

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050422\
 Data File : VN072322.D
 Acq On : 04 May 2022 12:49
 Operator : JC\MD
 Sample : VN0504WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0504WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/05/2022
 Supervised By : Mahesh Dadoda 05/05/2022

Quant Time: May 04 14:21:01 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	193963	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	330391	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	301774	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	123421	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	161272	54.159	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 108.320%			
35) Dibromofluoromethane	8.016	113	114649	54.216	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 108.440%			
50) Toluene-d8	10.439	98	437211	52.616	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 105.240%			
62) 4-Bromofluorobenzene	12.727	95	144503	52.393	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 104.780%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	41350	18.915	ug/l	98
3) Chloromethane	2.299	50	44987	17.922	ug/l	95
4) Vinyl Chloride	2.440	62	37923	17.368	ug/l #	85
5) Bromomethane	2.840	94	23881	21.574	ug/l	88
6) Chloroethane	3.004	64	24762	19.037	ug/l	95
7) Trichlorofluoromethane	3.369	101	69476	18.213	ug/l	99
8) Diethyl Ether	3.828	74	26576	19.240	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.210	101	39999	19.962	ug/l	96
10) Methyl Iodide	4.422	142	46294	19.033	ug/l #	89
11) Tert butyl alcohol	5.369	59	50847	103.907	ug/l	96
12) 1,1-Dichloroethene	4.187	96	33181	17.911	ug/l	92
13) Acrolein	4.046	56	41097	83.452	ug/l	96
14) Allyl chloride	4.834	41	74355	19.331	ug/l #	93
15) Acrylonitrile	5.551	53	152152	103.036	ug/l	99
16) Acetone	4.287	43	130415	101.582	ug/l	94
17) Carbon Disulfide	4.534	76	72845	16.955	ug/l #	94
18) Methyl Acetate	4.851	43	75515	21.017	ug/l #	89
19) Methyl tert-butyl Ether	5.610	73	152873	21.052	ug/l	97
20) Methylene Chloride	5.093	84	45786	18.605	ug/l #	82
21) trans-1,2-Dichloroethene	5.598	96	35868	17.559	ug/l	83
22) Diisopropyl ether	6.492	45	167340	21.122	ug/l	92
23) Vinyl Acetate	6.428	43	712992	107.154	ug/l	94
24) 1,1-Dichloroethane	6.381	63	86254	19.463	ug/l	97
25) 2-Butanone	7.328	43	208239	101.848	ug/l #	89
26) 2,2-Dichloropropane	7.328	77	69412	20.051	ug/l	99
27) cis-1,2-Dichloroethene	7.316	96	48719	19.563	ug/l	92
28) Bromochloromethane	7.657	49	45632	22.996	ug/l #	81
29) Tetrahydrofuran	7.681	42	142135	105.928	ug/l #	86
30) Chloroform	7.810	83	91826	20.637	ug/l	98
31) Cyclohexane	8.092	56	68938	17.327	ug/l	88
32) 1,1,1-Trichloroethane	8.010	97	73314	19.362	ug/l	95
36) 1,1-Dichloropropene	8.222	75	58381	18.967	ug/l	97
37) Ethyl Acetate	7.410	43	86267	21.104	ug/l #	95
38) Carbon Tetrachloride	8.198	117	64686	19.621	ug/l	95
39) Methylcyclohexane	9.457	83	63752	18.518	ug/l	89
40) Benzene	8.457	78	184832	19.359	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.639	41	44896	21.711	ug/l #	88
42) 1,2-Dichloroethane	8.528	62	77189	21.117	ug/l	96
43) Isopropyl Acetate	8.557	43	127919	20.412	ug/l	95
44) Trichloroethene	9.210	130	41976	18.900	ug/l	82
45) 1,2-Dichloropropane	9.486	63	51416	19.929	ug/l	92
46) Dibromomethane	9.575	93	33552	20.760	ug/l	89
47) Bromodichloromethane	9.757	83	71470	21.076	ug/l	99
48) Methyl methacrylate	9.557	41	57939	21.458	ug/l	90
49) 1,4-Dioxane	9.563	88	19936	420.309	ug/l #	78
51) 4-Methyl-2-Pentanone	10.328	43	431096	111.773	ug/l	93
52) Toluene	10.504	92	113267	19.845	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	68827	20.191	ug/l	97
54) cis-1,3-Dichloropropene	10.186	75	78569	21.312	ug/l	92
55) 1,1,2-Trichloroethane	10.892	97	50087	20.929	ug/l	91
56) Ethyl methacrylate	10.757	69	76763	19.814	ug/l	88
57) 1,3-Dichloropropane	11.039	76	87629	20.866	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	98235	98.672	ug/l	95
59) 2-Hexanone	11.080	43	305834	112.547	ug/l	89
60) Dibromochloromethane	11.233	129	52601	21.494	ug/l	100
61) 1,2-Dibromoethane	11.345	107	49440	21.006	ug/l	99
64) Tetrachloroethene	10.975	164	37683	20.745	ug/l	94
65) Chlorobenzene	11.763	112	121086	19.859	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.833	131	47840	20.822	ug/l	100
67) Ethyl Benzene	11.839	91	210178	19.766	ug/l	96
68) m/p-Xylenes	11.951	106	165155	41.826	ug/l	97
69) o-Xylene	12.274	106	79224	20.696	ug/l	94
70) Styrene	12.292	104	129099	21.411	ug/l	97
71) Bromoform	12.457	173	35362	20.694	ug/l #	99
73) Isopropylbenzene	12.574	105	203441	18.663	ug/l	98
74) N-amyl acetate	12.386	43	82990	20.321	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.821	83	77652	20.507	ug/l	98
76) 1,2,3-Trichloropropane	12.874	75	69167m	24.868	ug/l	
77) Bromobenzene	12.857	156	48394	18.773	ug/l	87
78) n-propylbenzene	12.916	91	230464	19.192	ug/l	99
79) 2-Chlorotoluene	13.004	91	147036	18.641	ug/l	96
80) 1,3,5-Trimethylbenzene	13.057	105	173603	19.123	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.621	75	19766	18.518	ug/l	89
82) 4-Chlorotoluene	13.104	91	136926	18.649	ug/l	96
83) tert-Butylbenzene	13.321	119	150863	18.927	ug/l	96
84) 1,2,4-Trimethylbenzene	13.363	105	168858	19.225	ug/l	98
85) sec-Butylbenzene	13.498	105	204004	19.632	ug/l	98
86) p-Isopropyltoluene	13.610	119	157742	19.471	ug/l	97
87) 1,3-Dichlorobenzene	13.610	146	82901	19.870	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	82789	20.405	ug/l	97
89) n-Butylbenzene	13.939	91	118490	19.095	ug/l	96
90) Hexachloroethane	14.204	117	31506	17.915	ug/l	84
91) 1,2-Dichlorobenzene	13.986	146	83645	20.341	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	13708	18.183	ug/l	82
93) 1,2,4-Trichlorobenzene	15.257	180	31315	18.095	ug/l	99
94) Hexachlorobutadiene	15.363	225	20158	18.294	ug/l	99
95) Naphthalene	15.504	128	96861	18.149	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	32567	18.944	ug/l	97

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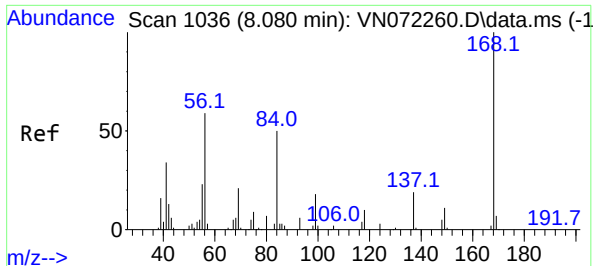
Manual Integrations
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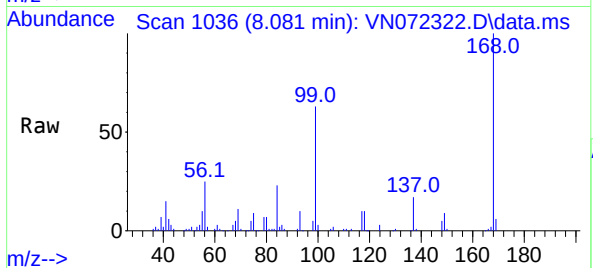
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072322.D
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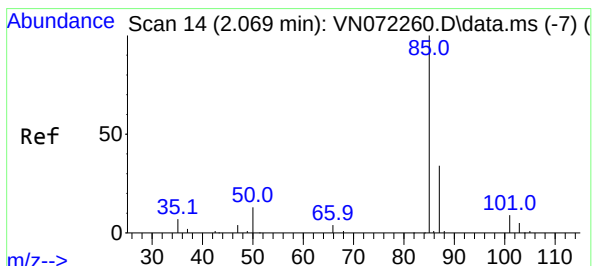
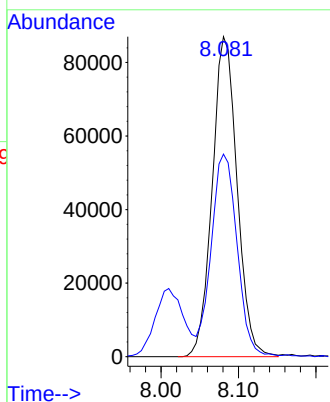
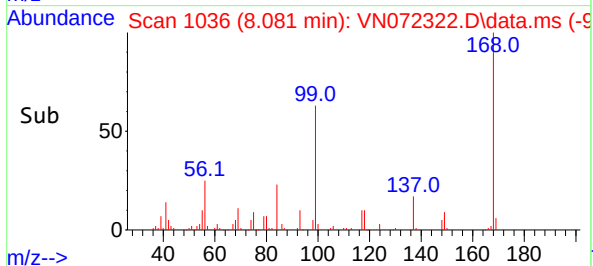
Instrument :
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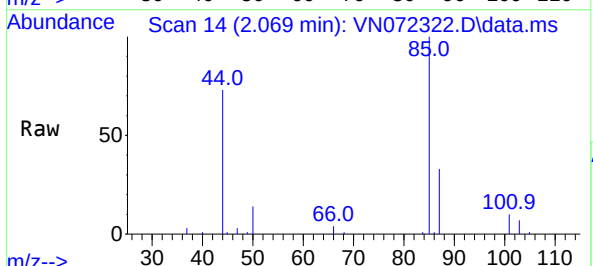
Tgt Ion:168 Resp: 19396
Ion Ratio Lower Upper
168 100
99 63.0 42.3 63.5

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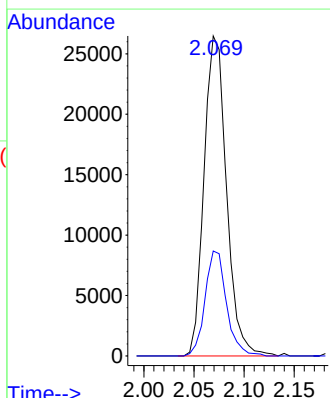
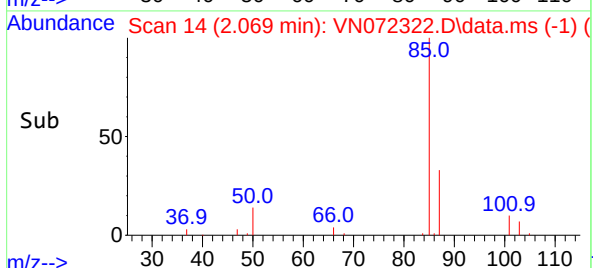
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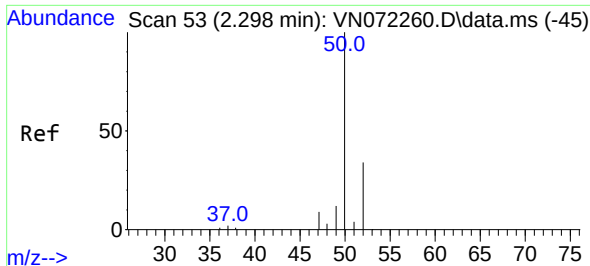


#2
Dichlorodifluoromethane
Concen: 18.915 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49



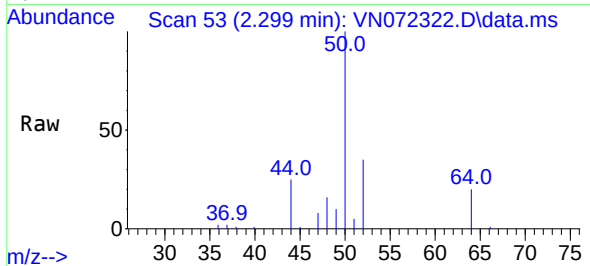
Tgt Ion: 85 Resp: 41350
Ion Ratio Lower Upper
85 100
87 32.8 15.7 47.1





#3
Chloromethane
Concen: 17.922 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49

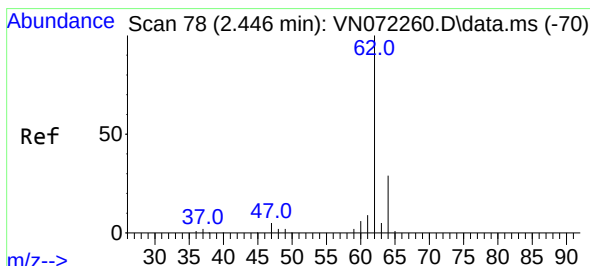
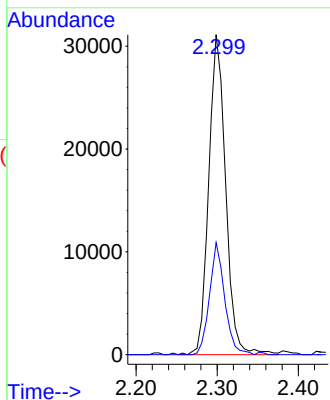
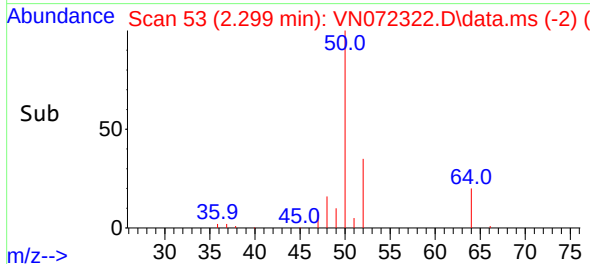
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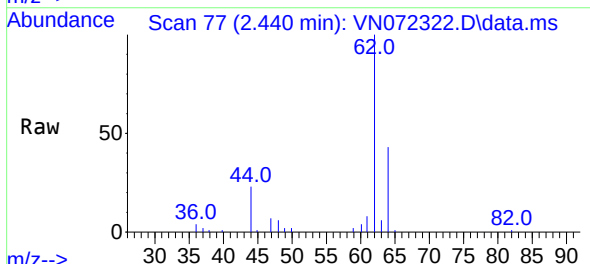
Tgt Ion: 50 Resp: 4498
Ion Ratio Lower Upper
50 100
52 35.0 25.7 38.5

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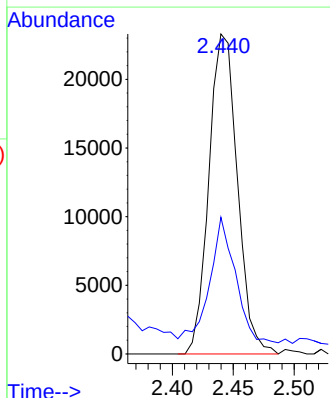
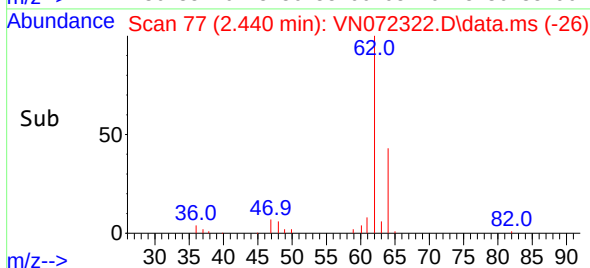
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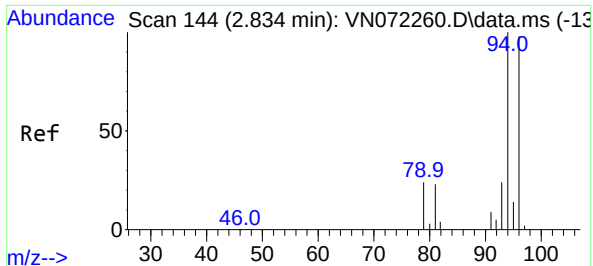


