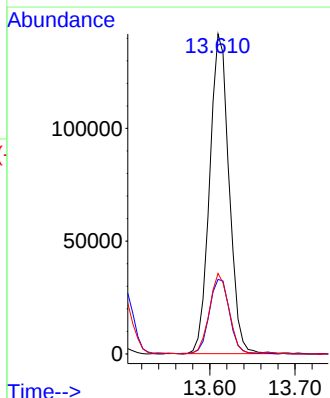
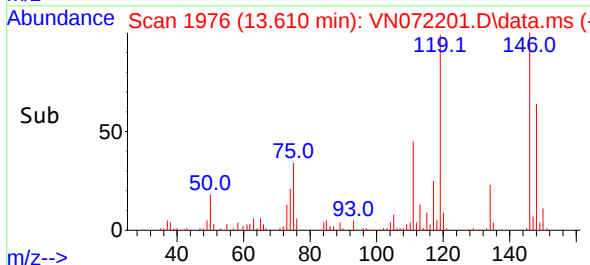
Reviewed By :John Carlone 04/27/2022
 Supervised By :Mahesh Dadoda 04/27/2022

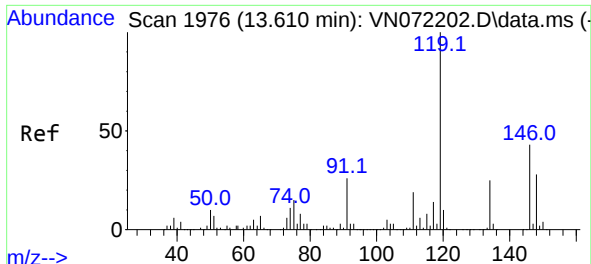


#86
 p-Isopropyltoluene
 Concen: 21.079 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN072201.D
 Acq: 26 Apr 2022 16:01



Tgt Ion:119 Resp: 224405
 Ion Ratio Lower Upper
 119 100
 134 24.6 13.3 39.8
 91 25.4 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 19.168 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

Instrument :

MSVOA_N

ClientSampleId :

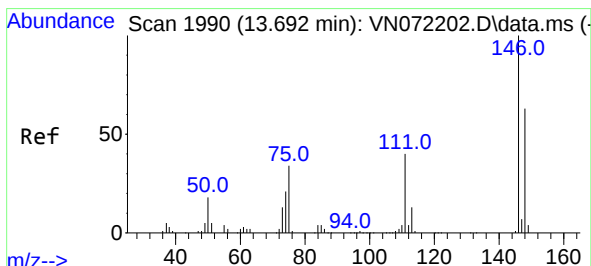
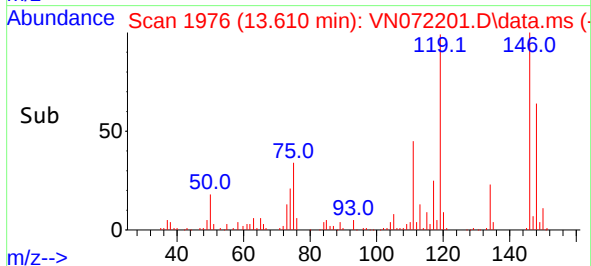
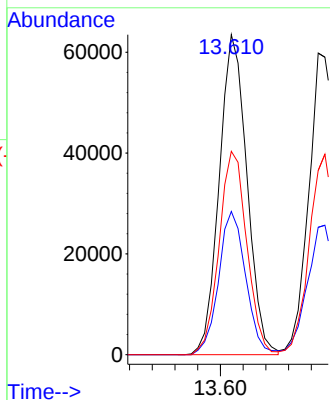
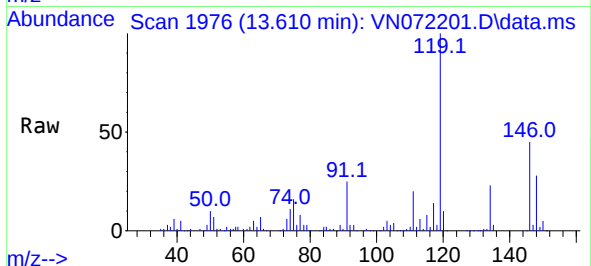
VSTDICC020

