

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042622\
 Data File : VN072196.D
 Acq On : 26 Apr 2022 13:22
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Apr 27 06:29:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	236889	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	394399	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	370170	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	147996	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.433	65	180341	49.588	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.180%
35) Dibromofluoromethane	8.016	113	137612	54.513	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	109.020%
50) Toluene-d8	10.439	98	505855	50.997	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.000%
62) 4-Bromofluorobenzene	12.727	95	192355	58.424	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	116.840%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.069	85	152610	57.503	ug/l	99
3) Chloromethane	2.299	50	170821	57.454	ug/l	96
4) Vinyl Chloride	2.440	62	140605	52.726	ug/l	97
5) Bromomethane	2.822	94	72676	57.258	ug/l	100
6) Chloroethane	2.999	64	85617	57.033	ug/l	97
7) Trichlorofluoromethane	3.363	101	249332	53.517	ug/l	95
8) Diethyl Ether	3.822	74	95116	56.382	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.210	101	137271	56.093	ug/l	95
10) Methyl Iodide	4.422	142	168835	56.836	ug/l	# 87
11) Tert butyl alcohol	5.369	59	157706	263.877	ug/l	99
12) 1,1-Dichloroethene	4.181	96	123462	54.569	ug/l	91
13) Acrolein	4.040	56	56782	94.409	ug/l	98
14) Allyl chloride	4.840	41	255642	54.420	ug/l	# 92
15) Acrylonitrile	5.551	53	492080	272.847	ug/l	100
16) Acetone	4.281	43	404430	257.934	ug/l	98
17) Carbon Disulfide	4.528	76	306512	57.525	ug/l	98
18) Methyl Acetate	4.845	43	238552	54.426	ug/l	90
19) Methyl tert-butyl Ether	5.610	73	501648	56.565	ug/l	98
20) Methylene Chloride	5.093	84	158692	52.800	ug/l	89
21) trans-1,2-Dichloroethene	5.593	96	137989	55.310	ug/l	91
22) Diisopropyl ether	6.492	45	548009	56.636	ug/l	97
23) Vinyl Acetate	6.428	43	2358378	290.210	ug/l	94
24) 1,1-Dichloroethane	6.387	63	296018	54.693	ug/l	99
25) 2-Butanone	7.328	43	666675	266.981	ug/l	90
26) 2,2-Dichloropropane	7.322	77	214202	50.665	ug/l	96
27) cis-1,2-Dichloroethene	7.322	96	167926	55.212	ug/l	92
28) Bromochloromethane	7.651	49	119230	49.196	ug/l	# 81
29) Tetrahydrofuran	7.681	42	446979	272.755	ug/l	88
30) Chloroform	7.810	83	299657	55.142	ug/l	96
31) Cyclohexane	8.092	56	261720	53.860	ug/l	87
32) 1,1,1-Trichloroethane	8.010	97	258006	55.790	ug/l	99
36) 1,1-Dichloropropene	8.216	75	210673	57.335	ug/l	97
37) Ethyl Acetate	7.404	43	264722	54.250	ug/l	96
38) Carbon Tetrachloride	8.204	117	220271	55.972	ug/l	99
39) Methylcyclohexane	9.457	83	248634	60.501	ug/l	93
40) Benzene	8.457	78	650705	57.093	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	145857	59.086	ug/l #	81
42) 1,2-Dichloroethane	8.528	62	247286	56.673	ug/l	98
43) Isopropyl Acetate	8.557	43	420399	54.793	ug/l	94
44) Trichloroethene	9.210	130	148978	56.192	ug/l	89
45) 1,2-Dichloropropane	9.486	63	176228	57.222	ug/l	98
46) Dibromomethane	9.575	93	112161	58.137	ug/l	91
47) Bromodichloromethane	9.757	83	238918	59.021	ug/l	100
48) Methyl methacrylate	9.557	41	201507	62.516	ug/l	92
49) 1,4-Dioxane	9.569	88	70491	1244.965	ug/l #	89
51) 4-Methyl-2-Pentanone	10.327	43	1374746	298.590	ug/l	95
52) Toluene	10.498	92	417673	61.301	ug/l	98
53) t-1,3-Dichloropropene	10.716	75	250623	61.590	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	270466	61.459	ug/l	95
55) 1,1,2-Trichloroethane	10.892	97	167230	58.536	ug/l	97
56) Ethyl methacrylate	10.757	69	277830	55.269	ug/l	92
57) 1,3-Dichloropropane	11.039	76	291576	58.162	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.033	63	337208	250.477	ug/l	93
59) 2-Hexanone	11.080	43	967624	298.295	ug/l	93
60) Dibromochloromethane	11.233	129	176185	60.310	ug/l	98
61) 1,2-Dibromoethane	11.339	107	165360	58.856	ug/l	100
64) Tetrachloroethene	10.975	164	124570	55.906	ug/l	95
65) Chlorobenzene	11.763	112	429170	57.380	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.833	131	163395	57.977	ug/l	97
67) Ethyl Benzene	11.839	91	811016	62.177	ug/l	98
68) m/p-Xylenes	11.951	106	591657	122.152	ug/l	92
69) o-Xylene	12.274	106	293991	62.610	ug/l	94
70) Styrene	12.292	104	478171	64.650	ug/l	97
71) Bromoform	12.457	173	126661	60.428	ug/l #	99
73) Isopropylbenzene	12.574	105	784670	60.031	ug/l	97
74) N-amyl acetate	12.386	43	278512	56.874	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.821	83	246117	56.647	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	192288m	54.993	ug/l	
77) Bromobenzene	12.857	156	166283	53.795	ug/l	85
78) n-propylbenzene	12.916	91	879139	61.053	ug/l	96
79) 2-Chlorotoluene	13.004	91	544654	57.585	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	657730	60.422	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.621	75	74130	57.916	ug/l	95
82) 4-Chlorotoluene	13.098	91	511636	58.111	ug/l	94
83) tert-Butylbenzene	13.321	119	565976	59.217	ug/l	94
84) 1,2,4-Trimethylbenzene	13.363	105	642692	61.021	ug/l	95
85) sec-Butylbenzene	13.498	105	780284	62.620	ug/l	97
86) p-Isopropyltoluene	13.610	119	623956	64.229	ug/l	96
87) 1,3-Dichlorobenzene	13.610	146	285432	57.054	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	277734	57.086	ug/l	98
89) n-Butylbenzene	13.939	91	481249	64.676	ug/l	98
90) Hexachloroethane	14.204	117	116638	55.309	ug/l	88
91) 1,2-Dichlorobenzene	13.980	146	277602	56.298	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	46822	51.793	ug/l	80
93) 1,2,4-Trichlorobenzene	15.262	180	122070	53.379	ug/l	98
94) Hexachlorobutadiene	15.368	225	71252	53.925	ug/l	99
95) Naphthalene	15.504	128	380851	49.711	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	121524	53.305	ug/l	97

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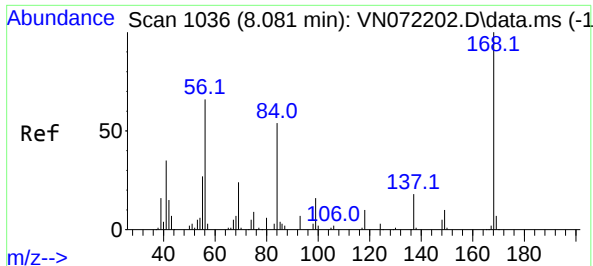
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

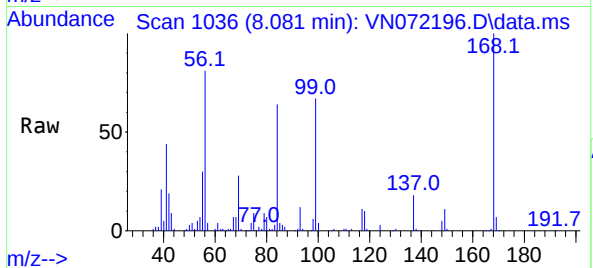
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072196.D
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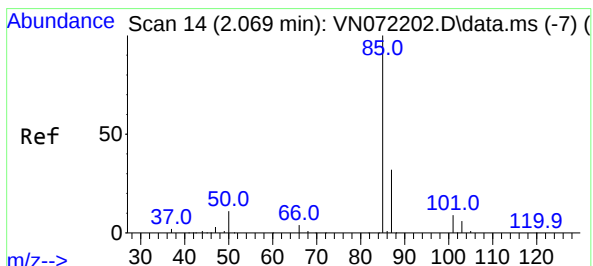
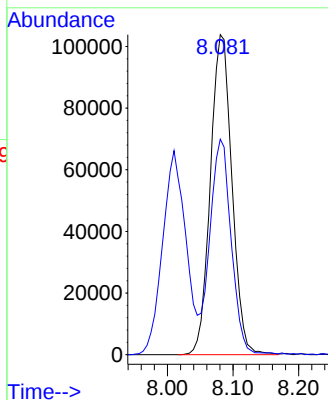
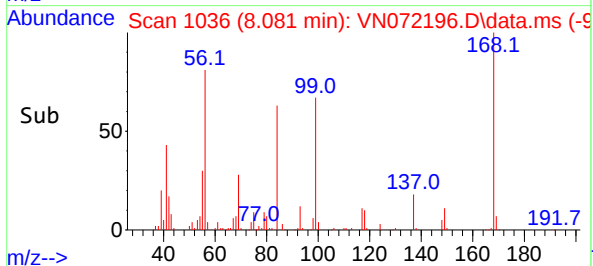
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



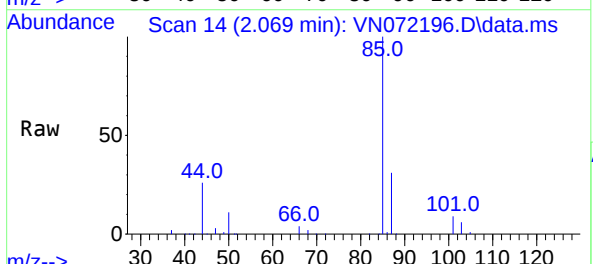
Tgt Ion:168 Resp: 236889
Ion Ratio Lower Upper
168 100
99 67.1 42.3 63.5

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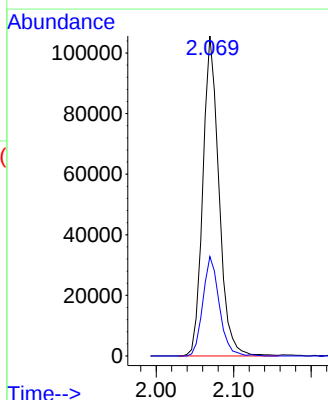
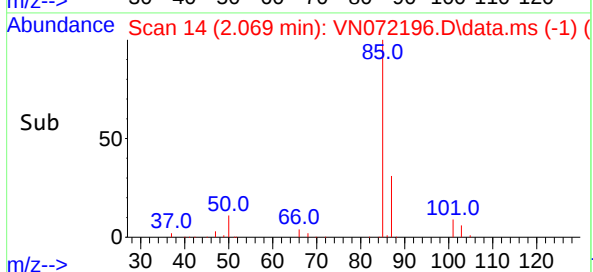
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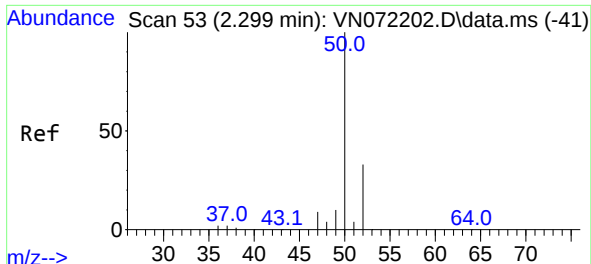


#2
Dichlorodifluoromethane
Concen: 57.503 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN072196.D
Acq: 26 Apr 2022 13:22



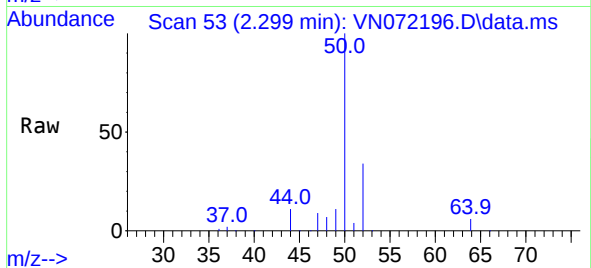
Tgt Ion: 85 Resp: 152610
Ion Ratio Lower Upper
85 100
87 31.1 15.7 47.1





#3
Chloromethane
Concen: 57.454 ug/l
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN072196.D
Acq: 26 Apr 2022 13:22

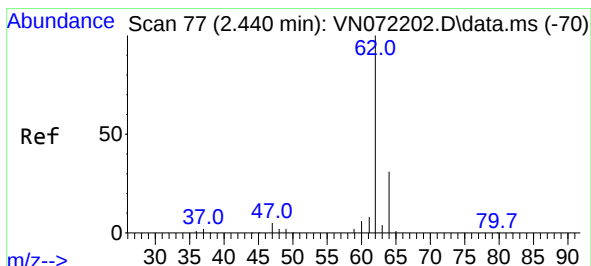
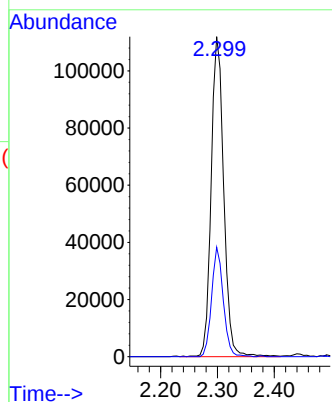
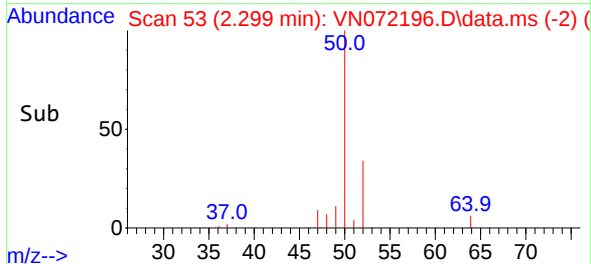
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Tgt Ion: 50 Resp: 17082
Ion Ratio Lower Upper
50 100
52 34.2 25.7 38.5

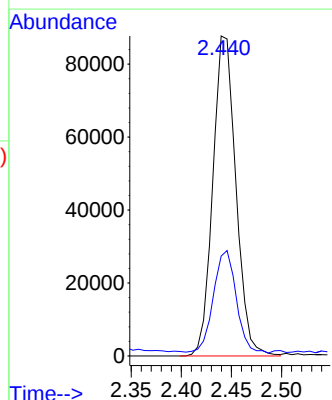
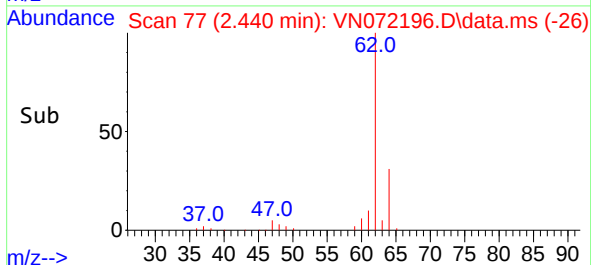
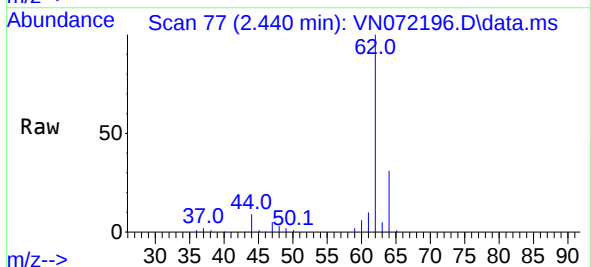
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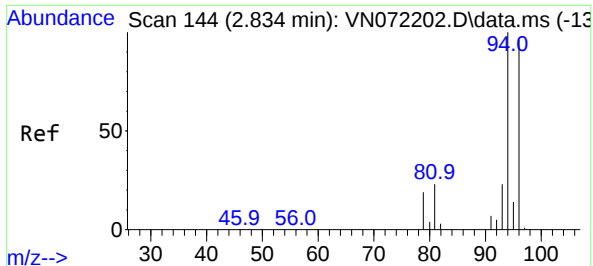
Reviewed By :John Carlone 04/27/2022
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#4
Vinyl Chloride
Concen: 52.726 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.000 min
Lab File: VN072196.D
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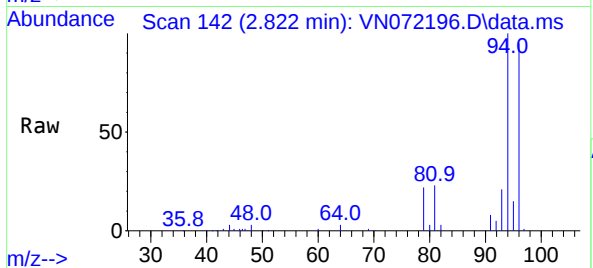
Tgt Ion: 62 Resp: 140605
Ion Ratio Lower Upper
62 100
64 29.8 25.0 37.4





#5
Bromomethane
Concen: 57.258 ug/l
RT: 2.822 min Scan# 144
Delta R.T. -0.012 min
Lab File: VN072196.D
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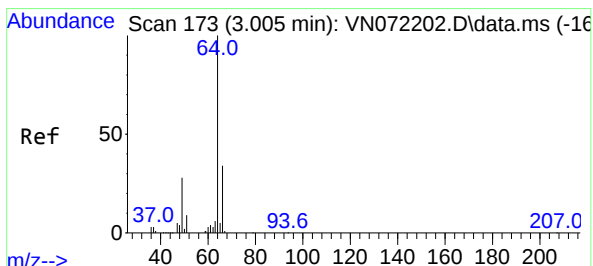
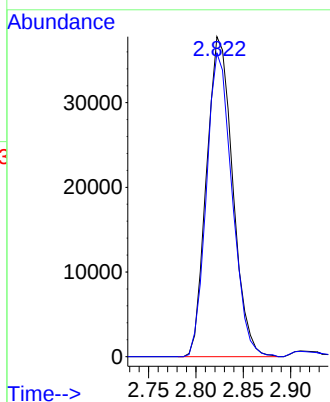
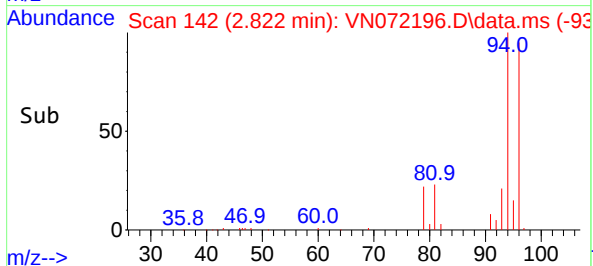
Instrument :
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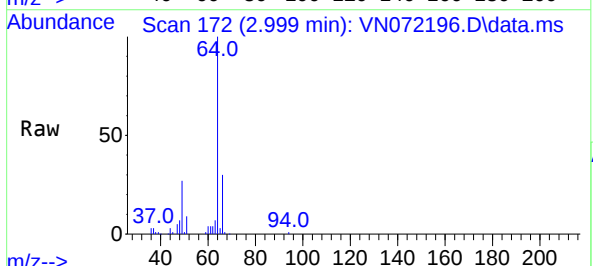
Tgt Ion: 94 Resp: 72670
Ion Ratio Lower Upper
94 100
96 94.8 76.0 114.0

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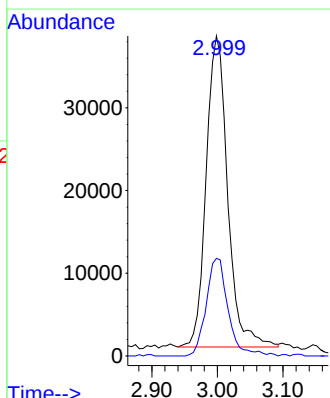
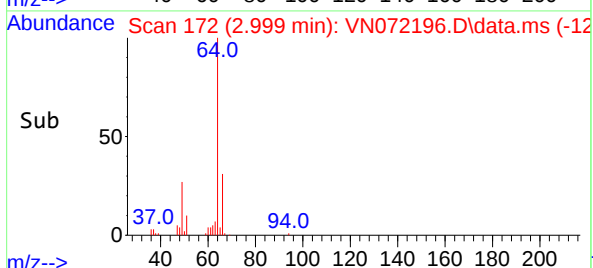
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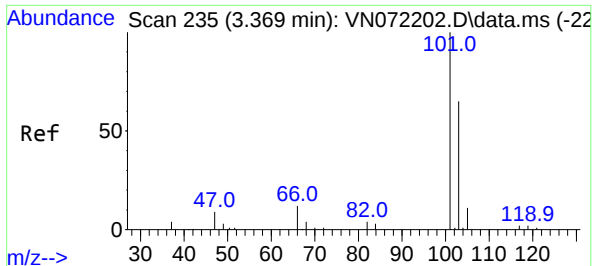


#6
Chloroethane
Concen: 57.033 ug/l
RT: 2.999 min Scan# 172
Delta R.T. -0.006 min
Lab File: VN072196.D
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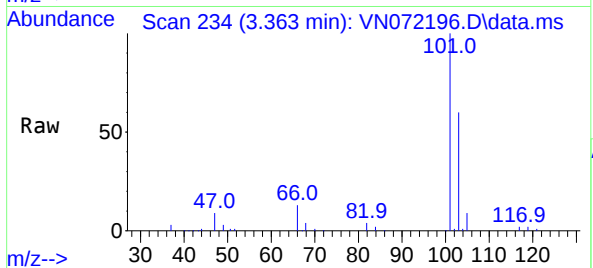
Tgt Ion: 64 Resp: 85617
Ion Ratio Lower Upper
64 100
66 31.4 26.2 39.4





#7
Trichlorofluoromethane
Concen: 53.517 ug/l
RT: 3.363 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN072196.D
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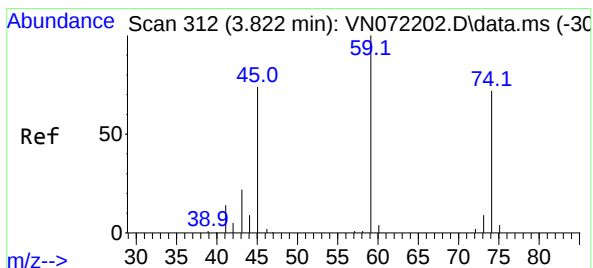
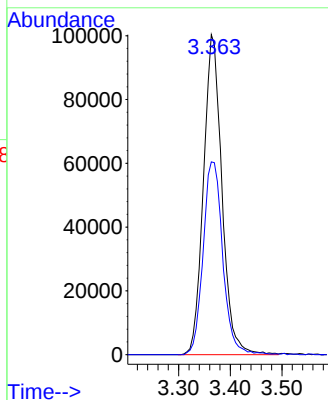
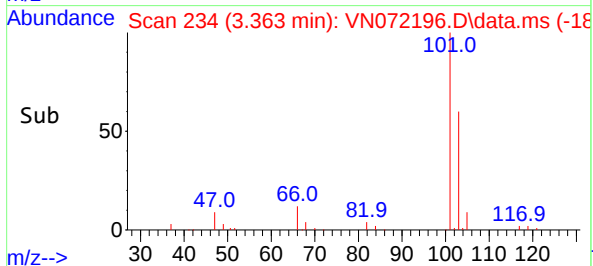
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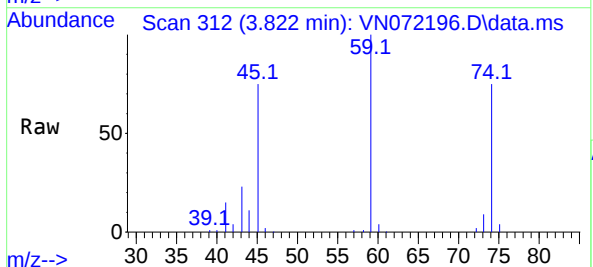
Tgt Ion:101 Resp: 24933
Ion Ratio Lower Upper
101 100
103 60.3 51.5 77.3

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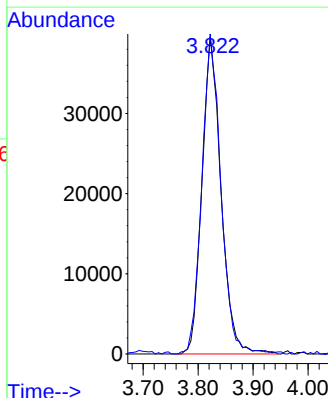
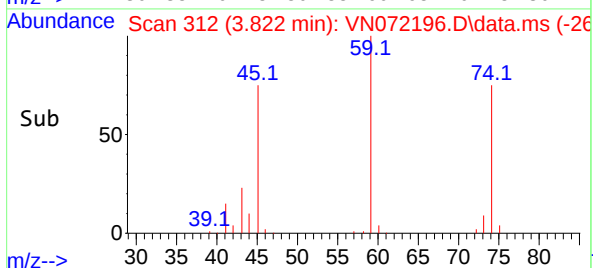
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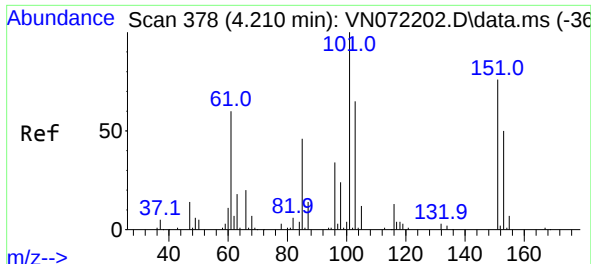


#8
Diethyl Ether
Concen: 56.382 ug/l
RT: 3.822 min Scan# 312
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 95116
Ion Ratio Lower Upper
74 100
45 101.9 42.9 128.5





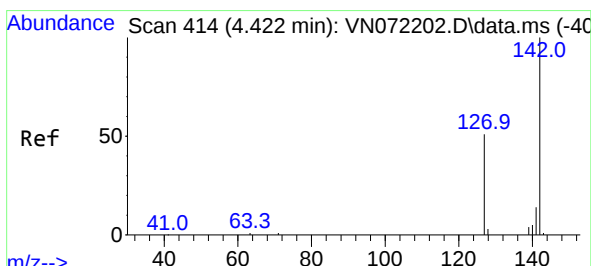
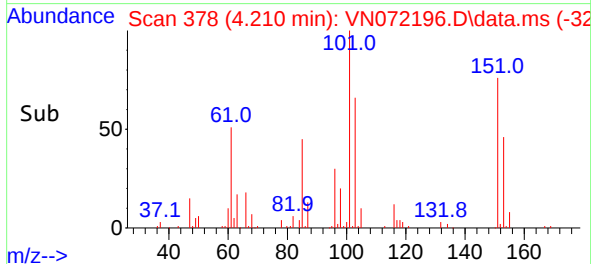
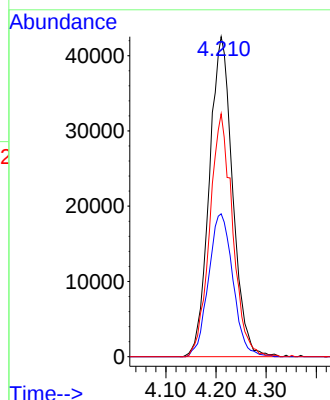
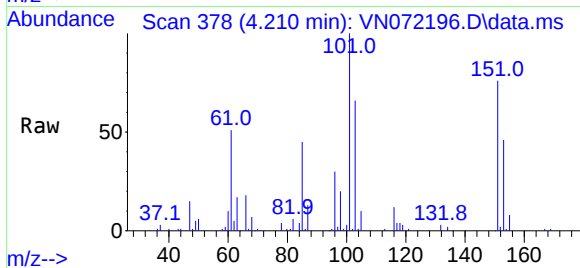
#9
1,1,2-Trichlorotrifluoroethane
Concen: 56.093 ug/l
RT: 4.210 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN072196.D
Acq: 26 Apr 2022 13:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 13727
Ion Ratio Lower Upper
101 100
85 46.7 34.7 52.1
151 74.5 63.0 94.4

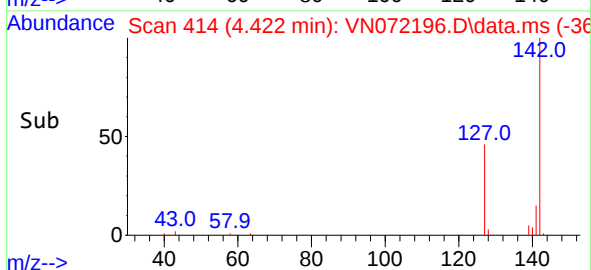
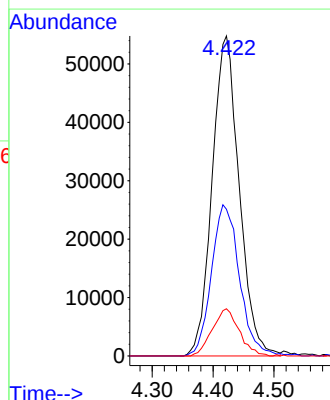
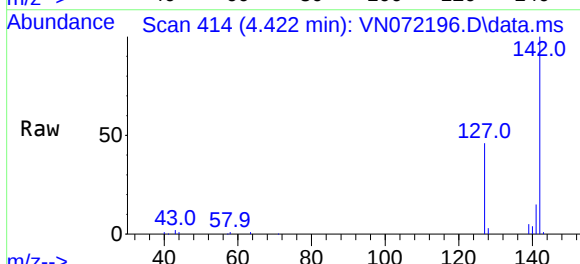
Manual Integrations
APPROVED