#4
Vinyl Chloride
Concen: 17.368 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.000 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49



Tgt Ion: 62 Resp: 37923
Ion Ratio Lower Upper
62 100
64 39.2 25.0 37.4





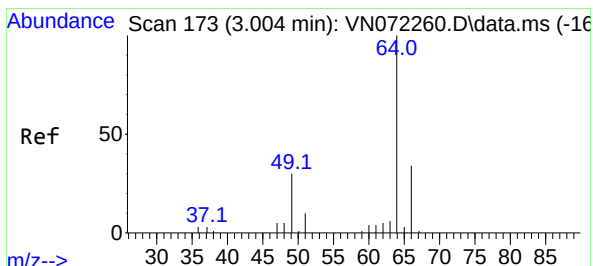
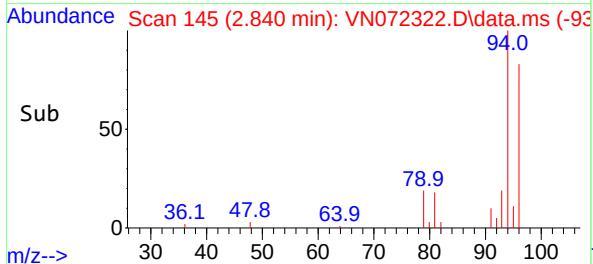
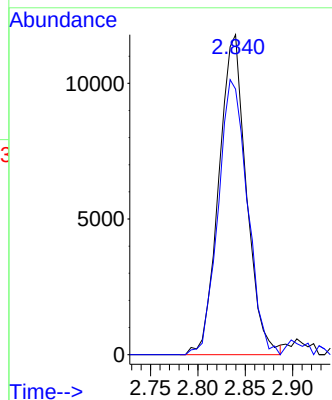
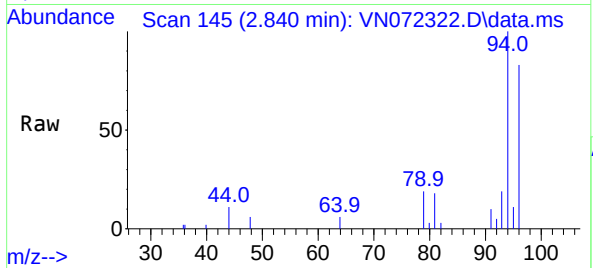
#5
Bromomethane
Concen: 21.574 ug/l
RT: 2.840 min Scan# 144
Delta R.T. 0.006 min
Lab File: VN072322.D
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Instrument :
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Tgt Ion: 94 Resp: 2388
Ion Ratio Lower Upper
94 100
96 83.0 76.0 114.0

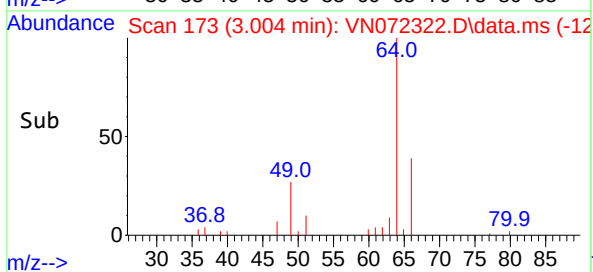
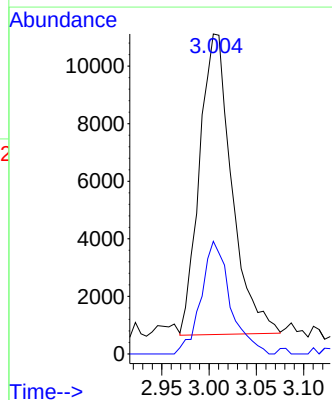
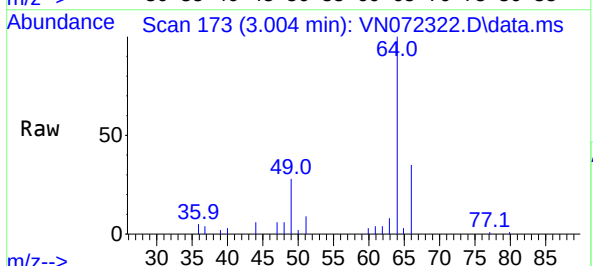
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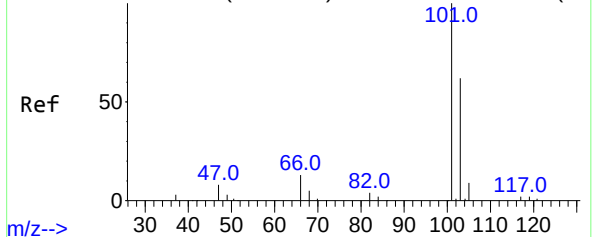


#6
Chloroethane
Concen: 19.037 ug/l
RT: 3.004 min Scan# 173
Delta R.T. -0.001 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49

Tgt Ion: 64 Resp: 24762
Ion Ratio Lower Upper
64 100
66 35.8 26.2 39.4



Abundance Scan 235 (3.369 min): VN072260.D\data.ms (-22



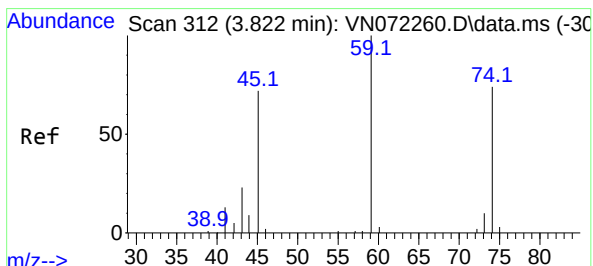
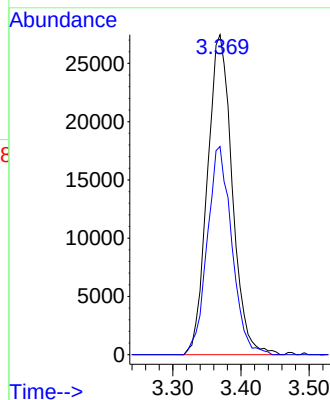
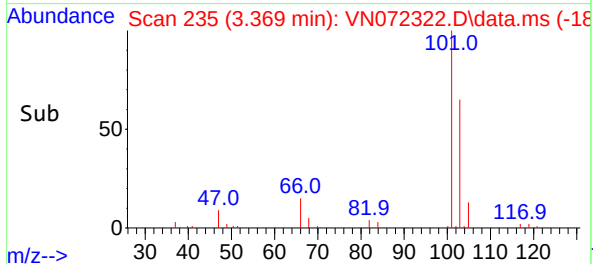
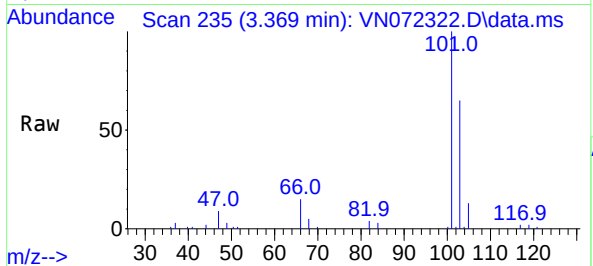
#7
Trichlorofluoromethane
Concen: 18.213 ug/l
RT: 3.369 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 69470
Ion Ratio Lower Upper
101 100
103 65.1 51.5 77.3

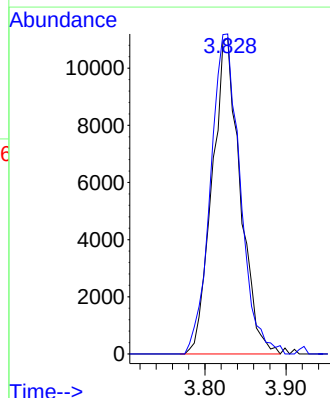
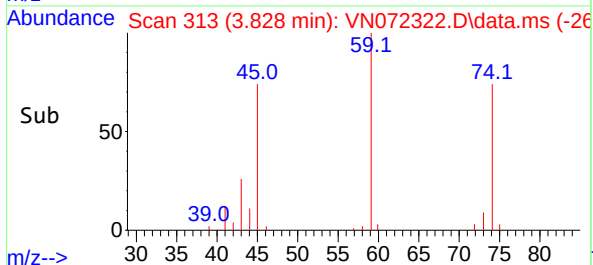
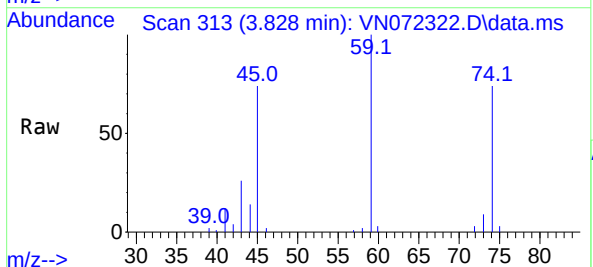
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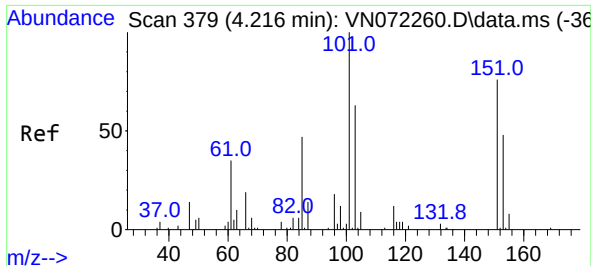
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#8
Diethyl Ether
Concen: 19.240 ug/l
RT: 3.828 min Scan# 313
Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 26576
Ion Ratio Lower Upper
74 100
45 106.5 42.9 128.5





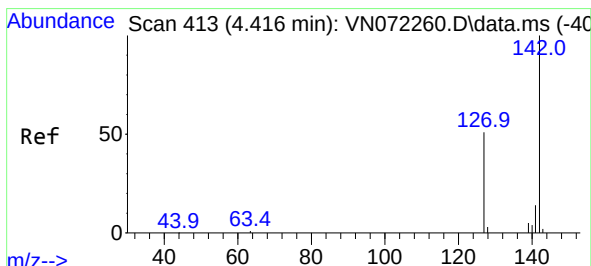
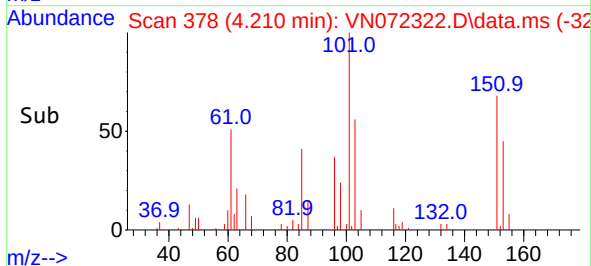
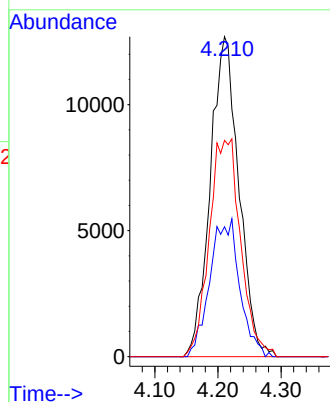
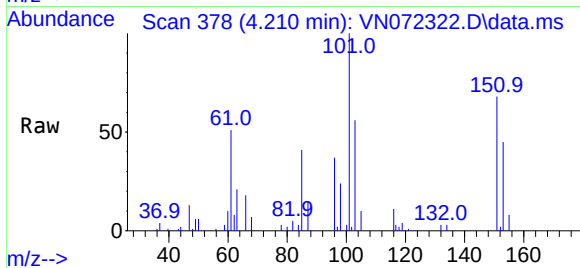
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.962 ug/l
RT: 4.210 min Scan# 311
Delta R.T. 0.000 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN0504WBSD01

Tgt Ion:101 Resp: 39999
Ion Ratio Lower Upper
101 100
85 44.7 34.7 52.1
151 74.4 63.0 94.4

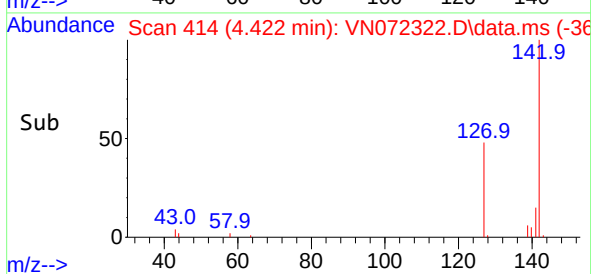
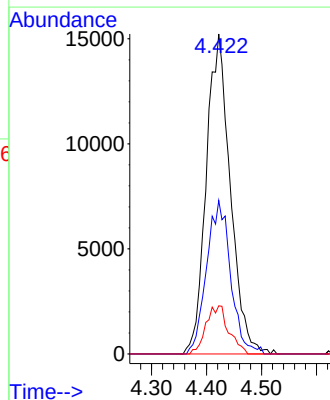
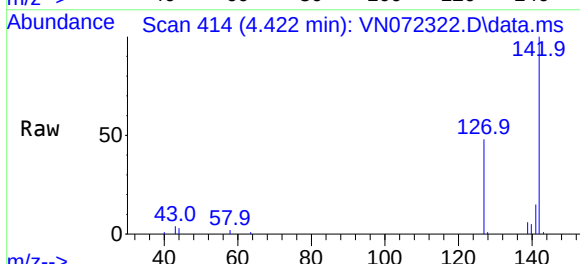
Manual Integrations
APPROVED

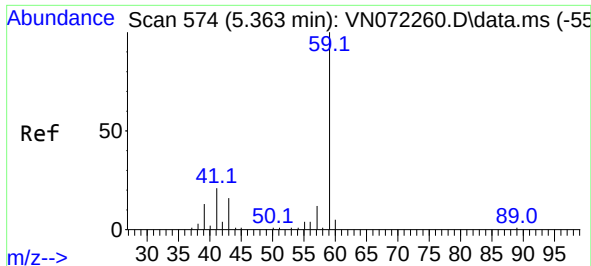
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022



#10
Methyl Iodide
Concen: 19.033 ug/l
RT: 4.422 min Scan# 414
Delta R.T. 0.000 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49

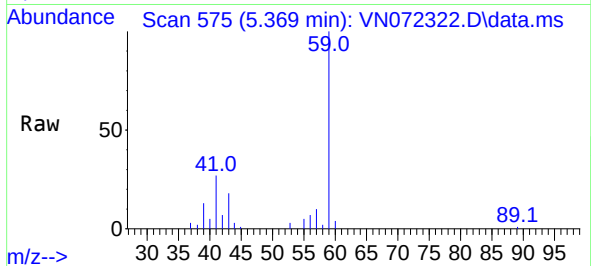
Tgt Ion:142 Resp: 46294
Ion Ratio Lower Upper
142 100
127 47.9 31.3 46.9#
141 14.2 11.2 16.8





#11
Tert butyl alcohol
Concen: 103.907 ug/l
RT: 5.369 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49

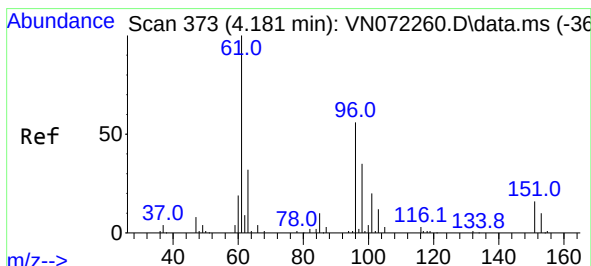
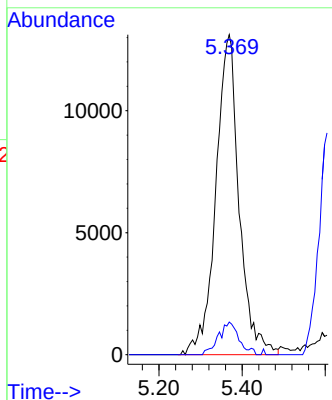
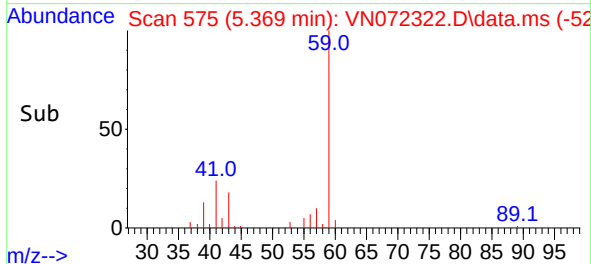
Instrument :
MSVOA_N
ClientSampleId :
VN0504WBSD01