Tgt Ion:146 Resp: 10762
Ion Ratio Lower Upper
146 100
111 44.0 20.0 60.0
148 63.7 32.0 96.0

Manual Integrations

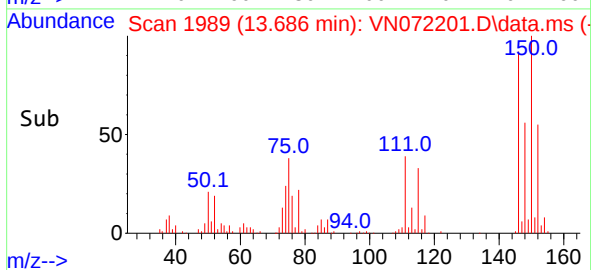
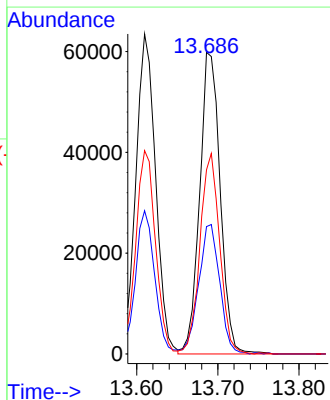
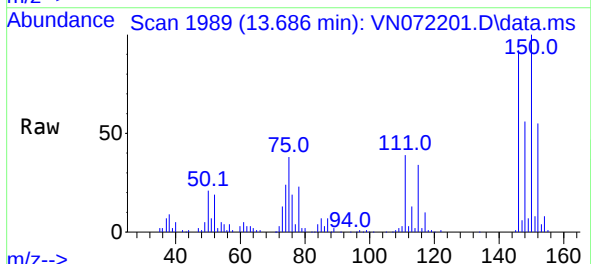
APPROVED

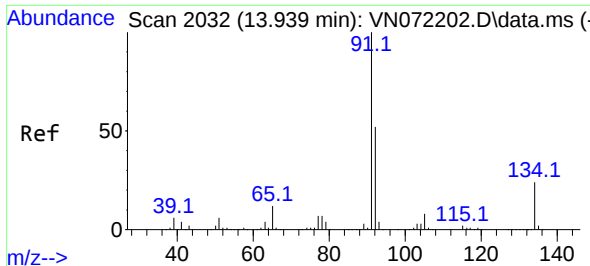
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#88
1,4-Dichlorobenzene
Concen: 19.210 ug/l
RT: 13.686 min Scan# 1989
Delta R.T. -0.006 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

Tgt Ion:146 Resp: 105214
Ion Ratio Lower Upper
146 100
111 44.0 19.1 57.1
148 63.9 31.4 94.3