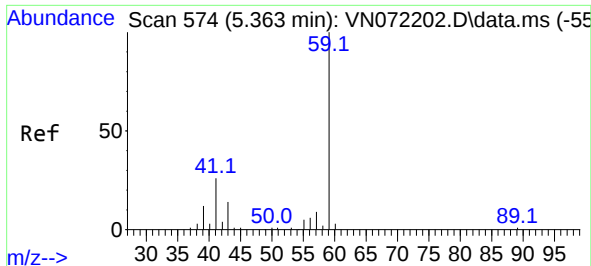
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#10
Methyl Iodide
Concen: 56.836 ug/l
RT: 4.422 min Scan# 414
Delta R.T. -0.000 min
Lab File: VN072196.D
Acq: 26 Apr 2022 13:22

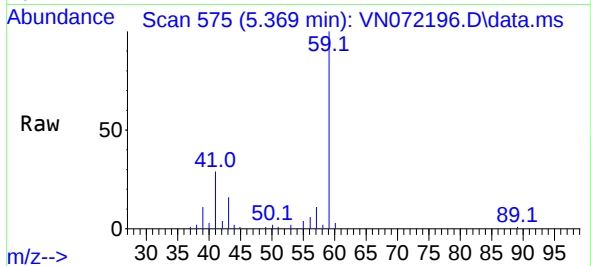
Tgt Ion:142 Resp: 168835
Ion Ratio Lower Upper
142 100
127 49.2 31.3 46.9#
141 14.7 11.2 16.8





#11
Tert butyl alcohol
Concen: 263.877 ug/l
RT: 5.369 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN072196.D
Acq: 26 Apr 2022 13:22

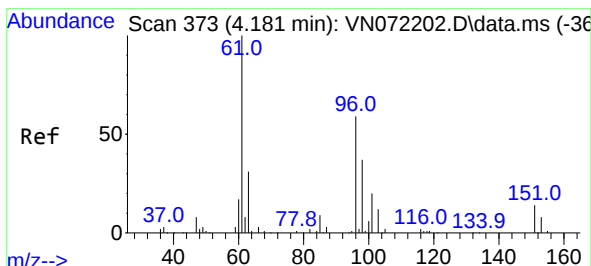
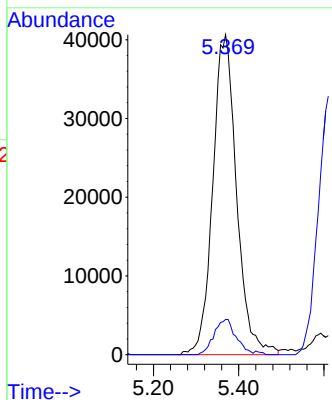
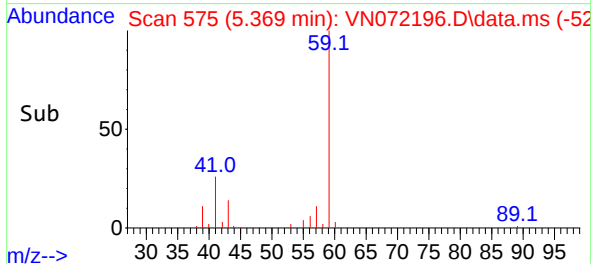
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



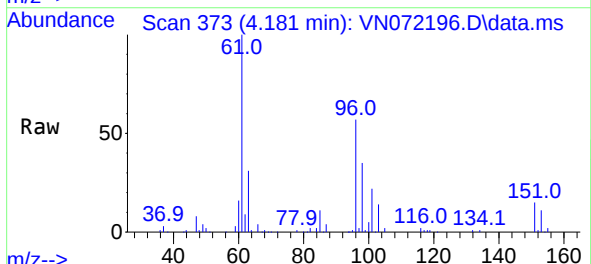
Tgt Ion: 59 Resp: 157700
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5

Manual Integrations
APPROVED

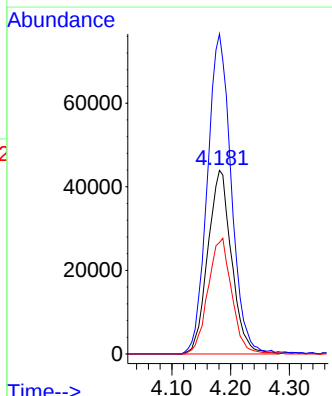
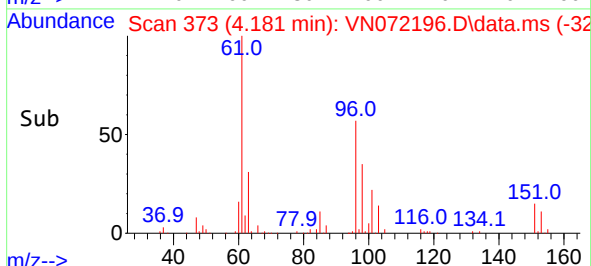
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

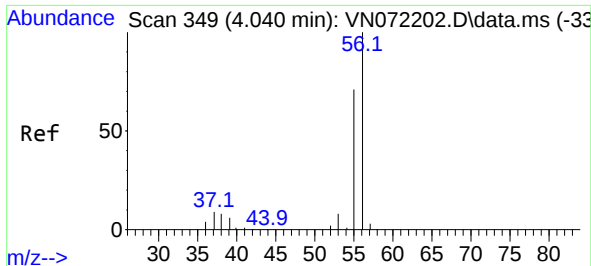


#12
1,1-Dichloroethene
Concen: 54.569 ug/l
RT: 4.181 min Scan# 373
Delta R.T. -0.000 min
Lab File: VN072196.D
Acq: 26 Apr 2022 13:22



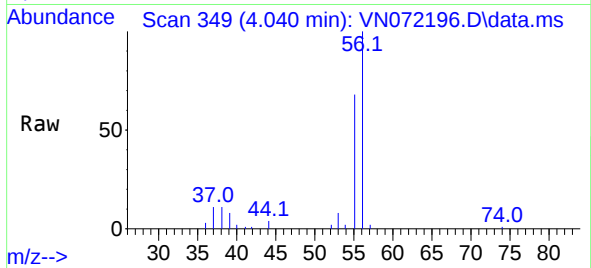
Tgt Ion: 96 Resp: 123462
Ion Ratio Lower Upper
96 100
61 174.2 127.6 191.4
98 60.7 51.2 76.8





#13
Acrolein
Concen: 94.409 ug/l
RT: 4.040 min Scan# 349
Delta R.T. -0.000 min
Lab File: VN072196.D
Acq: 26 Apr 2022 13:22

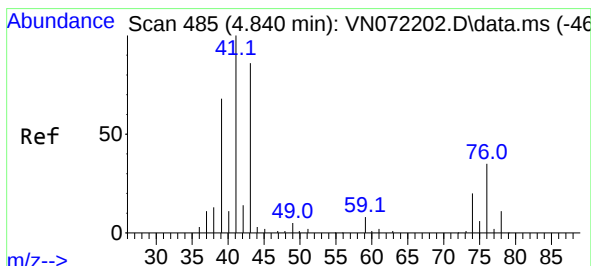
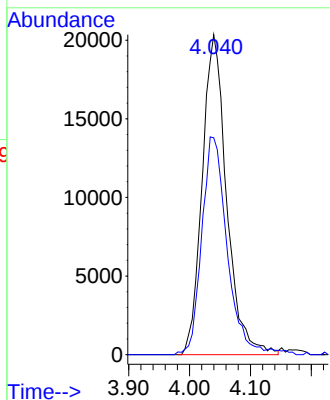
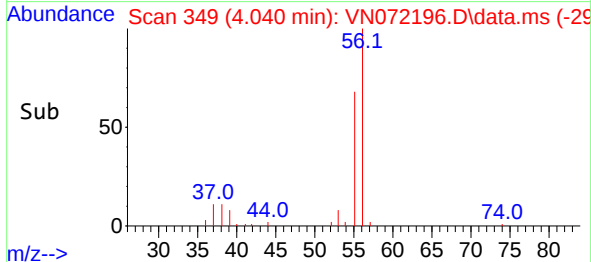
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



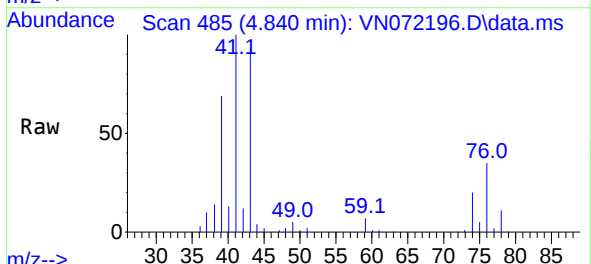
Tgt Ion: 56 Resp: 5678
Ion Ratio Lower Upper
56 100
55 69.9 54.8 82.2

Manual Integrations
APPROVED

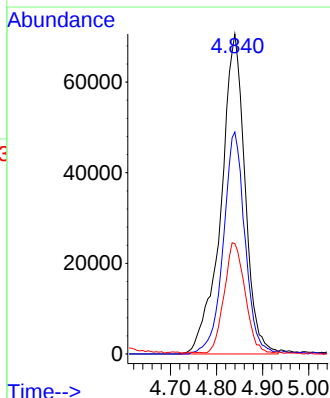
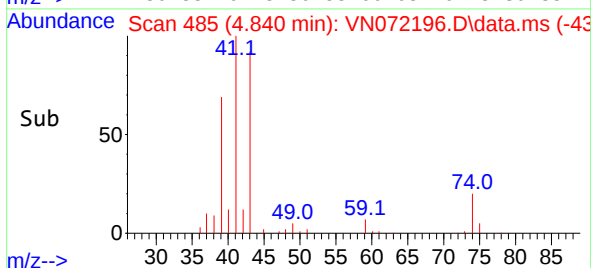
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

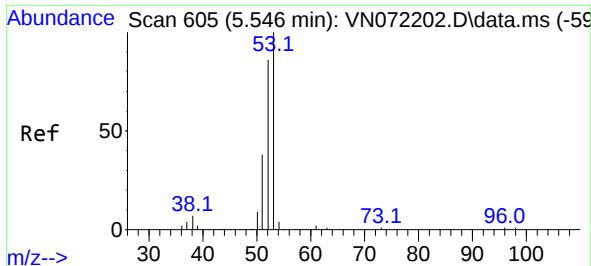


#14
Allyl chloride
Concen: 54.420 ug/l
RT: 4.840 min Scan# 485
Delta R.T. -0.000 min
Lab File: VN072196.D
Acq: 26 Apr 2022 13:22



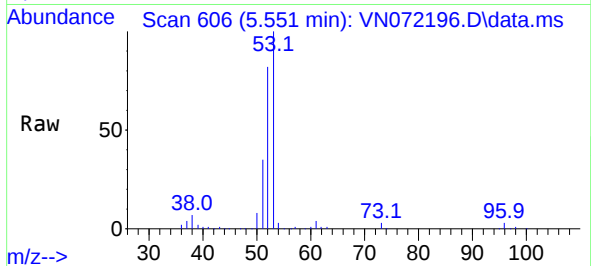
Tgt Ion: 41 Resp: 255642
Ion Ratio Lower Upper
41 100
39 62.7 53.2 79.8
76 29.7 29.9 44.9#





#15
Acrylonitrile
Concen: 272.847 ug/l
RT: 5.551 min Scan# 605
Delta R.T. 0.005 min
Lab File: VN072196.D
Acq: 26 Apr 2022 13:22

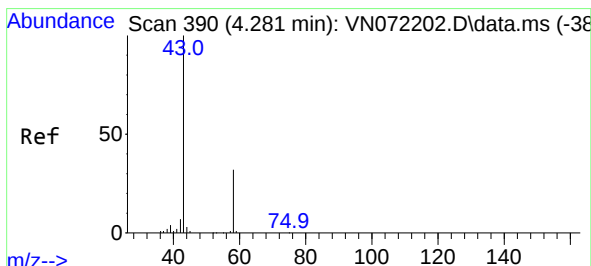
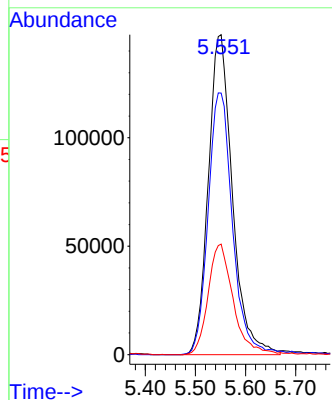
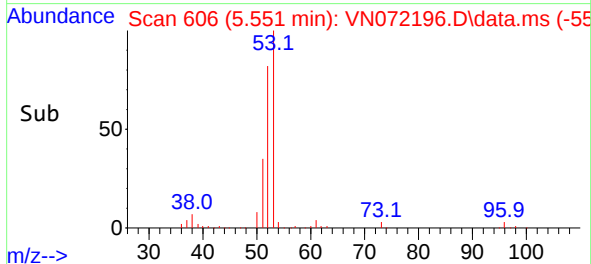
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 492080
Ion Ratio Lower Upper
53 100
52 82.8 66.4 99.6
51 36.2 28.5 42.7

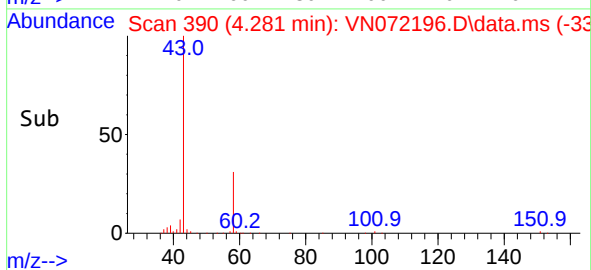
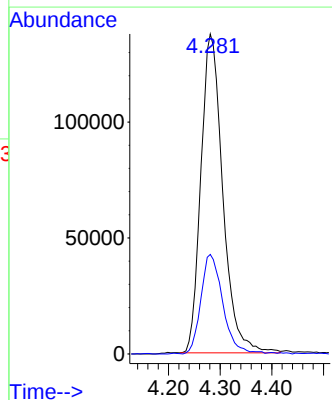
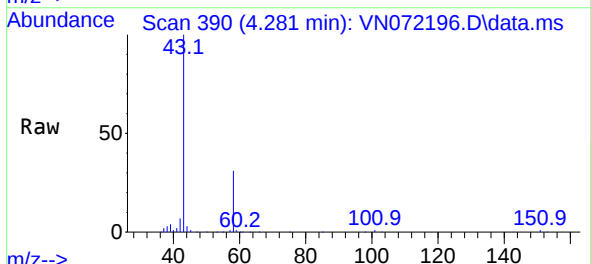
Manual Integrations
APPROVED

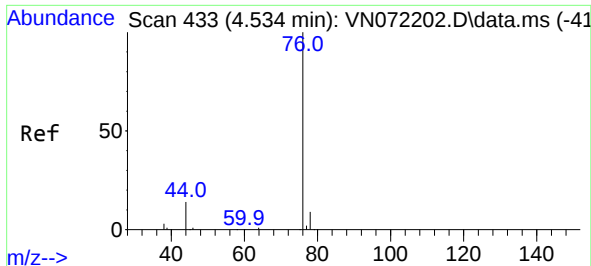
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#16
Acetone
Concen: 257.934 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.000 min
Lab File: VN072196.D
Acq: 26 Apr 2022 13:22

Tgt Ion: 43 Resp: 404430
Ion Ratio Lower Upper
43 100
58 31.1 26.0 39.0





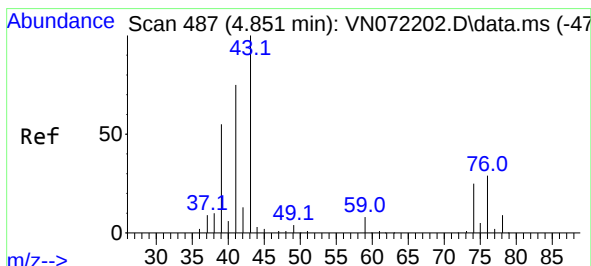
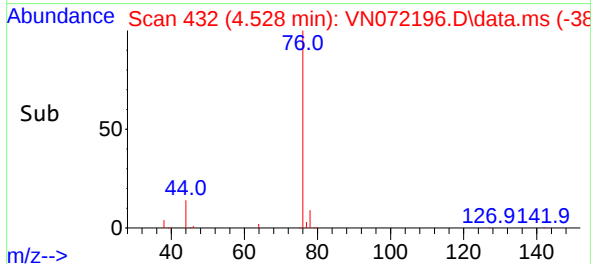
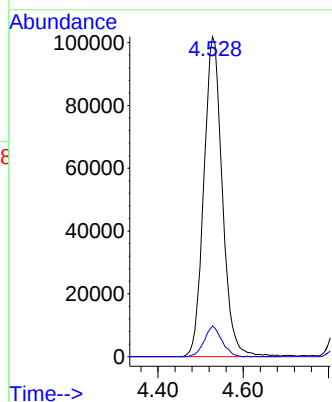
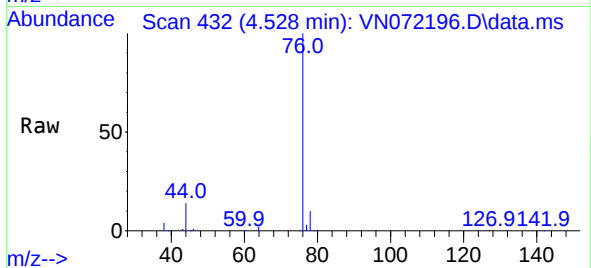
#17
Carbon Disulfide
Concen: 57.525 ug/l
RT: 4.528 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN072196.D
Acq: 26 Apr 2022 13:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 306512
Ion Ratio Lower Upper
76 100
78 9.6 7.2 10.8

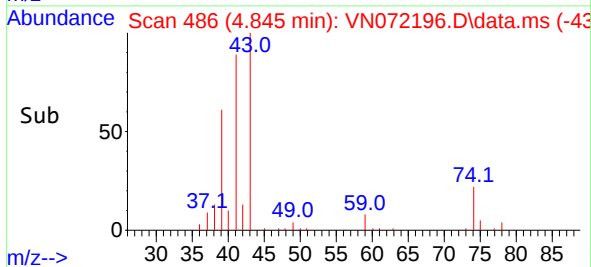
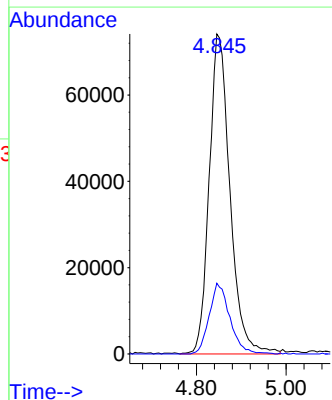
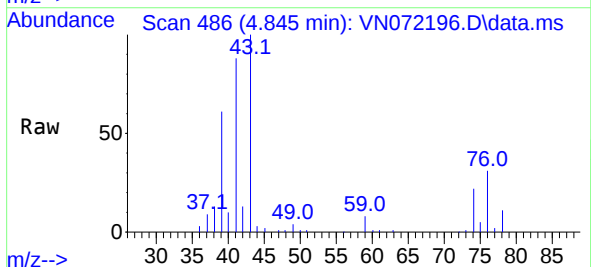
Manual Integrations
APPROVED

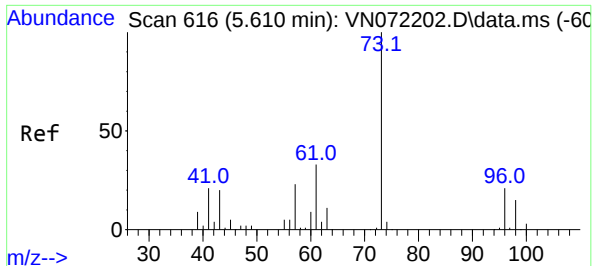
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#18
Methyl Acetate
Concen: 54.426 ug/l
RT: 4.845 min Scan# 486
Delta R.T. -0.006 min
Lab File: VN072196.D
Acq: 26 Apr 2022 13:22

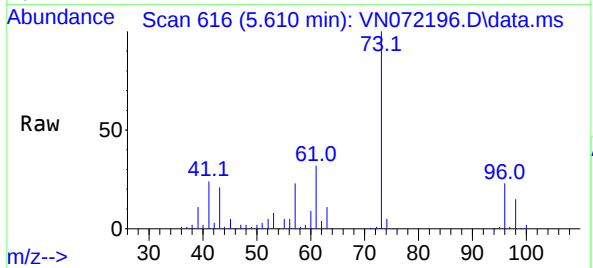
Tgt Ion: 43 Resp: 238552
Ion Ratio Lower Upper
43 100
74 22.0 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 56.565 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN072196.D
Acq: 26 Apr 2022 13:22

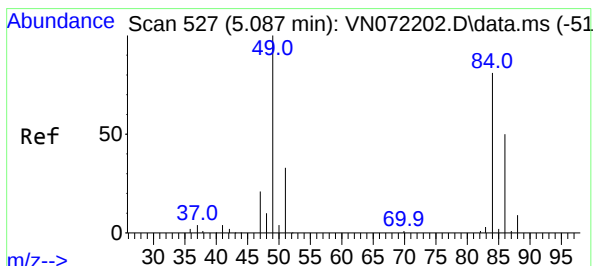
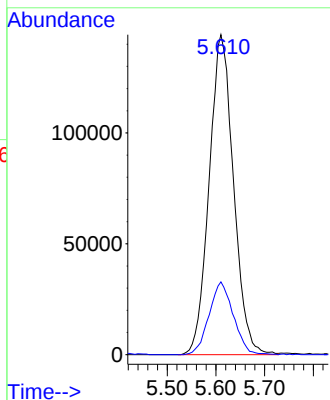
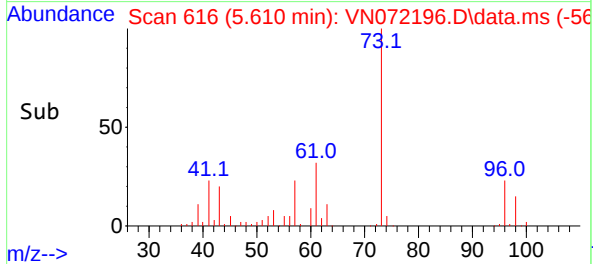
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



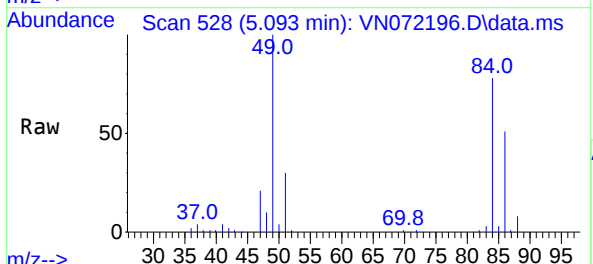
Tgt Ion: 73 Resp: 501648
Ion Ratio Lower Upper
73 100
57 22.7 17.6 26.4

Manual Integrations
APPROVED

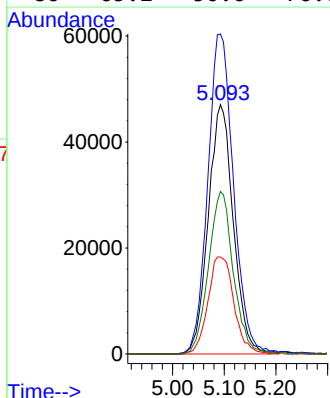
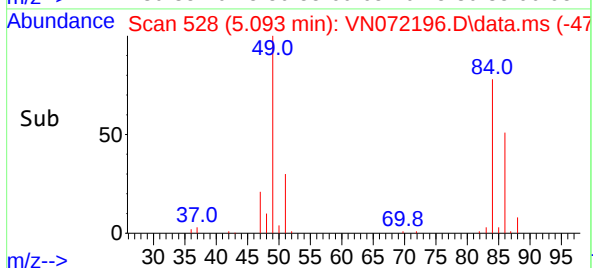
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

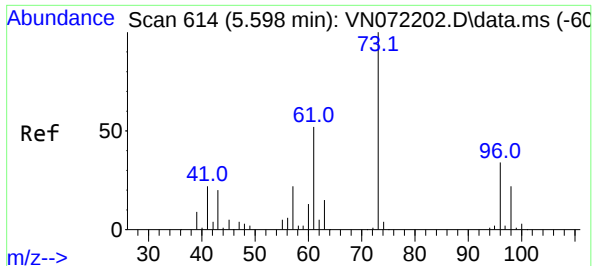


#20
Methylene Chloride
Concen: 52.800 ug/l
RT: 5.093 min Scan# 528
Delta R.T. 0.006 min
Lab File: VN072196.D
Acq: 26 Apr 2022 13:22



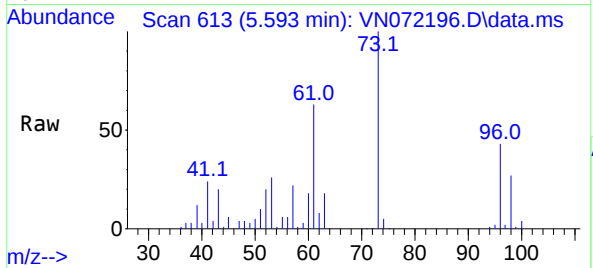
Tgt Ion: 84 Resp: 158692
Ion Ratio Lower Upper
84 100
49 128.3 88.3 132.5
51 38.9 28.2 42.2
86 65.2 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 55.310 ug/l
RT: 5.593 min Scan# 614
Delta R.T. -0.005 min
Lab File: VN072196.D
Acq: 26 Apr 2022 13:22

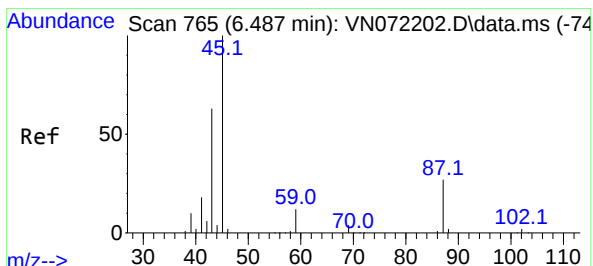
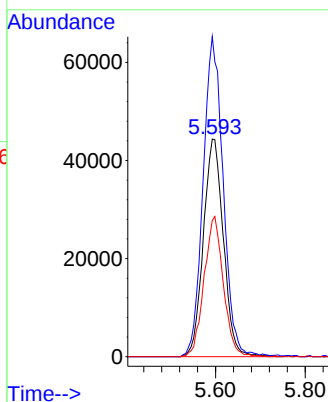
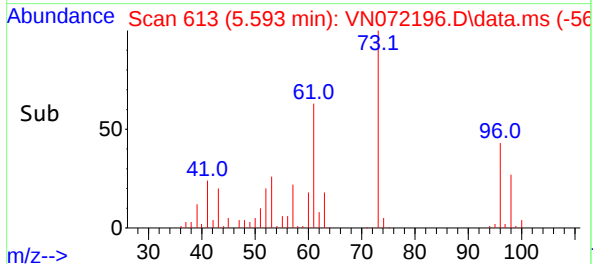
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



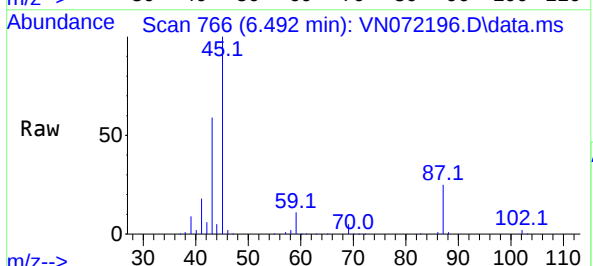
Tgt Ion: 96 Resp: 137989
Ion Ratio Lower Upper
96 100
61 147.0 105.8 158.8
98 62.5 50.3 75.5

Manual Integrations
APPROVED

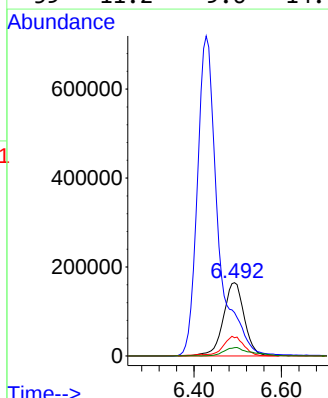
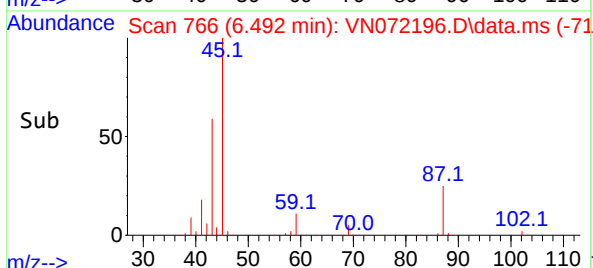
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