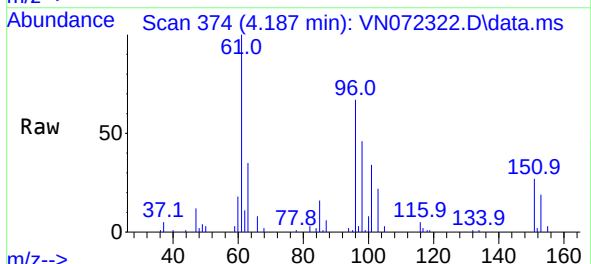
Tgt Ion: 59 Resp: 5084
Ion Ratio Lower Upper
59 100
57 9.0 8.3 12.5

Manual Integrations
APPROVED

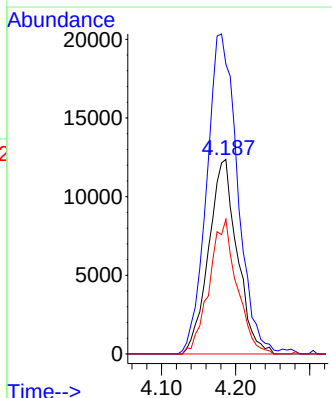
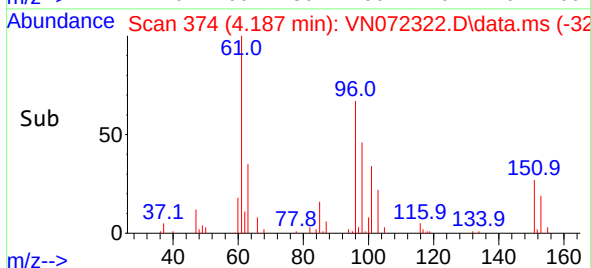
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022

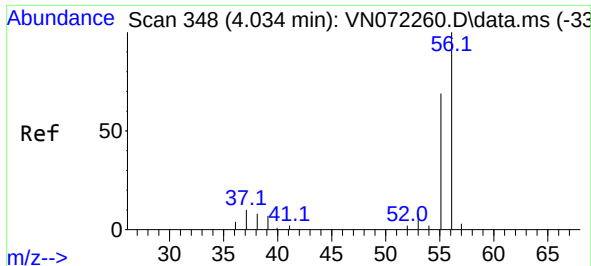


#12
1,1-Dichloroethene
Concen: 17.911 ug/l
RT: 4.187 min Scan# 374
Delta R.T. 0.006 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49



Tgt Ion: 96 Resp: 33181
Ion Ratio Lower Upper
96 100
61 149.0 127.6 191.4
98 69.2 51.2 76.8





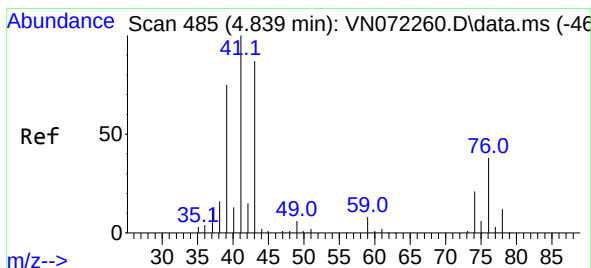
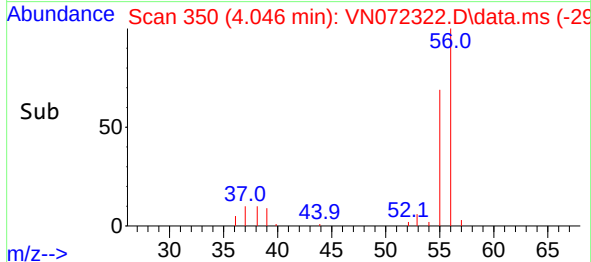
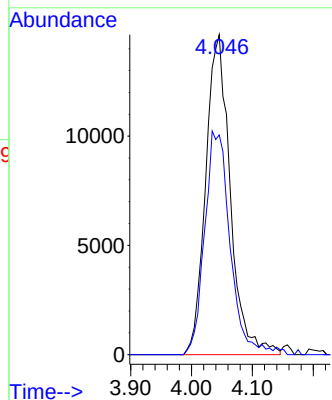
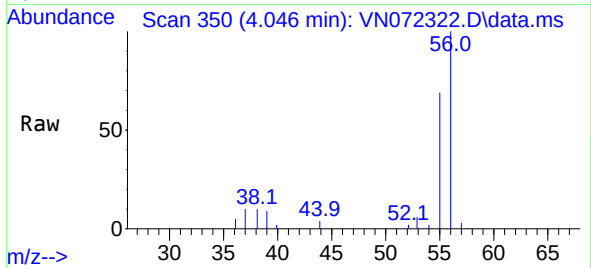
#13
Acrolein
Concen: 83.452 ug/l
RT: 4.046 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN0504WBSD01

Tgt Ion: 56 Resp: 4109
Ion Ratio Lower Upper
56 100
55 72.0 54.8 82.2

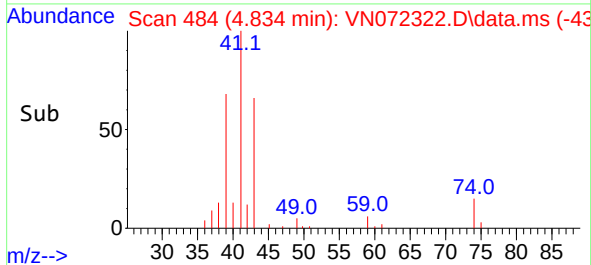
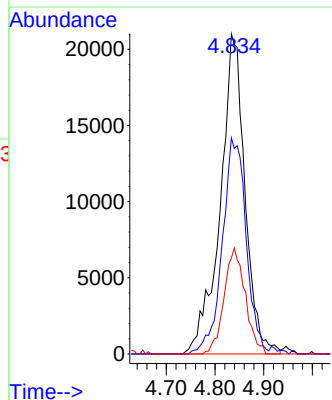
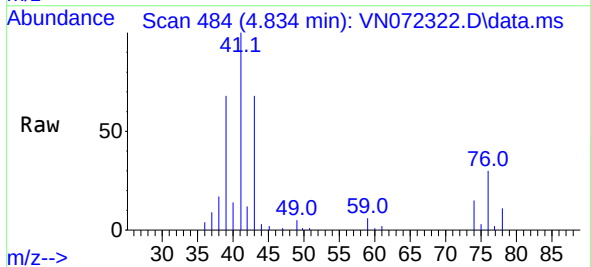
Manual Integrations
APPROVED

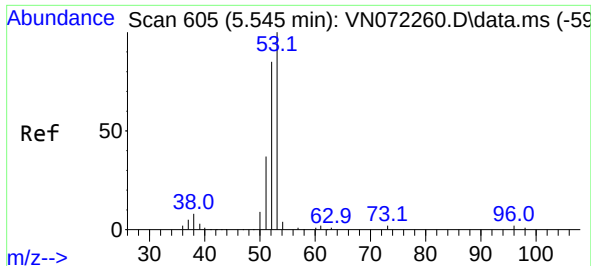
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022



#14
Allyl chloride
Concen: 19.331 ug/l
RT: 4.834 min Scan# 484
Delta R.T. -0.006 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49

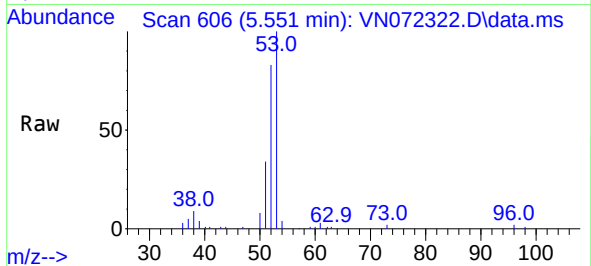
Tgt Ion: 41 Resp: 74355
Ion Ratio Lower Upper
41 100
39 64.7 53.2 79.8
76 28.2 29.9 44.9#





#15
Acrylonitrile
Concen: 103.036 ug/l
RT: 5.551 min Scan# 605
Delta R.T. 0.005 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49

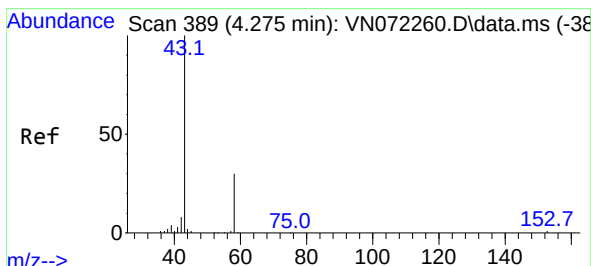
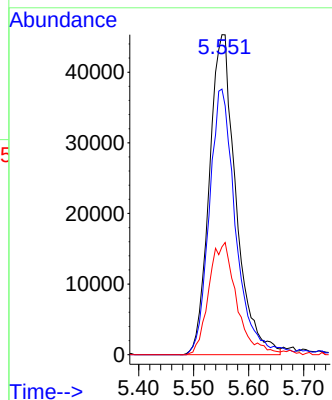
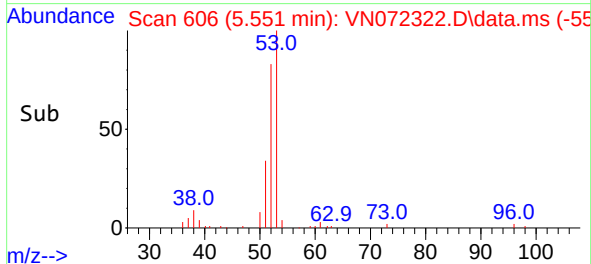
Instrument :
MSVOA_N
ClientSampleId :
VN0504WBSD01



Tgt Ion: 53 Resp: 15215
Ion Ratio Lower Upper
53 100
52 82.5 66.4 99.6
51 36.8 28.5 42.7

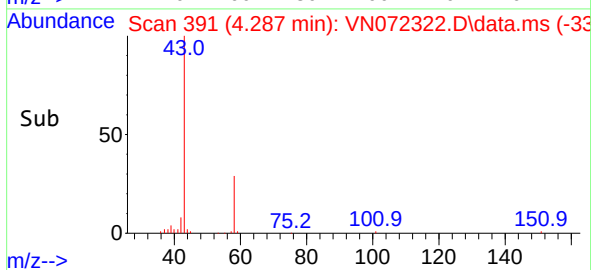
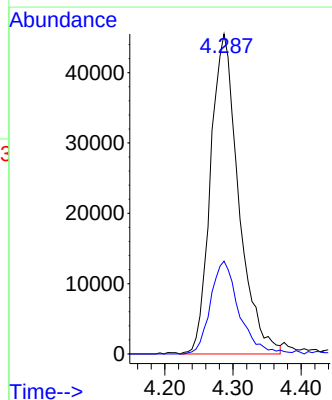
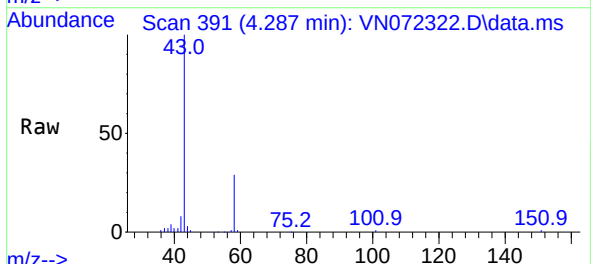
Manual Integrations
APPROVED

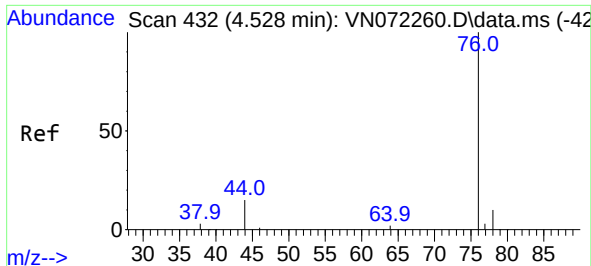
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022



#16
Acetone
Concen: 101.582 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49

Tgt Ion: 43 Resp: 130415
Ion Ratio Lower Upper
43 100
58 29.0 26.0 39.0





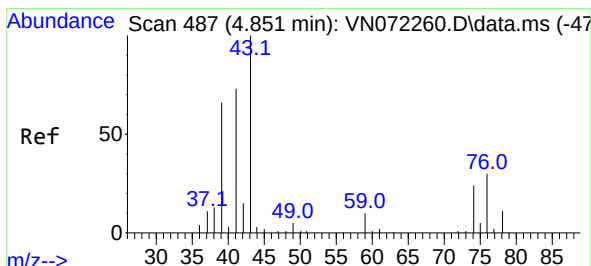
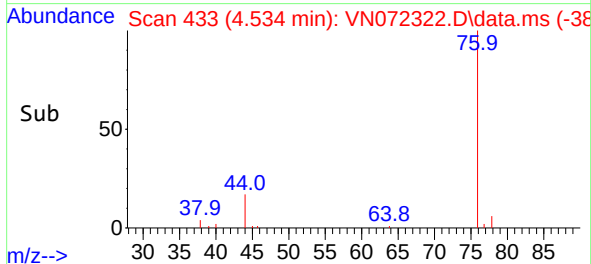
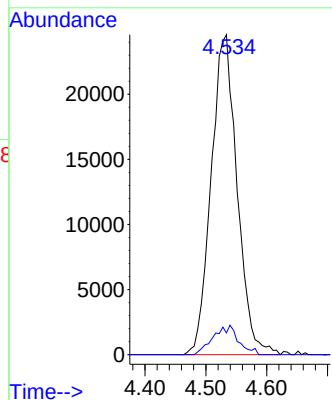
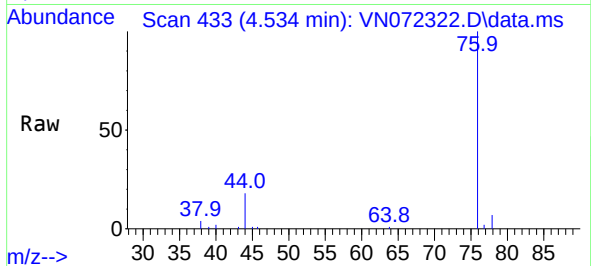
#17
Carbon Disulfide
Concen: 16.955 ug/l
RT: 4.534 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN0504WBSD01

Tgt Ion: 76 Resp: 7284
Ion Ratio Lower Upper
76 100
78 6.8 7.2 10.8

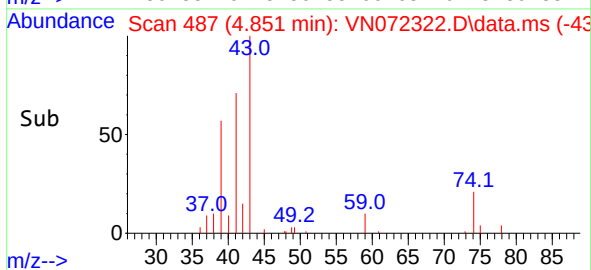
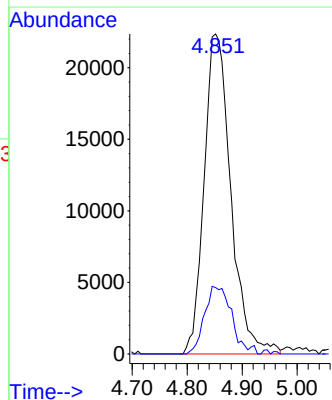
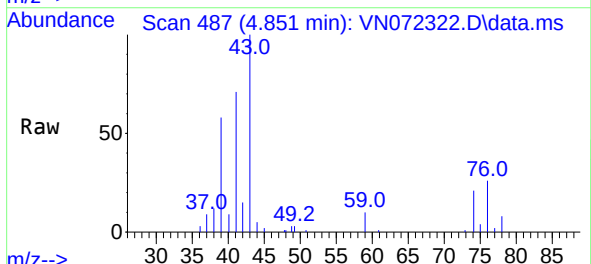
Manual Integrations
APPROVED

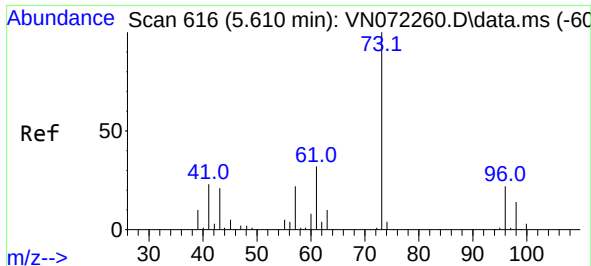
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022