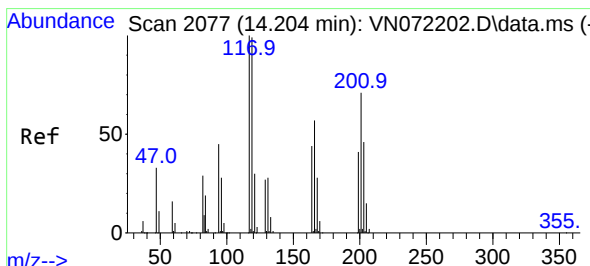
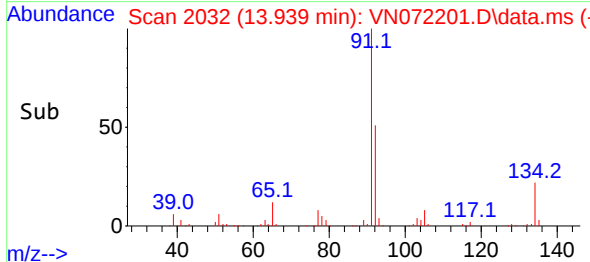
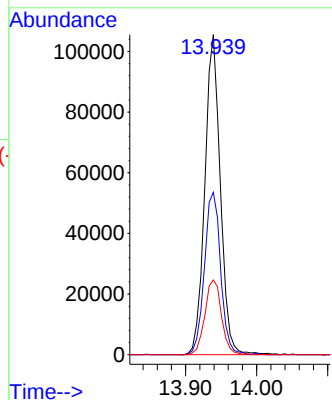
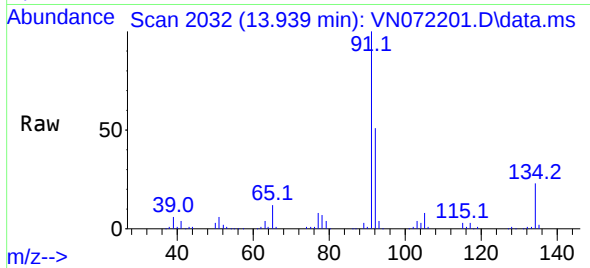
#89
n-Butylbenzene
Concen: 20.194 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 160740
Ion Ratio Lower Upper
91 100
92 52.9 26.9 80.7
134 25.0 13.6 40.8

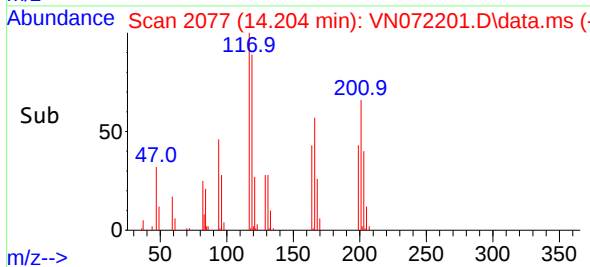
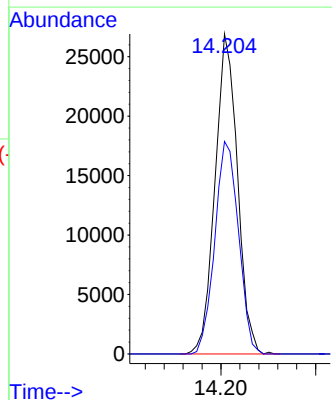
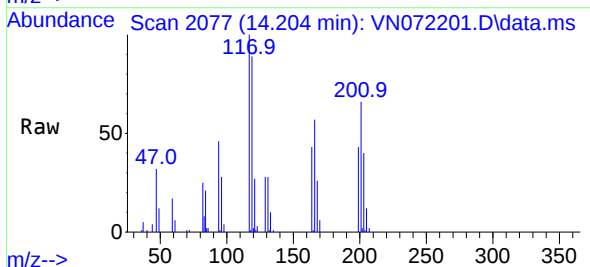
Manual Integrations
APPROVED

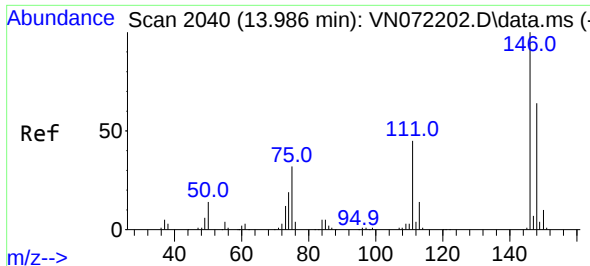
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#90
Hexachloroethane
Concen: 22.569 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