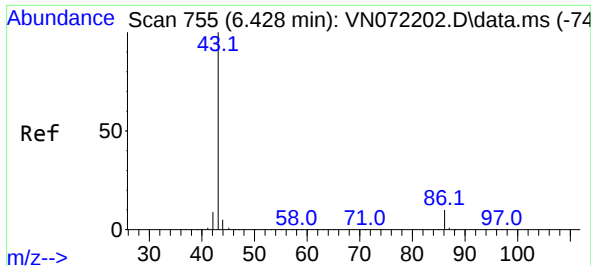


#22
Diisopropyl ether
Concen: 56.636 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.005 min
Lab File: VN072196.D
Acq: 26 Apr 2022 13:22



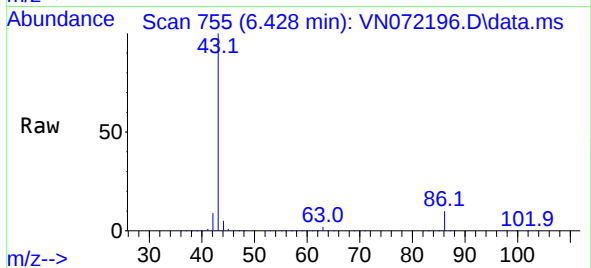
Tgt Ion: 45 Resp: 548009
Ion Ratio Lower Upper
45 100
43 58.5 46.6 70.0
87 24.9 24.3 36.5
59 11.2 9.6 14.4





#23
 Vinyl Acetate
 Concen: 290.210 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. -0.000 min
 Lab File: VN072196.D
 Acq: 26 Apr 2022 13:22

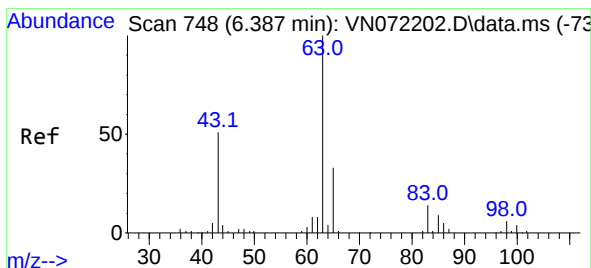
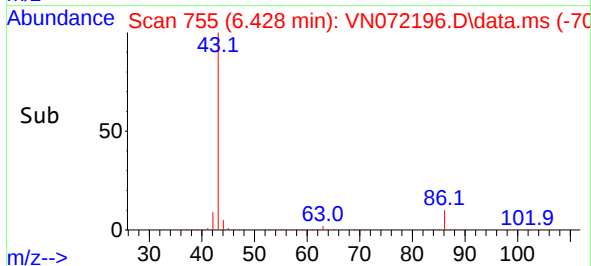
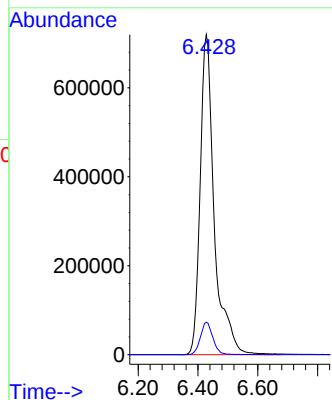
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 43 Resp: 2358378
 Ion Ratio Lower Upper
 43 100
 86 10.2 10.0 15.0

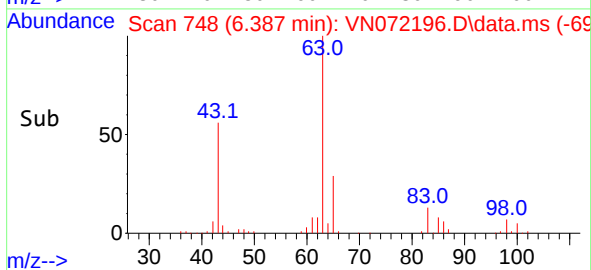
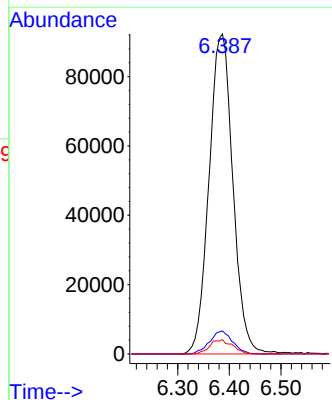
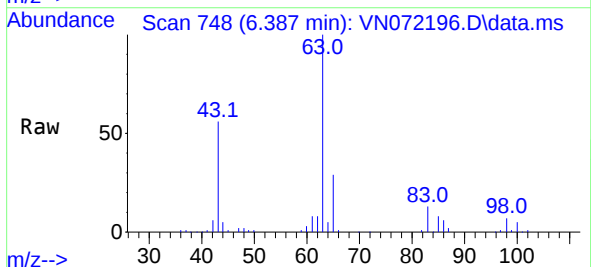
Manual Integrations
 APPROVED

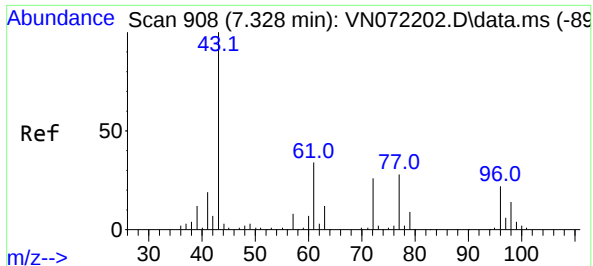
Reviewed By :John Carlone 04/27/2022
 Supervised By :Mahesh Dadoda 04/27/2022



#24
 1,1-Dichloroethane
 Concen: 54.693 ug/l
 RT: 6.387 min Scan# 748
 Delta R.T. -0.000 min
 Lab File: VN072196.D
 Acq: 26 Apr 2022 13:22

Tgt Ion: 63 Resp: 296018
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.4
 100 4.5 2.3 6.8





#25

2-Butanone

Concen: 266.981 ug/l

RT: 7.328 min Scan# 908

Delta R.T. -0.000 min

Lab File: VN072196.D

Acq: 26 Apr 2022 13:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 66667

Ion Ratio Lower Upper

43 100

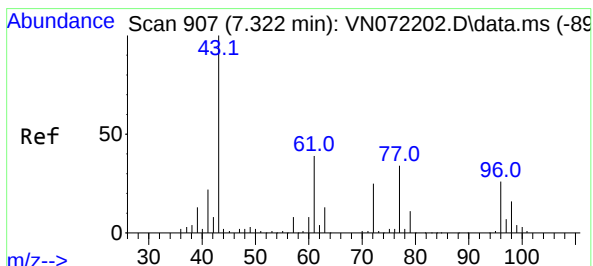
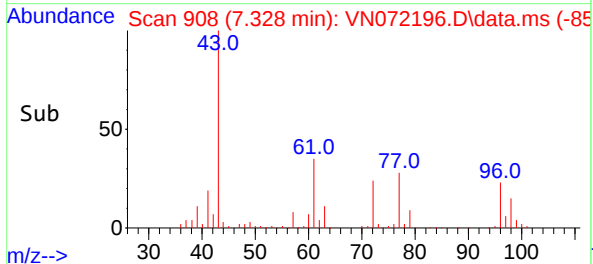
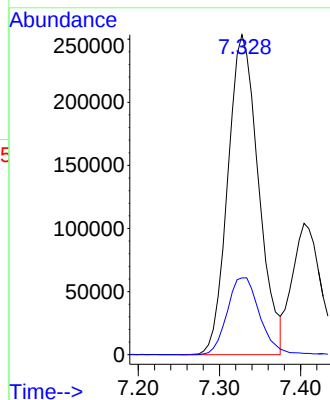
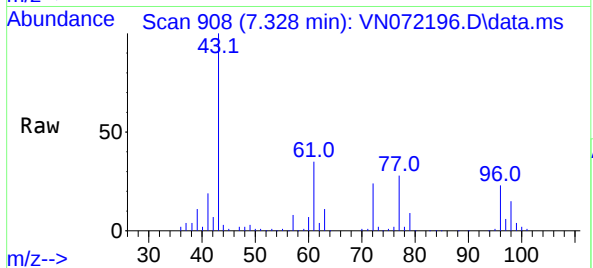
72 24.0 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/27/2022

Supervised By :Mahesh Dadoda 04/27/2022



#26

2,2-Dichloropropane

Concen: 50.665 ug/l

RT: 7.322 min Scan# 907

Delta R.T. -0.000 min

Lab File: VN072196.D

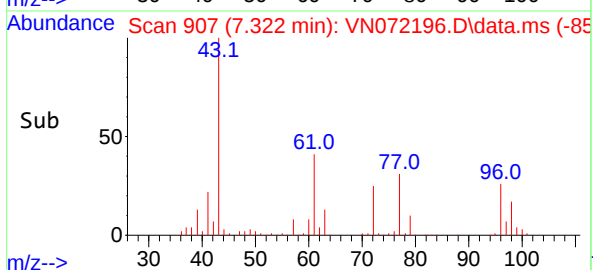
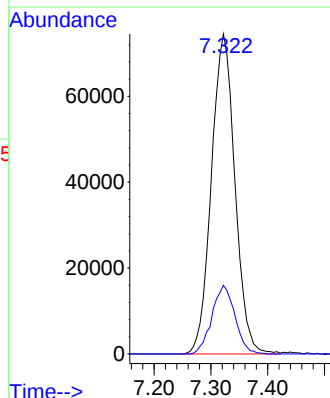
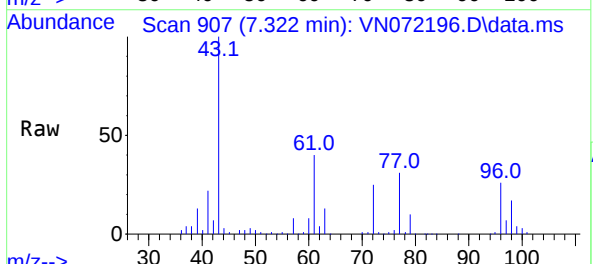
Acq: 26 Apr 2022 13:22

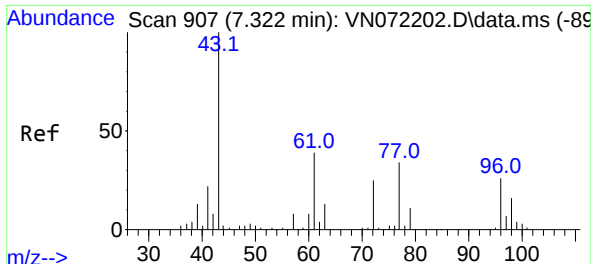
Tgt Ion: 77 Resp: 214202

Ion Ratio Lower Upper

77 100

97 21.0 11.4 34.2





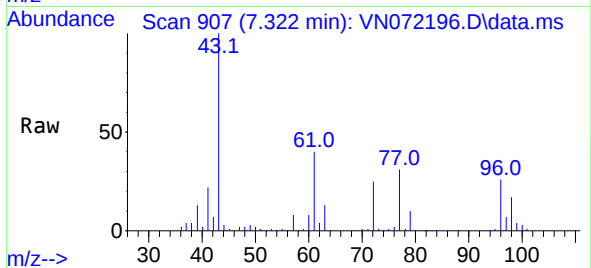
#27
cis-1,2-Dichloroethene
Concen: 55.212 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN072196.D
Acq: 26 Apr 2022 13:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



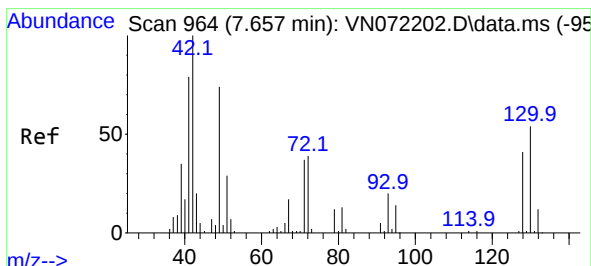
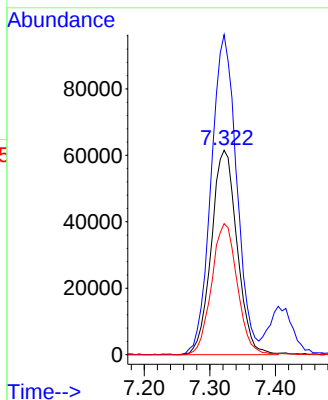
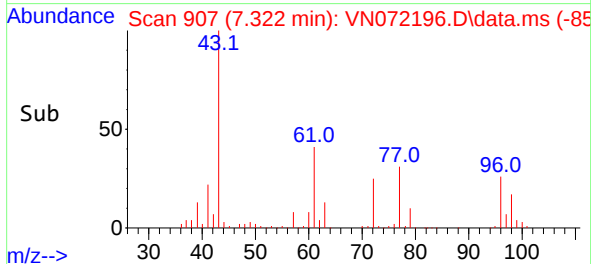
Tgt Ion: 96 Resp: 167920
Ion Ratio Lower Upper
96 100
61 155.2 0.0 280.6
98 64.1 0.0 128.4

Manual Integrations

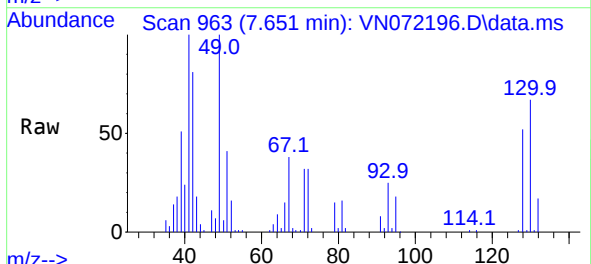
APPROVED

Reviewed By :John Carlone 04/27/2022

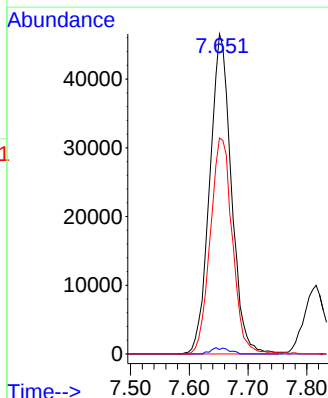
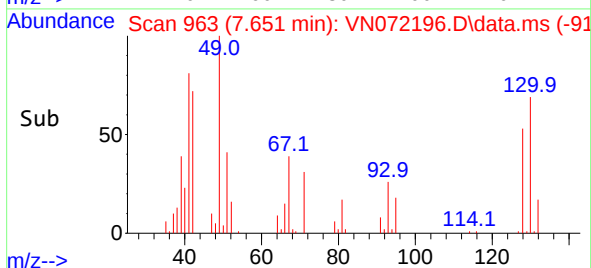
Supervised By :Mahesh Dadoda 04/27/2022

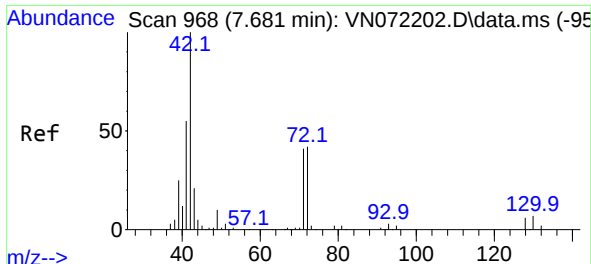


#28
Bromochloromethane
Concen: 49.196 ug/l
RT: 7.651 min Scan# 963
Delta R.T. -0.006 min
Lab File: VN072196.D
Acq: 26 Apr 2022 13:22



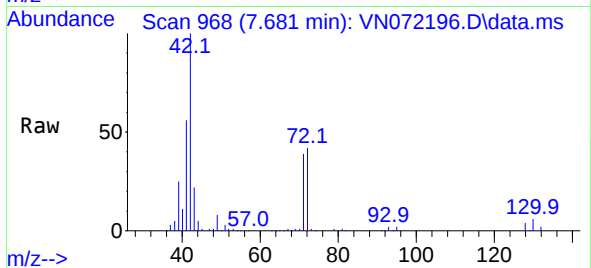
Tgt Ion: 49 Resp: 119230
Ion Ratio Lower Upper
49 100
129 1.6 0.0 4.6
130 68.7 69.7 104.5#





#29
Tetrahydrofuran
Concen: 272.755 ug/l
RT: 7.681 min Scan# 90
Delta R.T. -0.000 min
Lab File: VN072196.D
Acq: 26 Apr 2022 13:22

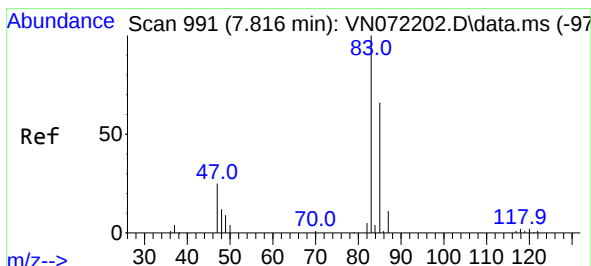
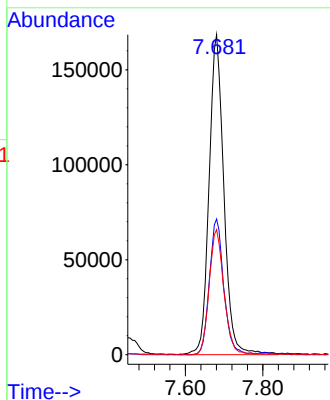
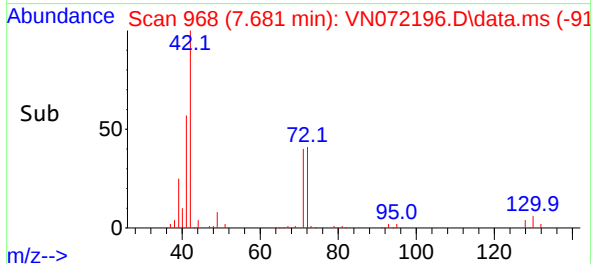
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



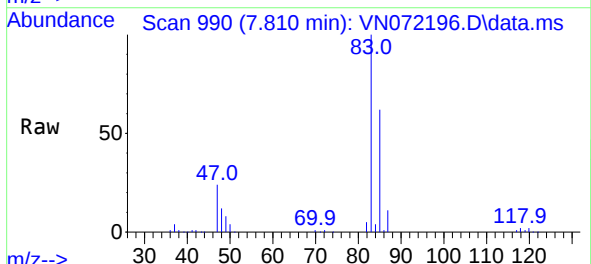
Tgt Ion: 42 Resp: 446979
Ion Ratio Lower Upper
42 100
72 41.0 39.7 59.5
71 38.7 36.6 55.0

Manual Integrations
APPROVED

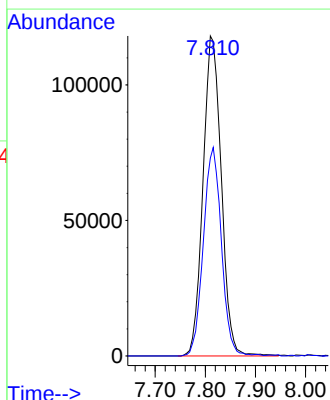
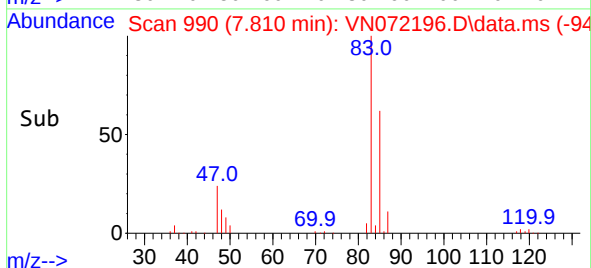
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

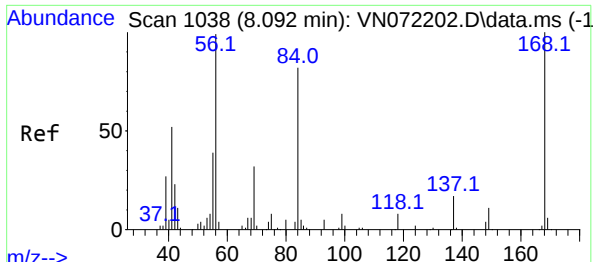


#30
Chloroform
Concen: 55.142 ug/l
RT: 7.810 min Scan# 990
Delta R.T. -0.006 min
Lab File: VN072196.D
Acq: 26 Apr 2022 13:22



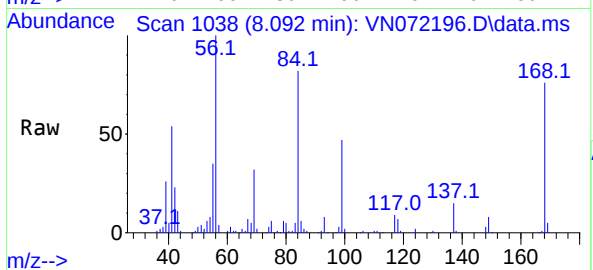
Tgt Ion: 83 Resp: 299657
Ion Ratio Lower Upper
83 100
85 61.8 51.8 77.8





#31
Cyclohexane
Concen: 53.860 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN072196.D
Acq: 26 Apr 2022 13:22

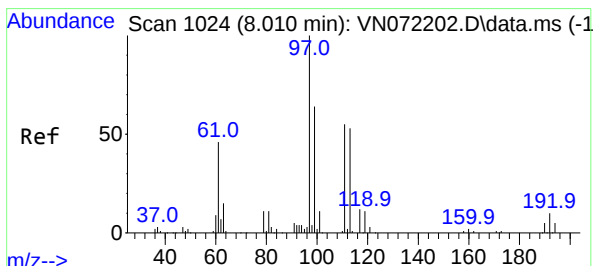
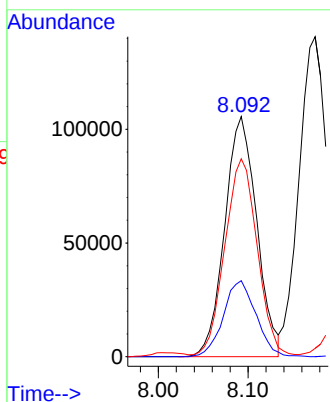
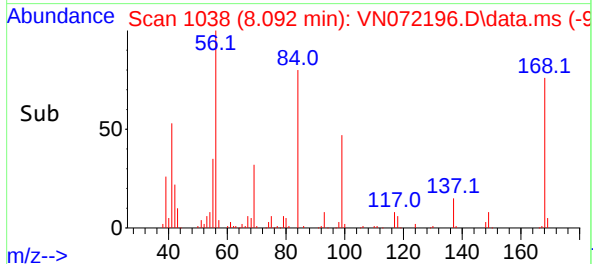
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



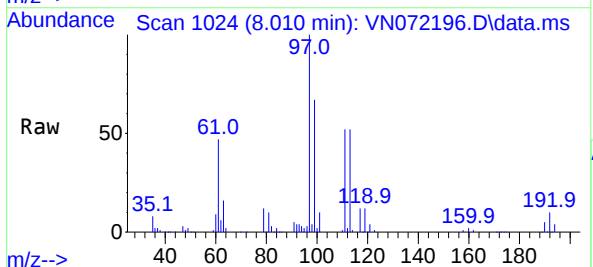
Tgt Ion: 56 Resp: 261720
Ion Ratio Lower Upper
56 100
69 31.7 27.8 41.8
84 81.0 76.9 115.3

Manual Integrations
APPROVED

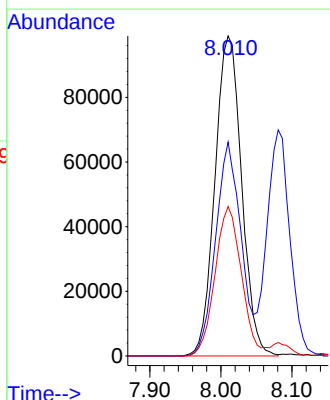
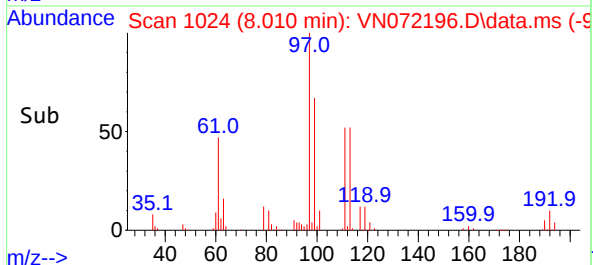
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

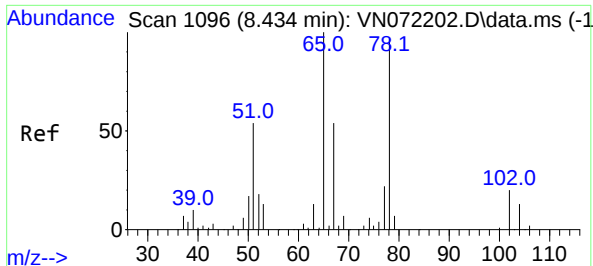


#32
1,1,1-Trichloroethane
Concen: 55.790 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN072196.D
Acq: 26 Apr 2022 13:22



Tgt Ion: 97 Resp: 258006
Ion Ratio Lower Upper
97 100
99 63.3 50.6 76.0
61 46.6 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 49.588 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN072196.D

Acq: 26 Apr 2022 13:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 18034

Ion Ratio Lower Upper

65 100

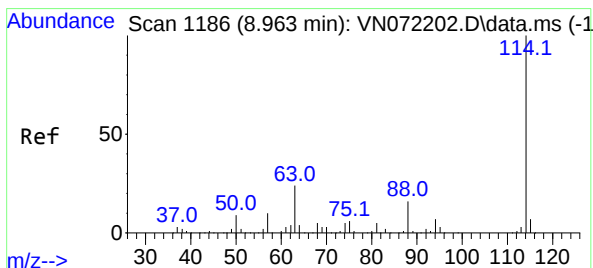
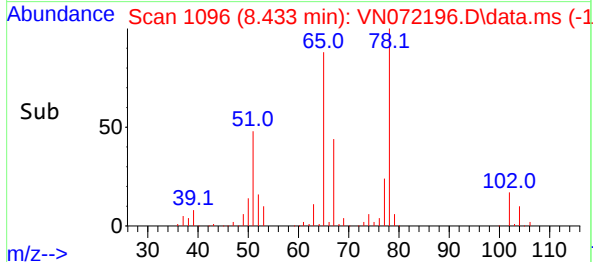
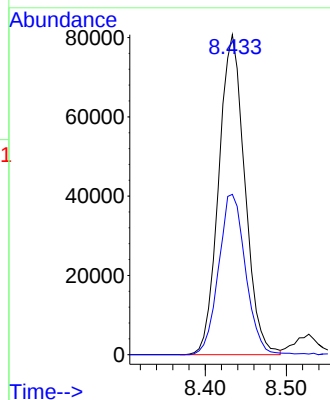
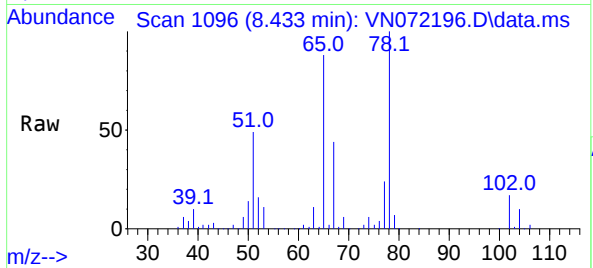
67 51.8 0.0 104.8

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: VN072196.D

Acq: 26 Apr 2022 13:22

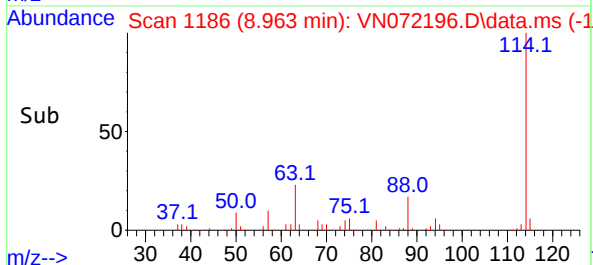
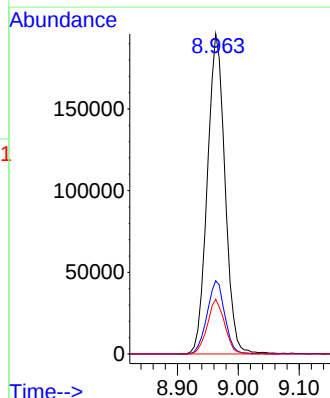
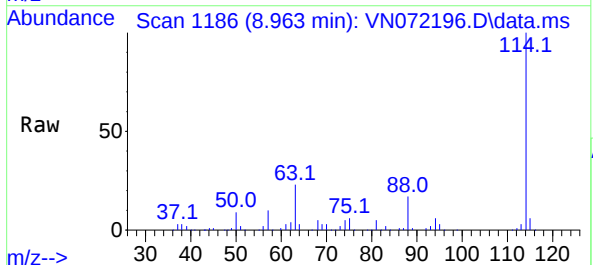
Tgt Ion:114 Resp: 394399