#18
Methyl Acetate
Concen: 21.017 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.000 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49

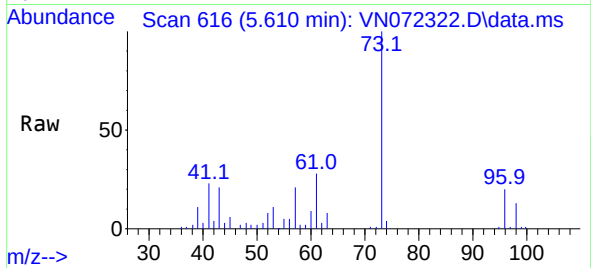
Tgt Ion: 43 Resp: 75515
Ion Ratio Lower Upper
43 100
74 21.4 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 21.052 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49

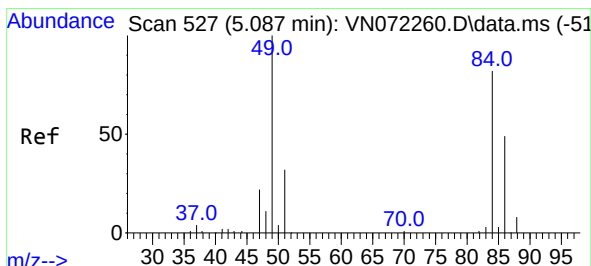
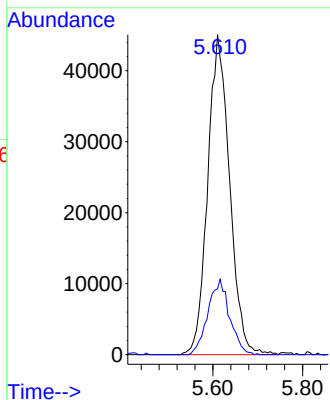
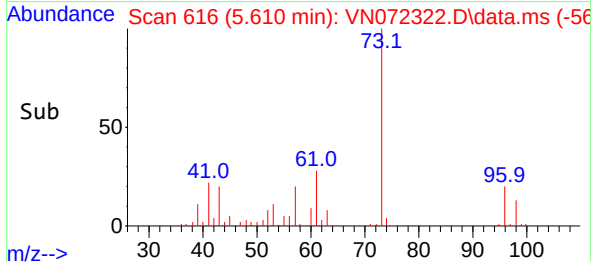
Instrument :
MSVOA_N
ClientSampleId :
VN0504WBSD01



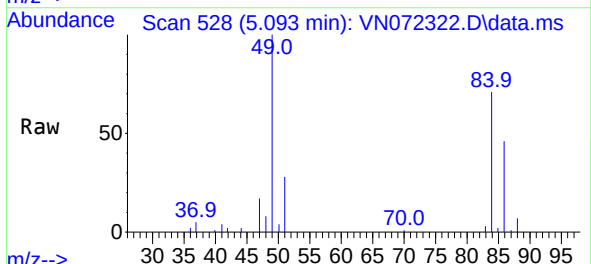
Tgt Ion: 73 Resp: 15287
Ion Ratio Lower Upper
73 100
57 20.6 17.6 26.4

Manual Integrations
APPROVED

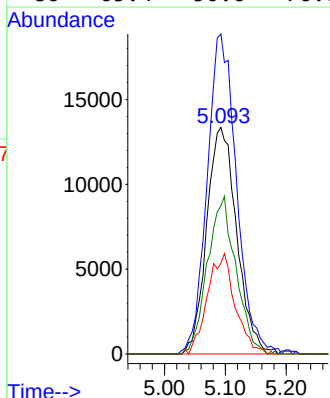
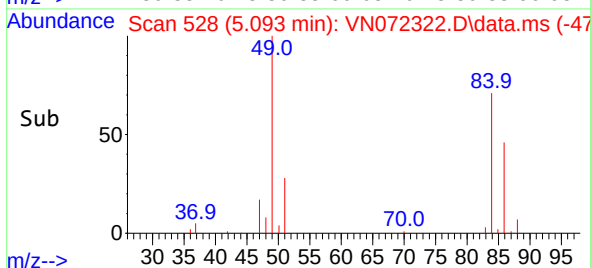
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022

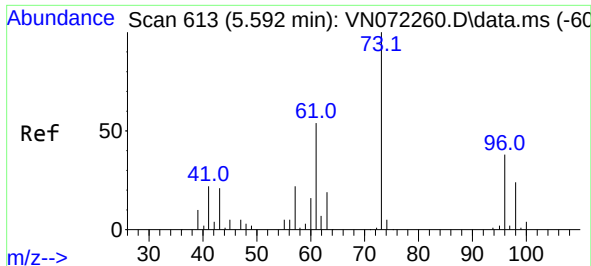


#20
Methylene Chloride
Concen: 18.605 ug/l
RT: 5.093 min Scan# 528
Delta R.T. 0.006 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49



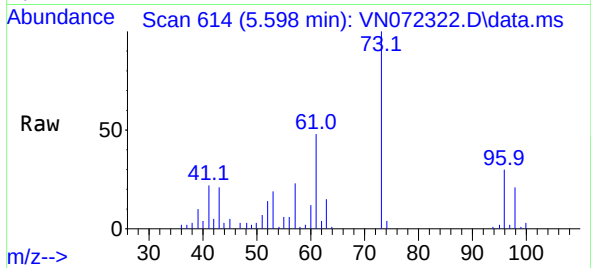
Tgt Ion: 84 Resp: 45786
Ion Ratio Lower Upper
84 100
49 141.2 88.3 132.5#
51 40.0 28.2 42.2
86 65.4 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 17.559 ug/l
RT: 5.598 min Scan# 613
Delta R.T. 0.000 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49

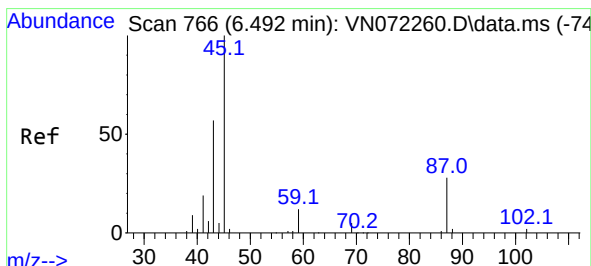
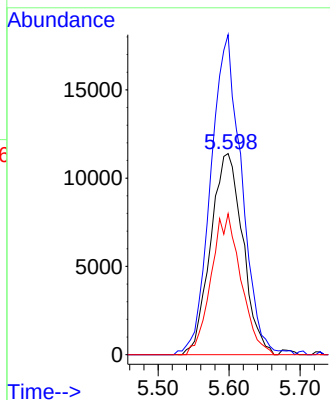
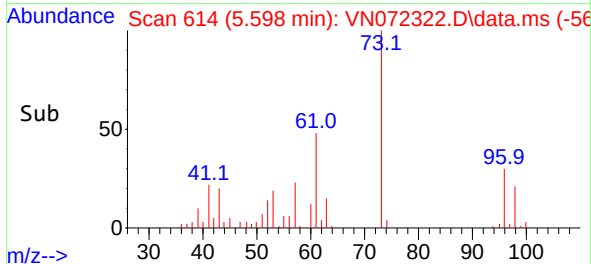
Instrument :
MSVOA_N
ClientSampleId :
VN0504WBSD01



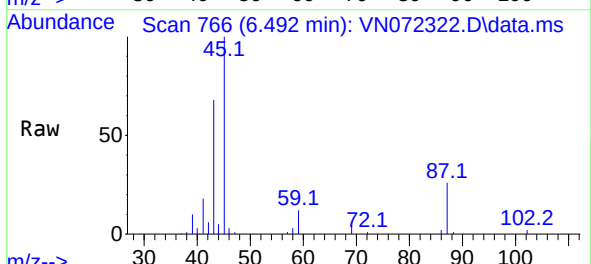
Tgt Ion: 96 Resp: 3586
Ion Ratio Lower Upper
96 100
61 157.2 105.8 158.8
98 70.1 50.3 75.5

Manual Integrations
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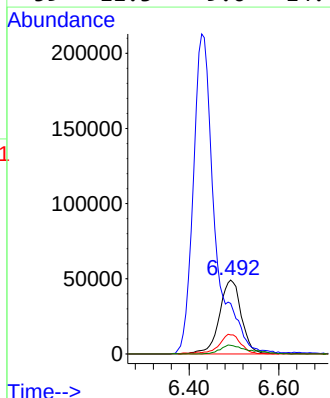
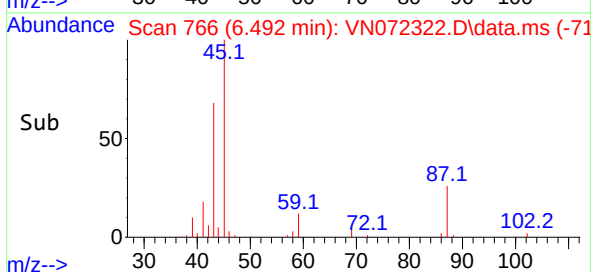
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022

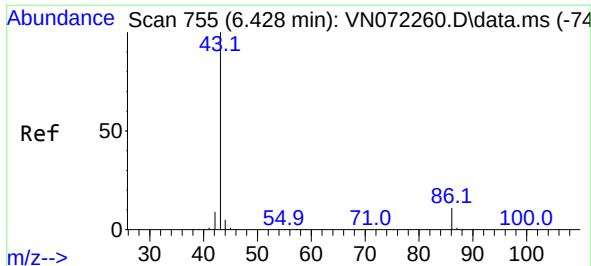


#22
Diisopropyl ether
Concen: 21.122 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.005 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49



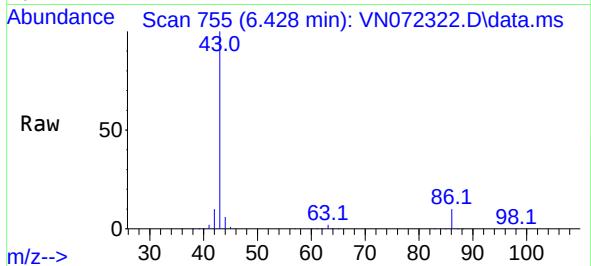
Tgt Ion: 45 Resp: 167340
Ion Ratio Lower Upper
45 100
43 65.5 46.6 70.0
87 25.7 24.3 36.5
59 11.3 9.6 14.4





#23
 Vinyl Acetate
 Concen: 107.154 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. -0.000 min
 Lab File: VN072322.D
 Acq: 04 May 2022 12:49

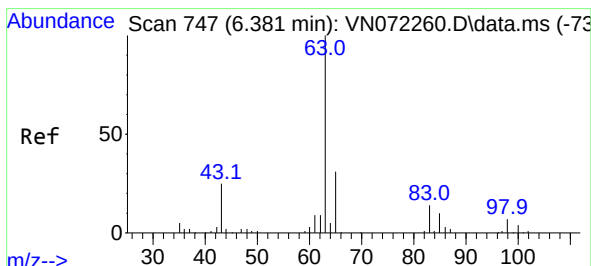
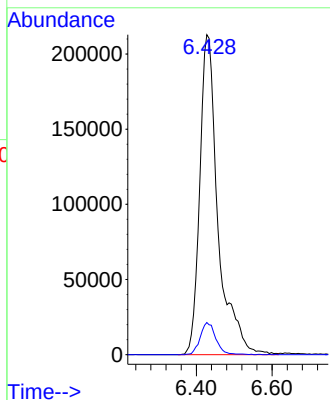
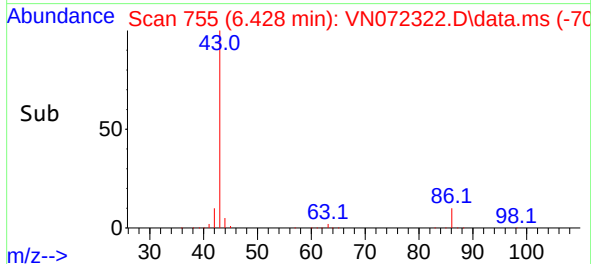
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0504WBSD01



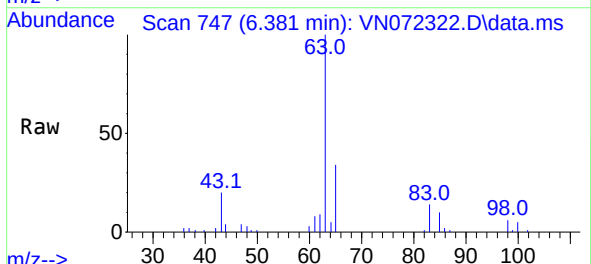
Tgt Ion: 43 Resp: 712992
 Ion Ratio Lower Upper
 43 100
 86 10.0 10.0 15.0

Manual Integrations
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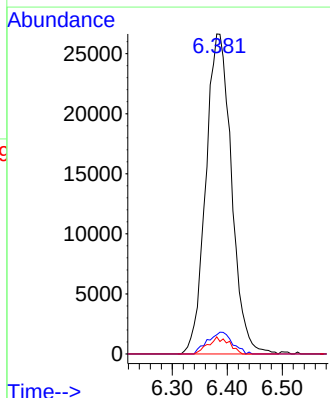
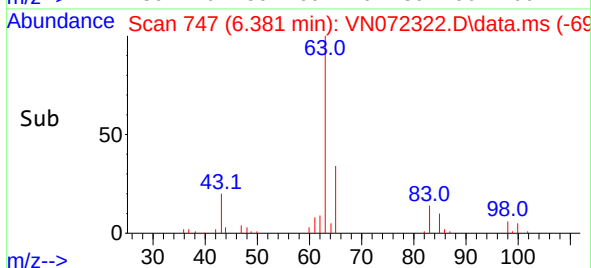
Reviewed By :John Carlone 05/05/2022
 Supervised By :Mahesh Dadoda 05/05/2022

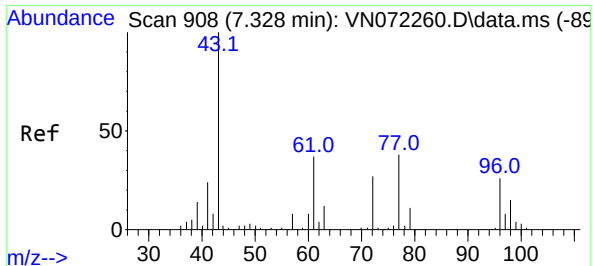


#24
 1,1-Dichloroethane
 Concen: 19.463 ug/l
 RT: 6.381 min Scan# 747
 Delta R.T. -0.006 min
 Lab File: VN072322.D
 Acq: 04 May 2022 12:49



Tgt Ion: 63 Resp: 86254
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.5 10.4
 100 5.4 2.3 6.8





#25

2-Butanone

Concen: 101.848 ug/l

RT: 7.328 min Scan# 908

Delta R.T. -0.000 min

Lab File: VN072322.D

Acq: 04 May 2022 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN0504WBSD01

Tgt Ion: 43 Resp: 208239

Ion Ratio Lower Upper

43 100

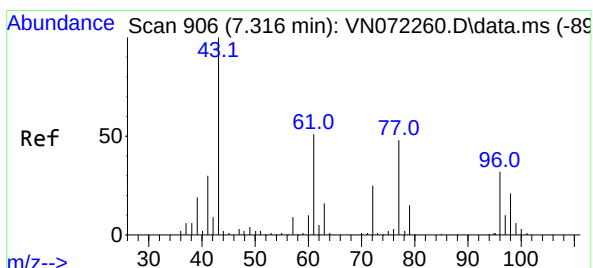
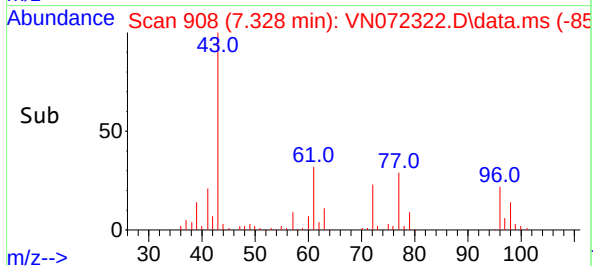
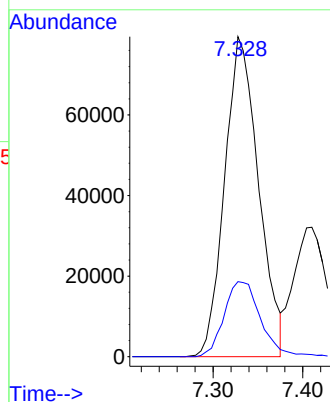
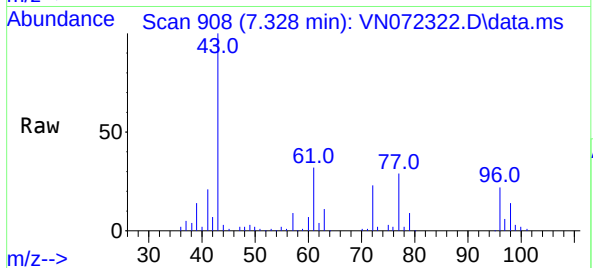
72 23.5 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2022