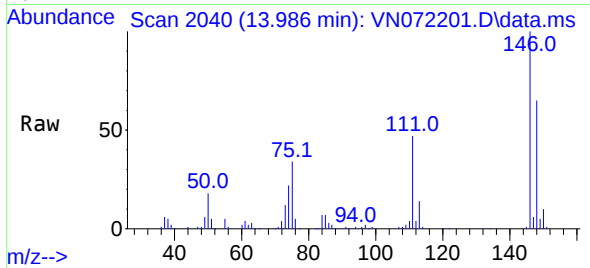
Tgt Ion:117 Resp: 44315
Ion Ratio Lower Upper
117 100
201 70.2 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 19.444 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

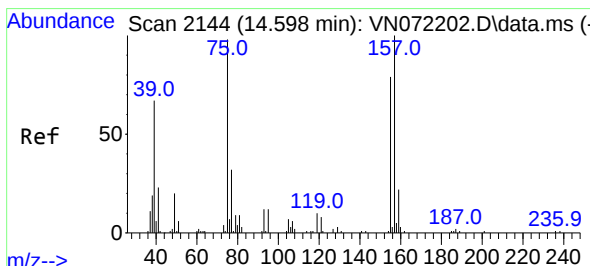
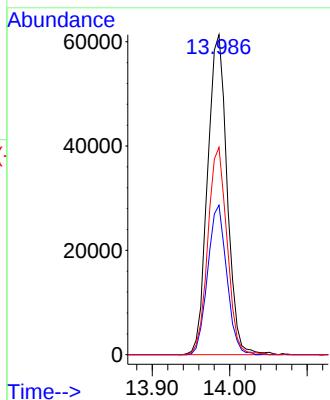
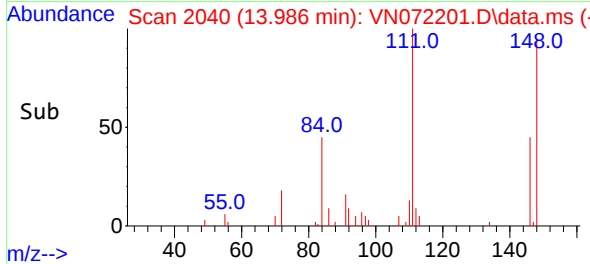
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



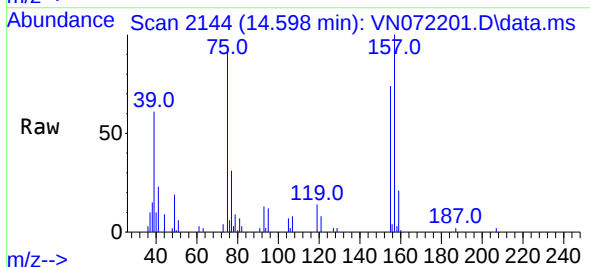
Tgt Ion:146 Resp: 107419
Ion Ratio Lower Upper
146 100
111 45.6 20.9 62.8
148 63.6 32.1 96.3

Manual Integrations
APPROVED

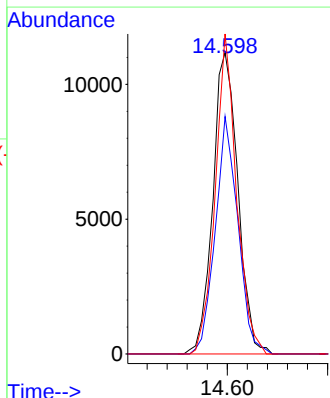
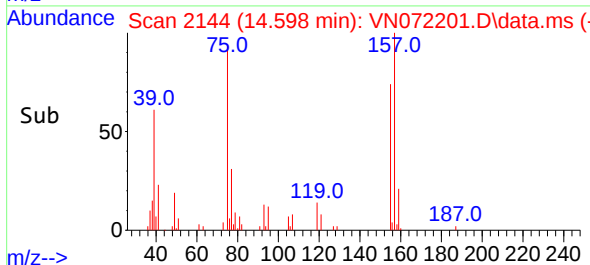
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