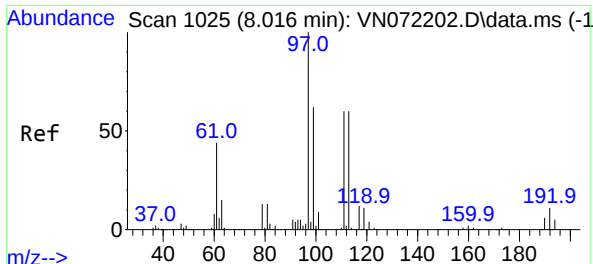
Ion Ratio Lower Upper

114 100

63 22.9 0.0 40.0

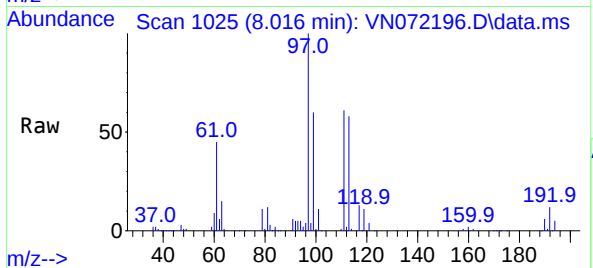
88 17.1 0.0 32.6





#35
Dibromofluoromethane
Concen: 54.513 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN072196.D
Acq: 26 Apr 2022 13:22

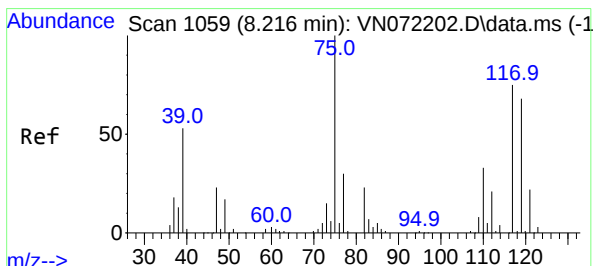
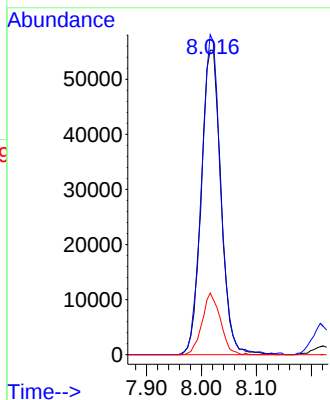
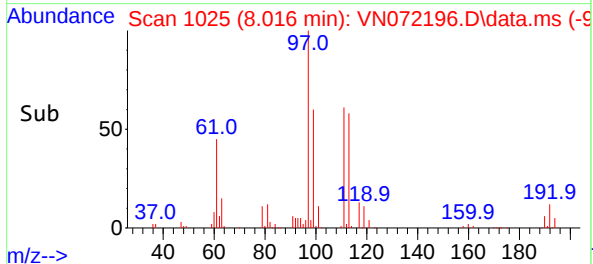
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



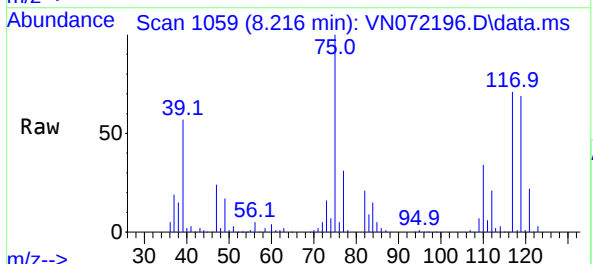
Tgt Ion: 113 Resp: 137612
Ion Ratio Lower Upper
113 100
111 101.9 81.4 122.0
192 18.8 17.0 25.6

Manual Integrations
APPROVED

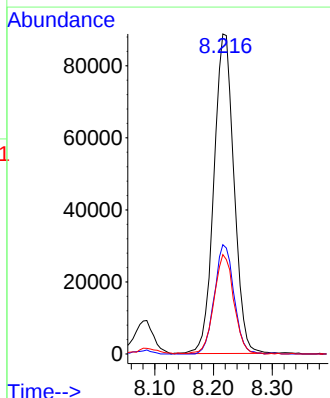
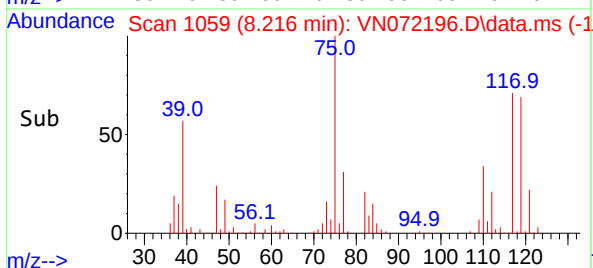
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

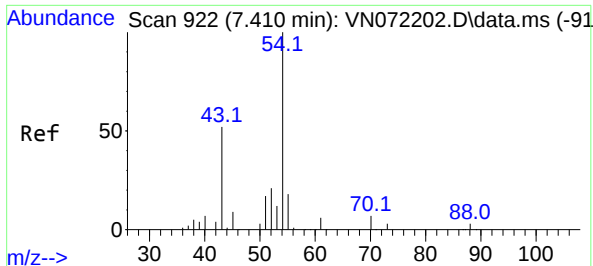


#36
1,1-Dichloropropene
Concen: 57.335 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VN072196.D
Acq: 26 Apr 2022 13:22



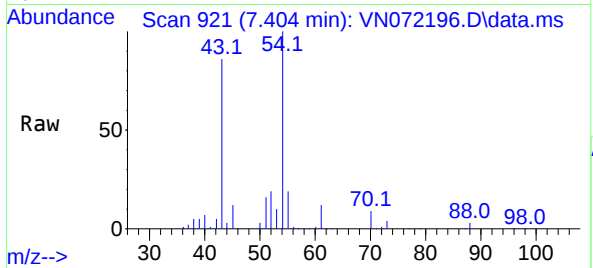
Tgt Ion: 75 Resp: 210673
Ion Ratio Lower Upper
75 100
110 33.2 18.3 54.8
77 30.8 25.1 37.7





#37
Ethyl Acetate
Concen: 54.250 ug/l
RT: 7.404 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN072196.D
Acq: 26 Apr 2022 13:22

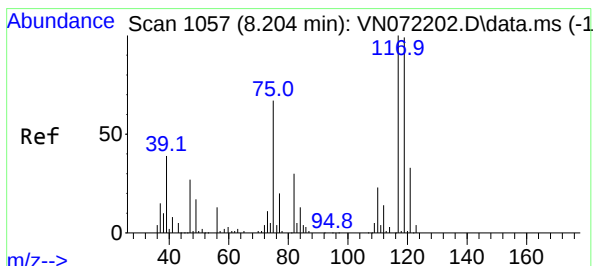
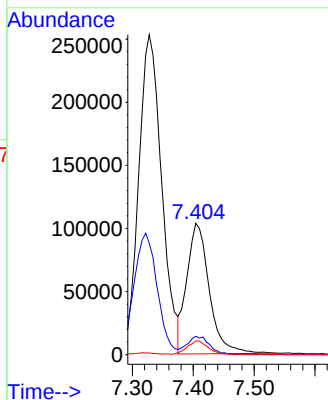
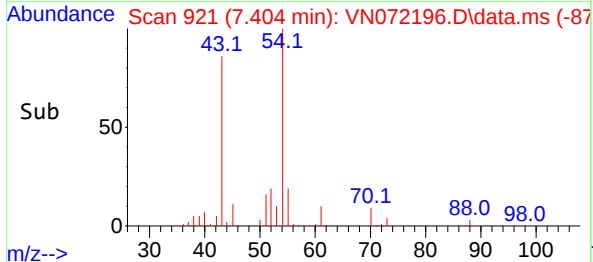
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



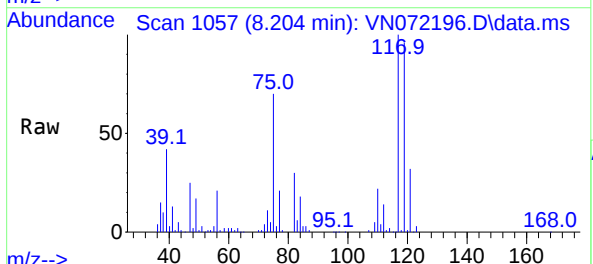
Tgt Ion: 43 Resp: 26472
Ion Ratio Lower Upper
43 100
61 13.4 11.8 17.6
70 9.9 9.3 13.9

Manual Integrations
APPROVED

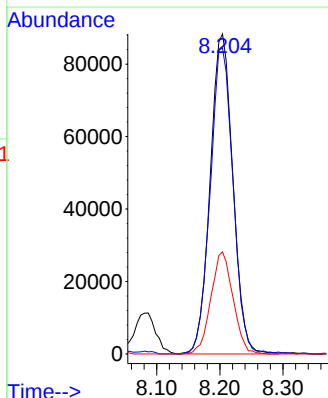
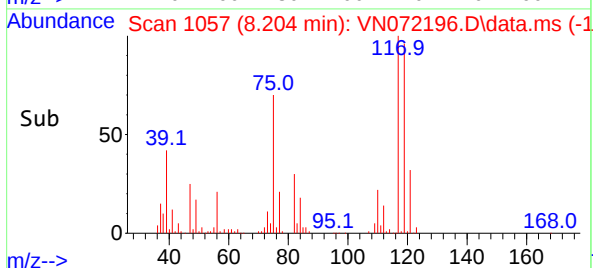
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

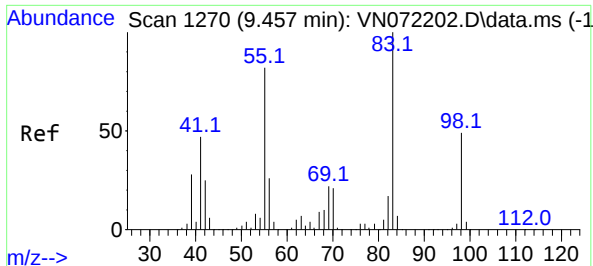


#38
Carbon Tetrachloride
Concen: 55.972 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN072196.D
Acq: 26 Apr 2022 13:22



Tgt Ion:117 Resp: 220271
Ion Ratio Lower Upper
117 100
119 95.6 75.8 113.8
121 31.9 24.6 37.0





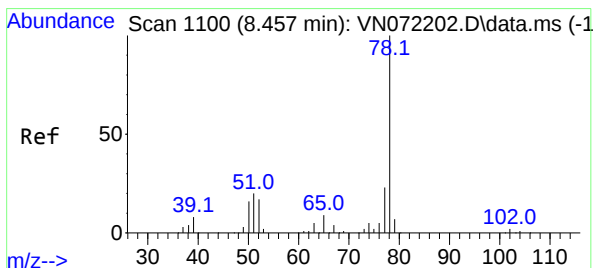
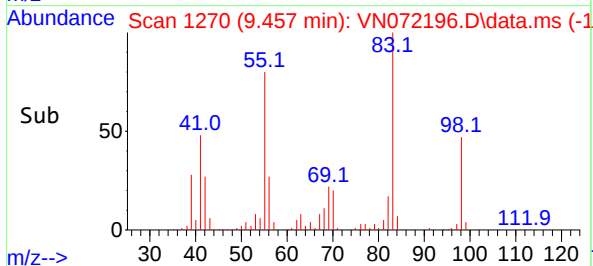
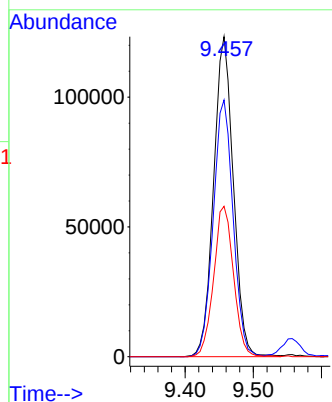
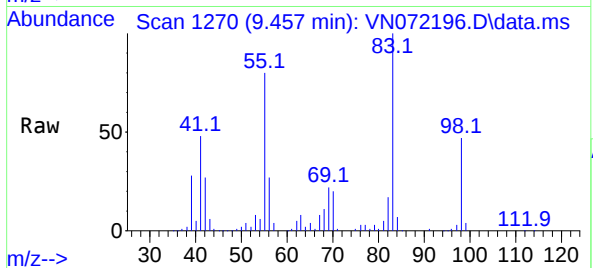
#39
Methylcyclohexane
Concen: 60.501 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN072196.D
Acq: 26 Apr 2022 13:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 248634
Ion Ratio Lower Upper
83 100
55 80.2 57.8 86.8
98 47.0 39.4 59.2

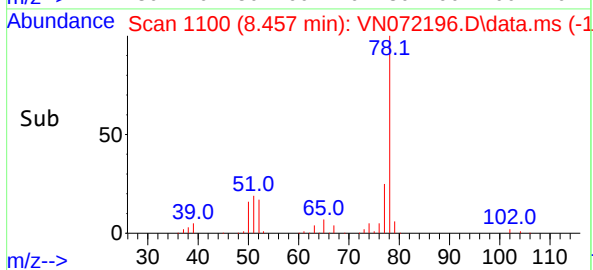
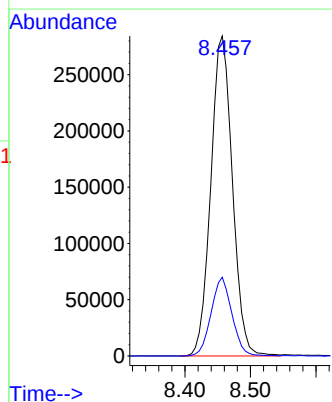
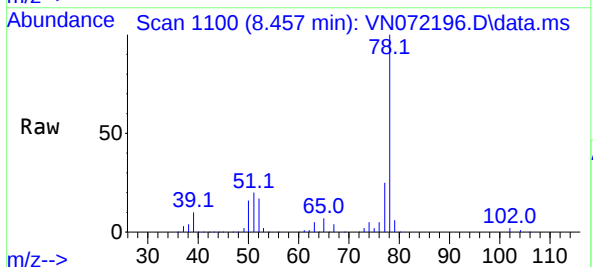
Manual Integrations
APPROVED

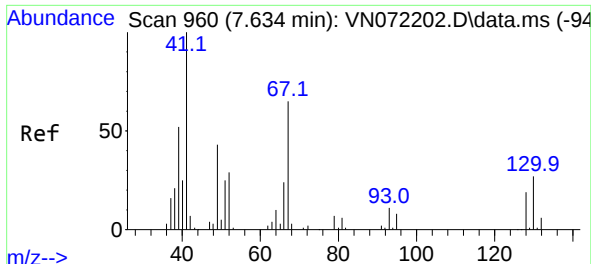
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#40
Benzene
Concen: 57.093 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072196.D
Acq: 26 Apr 2022 13:22

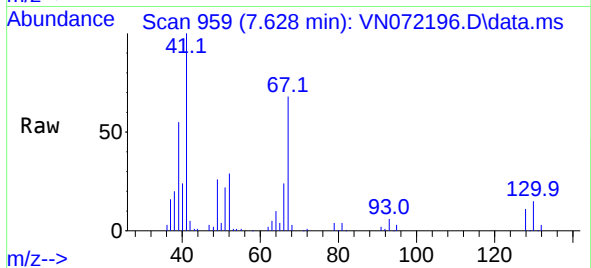
Tgt Ion: 78 Resp: 650705
Ion Ratio Lower Upper
78 100
77 24.6 19.4 29.0





#41
Methacrylonitrile
Concen: 59.086 ug/l
RT: 7.628 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN072196.D
Acq: 26 Apr 2022 13:22

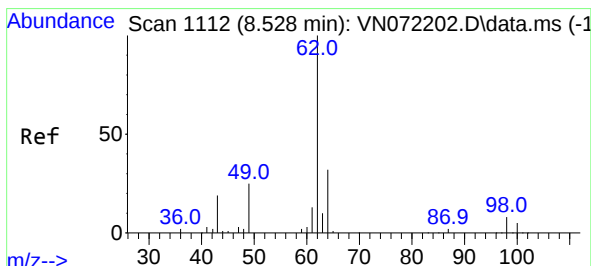
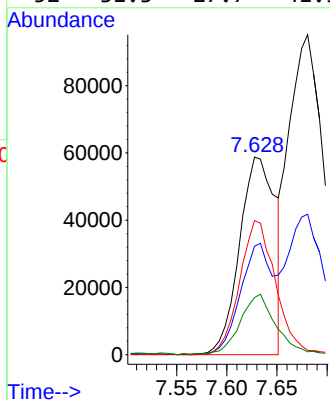
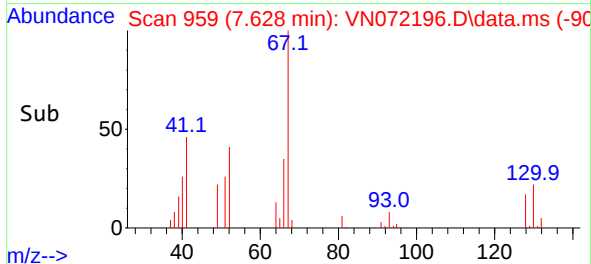
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



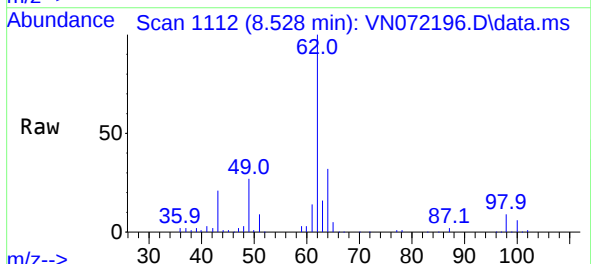
Tgt Ion: 41 Resp: 14585
Ion Ratio Lower Upper
41 100
39 47.3 48.6 73.0
67 68.9 73.4 110.2
52 31.3 27.7 41.5

Manual Integrations
APPROVED

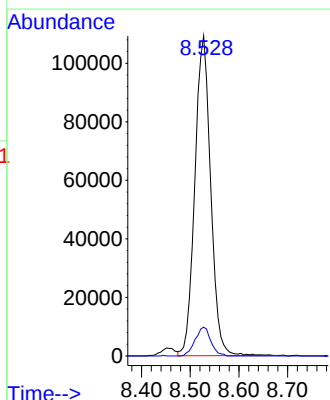
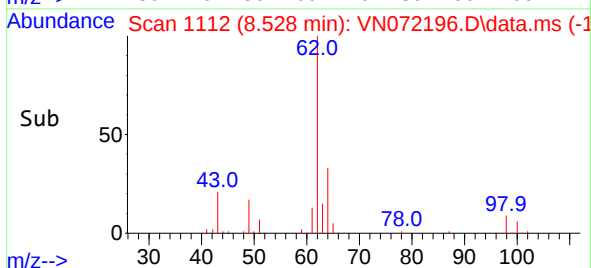
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

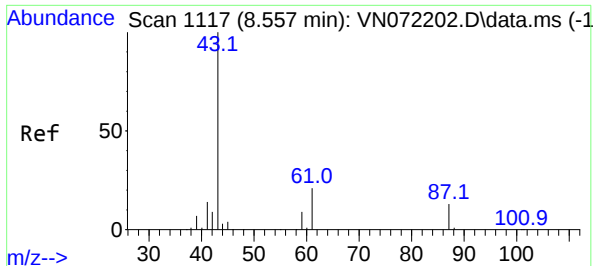


#42
1,2-Dichloroethane
Concen: 56.673 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN072196.D
Acq: 26 Apr 2022 13:22



Tgt Ion: 62 Resp: 247286
Ion Ratio Lower Upper
62 100
98 8.9 0.0 19.4





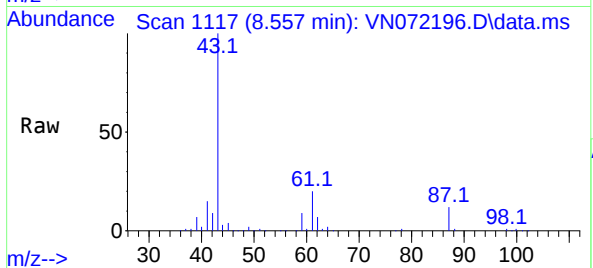
#43
Isopropyl Acetate
Concen: 54.793 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN072196.D
Acq: 26 Apr 2022 13:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



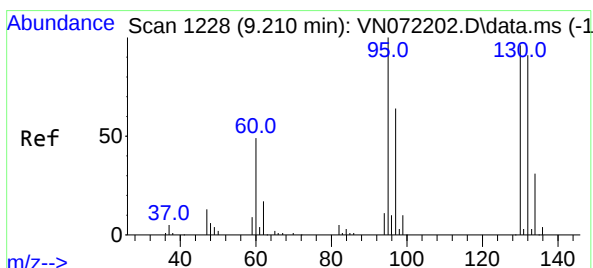
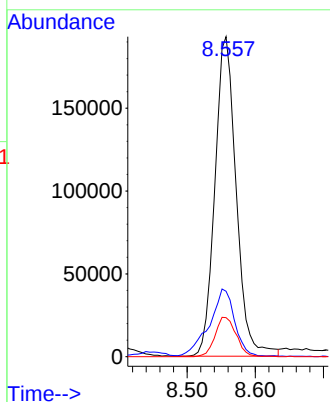
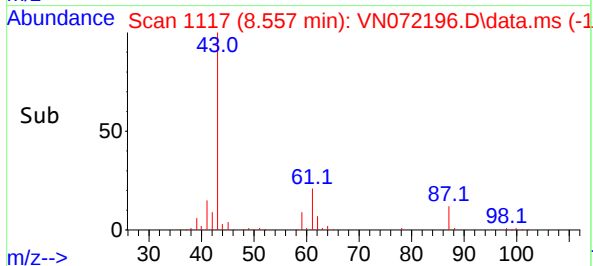
Tgt Ion: 43 Resp: 420399
Ion Ratio Lower Upper
43 100
61 24.8 21.9 32.9
87 12.2 12.0 18.0

Manual Integrations

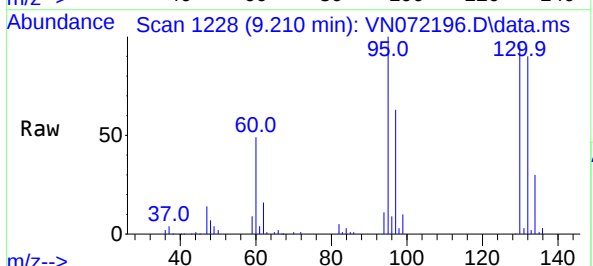
APPROVED

Reviewed By :John Carlone 04/27/2022

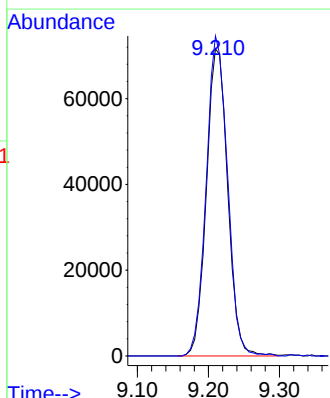
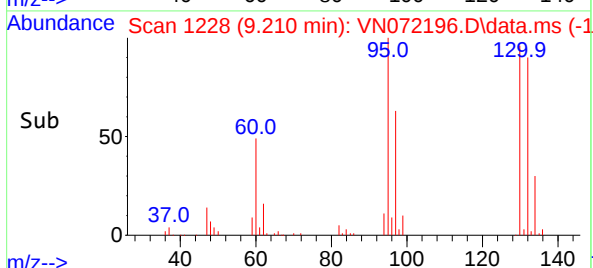
Supervised By :Mahesh Dadoda 04/27/2022

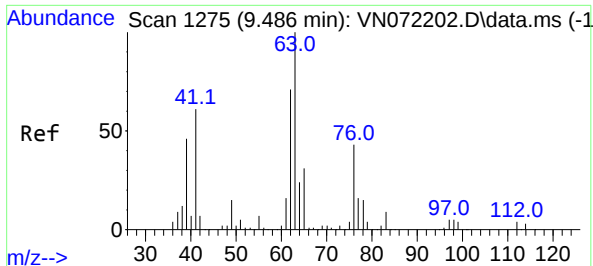


#44
Trichloroethene
Concen: 56.192 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VN072196.D
Acq: 26 Apr 2022 13:22



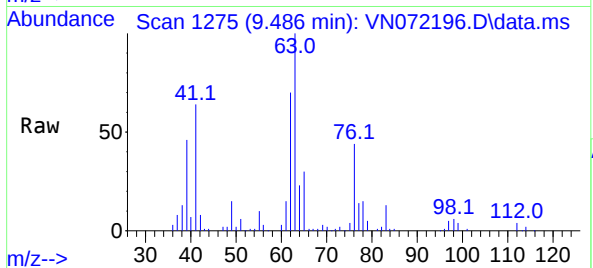
Tgt Ion:130 Resp: 148978
Ion Ratio Lower Upper
130 100
95 104.2 0.0 186.8





#45
1,2-Dichloropropane
Concen: 57.222 ug/l
RT: 9.486 min Scan# 1275
Delta R.T. 0.000 min
Lab File: VN072196.D
Acq: 26 Apr 2022 13:22

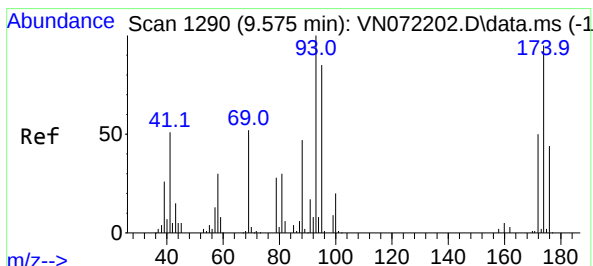
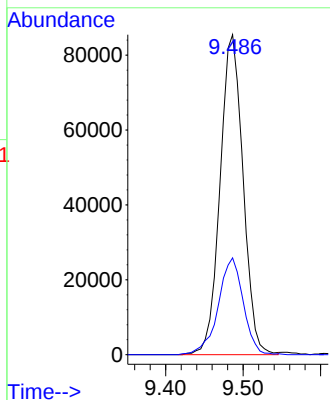
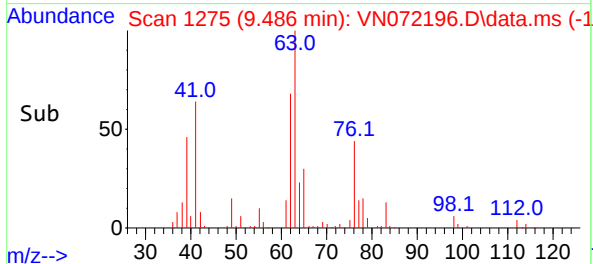
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



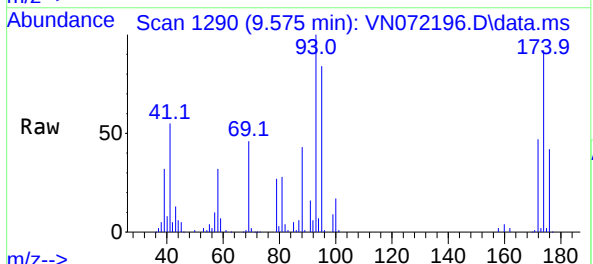
Tgt Ion: 63 Resp: 176228
Ion Ratio Lower Upper
63 100
65 30.3 24.9 37.3

Manual Integrations
APPROVED

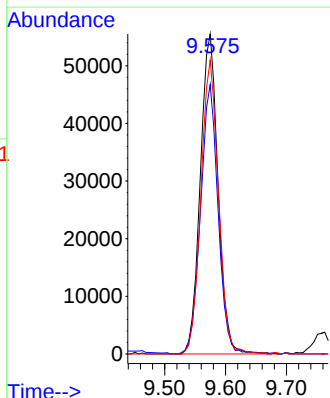
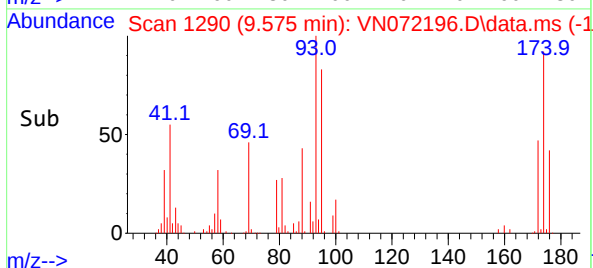
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