Supervised By :Mahesh Dadoda 05/05/2022



#26

2,2-Dichloropropane

Concen: 20.051 ug/l

RT: 7.328 min Scan# 908

Delta R.T. 0.006 min

Lab File: VN072322.D

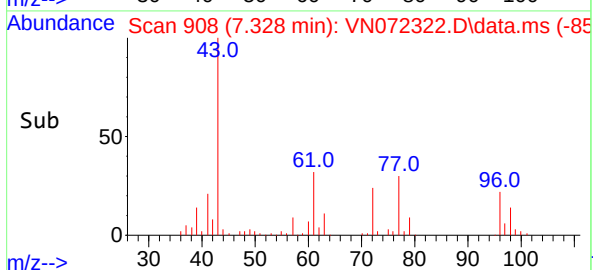
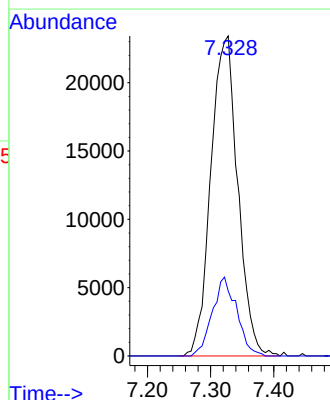
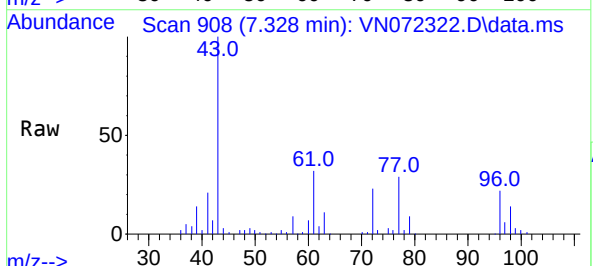
Acq: 04 May 2022 12:49

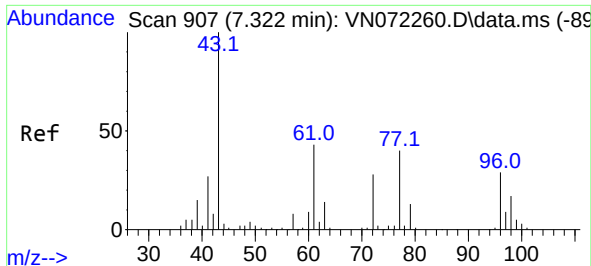
Tgt Ion: 77 Resp: 69412

Ion Ratio Lower Upper

77 100

97 22.3 11.4 34.2





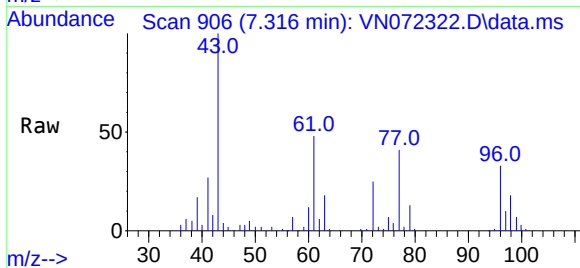
#27
cis-1,2-Dichloroethene
Concen: 19.563 ug/l
RT: 7.316 min Scan# 907
Delta R.T. -0.006 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN0504WBSD01

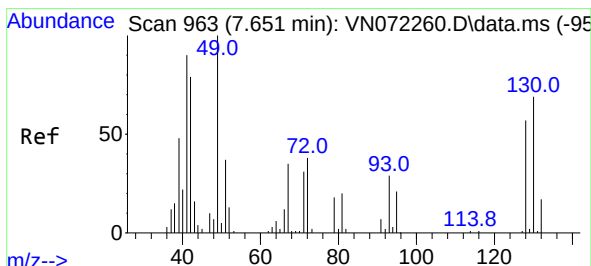
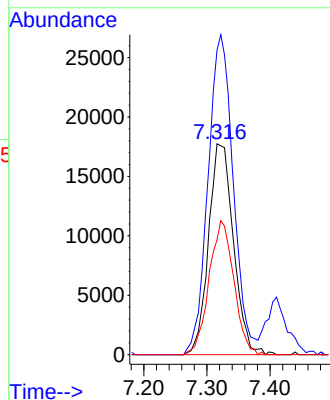
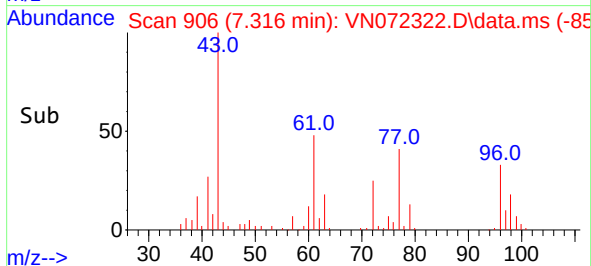


Tgt Ion: 96 Resp: 48719
Ion Ratio Lower Upper
96 100
61 153.6 0.0 280.6
98 63.0 0.0 128.4

Manual Integrations

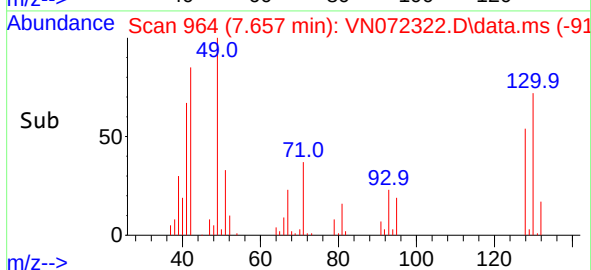
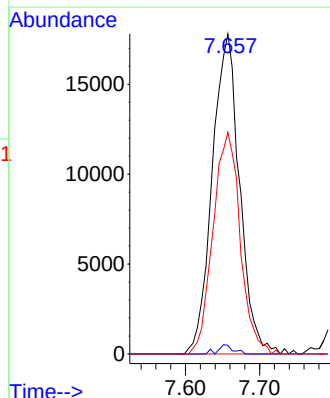
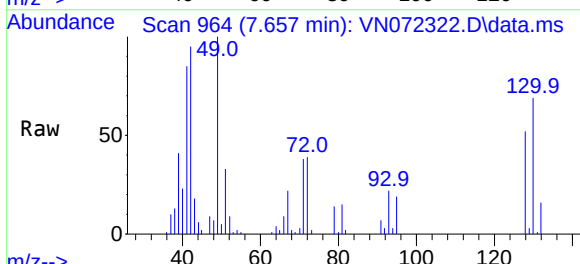
APPROVED

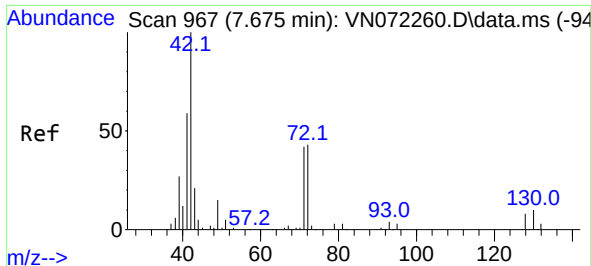
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022



#28
Bromochloromethane
Concen: 22.996 ug/l
RT: 7.657 min Scan# 964
Delta R.T. 0.000 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49

Tgt Ion: 49 Resp: 45632
Ion Ratio Lower Upper
49 100
129 1.6 0.0 4.6
130 68.7 69.7 104.5#





#29

Tetrahydrofuran

Concen: 105.928 ug/l

RT: 7.681 min Scan# 90

Delta R.T. -0.000 min

Lab File: VN072322.D

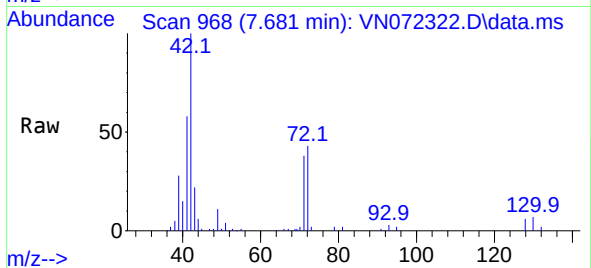
Acq: 04 May 2022 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN0504WBSD01



Tgt Ion: 42 Resp: 14213

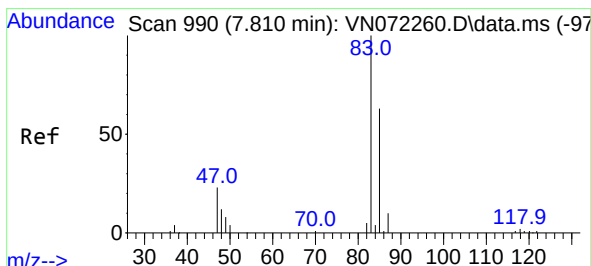
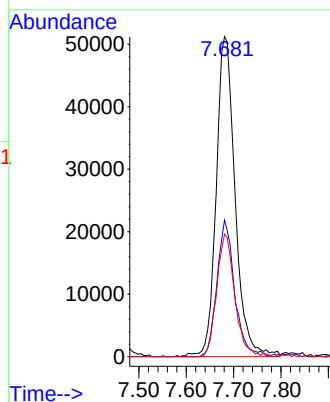
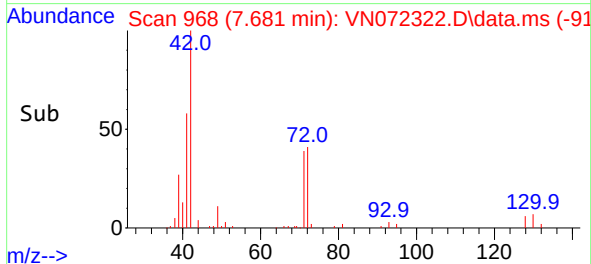
Ion	Ratio	Lower	Upper
42	100		
72	39.8	39.7	59.5
71	36.2	36.6	55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2022

Supervised By :Mahesh Dadoda 05/05/2022



#30

Chloroform

Concen: 20.637 ug/l

RT: 7.810 min Scan# 990

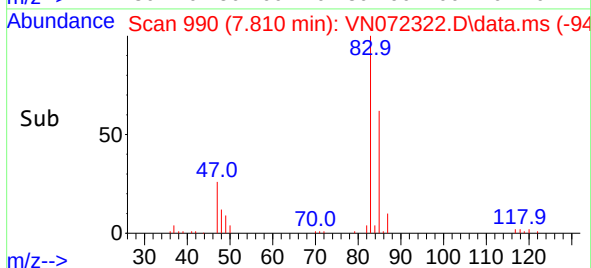
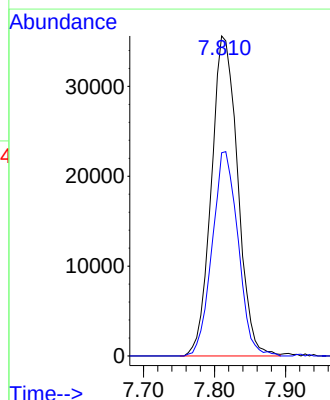
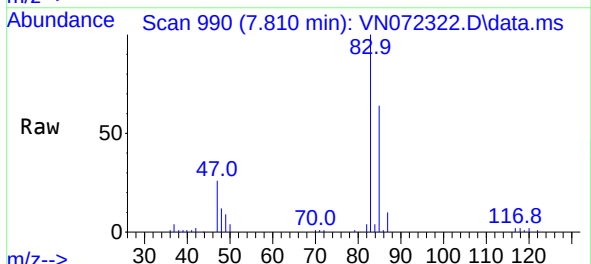
Delta R.T. -0.006 min

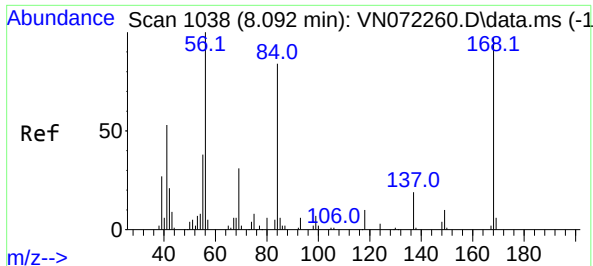
Lab File: VN072322.D

Acq: 04 May 2022 12:49

Tgt Ion: 83 Resp: 91826

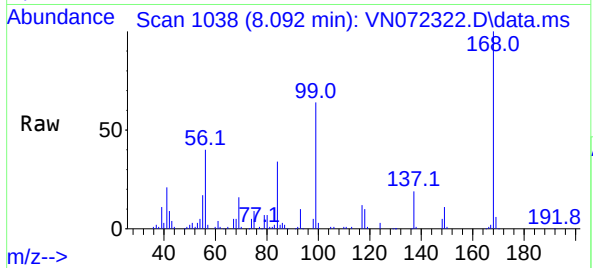
Ion	Ratio	Lower	Upper
83	100		
85	63.5	51.8	77.8





#31
Cyclohexane
Concen: 17.327 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49

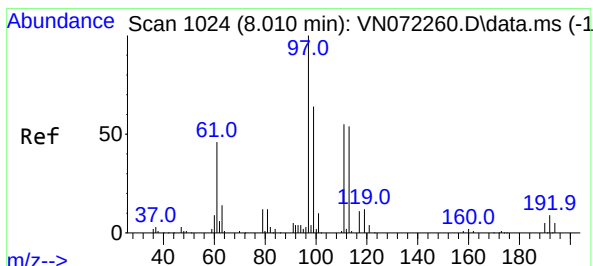
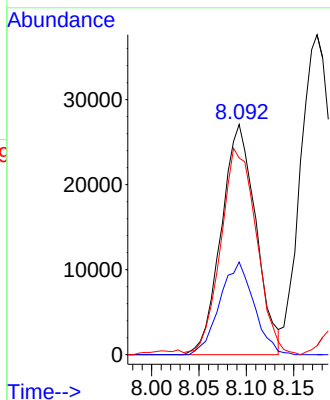
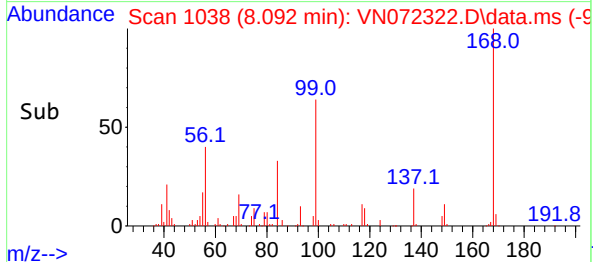
Instrument :
MSVOA_N
ClientSampleId :
VN0504WBSD01



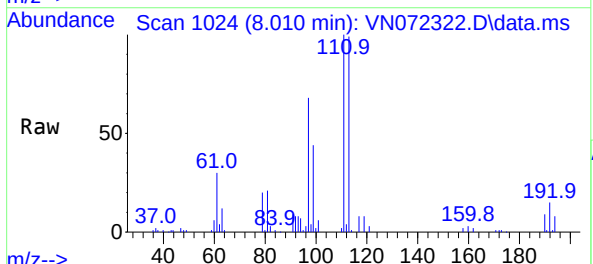
Tgt Ion: 56 Resp: 68938
Ion Ratio Lower Upper
56 100
69 40.2 27.8 41.8
84 83.3 76.9 115.3

Manual Integrations
APPROVED

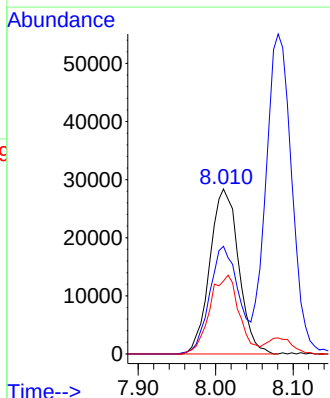
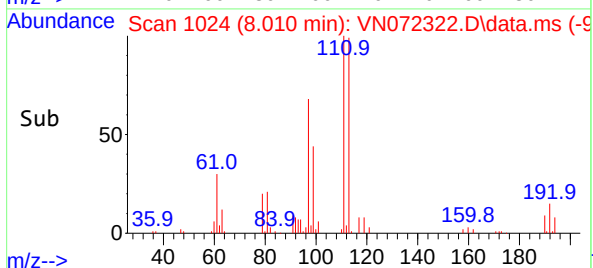
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022