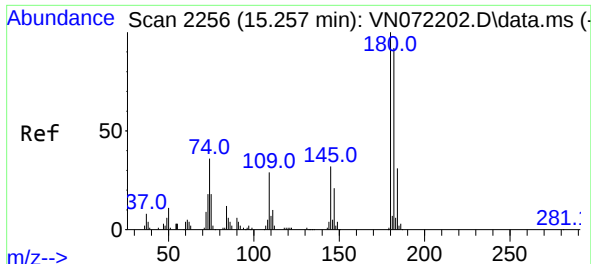


#92
1,2-Dibromo-3-Chloropropane
Concen: 25.277 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01



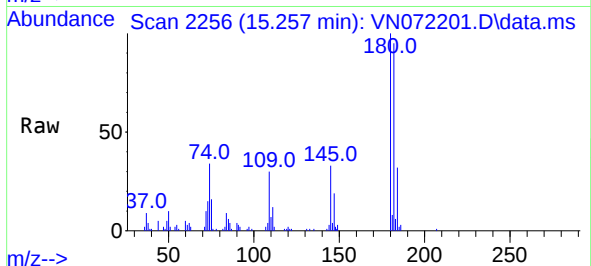
Tgt Ion: 75 Resp: 19358
Ion Ratio Lower Upper
75 100
155 71.4 44.9 134.5
157 90.6 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 20.636 ug/l
RT: 15.257 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

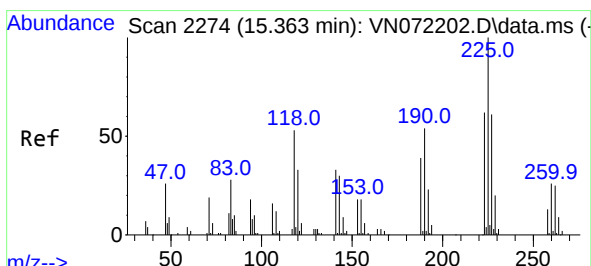
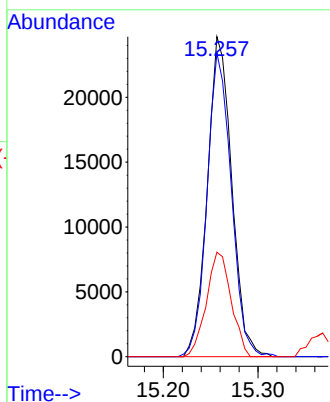
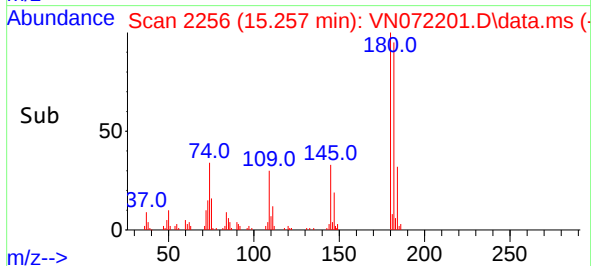
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



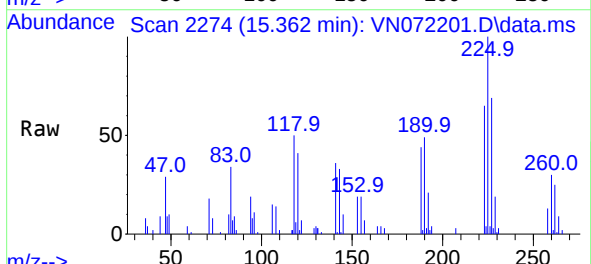
Tgt Ion:180 Resp: 44270
Ion Ratio Lower Upper
180 100
182 94.0 47.5 142.5
145 33.0 14.5 43.5