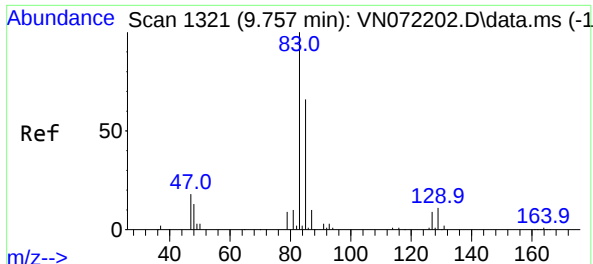


#46
Dibromomethane
Concen: 58.137 ug/l
RT: 9.575 min Scan# 1290
Delta R.T. -0.000 min
Lab File: VN072196.D
Acq: 26 Apr 2022 13:22



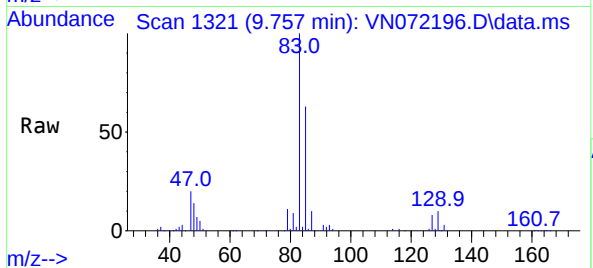
Tgt Ion: 93 Resp: 112161
Ion Ratio Lower Upper
93 100
95 83.4 66.9 100.3
174 91.3 86.6 130.0





#47
Bromodichloromethane
Concen: 59.021 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN072196.D
Acq: 26 Apr 2022 13:22

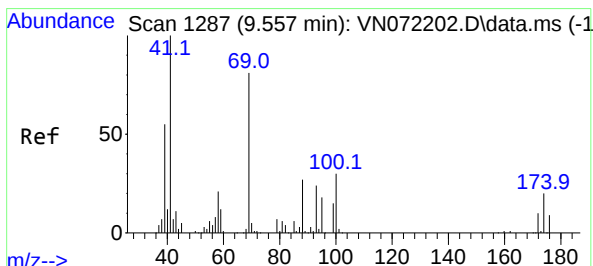
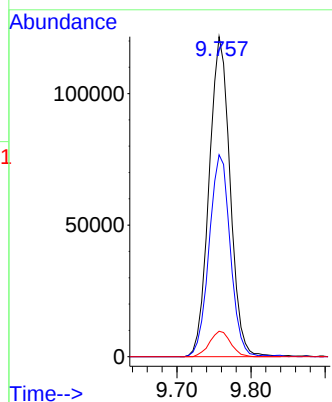
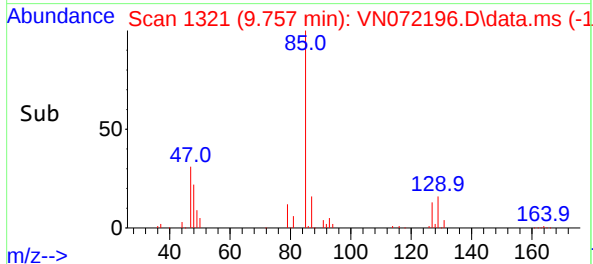
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



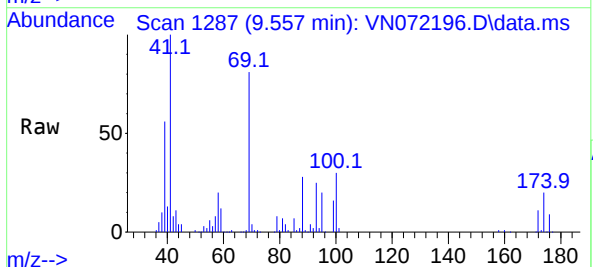
Tgt Ion: 83 Resp: 238918
Ion Ratio Lower Upper
83 100
85 63.1 50.5 75.7
127 7.9 6.8 10.2

Manual Integrations
APPROVED

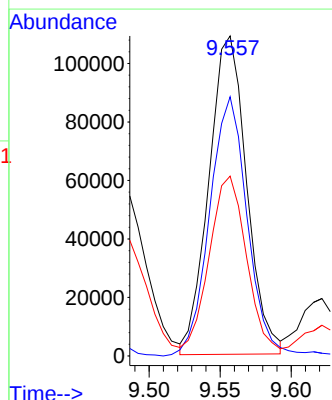
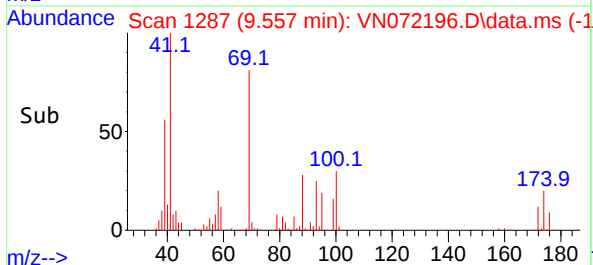
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

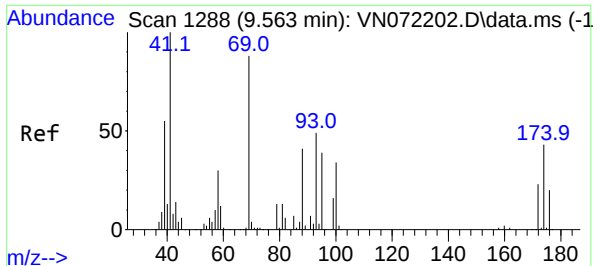


#48
Methyl methacrylate
Concen: 62.516 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. -0.000 min
Lab File: VN072196.D
Acq: 26 Apr 2022 13:22



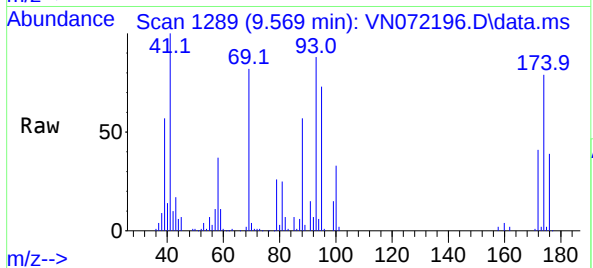
Tgt Ion: 41 Resp: 201507
Ion Ratio Lower Upper
41 100
69 82.3 74.7 112.1
39 56.1 45.6 68.4





#49
1,4-Dioxane
Concen: 1244.965 ug/l
RT: 9.569 min Scan# 1289
Delta R.T. 0.006 min
Lab File: VN072196.D
Acq: 26 Apr 2022 13:22

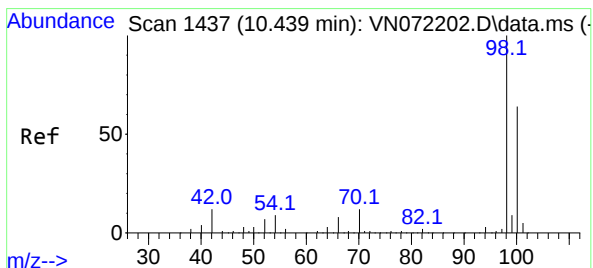
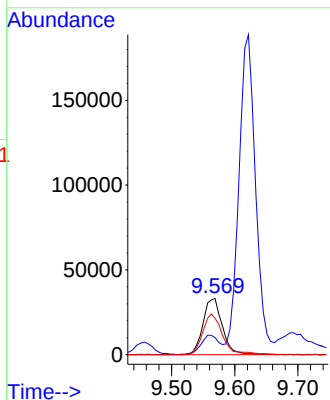
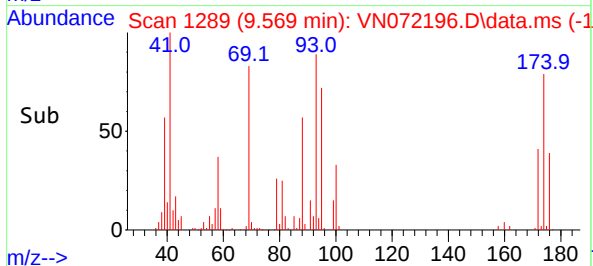
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



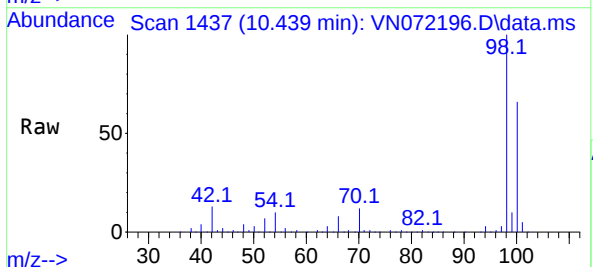
Tgt Ion: 88 Resp: 7049
Ion Ratio Lower Upper
88 100
43 32.7 20.2 30.4
58 75.0 54.2 81.4

Manual Integrations
APPROVED

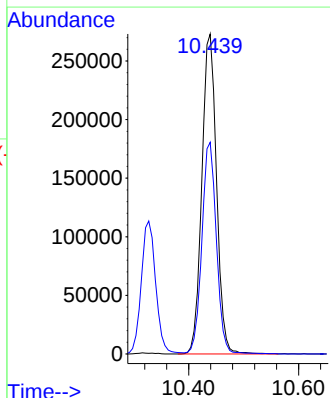
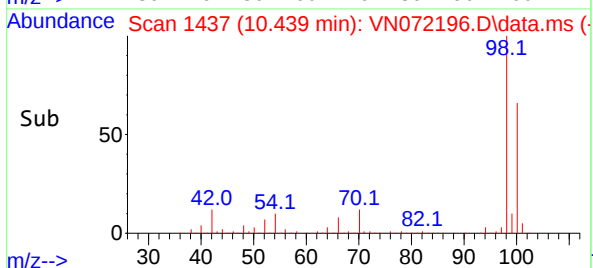
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

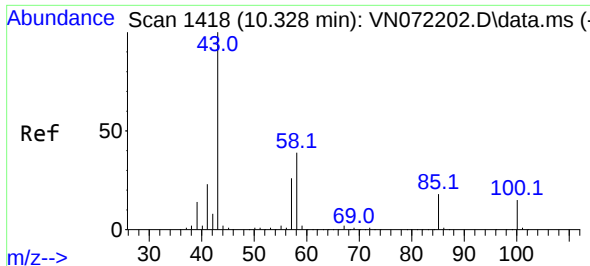


#50
Toluene-d8
Concen: 50.997 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072196.D
Acq: 26 Apr 2022 13:22



Tgt Ion: 98 Resp: 505855
Ion Ratio Lower Upper
98 100
100 65.6 52.6 78.8





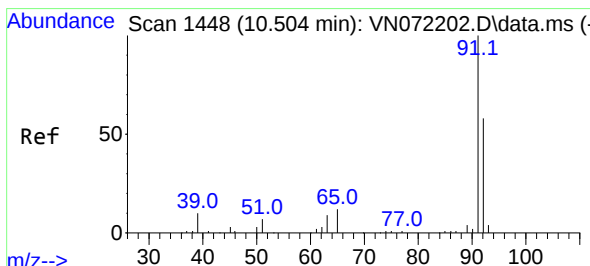
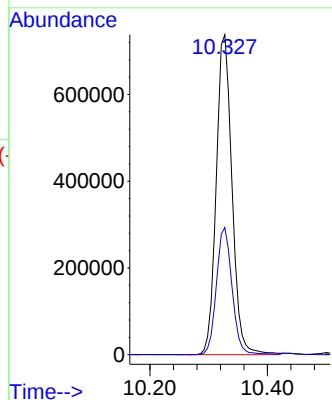
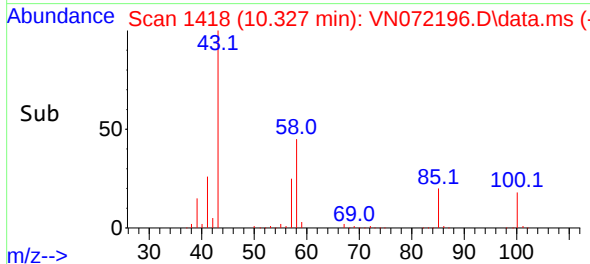
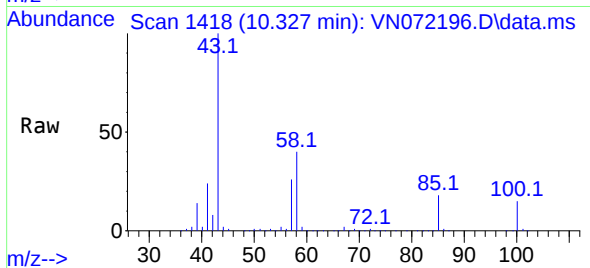
#51
4-Methyl-2-Pentanone
Concen: 298.590 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. -0.001 min
Lab File: VN072196.D
Acq: 26 Apr 2022 13:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1374740
Ion Ratio Lower Upper
43 100
58 39.4 34.1 51.1

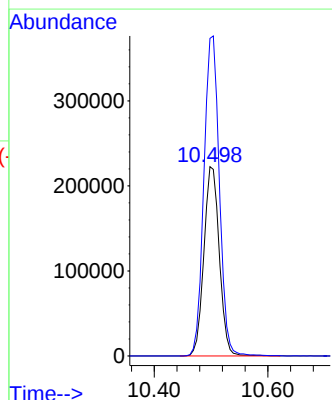
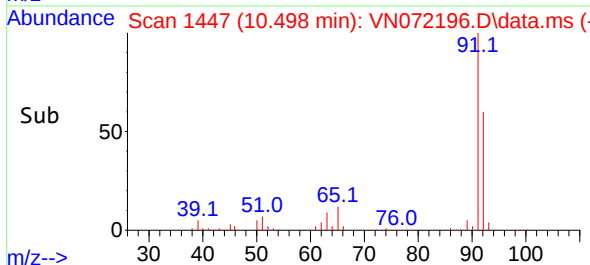
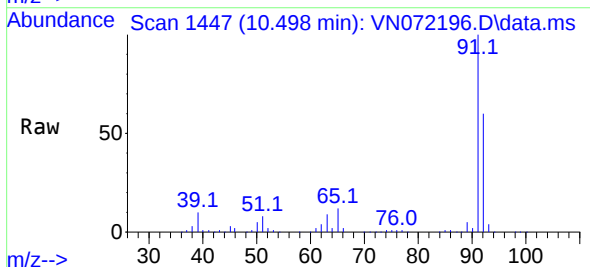
Manual Integrations
APPROVED

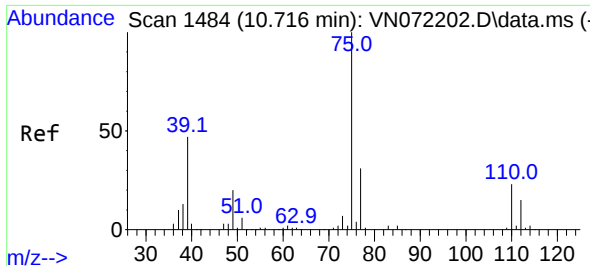
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#52
Toluene
Concen: 61.301 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN072196.D
Acq: 26 Apr 2022 13:22

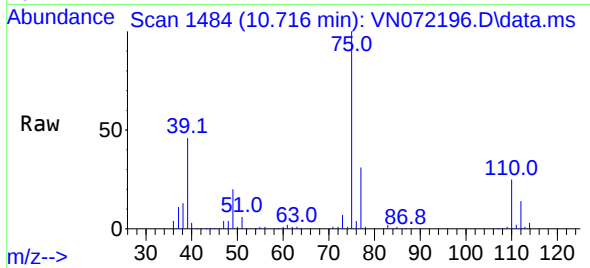
Tgt Ion: 92 Resp: 417673
Ion Ratio Lower Upper
92 100
91 170.0 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 61.590 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN072196.D
Acq: 26 Apr 2022 13:22

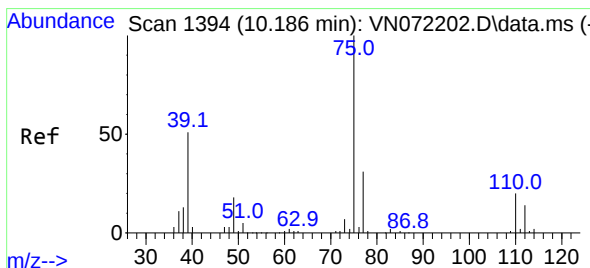
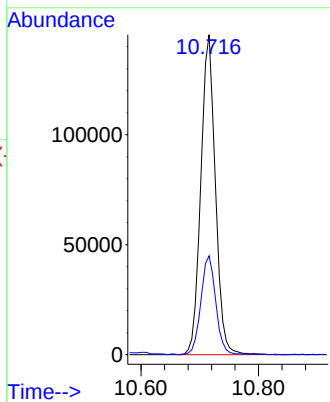
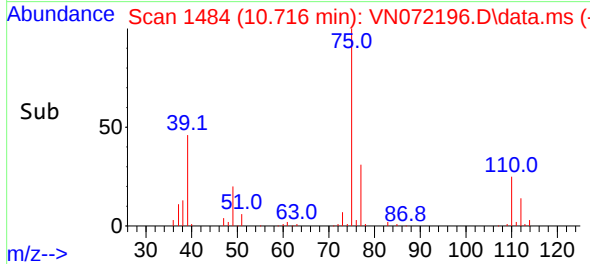
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



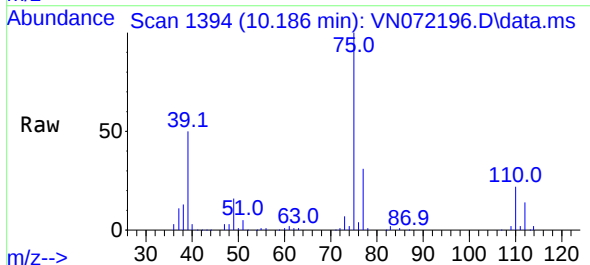
Tgt Ion: 75 Resp: 250623
Ion Ratio Lower Upper
75 100
77 30.9 25.6 38.4

Manual Integrations
APPROVED

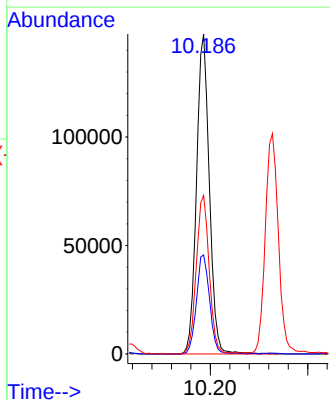
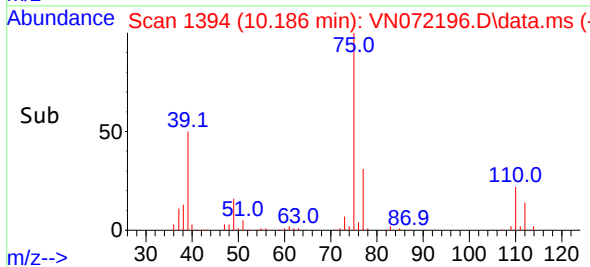
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

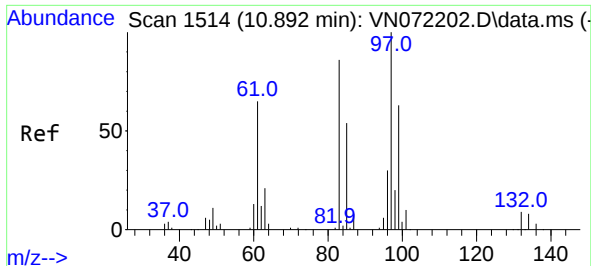


#54
cis-1,3-Dichloropropene
Concen: 61.459 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN072196.D
Acq: 26 Apr 2022 13:22



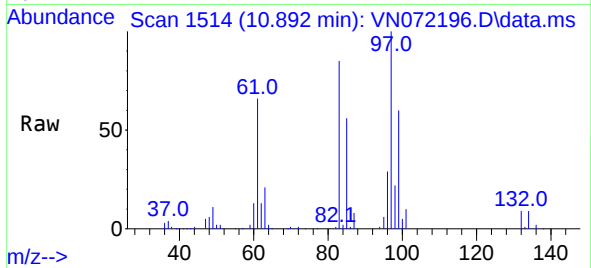
Tgt Ion: 75 Resp: 270466
Ion Ratio Lower Upper
75 100
77 31.0 25.2 37.8
39 49.5 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 58.536 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN072196.D
Acq: 26 Apr 2022 13:22

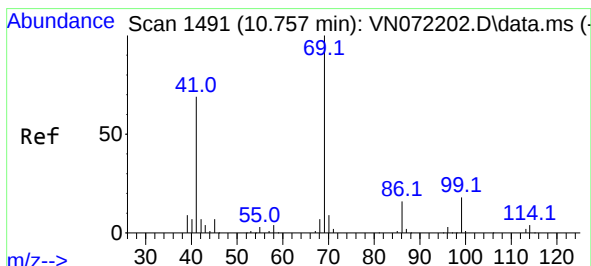
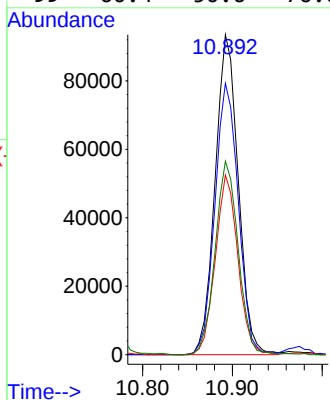
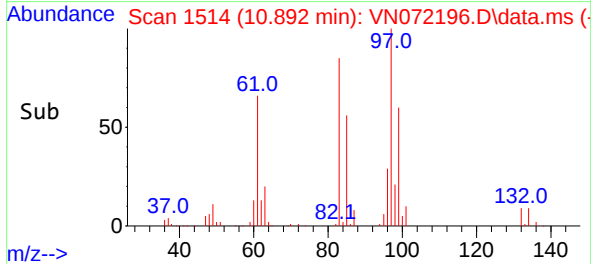
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



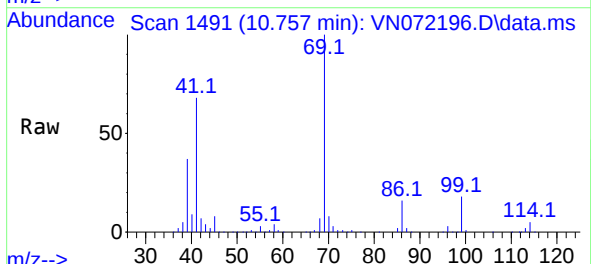
Tgt Ion: 97 Resp: 167230
Ion Ratio Lower Upper
97 100
83 84.8 66.2 99.4
85 56.2 43.9 65.9
99 60.4 50.6 76.0

Manual Integrations
APPROVED

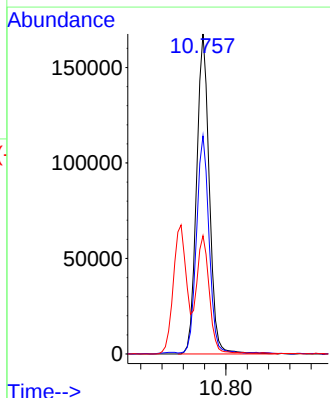
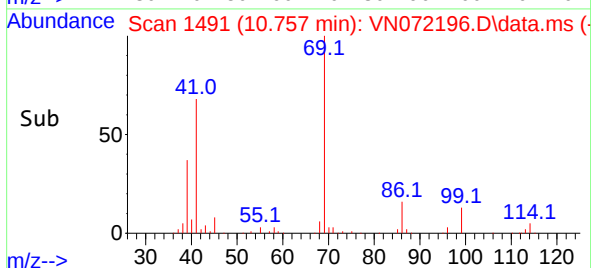
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

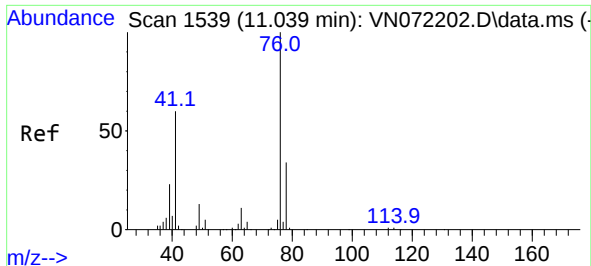


#56
Ethyl methacrylate
Concen: 55.269 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN072196.D
Acq: 26 Apr 2022 13:22



Tgt Ion: 69 Resp: 277830
Ion Ratio Lower Upper
69 100
41 67.1 47.8 71.6
39 37.5 27.3 40.9





#57

1,3-Dichloropropane

Concen: 58.162 ug/l

RT: 11.039 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN072196.D

Acq: 26 Apr 2022 13:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 291570

Ion Ratio Lower Upper

76 100

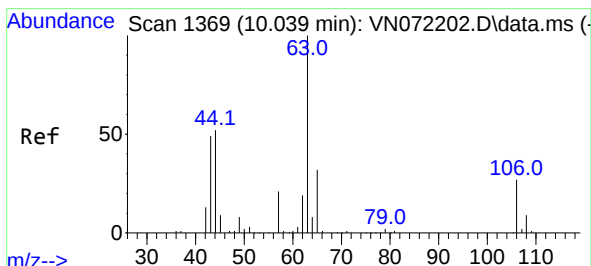
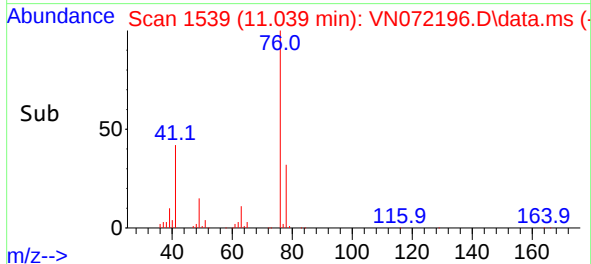
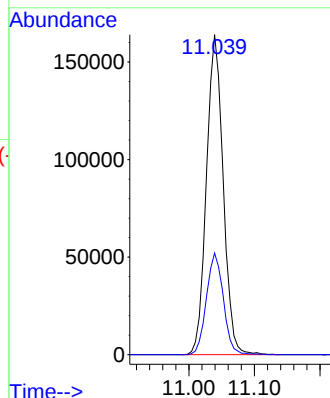
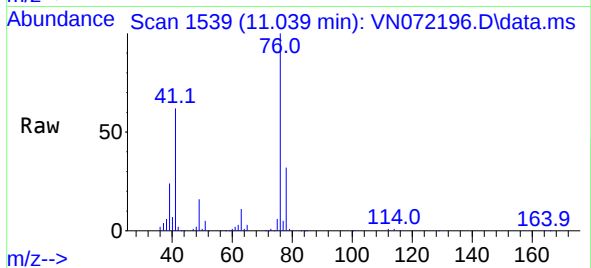
78 32.1 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/27/2022

Supervised By :Mahesh Dadoda 04/27/2022



#58

2-Chloroethyl Vinyl ether

Concen: 250.477 ug/l

RT: 10.033 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VN072196.D

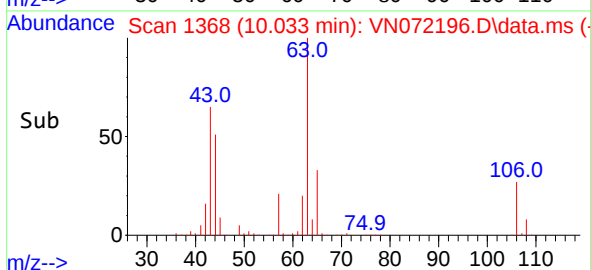
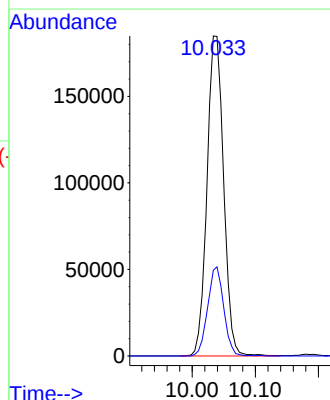
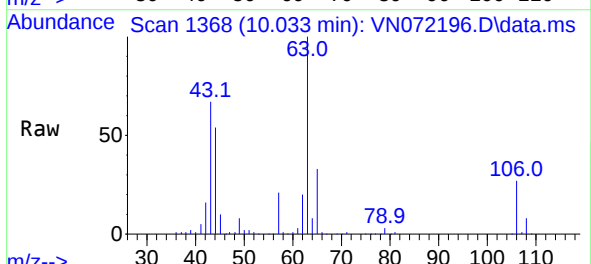
Acq: 26 Apr 2022 13:22

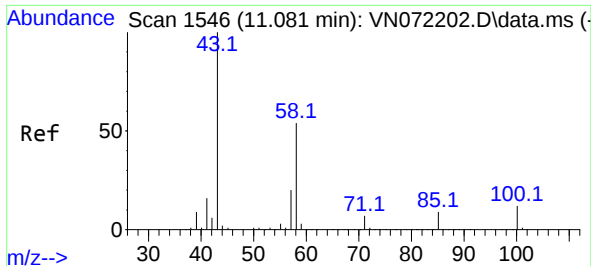
Tgt Ion: 63 Resp: 337208

Ion Ratio Lower Upper

63 100

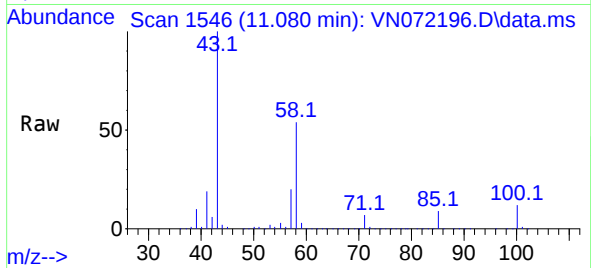
106 26.9 24.6 36.8





#59
2-Hexanone
Concen: 298.295 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.001 min
Lab File: VN072196.D
Acq: 26 Apr 2022 13:22