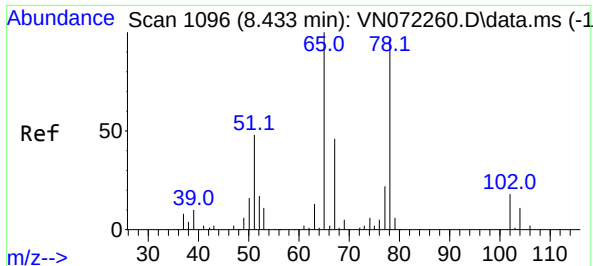


#32
1,1,1-Trichloroethane
Concen: 19.362 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49



Tgt Ion: 97 Resp: 73314
Ion Ratio Lower Upper
97 100
99 66.2 50.6 76.0
61 48.9 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 54.159 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN072322.D

Acq: 04 May 2022 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN0504WBSD01

Tgt Ion: 65 Resp: 161272

Ion Ratio Lower Upper

65 100

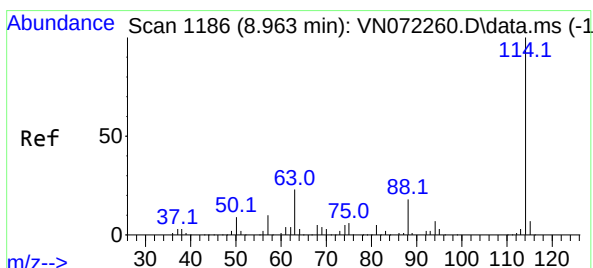
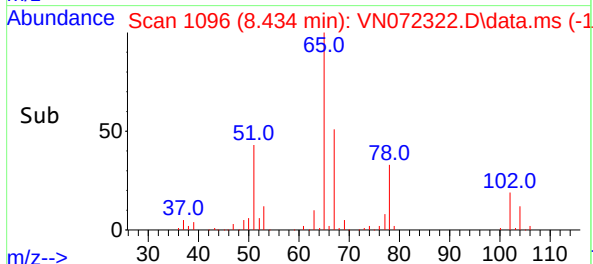
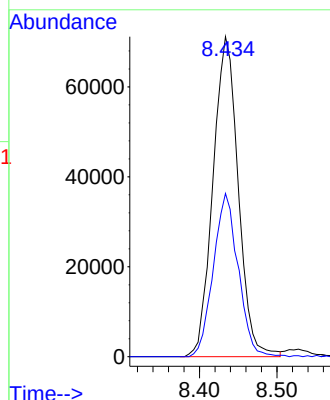
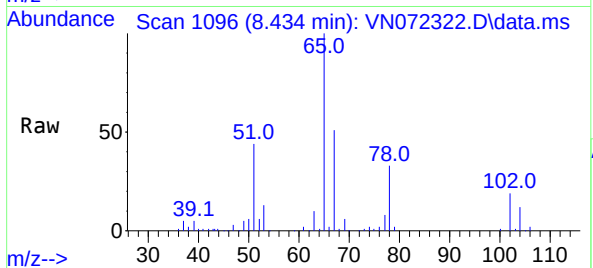
67 50.2 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2022

Supervised By :Mahesh Dadoda 05/05/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072322.D

Acq: 04 May 2022 12:49

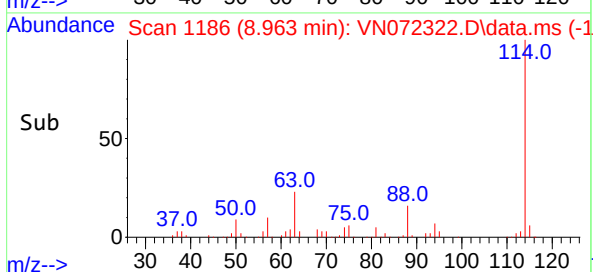
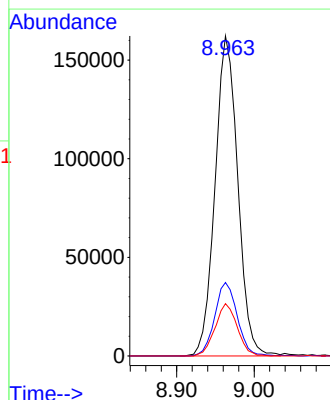
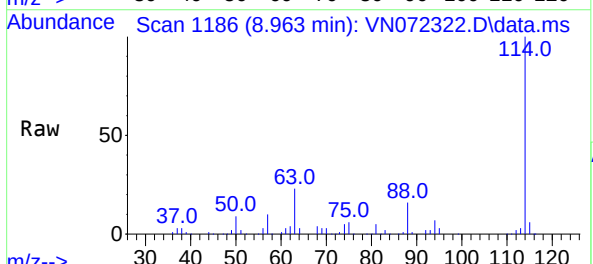
Tgt Ion:114 Resp: 330391

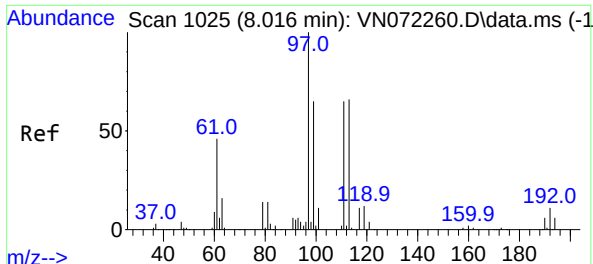
Ion Ratio Lower Upper

114 100

63 23.0 0.0 40.0

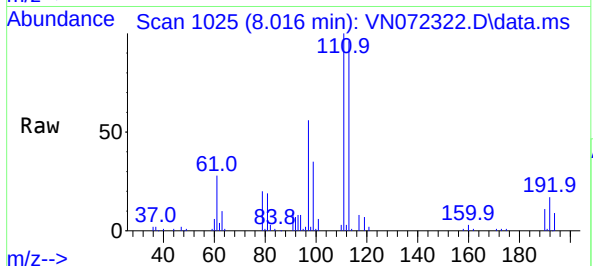
88 16.3 0.0 32.6





#35
Dibromofluoromethane
Concen: 54.216 ug/l
RT: 8.016 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49

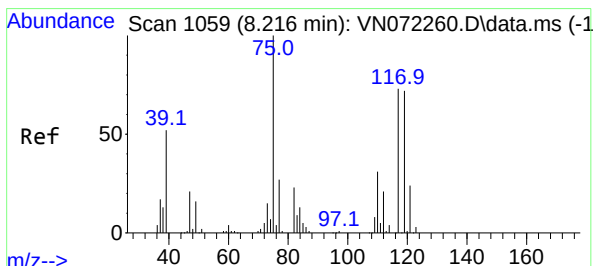
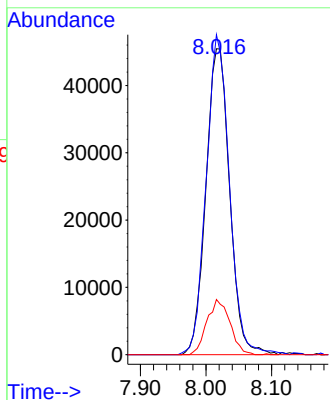
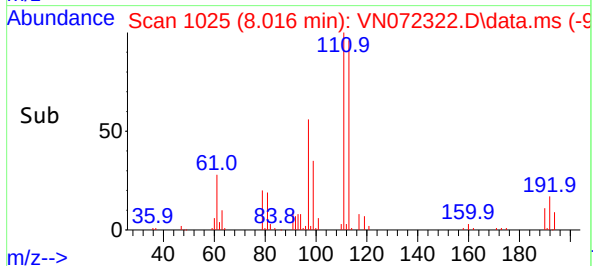
Instrument :
MSVOA_N
ClientSampleId :
VN0504WBSD01



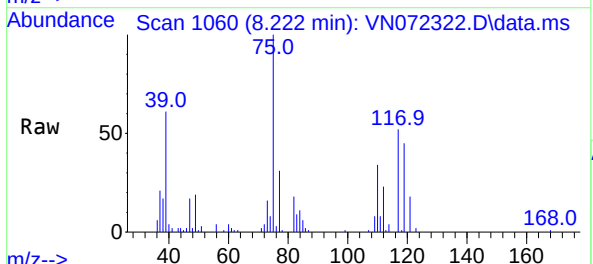
Tgt Ion:113 Resp: 114649
Ion Ratio Lower Upper
113 100
111 102.1 81.4 122.0
192 17.5 17.0 25.6

Manual Integrations
APPROVED

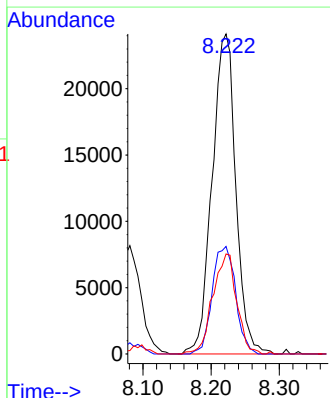
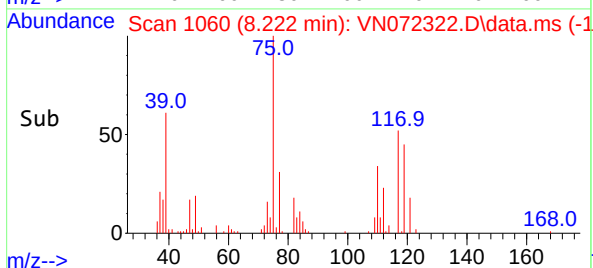
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022

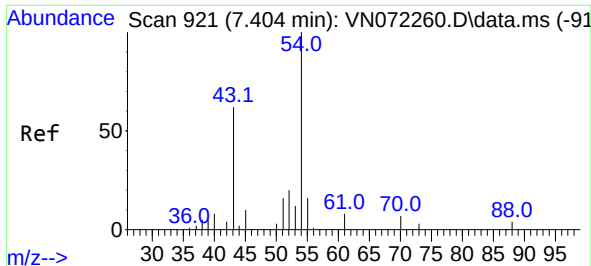


#36
1,1-Dichloropropene
Concen: 18.967 ug/l
RT: 8.222 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49



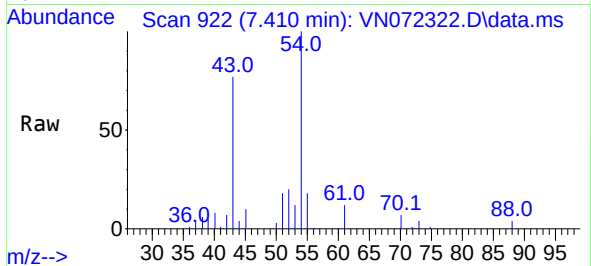
Tgt Ion: 75 Resp: 58381
Ion Ratio Lower Upper
75 100
110 33.2 18.3 54.8
77 31.5 25.1 37.7





#37
Ethyl Acetate
Concen: 21.104 ug/l
RT: 7.410 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49

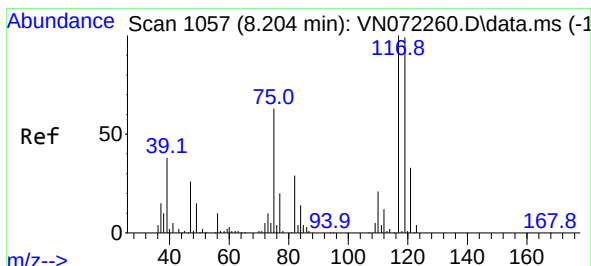
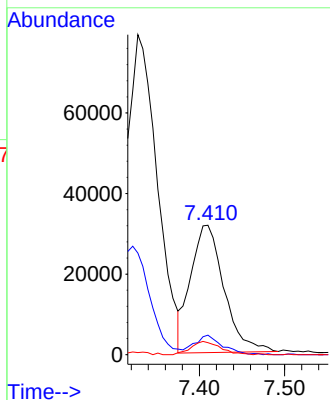
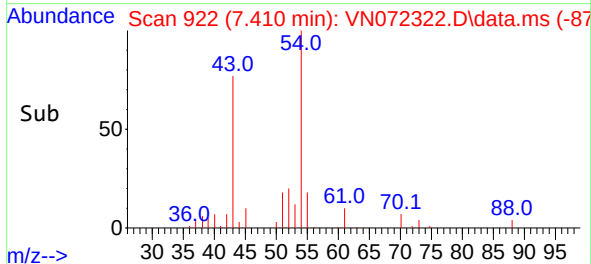
Instrument :
MSVOA_N
ClientSampleId :
VN0504WBSD01



Tgt Ion: 43 Resp: 8626
Ion Ratio Lower Upper
43 100
61 12.8 11.8 17.6
70 9.0 9.3 13.9

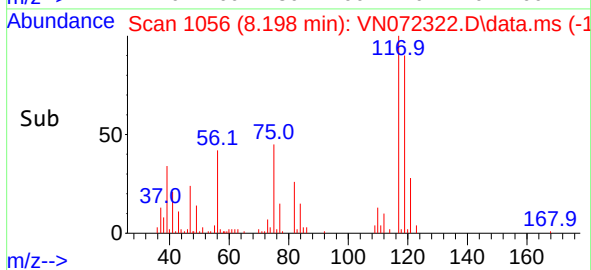
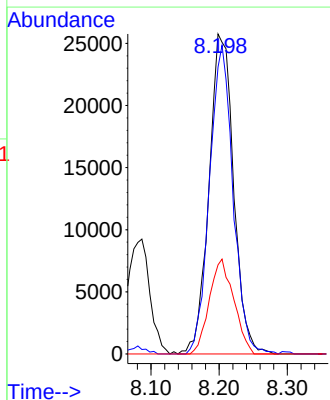
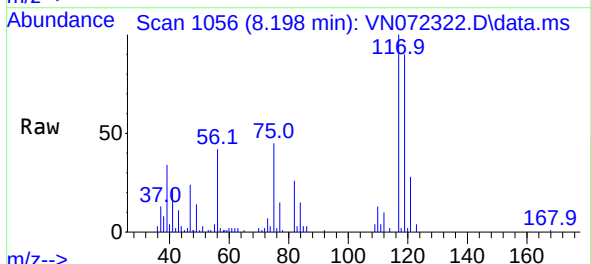
Manual Integrations
APPROVED

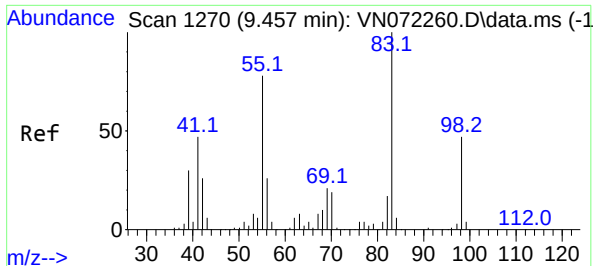
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022



#38
Carbon Tetrachloride
Concen: 19.621 ug/l
RT: 8.198 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49

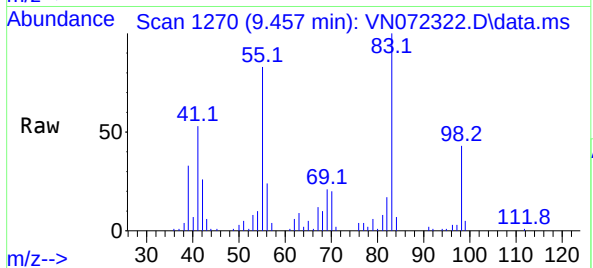
Tgt Ion:117 Resp: 64686
Ion Ratio Lower Upper
117 100
119 89.6 75.8 113.8
121 27.8 24.6 37.0





#39
Methylcyclohexane
Concen: 18.518 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49