Manual Integrations
APPROVED

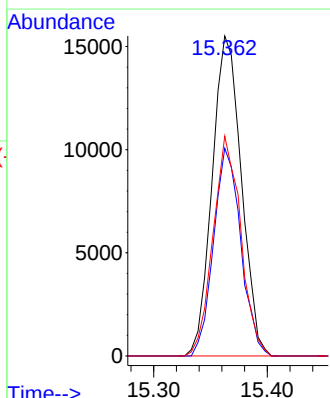
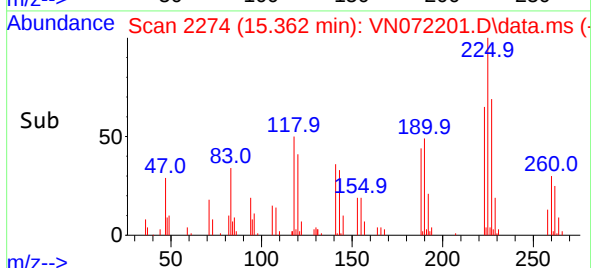
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

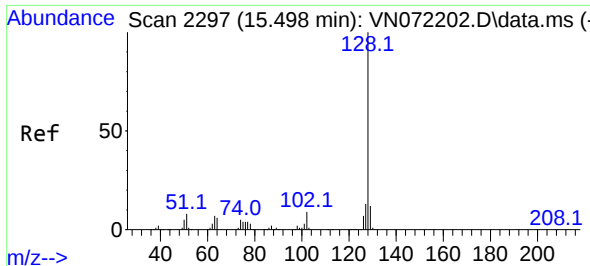


#94
Hexachlorobutadiene
Concen: 17.301 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01



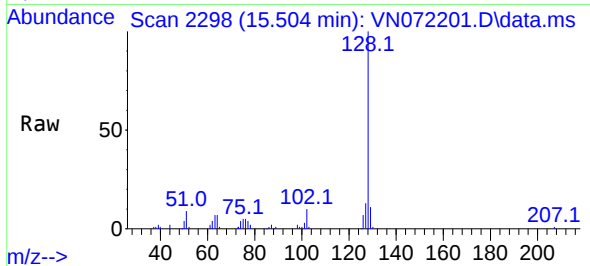
Tgt Ion:225 Resp: 27657
Ion Ratio Lower Upper
225 100
223 60.6 32.4 97.2
227 65.2 31.8 95.4





#95
Naphthalene
Concen: 22.281 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

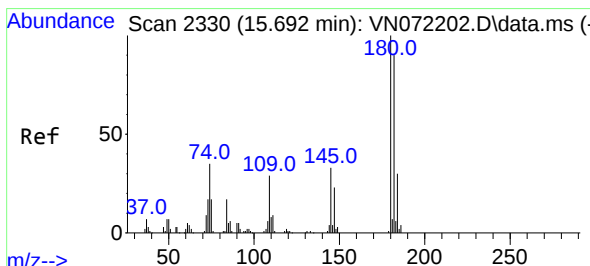
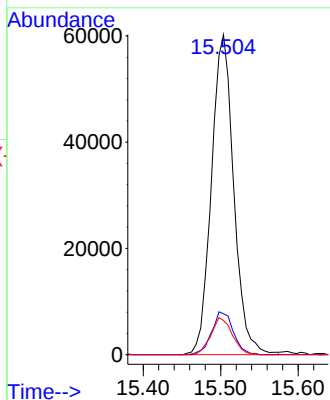
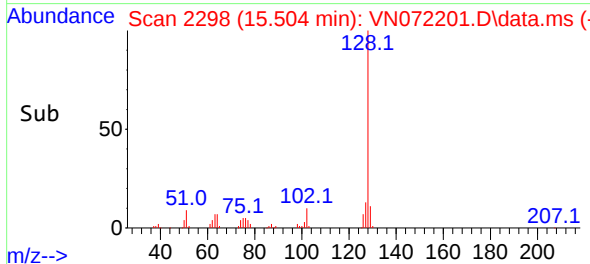
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:128 Resp: 120570
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.1 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#96
1,2,3-Trichlorobenzene
Concen: 21.930 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

Tgt Ion:180 Resp: 43817
Ion Ratio Lower Upper
180 100
182 95.2 47.8 143.3
145 35.7 15.5 46.5