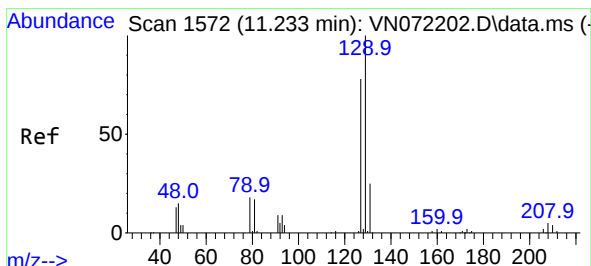
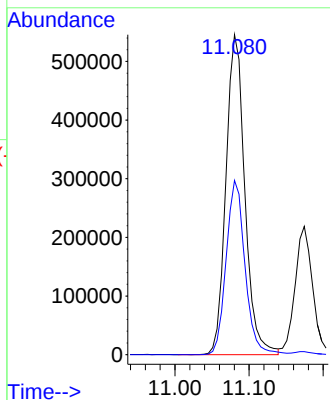
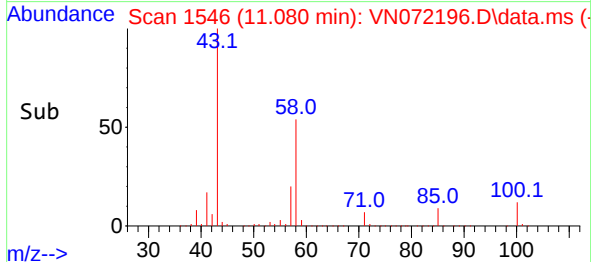
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



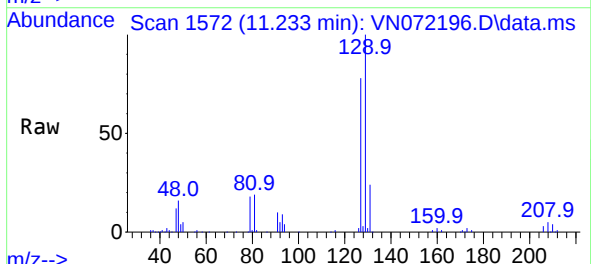
Tgt Ion: 43 Resp: 967624
Ion Ratio Lower Upper
43 100
58 54.3 29.7 89.1

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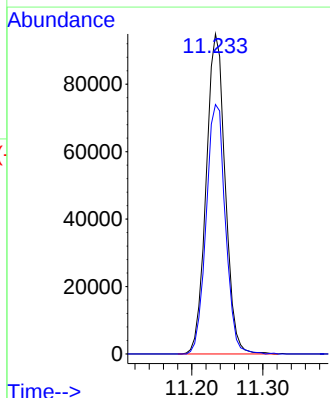
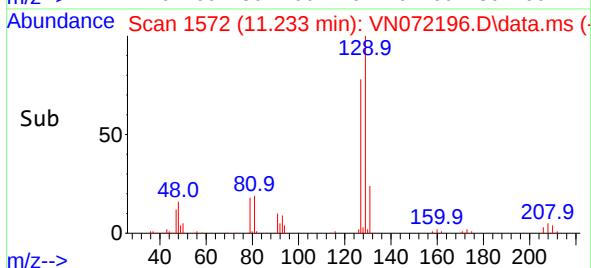
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

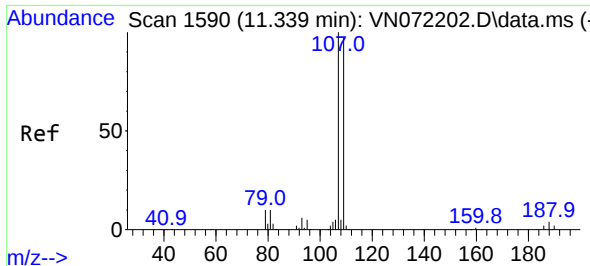


#60
Dibromochloromethane
Concen: 60.310 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072196.D
Acq: 26 Apr 2022 13:22



Tgt Ion:129 Resp: 176185
Ion Ratio Lower Upper
129 100
127 79.0 38.8 116.4





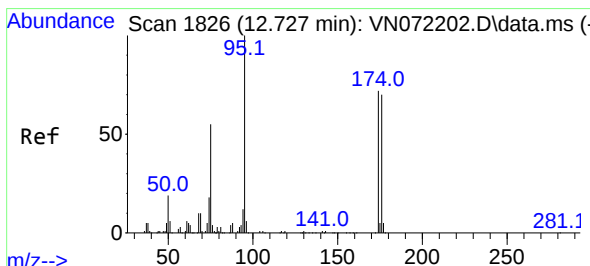
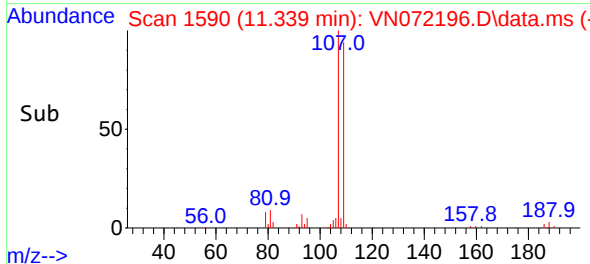
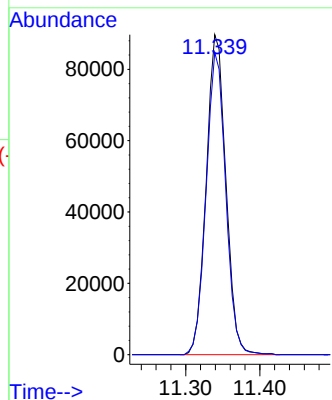
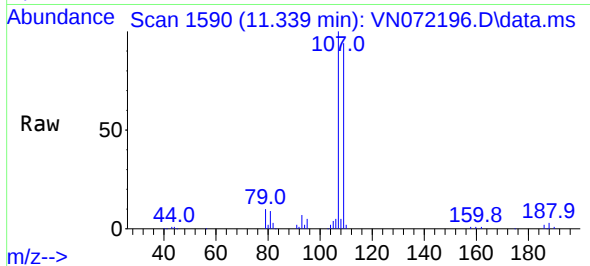
#61
1,2-Dibromoethane
Concen: 58.856 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VN072196.D
Acq: 26 Apr 2022 13:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 165360
Ion Ratio Lower Upper
107 100
109 94.0 75.0 112.6

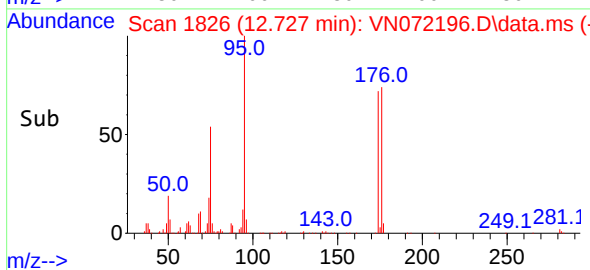
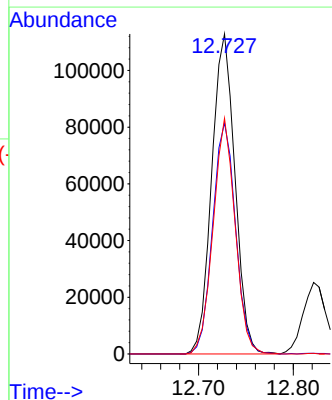
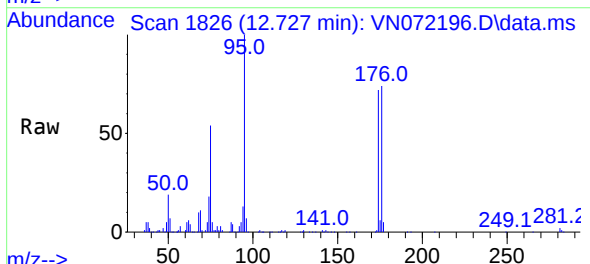
Manual Integrations
APPROVED

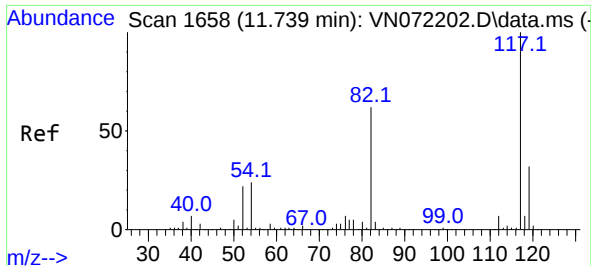
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#62
4-Bromofluorobenzene
Concen: 58.424 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072196.D
Acq: 26 Apr 2022 13:22

Tgt Ion: 95 Resp: 192355
Ion Ratio Lower Upper
95 100
174 71.5 0.0 167.6
176 69.7 0.0 163.4





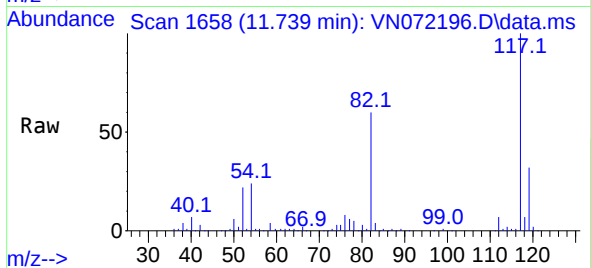
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072196.D
Acq: 26 Apr 2022 13:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



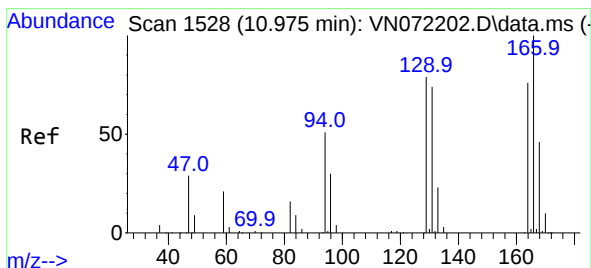
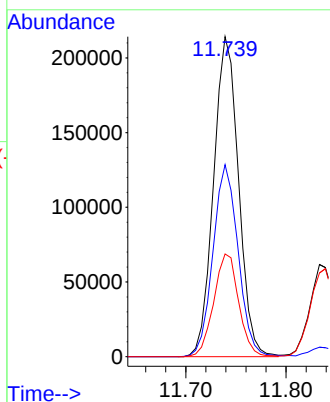
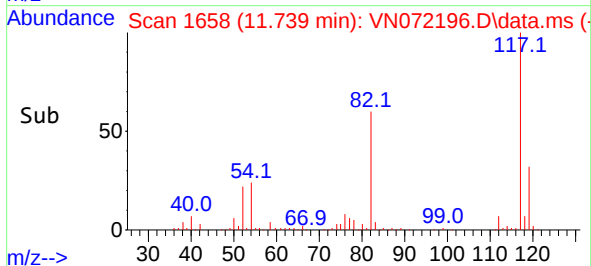
Tgt Ion:117 Resp: 370170
Ion Ratio Lower Upper
117 100
82 60.0 44.2 66.2
119 32.1 25.4 38.0

Manual Integrations

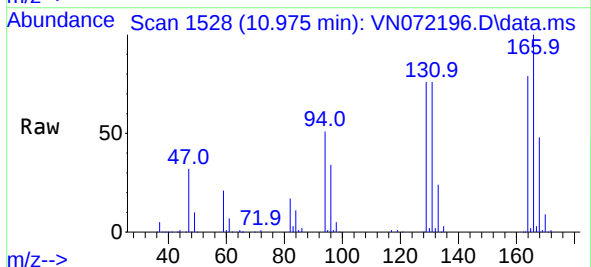
APPROVED

Reviewed By :John Carlone 04/27/2022

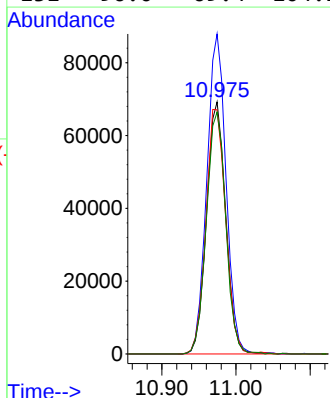
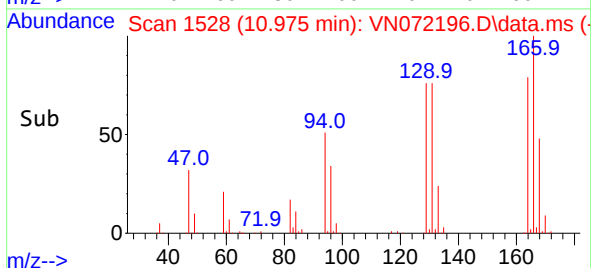
Supervised By :Mahesh Dadoda 04/27/2022

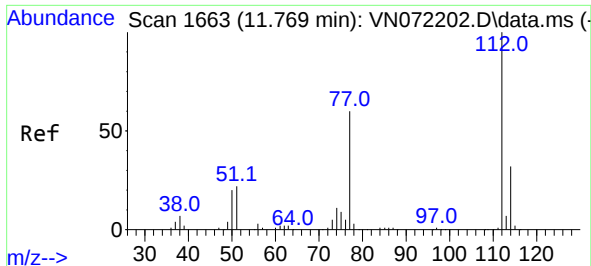


#64
Tetrachloroethene
Concen: 55.906 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VN072196.D
Acq: 26 Apr 2022 13:22



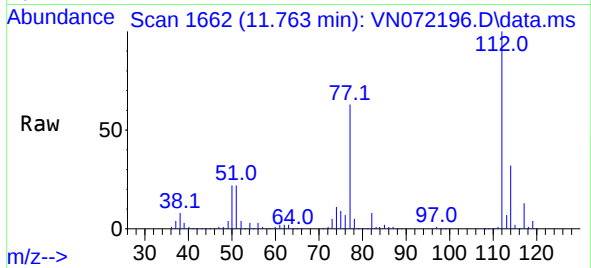
Tgt Ion:164 Resp: 124570
Ion Ratio Lower Upper
164 100
166 127.0 104.2 156.2
129 96.9 73.9 110.9
131 96.0 69.4 104.2





#65
Chlorobenzene
Concen: 57.380 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.006 min
Lab File: VN072196.D
Acq: 26 Apr 2022 13:22

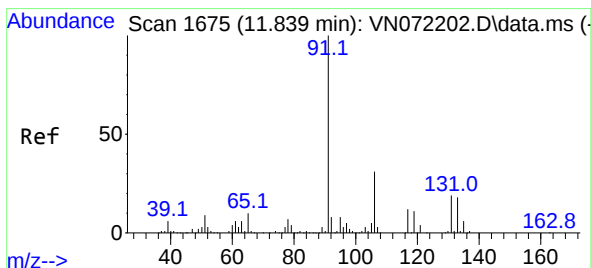
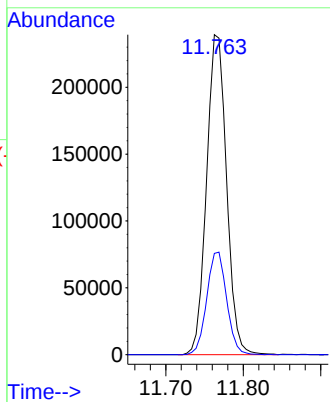
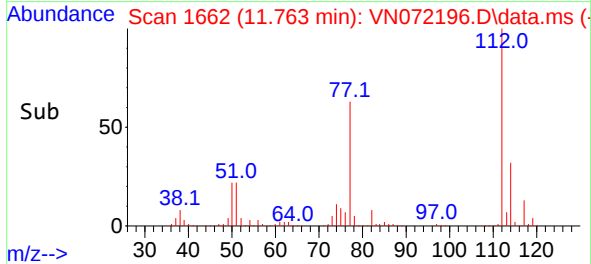
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 429170
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.2

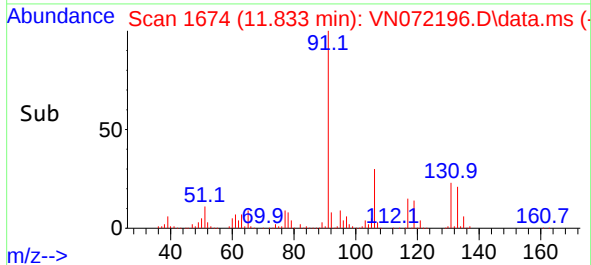
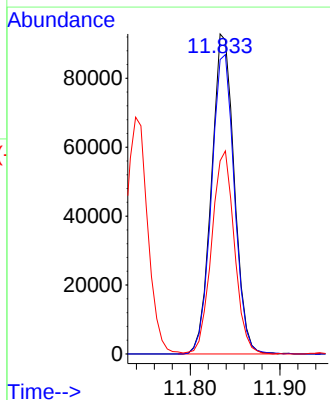
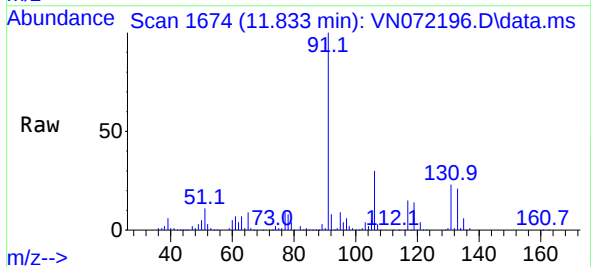
Manual Integrations
APPROVED

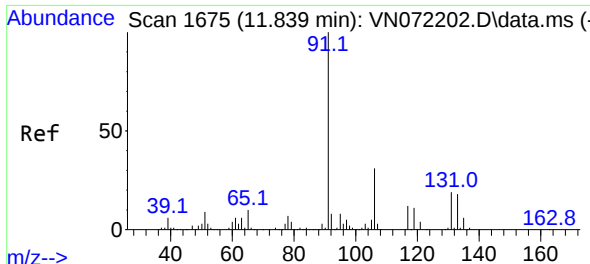
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 57.977 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VN072196.D
Acq: 26 Apr 2022 13:22

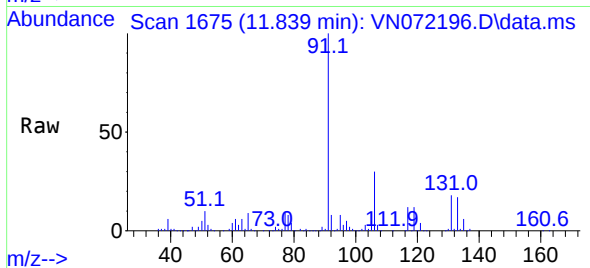
Tgt Ion:131 Resp: 163395
Ion Ratio Lower Upper
131 100
133 94.2 47.8 143.4
119 63.4 33.4 100.2





#67
Ethyl Benzene
Concen: 62.177 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072196.D
Acq: 26 Apr 2022 13:22

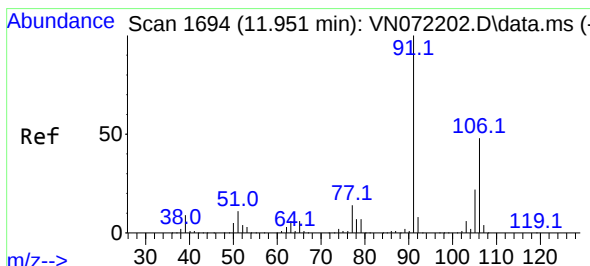
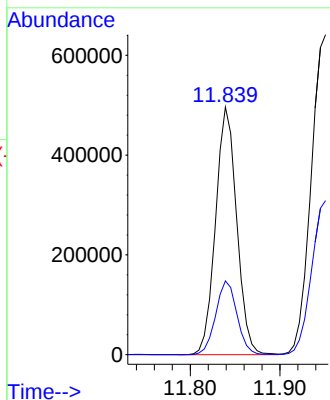
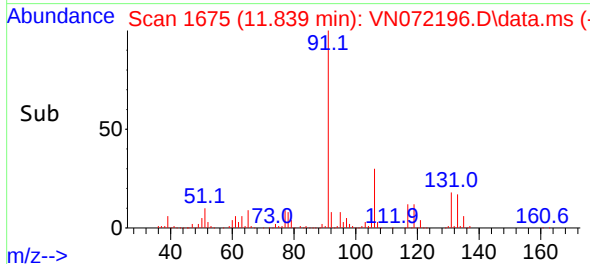
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



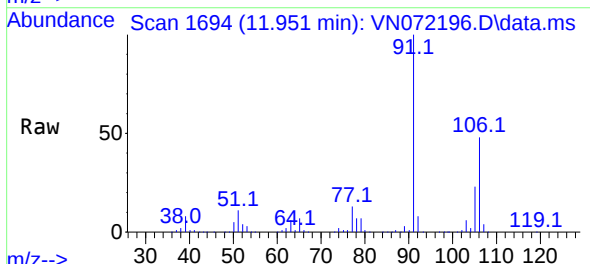
Tgt Ion: 91 Resp: 811010
Ion Ratio Lower Upper
91 100
106 29.8 24.9 37.3

Manual Integrations
APPROVED

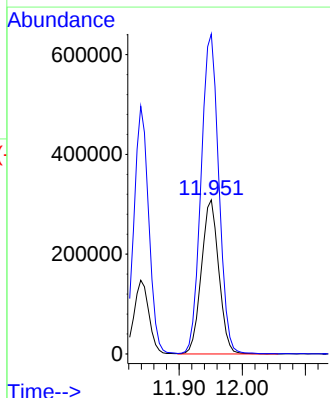
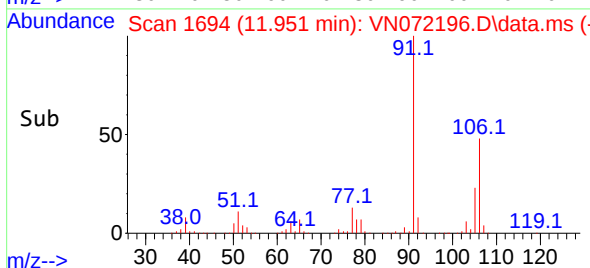
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

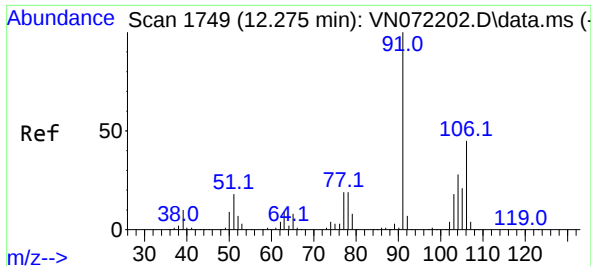


#68
m/p-Xylenes
Concen: 122.152 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN072196.D
Acq: 26 Apr 2022 13:22



Tgt Ion:106 Resp: 591657
Ion Ratio Lower Upper
106 100
91 211.0 158.9 238.3





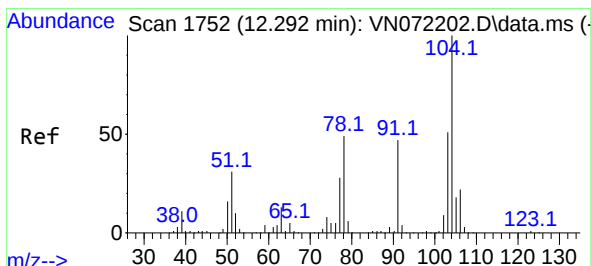
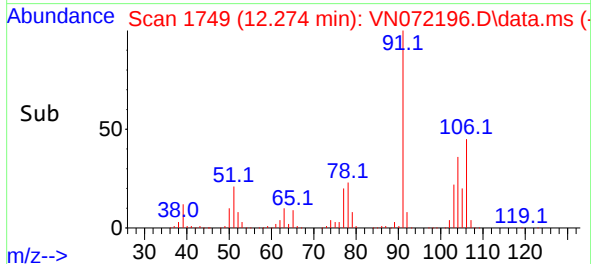
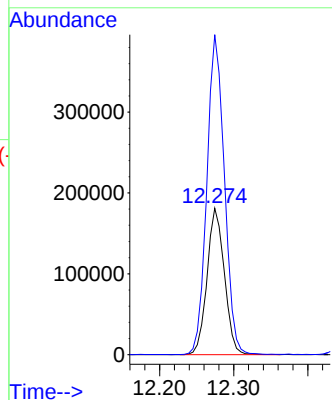
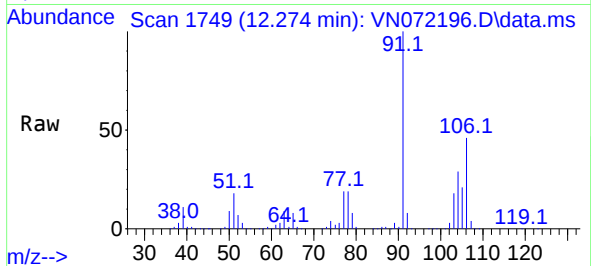
#69
o-Xylene
Concen: 62.610 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN072196.D
Acq: 26 Apr 2022 13:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 29399
Ion Ratio Lower Upper
106 100
91 221.9 106.0 318.0

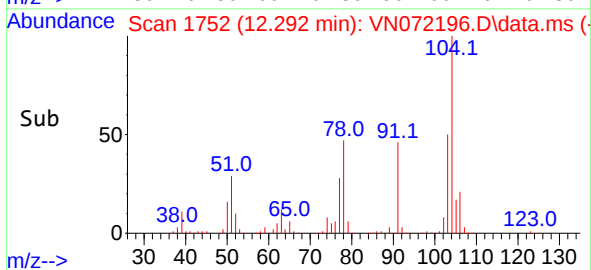
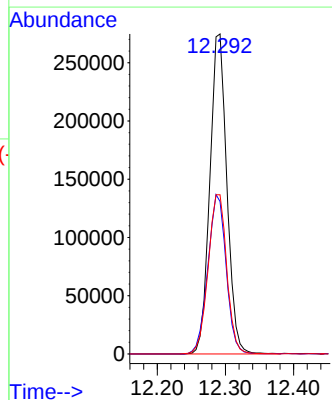
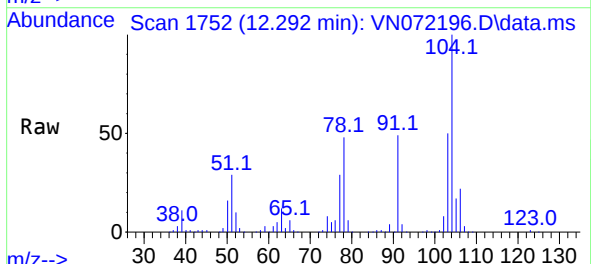
Manual Integrations
APPROVED

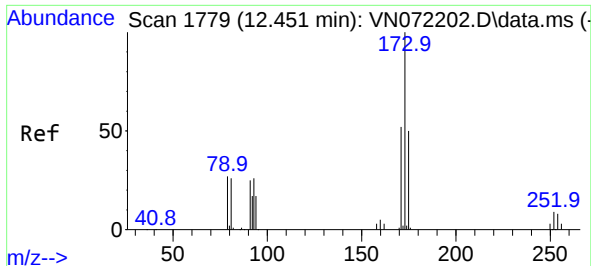
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#70
Styrene
Concen: 64.650 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VN072196.D
Acq: 26 Apr 2022 13:22

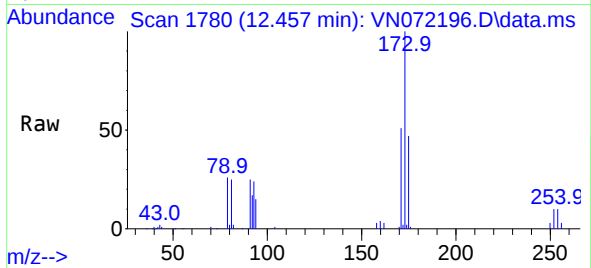
Tgt Ion:104 Resp: 478171
Ion Ratio Lower Upper
104 100
78 53.6 39.5 59.3
103 54.5 44.0 66.0





#71
Bromoform
Concen: 60.428 ug/l
RT: 12.457 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN072196.D
Acq: 26 Apr 2022 13:22