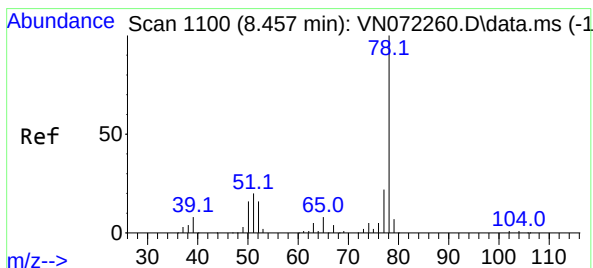
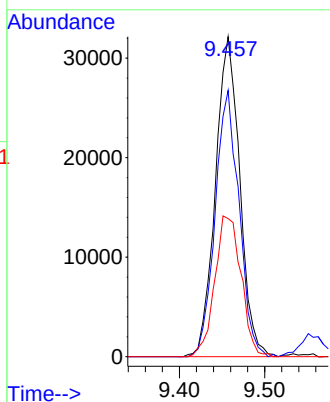
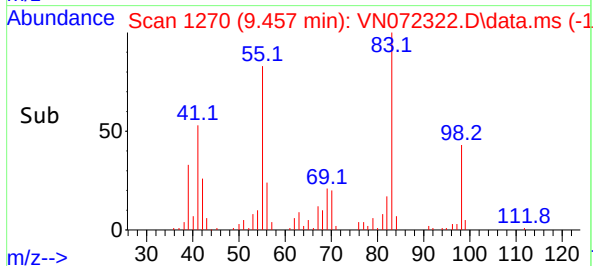
Instrument :
MSVOA_N
ClientSampleId :
VN0504WBSD01



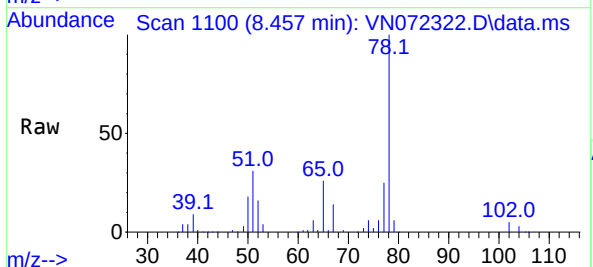
Tgt Ion: 83 Resp: 63752
Ion Ratio Lower Upper
83 100
55 83.2 57.8 86.8
98 43.2 39.4 59.2

Manual Integrations
APPROVED

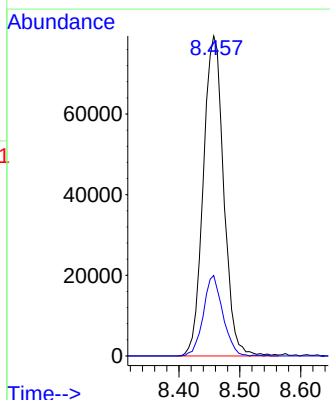
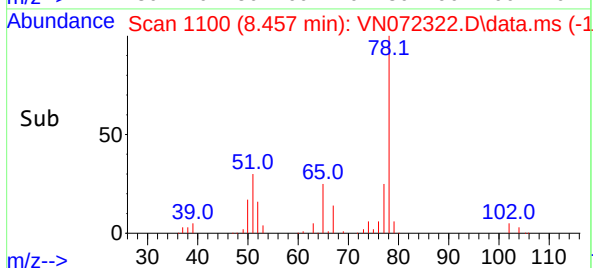
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022

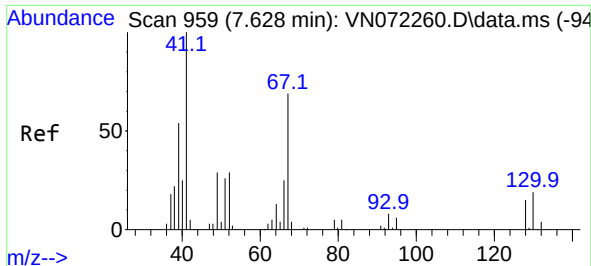


#40
Benzene
Concen: 19.359 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49



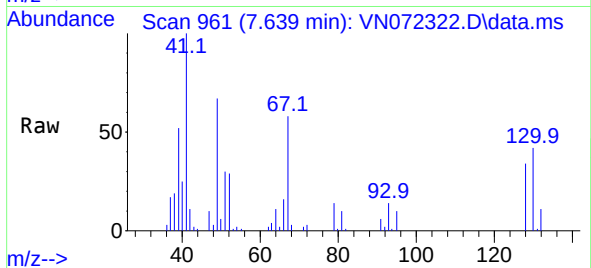
Tgt Ion: 78 Resp: 184832
Ion Ratio Lower Upper
78 100
77 25.2 19.4 29.0





#41
Methacrylonitrile
Concen: 21.711 ug/l
RT: 7.639 min Scan# 90
Delta R.T. 0.005 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49

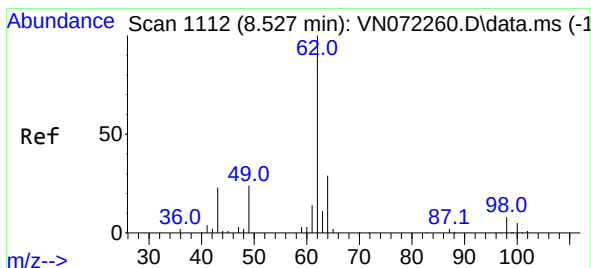
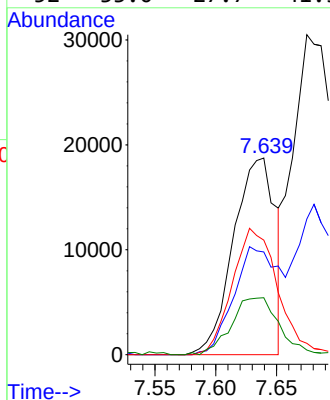
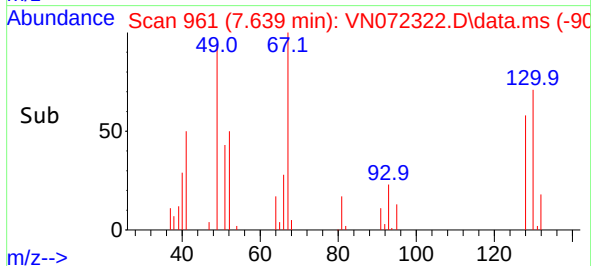
Instrument :
MSVOA_N
ClientSampleId :
VN0504WBSD01



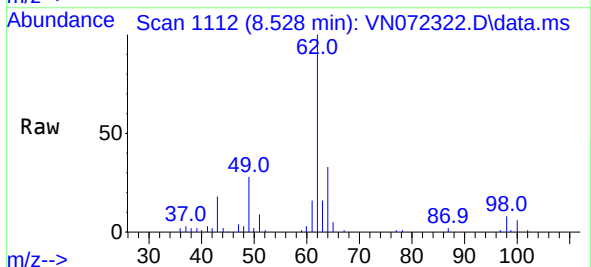
Tgt Ion: 41 Resp: 44890
Ion Ratio Lower Upper
41 100
39 60.3 48.6 73.0
67 70.2 73.4 110.2
52 33.0 27.7 41.5

Manual Integrations
APPROVED

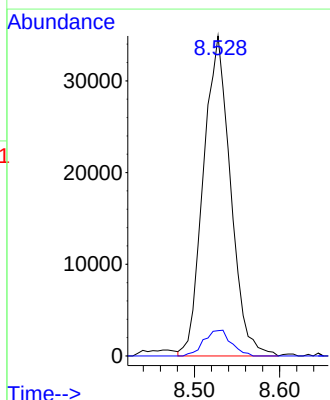
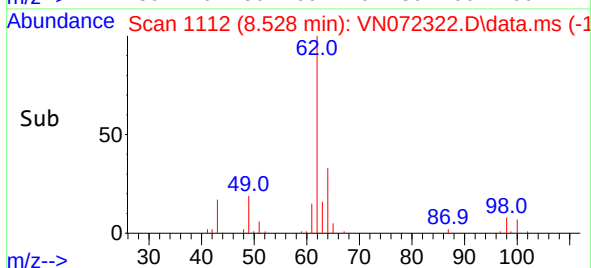
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022

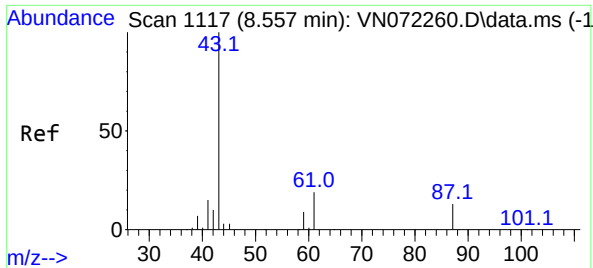


#42
1,2-Dichloroethane
Concen: 21.117 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49



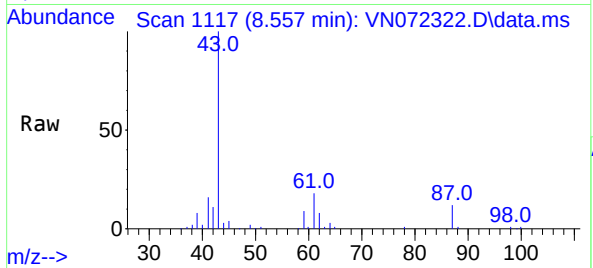
Tgt Ion: 62 Resp: 77189
Ion Ratio Lower Upper
62 100
98 8.1 0.0 19.4





#43
Isopropyl Acetate
Concen: 20.412 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49

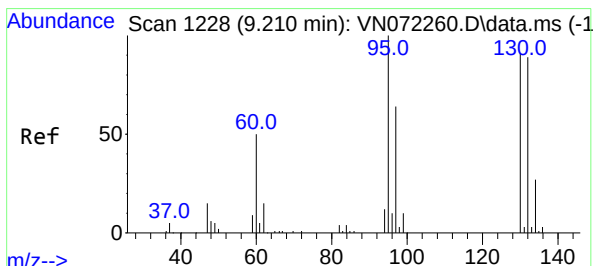
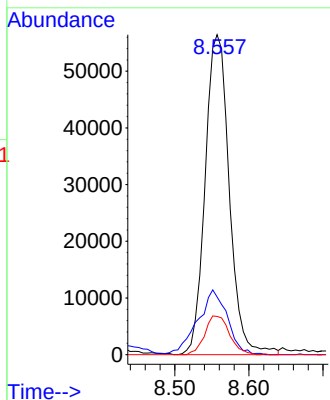
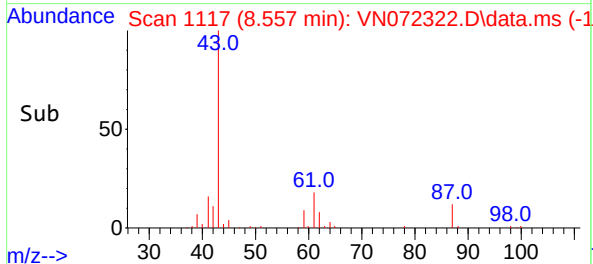
Instrument :
MSVOA_N
ClientSampleId :
VN0504WBSD01



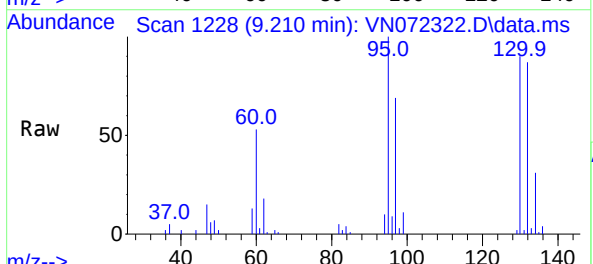
Tgt Ion: 43 Resp: 127919
Ion Ratio Lower Upper
43 100
61 24.9 21.9 32.9
87 12.4 12.0 18.0

Manual Integrations
APPROVED

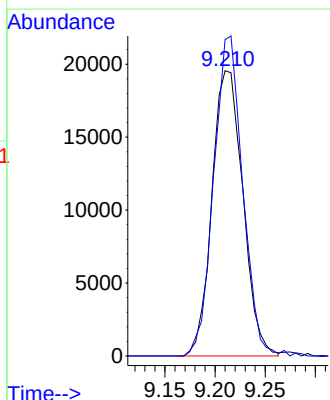
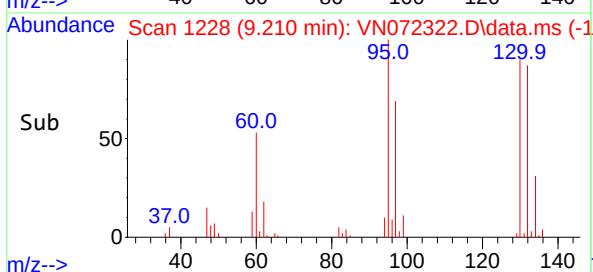
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022

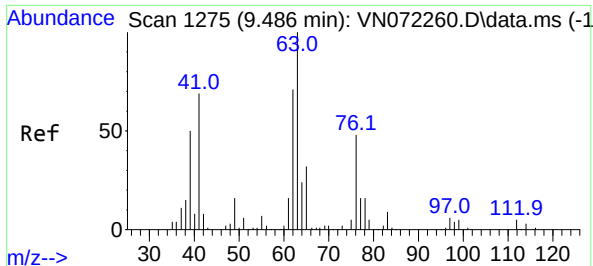


#44
Trichloroethene
Concen: 18.900 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49



Tgt Ion:130 Resp: 41976
Ion Ratio Lower Upper
130 100
95 110.9 0.0 186.8





#45

1,2-Dichloropropane

Concen: 19.929 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN072322.D

Acq: 04 May 2022 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN0504WBSD01

Tgt Ion: 63 Resp: 51410

Ion Ratio Lower Upper

63 100

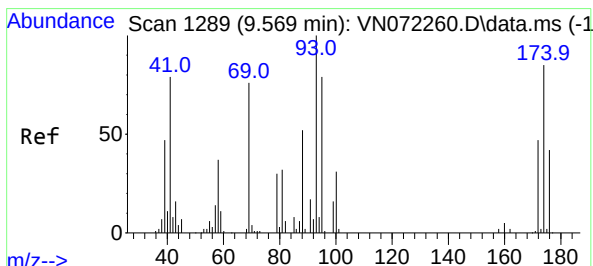
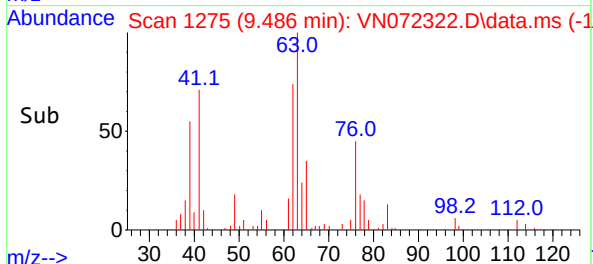
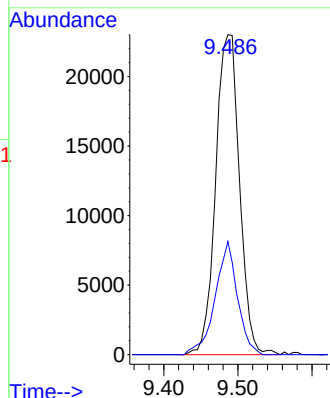
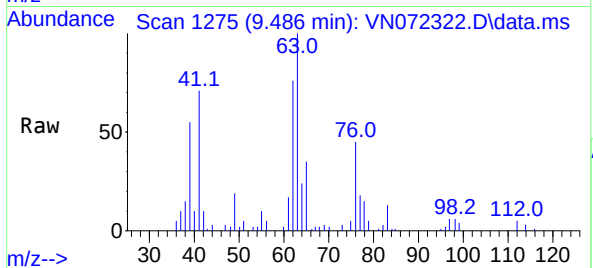
65 35.4 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2022

Supervised By :Mahesh Dadoda 05/05/2022



#46

Dibromomethane

Concen: 20.760 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. -0.000 min

Lab File: VN072322.D

Acq: 04 May 2022 12:49

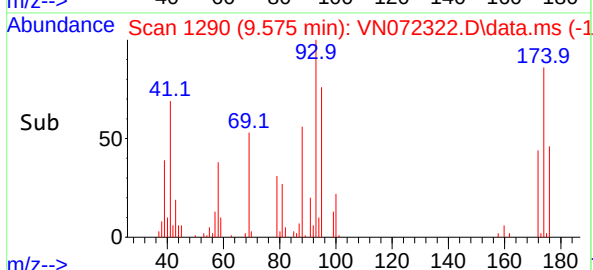
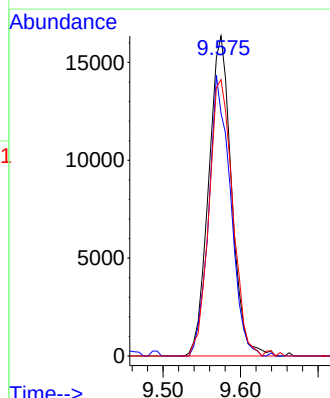
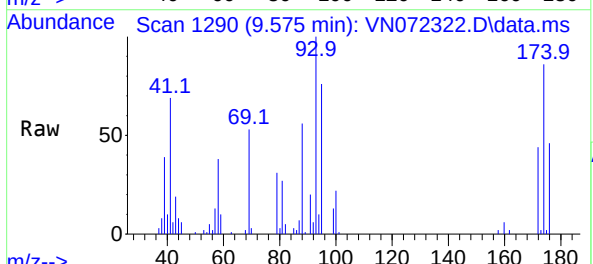
Tgt Ion: 93 Resp: 33552