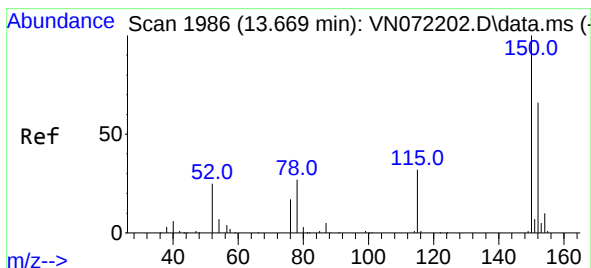
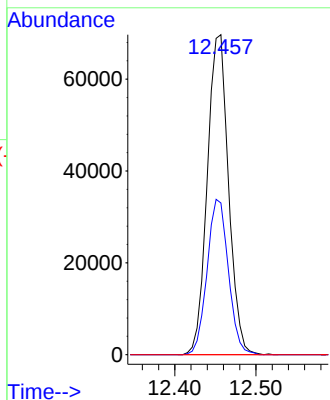
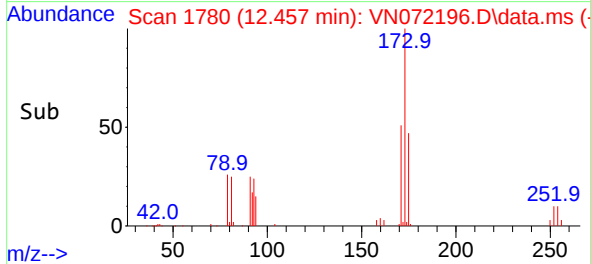
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



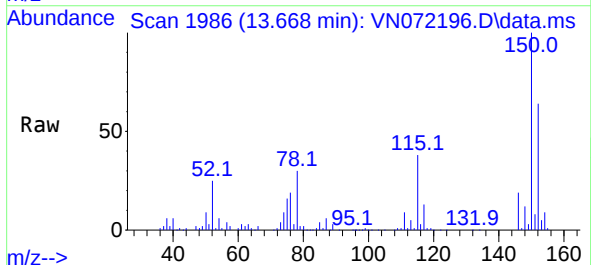
Tgt Ion:173 Resp: 126663
Ion Ratio Lower Upper
173 100
175 48.7 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

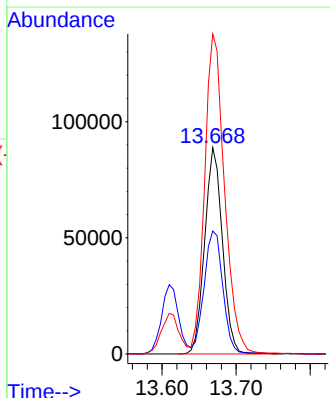
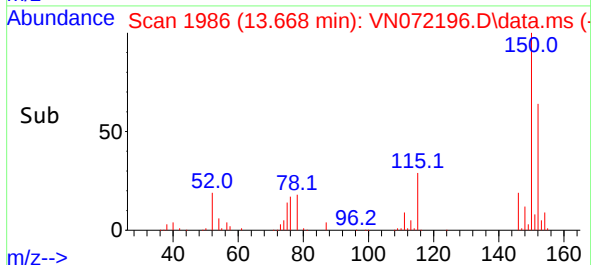
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

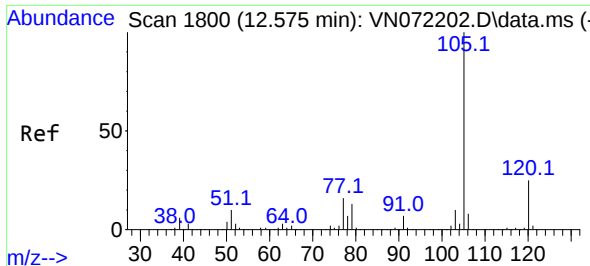


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072196.D
Acq: 26 Apr 2022 13:22



Tgt Ion:152 Resp: 147996
Ion Ratio Lower Upper
152 100
115 62.3 28.9 86.7
150 173.2 0.0 356.2





#73
Isopropylbenzene
Concen: 60.031 ug/l
RT: 12.574 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN072196.D
Acq: 26 Apr 2022 13:22

Instrument :

MSVOA_N

ClientSampleId :

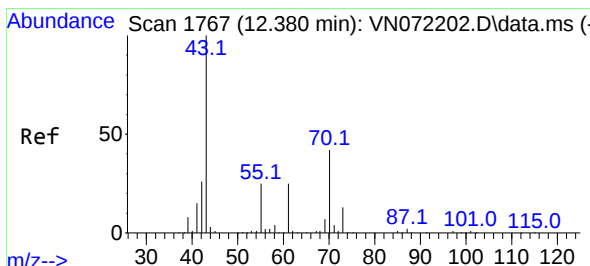
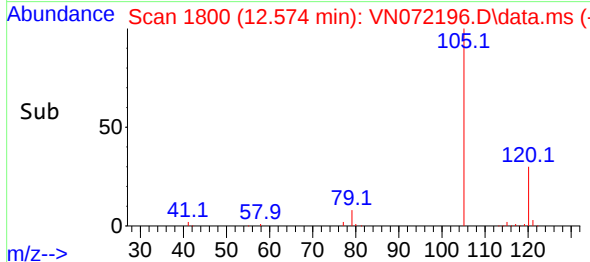
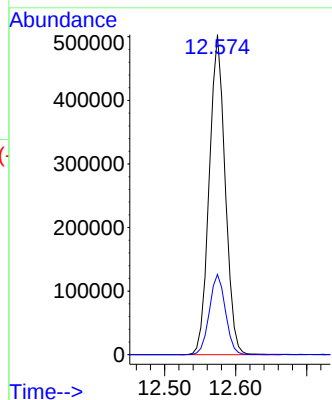
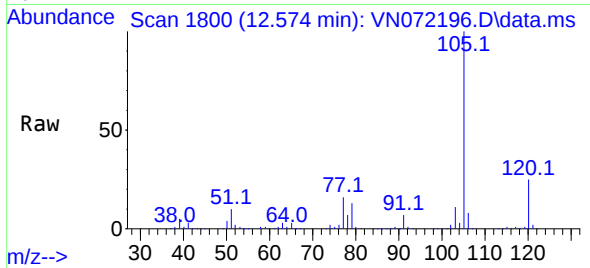
VSTDCCC050

Tgt Ion:105 Resp: 784670
Ion Ratio Lower Upper
105 100
120 25.2 13.5 40.4

Manual Integrations

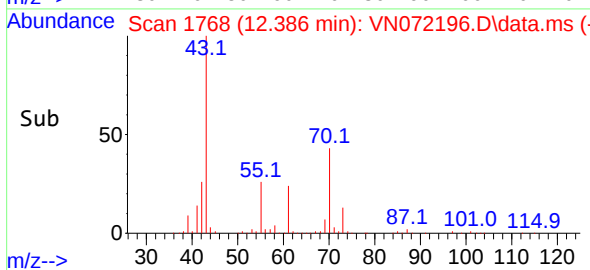
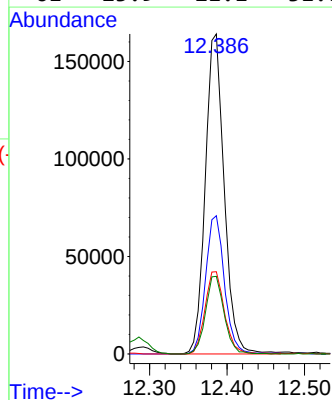
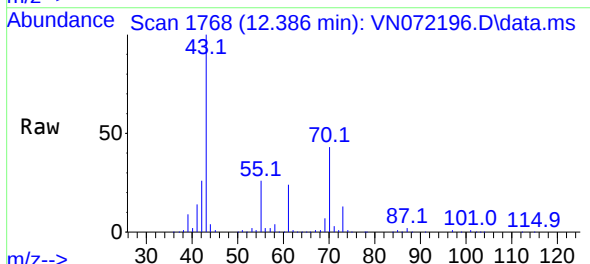
APPROVED

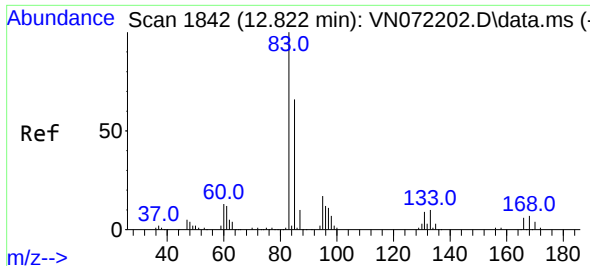
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#74
N-ethyl acetate
Concen: 56.874 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.006 min
Lab File: VN072196.D
Acq: 26 Apr 2022 13:22

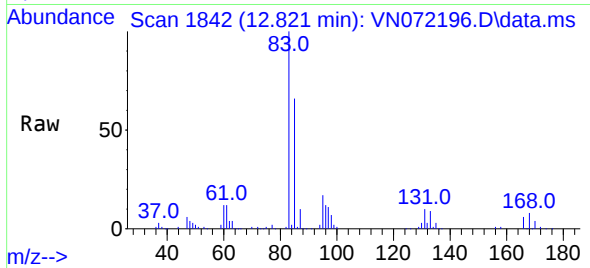
Tgt Ion: 43 Resp: 278512
Ion Ratio Lower Upper
43 100
70 43.1 39.0 58.4
55 26.3 21.1 31.7
61 23.9 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 56.647 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.001 min
Lab File: VN072196.D
Acq: 26 Apr 2022 13:22

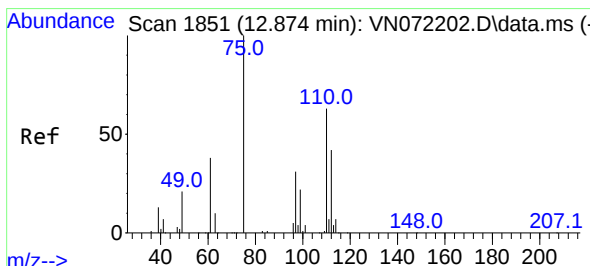
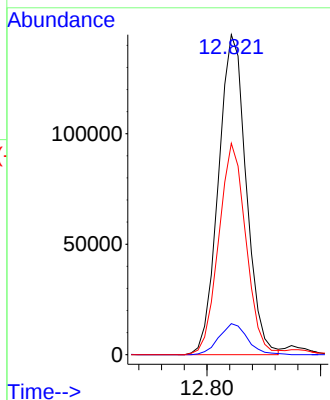
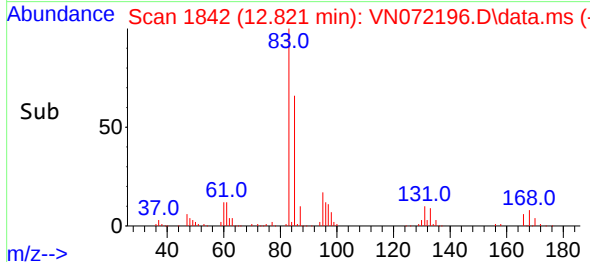
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



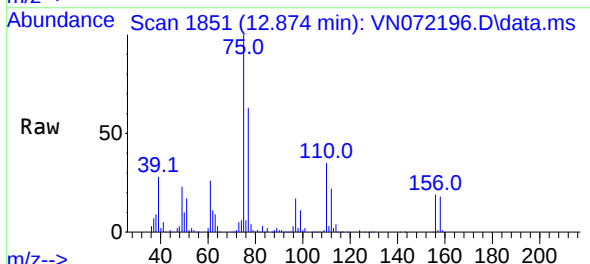
Tgt Ion: 83 Resp: 246117
Ion Ratio Lower Upper
83 100
131 10.0 5.3 15.9
85 65.0 32.3 96.9

Manual Integrations
APPROVED

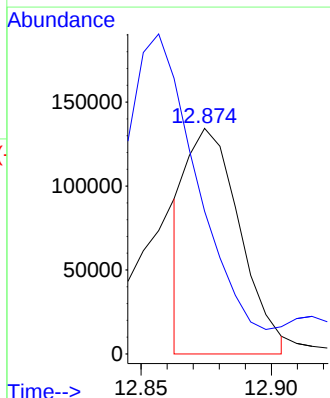
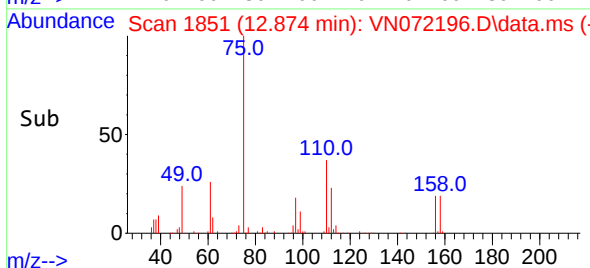
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

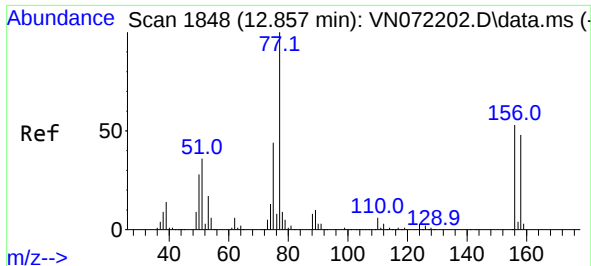


#76
1,2,3-Trichloropropane
Concen: 54.993 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN072196.D
Acq: 26 Apr 2022 13:22



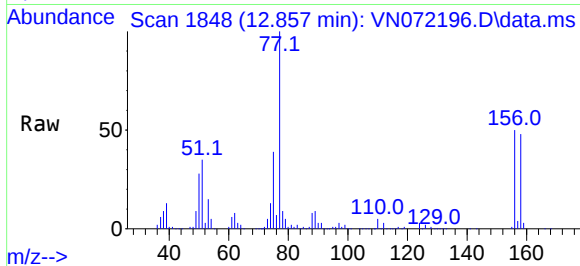
Tgt Ion: 75 Resp: 192288
Ion Ratio Lower Upper
75 100
77 203.3 98.5 295.5





#77
Bromobenzene
Concen: 53.795 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN072196.D
Acq: 26 Apr 2022 13:22

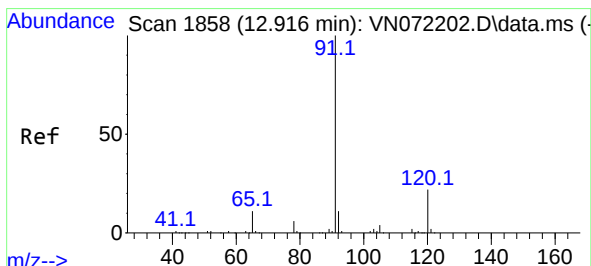
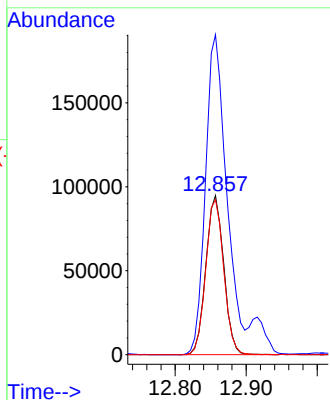
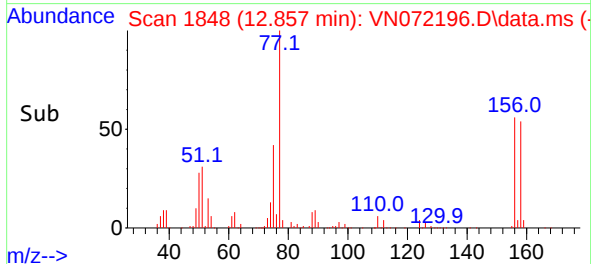
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



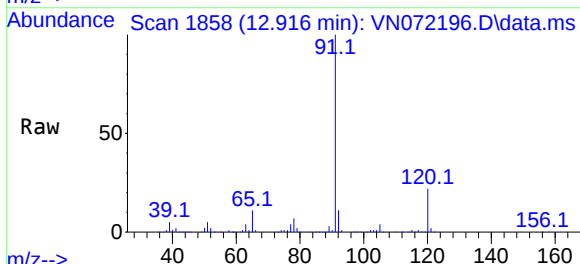
Tgt Ion:156 Resp: 166283
Ion Ratio Lower Upper
156 100
77 235.1 100.5 301.5
158 98.0 48.9 146.6

Manual Integrations
APPROVED

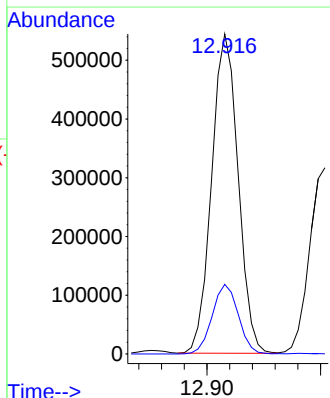
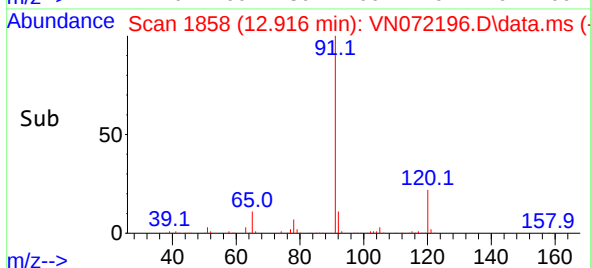
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

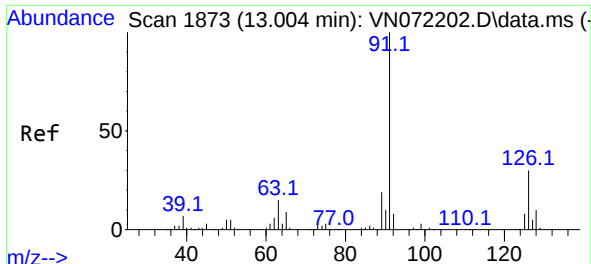


#78
n-propylbenzene
Concen: 61.053 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072196.D
Acq: 26 Apr 2022 13:22



Tgt Ion: 91 Resp: 879139
Ion Ratio Lower Upper
91 100
120 21.5 11.9 35.5





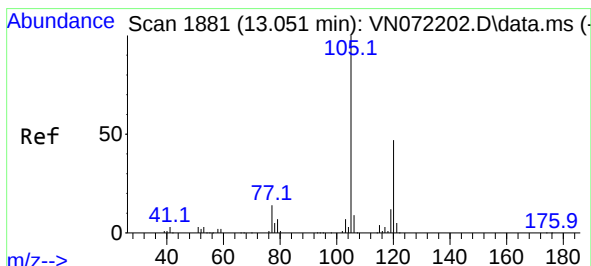
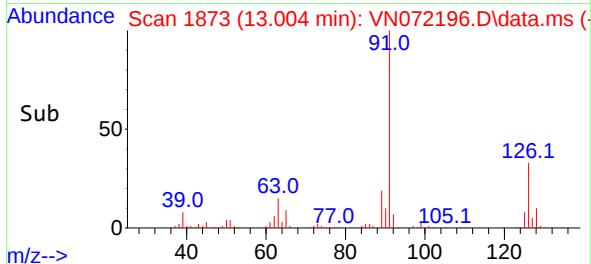
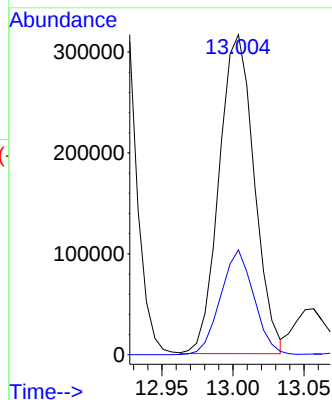
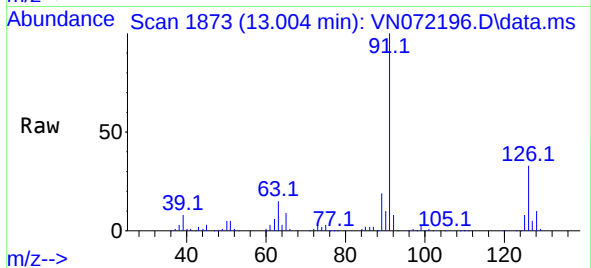
#79
2-Chlorotoluene
Concen: 57.585 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN072196.D
Acq: 26 Apr 2022 13:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 544654
Ion Ratio Lower Upper
91 100
126 31.2 17.3 51.9

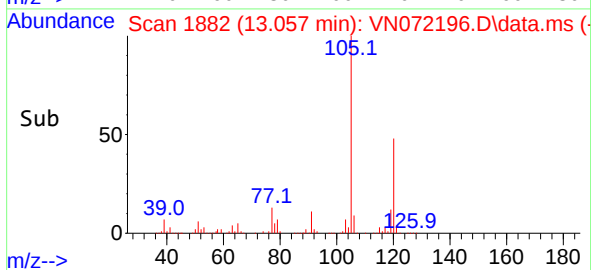
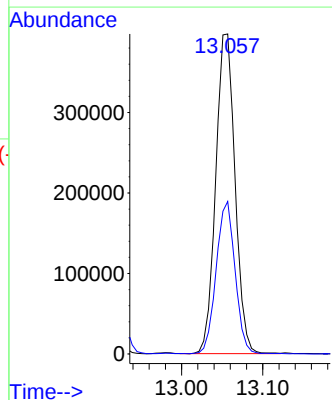
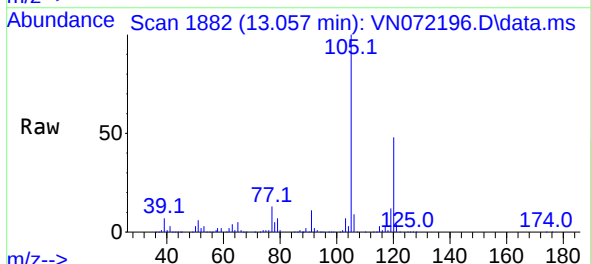
Manual Integrations
APPROVED

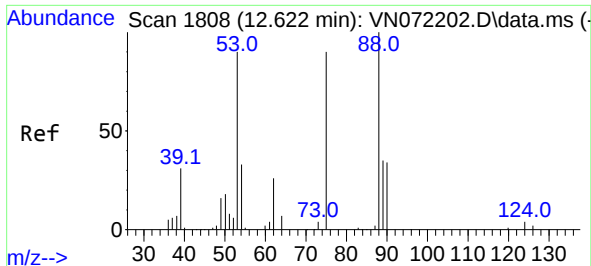
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#80
1,3,5-Trimethylbenzene
Concen: 60.422 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN072196.D
Acq: 26 Apr 2022 13:22

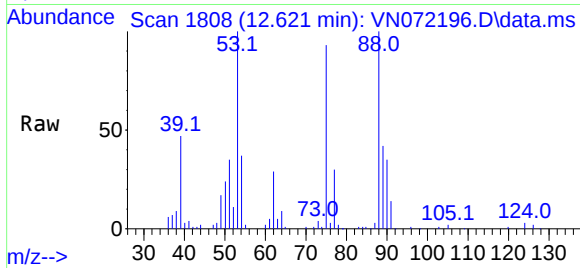
Tgt Ion:105 Resp: 657730
Ion Ratio Lower Upper
105 100
120 46.9 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 57.916 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.001 min
Lab File: VN072196.D
Acq: 26 Apr 2022 13:22

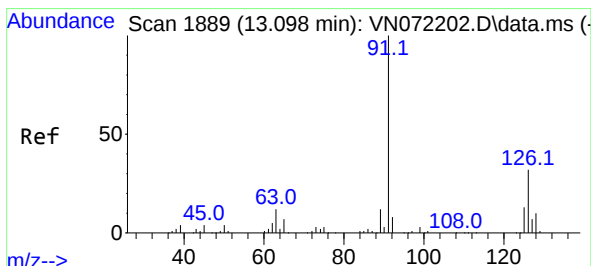
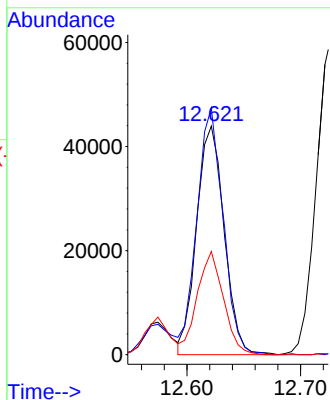
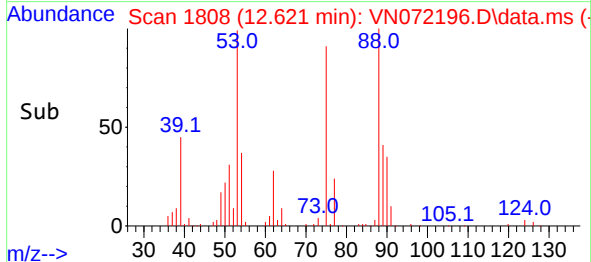
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



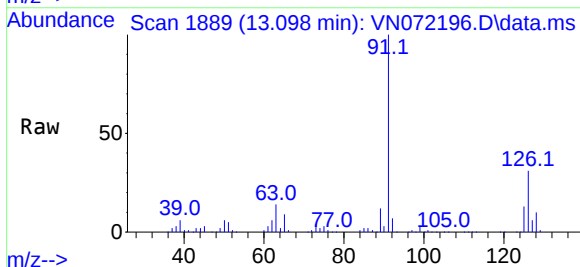
Tgt Ion: 75 Resp: 74130
Ion Ratio Lower Upper
75 100
53 102.8 78.0 117.0
89 43.1 37.2 55.8

Manual Integrations
APPROVED

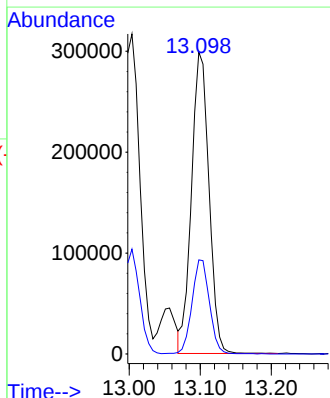
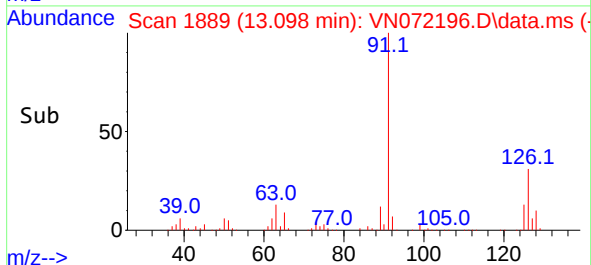
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

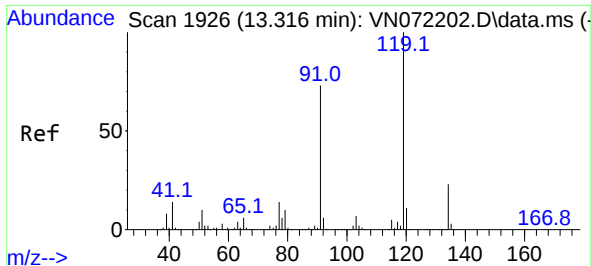


#82
4-Chlorotoluene
Concen: 58.111 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN072196.D
Acq: 26 Apr 2022 13:22



Tgt Ion: 91 Resp: 511636
Ion Ratio Lower Upper
91 100
126 30.9 17.2 51.6





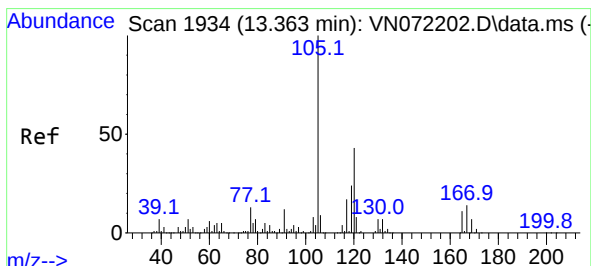
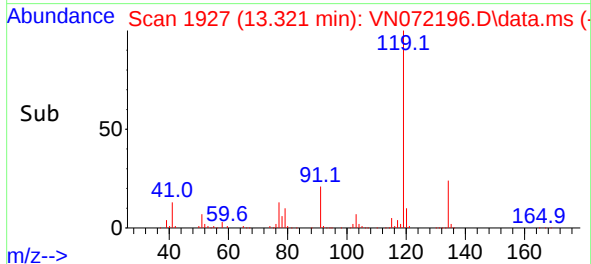
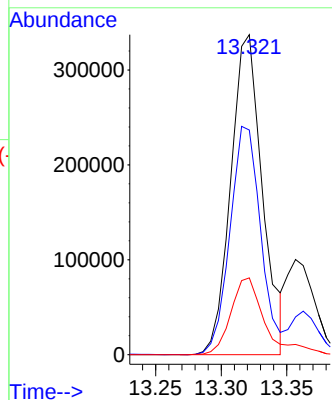
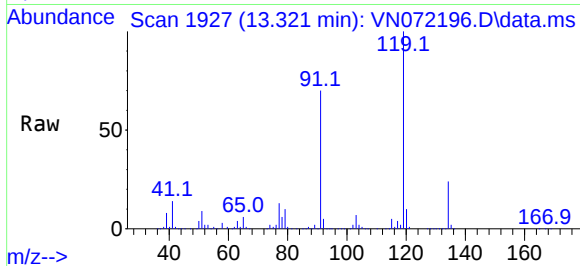
#83
tert-Butylbenzene
Concen: 59.217 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. 0.005 min
Lab File: VN072196.D
Acq: 26 Apr 2022 13:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 565970
Ion Ratio Lower Upper
119 100
91 69.5 31.6 94.8
134 25.9 13.7 41.1

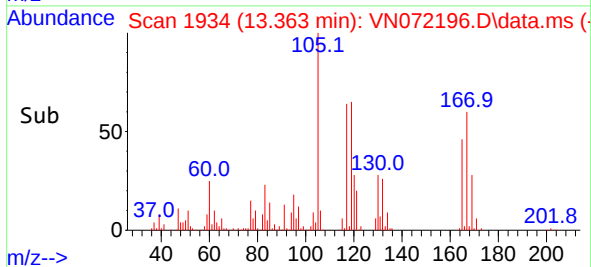
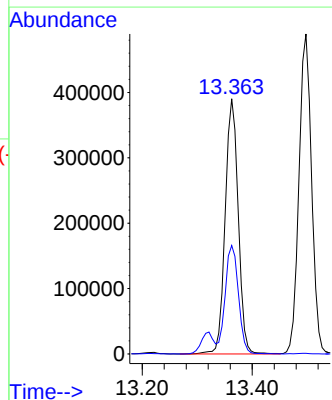
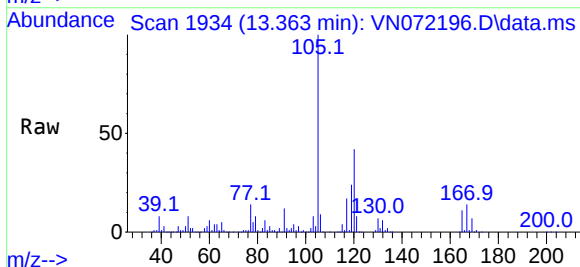
Manual Integrations
APPROVED

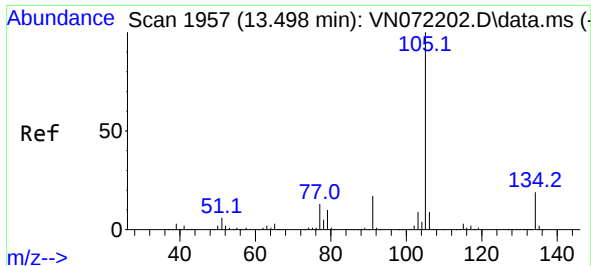
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#84
1,2,4-Trimethylbenzene
Concen: 61.021 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072196.D
Acq: 26 Apr 2022 13:22

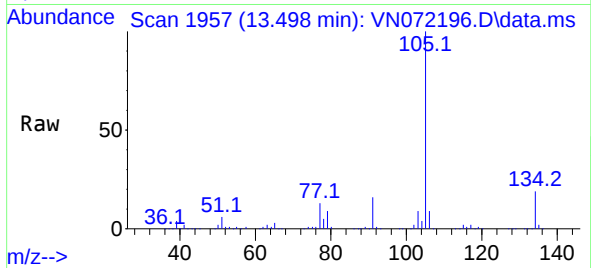
Tgt Ion:105 Resp: 642692
Ion Ratio Lower Upper
105 100
120 43.4 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 62.620 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN072196.D
 Acq: 26 Apr 2022 13:22

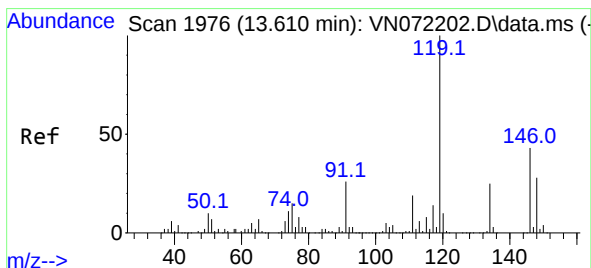
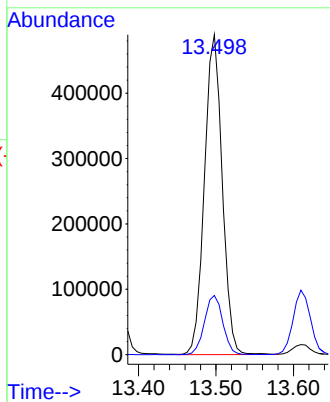
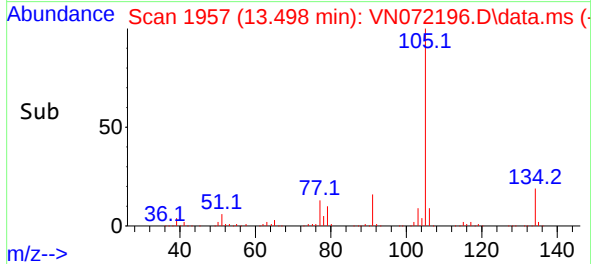
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



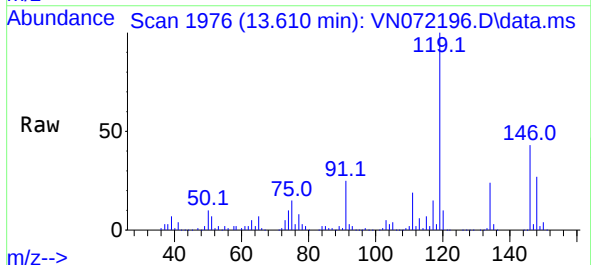
Tgt Ion:105 Resp: 780284
 Ion Ratio Lower Upper
 105 100
 134 19.1 10.4 31.1

Manual Integrations
 APPROVED

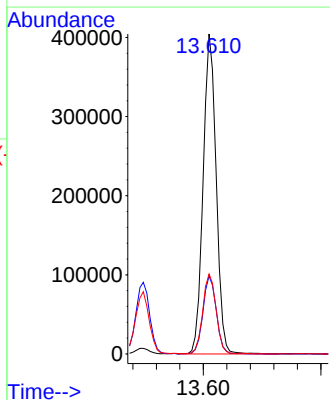
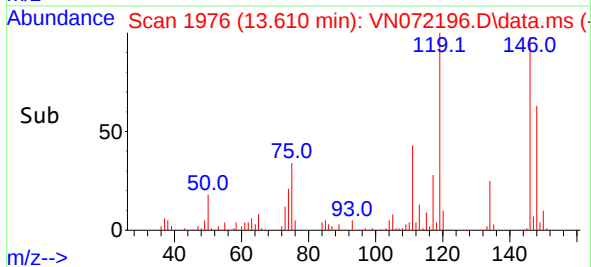
Reviewed By :John Carlone 04/27/2022
 Supervised By :Mahesh Dadoda 04/27/2022

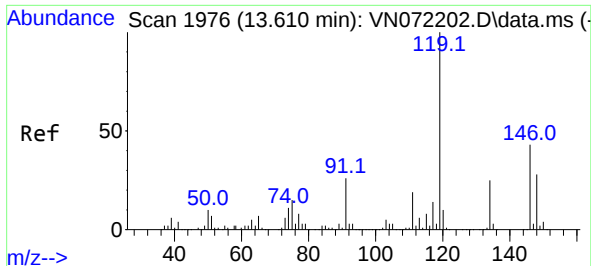


#86
 p-Isopropyltoluene
 Concen: 64.229 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN072196.D
 Acq: 26 Apr 2022 13:22



Tgt Ion:119 Resp: 623956
 Ion Ratio Lower Upper
 119 100
 134 24.8 13.3 39.8
 91 25.2 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 57.054 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VN072196.D

Acq: 26 Apr 2022 13:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

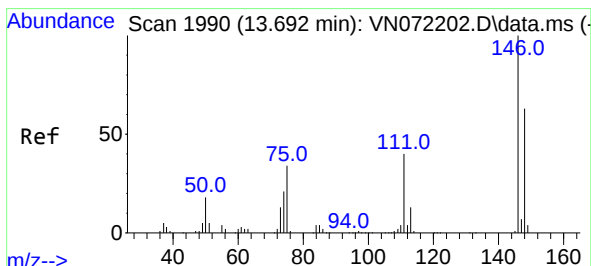
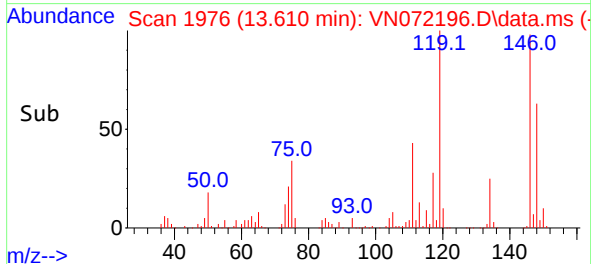
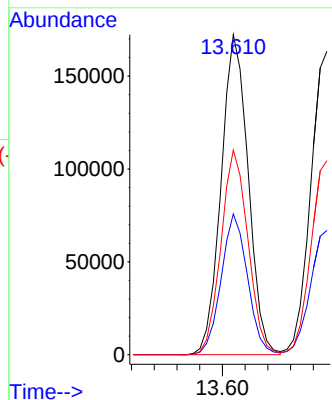
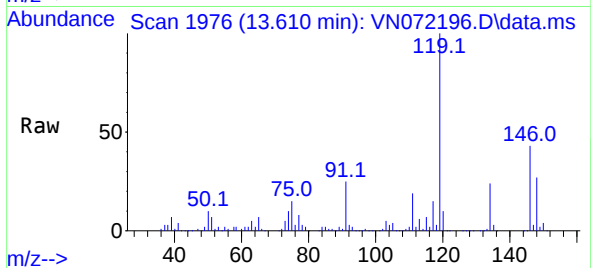
Tgt Ion:146 Resp: 285432
 Ion Ratio Lower Upper
 146 100
 111 42.9 20.0 60.0
 148 63.7 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/27/2022

Supervised By :Mahesh Dadoda 04/27/2022



#88

1,4-Dichlorobenzene

Concen: 57.086 ug/l

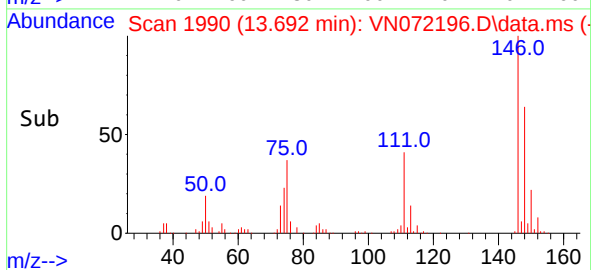
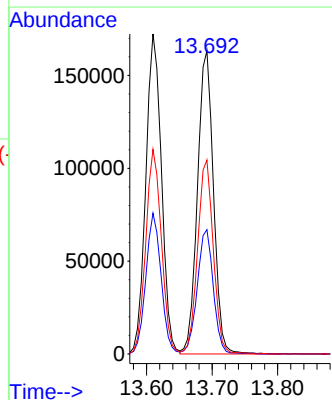
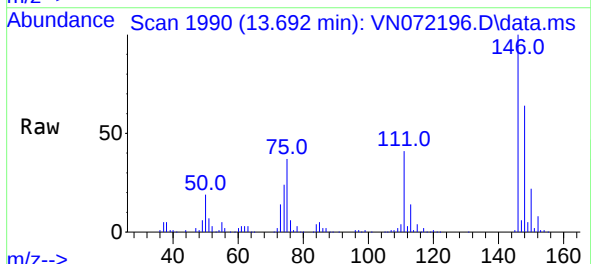
RT: 13.692 min Scan# 1990

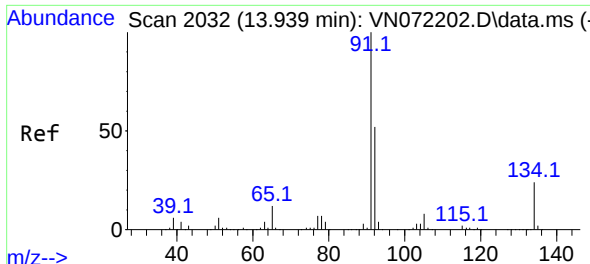
Delta R.T. -0.000 min

Lab File: VN072196.D

Acq: 26 Apr 2022 13:22

Tgt Ion:146 Resp: 277734
 Ion Ratio Lower Upper
 146 100
 111 41.3 19.1 57.1
 148 62.9 31.4 94.3





#89
n-Butylbenzene
Concen: 64.676 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072196.D
Acq: 26 Apr 2022 13:22

Instrument :

MSVOA_N

ClientSampleId :

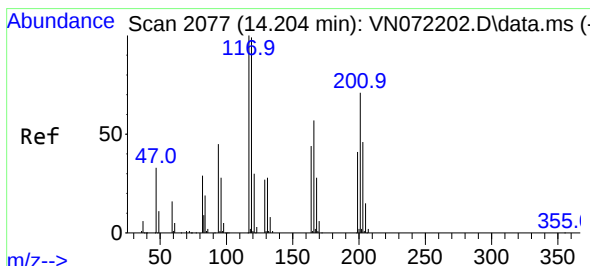
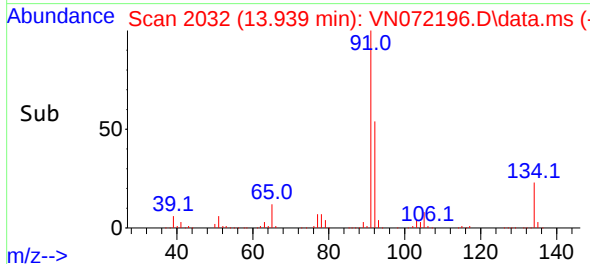
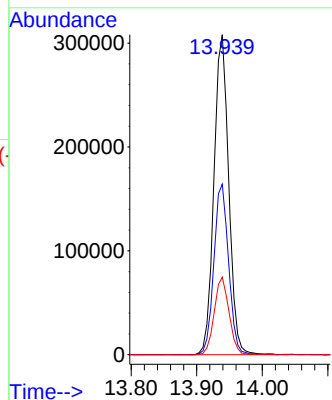
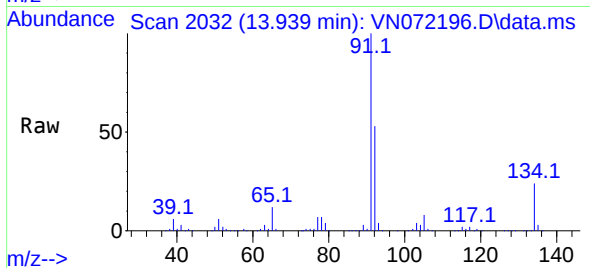
VSTDCCC050

Tgt Ion: 91 Resp: 481249
Ion Ratio Lower Upper
91 100
92 53.2 26.9 80.7
134 24.3 13.6 40.8

Manual Integrations

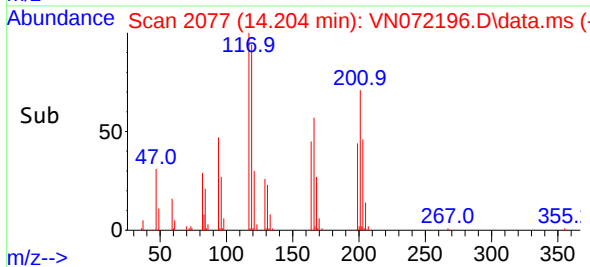
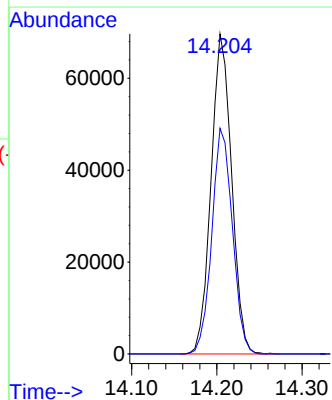
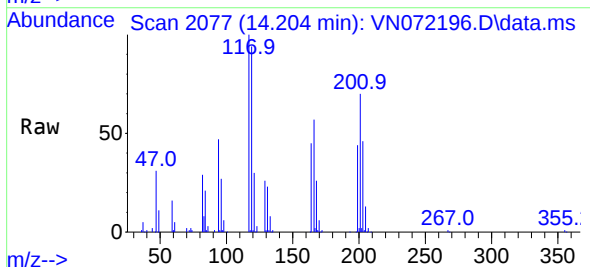
APPROVED

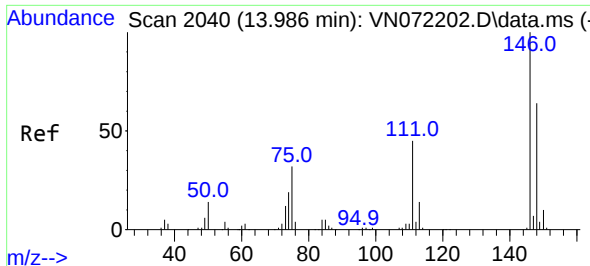
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#90
Hexachloroethane
Concen: 55.309 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN072196.D
Acq: 26 Apr 2022 13:22

Tgt Ion:117 Resp: 116638
Ion Ratio Lower Upper
117 100
201 70.6 40.6 122.0





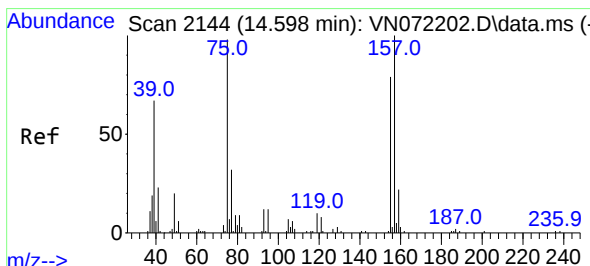
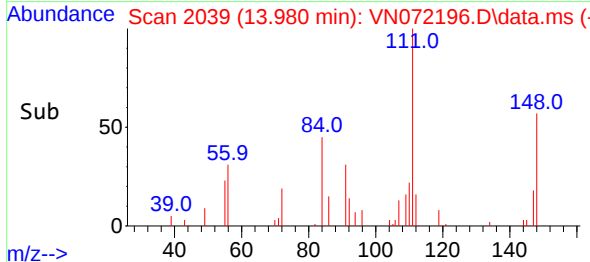
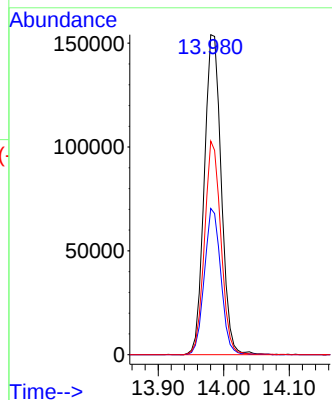
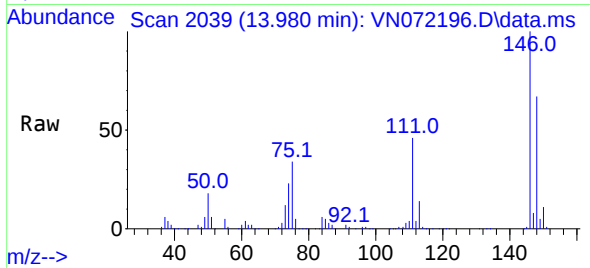
#91
1,2-Dichlorobenzene
Concen: 56.298 ug/l
RT: 13.980 min Scan# 2040
Delta R.T. -0.006 min
Lab File: VN072196.D
Acq: 26 Apr 2022 13:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 277602
Ion Ratio Lower Upper
146 100
111 44.5 20.9 62.8
148 64.4 32.1 96.3

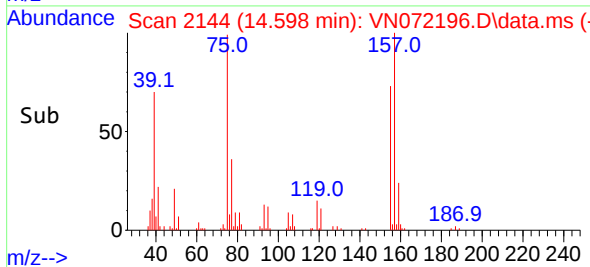
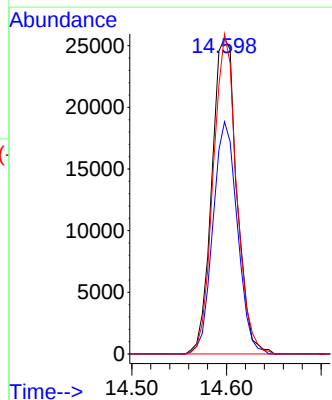
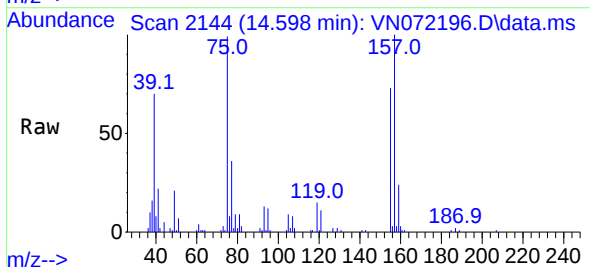
Manual Integrations
APPROVED

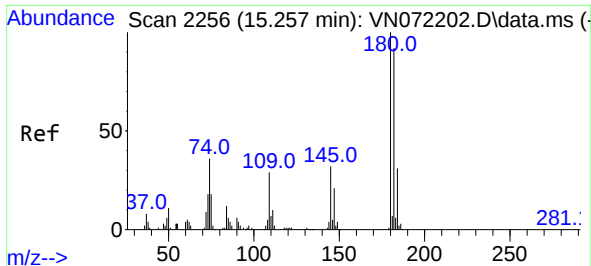
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.793 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN072196.D
Acq: 26 Apr 2022 13:22

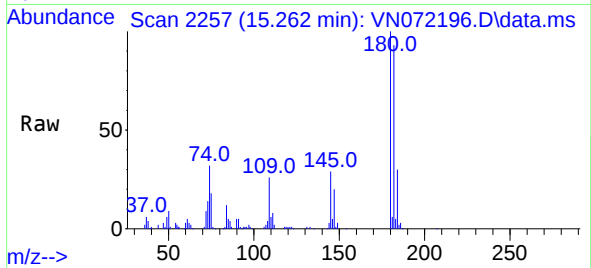
Tgt Ion: 75 Resp: 46822
Ion Ratio Lower Upper
75 100
155 72.0 44.9 134.5
157 94.9 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 53.379 ug/l
RT: 15.262 min Scan# 21
Delta R.T. 0.005 min
Lab File: VN072196.D
Acq: 26 Apr 2022 13:22

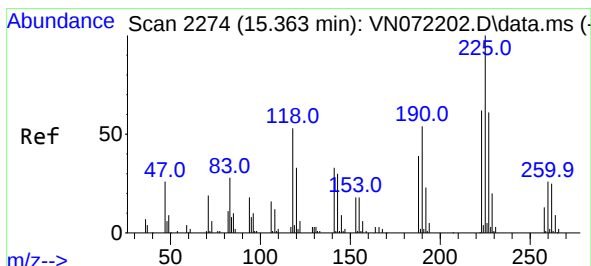
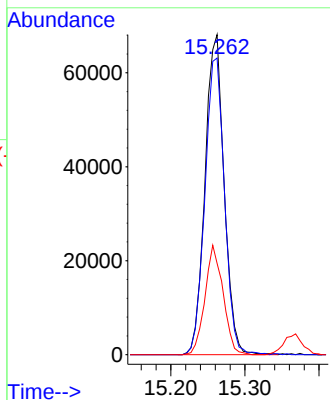
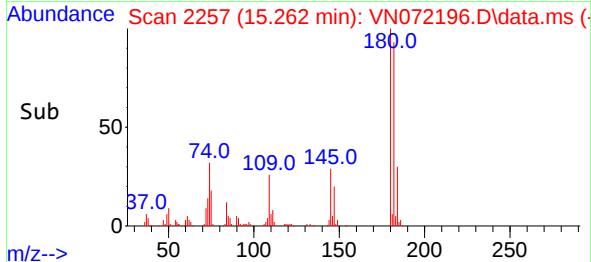
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



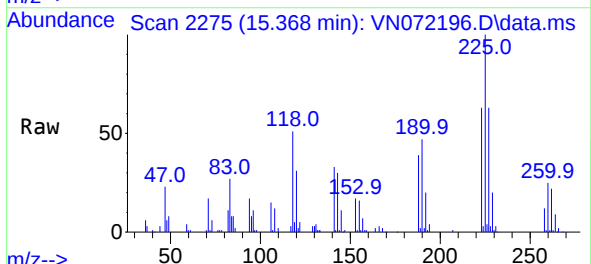
Tgt Ion:180 Resp: 122070
Ion Ratio Lower Upper
180 100
182 94.9 47.5 142.5
145 32.3 14.5 43.5

Manual Integrations
APPROVED

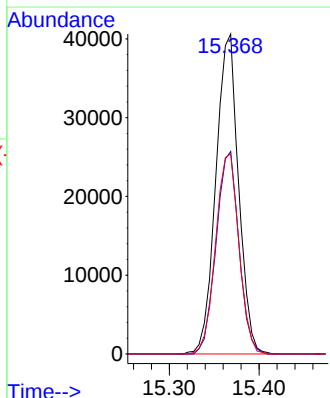
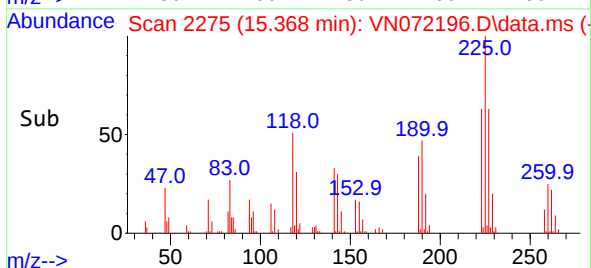
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

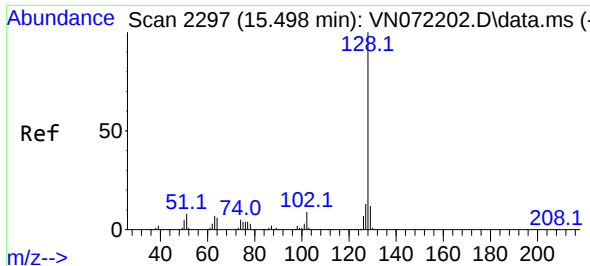


#94
Hexachlorobutadiene
Concen: 53.925 ug/l
RT: 15.368 min Scan# 2275
Delta R.T. 0.005 min
Lab File: VN072196.D
Acq: 26 Apr 2022 13:22



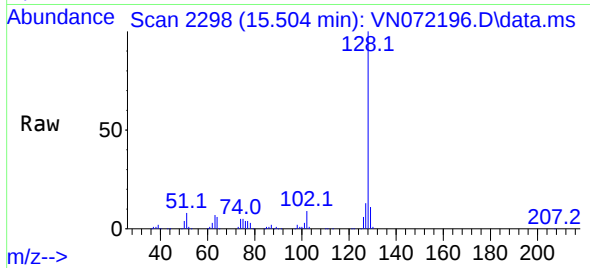
Tgt Ion:225 Resp: 71252
Ion Ratio Lower Upper
225 100
223 63.3 32.4 97.2
227 64.1 31.8 95.4





#95
Naphthalene
Concen: 49.711 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN072196.D
Acq: 26 Apr 2022 13:22

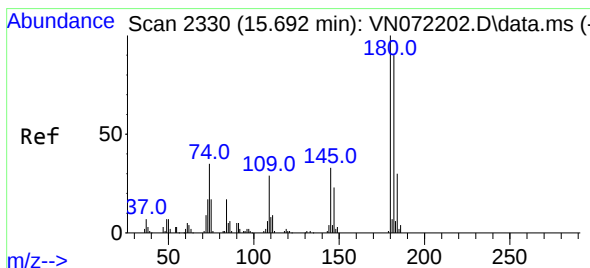
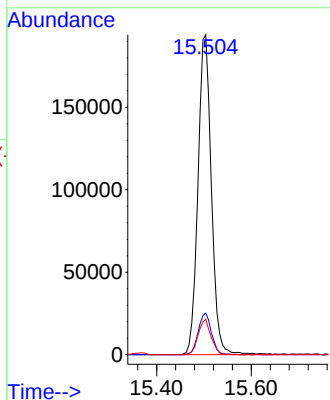
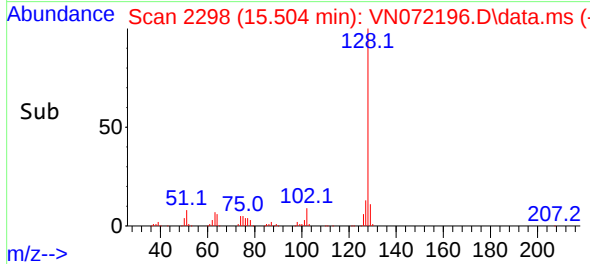
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 38085
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.6 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: 53.305 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN072196.D
Acq: 26 Apr 2022 13:22

Tgt Ion:180 Resp: 121524
Ion Ratio Lower Upper
180 100
182 96.5 47.8 143.3
145 35.4 15.5 46.5