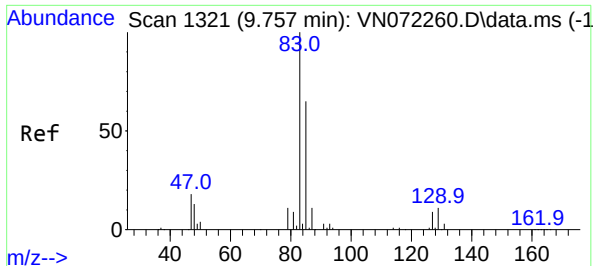
Ion Ratio Lower Upper

93 100

95 83.2 66.9 100.3

174 89.0 86.6 130.0





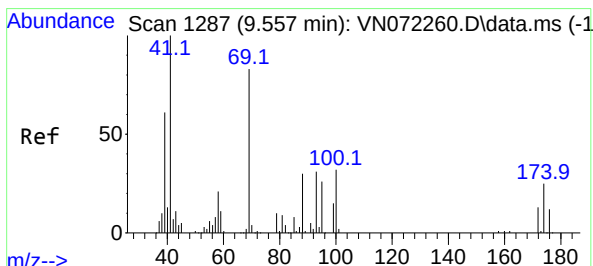
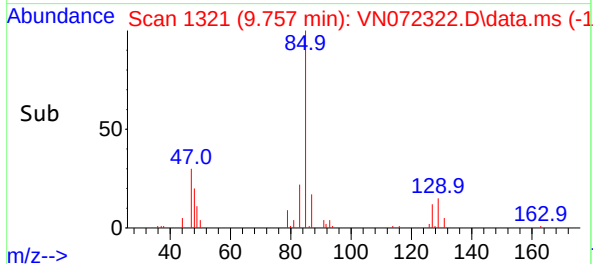
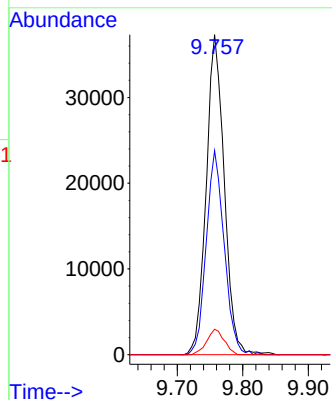
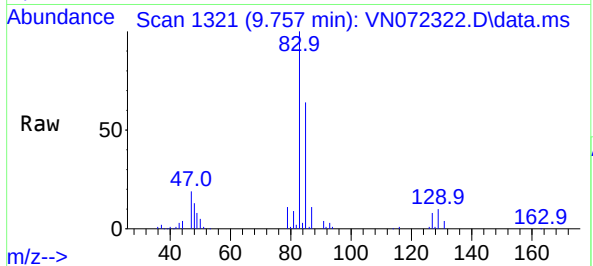
#47
Bromodichloromethane
Concen: 21.076 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN0504WBSD01

Tgt Ion: 83 Resp: 71470
Ion Ratio Lower Upper
83 100
85 63.7 50.5 75.7
127 8.0 6.8 10.2

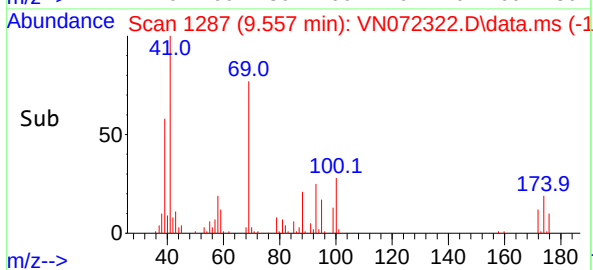
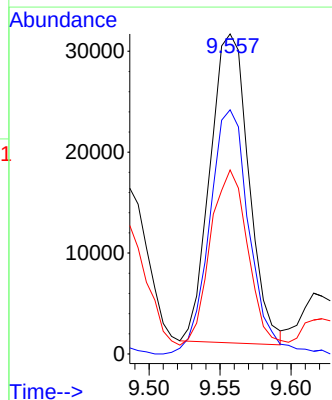
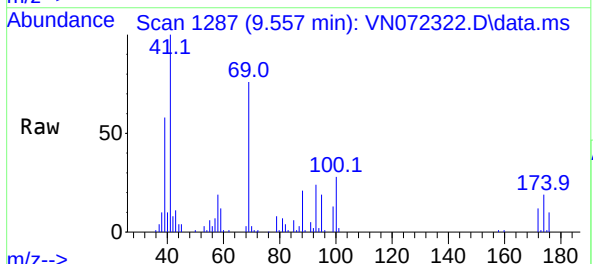
Manual Integrations
APPROVED

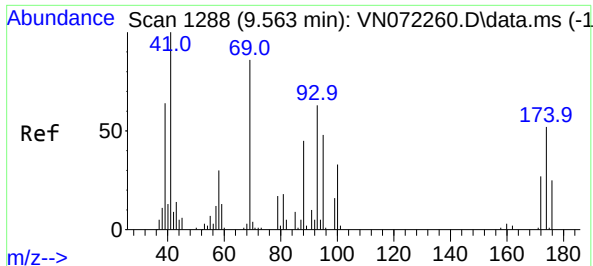
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022



#48
Methyl methacrylate
Concen: 21.458 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.000 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49

Tgt Ion: 41 Resp: 57939
Ion Ratio Lower Upper
41 100
69 81.6 74.7 112.1
39 61.5 45.6 68.4





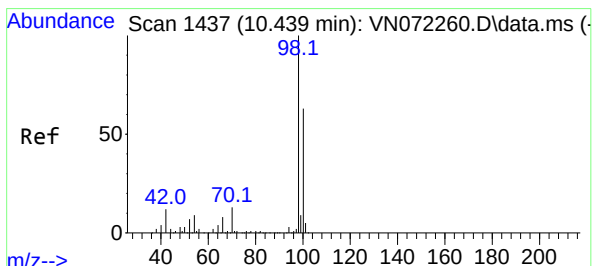
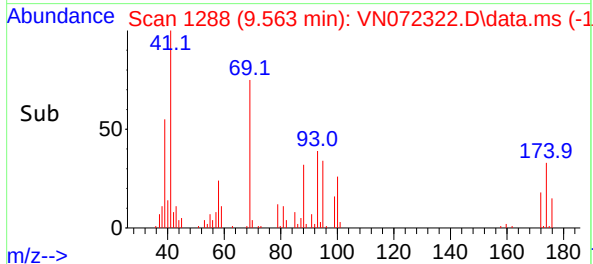
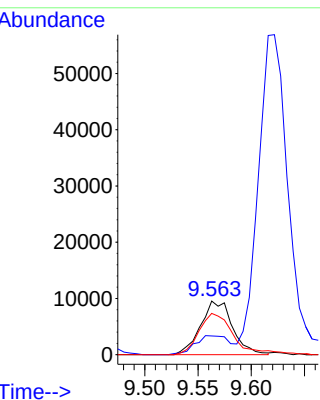
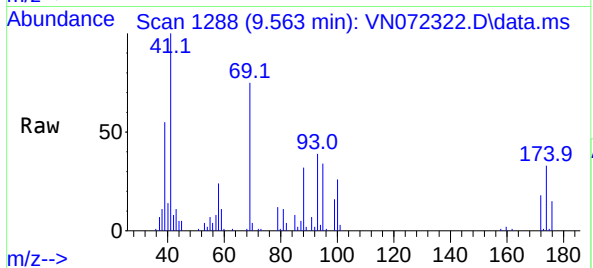
#49
1,4-Dioxane
Concen: 420.309 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN0504WBSD01

Tgt Ion: 88 Resp: 1930
Ion Ratio Lower Upper
88 100
43 39.5 20.2 30.4
58 83.7 54.2 81.4

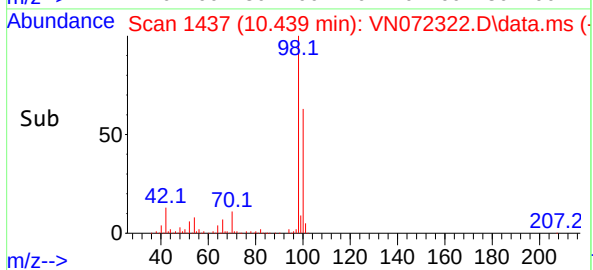
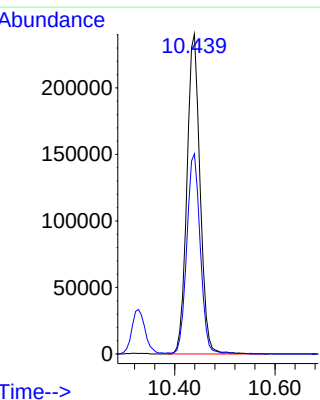
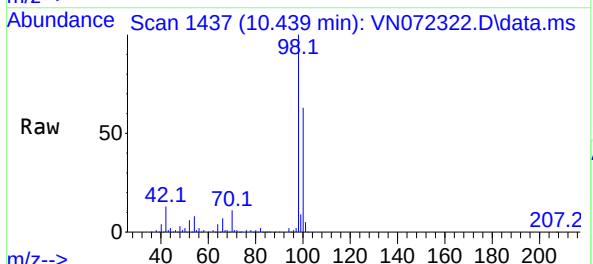
Manual Integrations
APPROVED

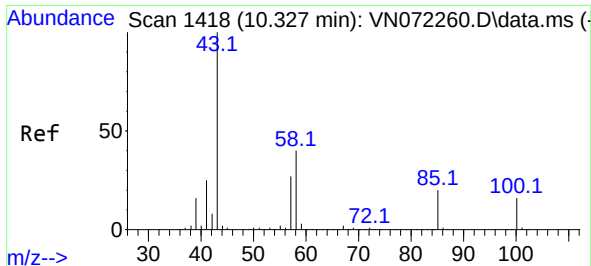
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022



#50
Toluene-d8
Concen: 52.616 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49

Tgt Ion: 98 Resp: 437211
Ion Ratio Lower Upper
98 100
100 64.3 52.6 78.8





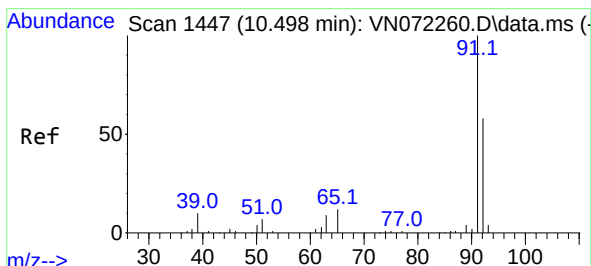
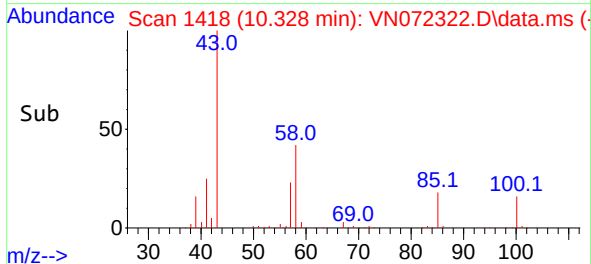
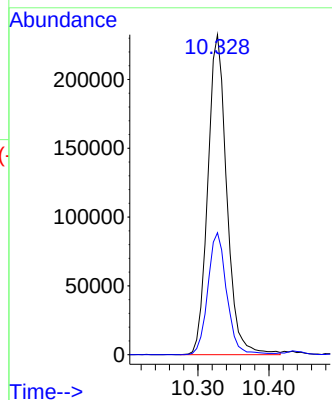
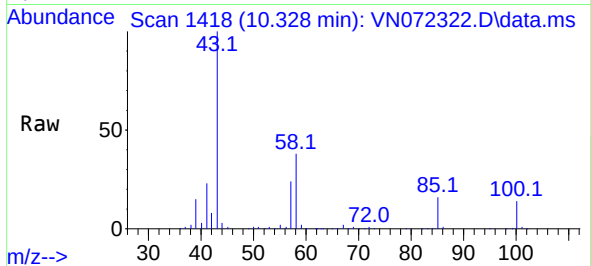
#51
4-Methyl-2-Pentanone
Concen: 111.773 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN0504WBSD01

Tgt Ion: 43 Resp: 431090
Ion Ratio Lower Upper
43 100
58 37.9 34.1 51.1

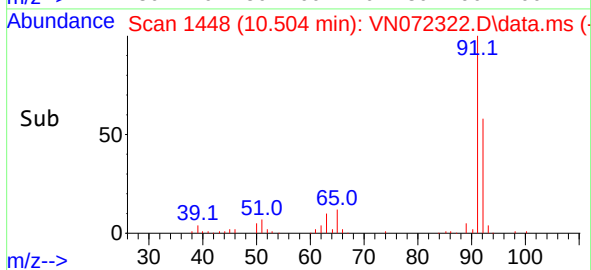
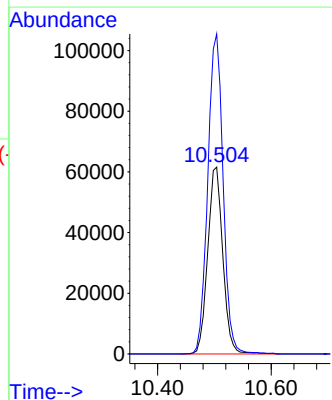
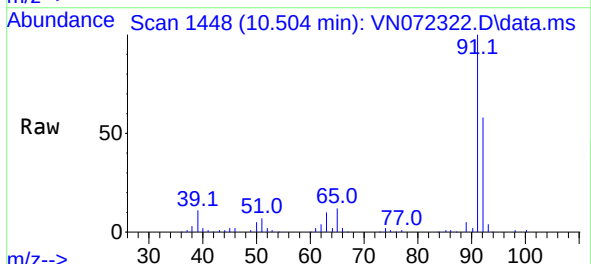
Manual Integrations
APPROVED

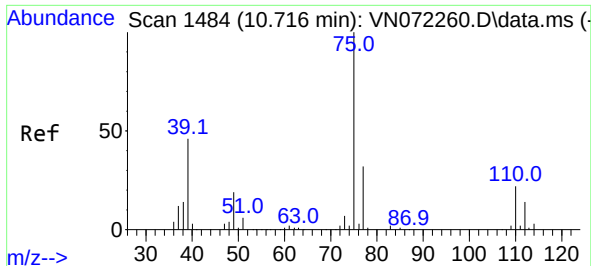
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022



#52
Toluene
Concen: 19.845 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49

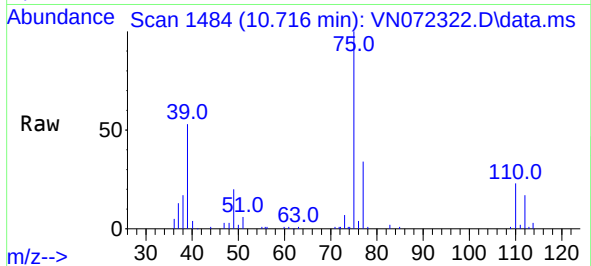
Tgt Ion: 92 Resp: 113267
Ion Ratio Lower Upper
92 100
91 174.0 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 20.191 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49

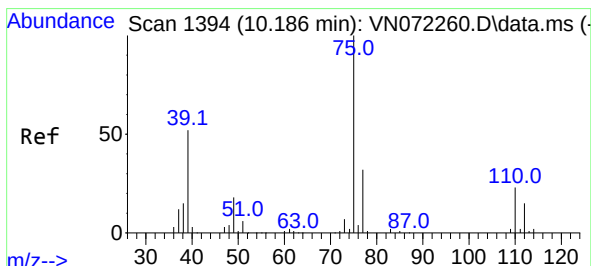
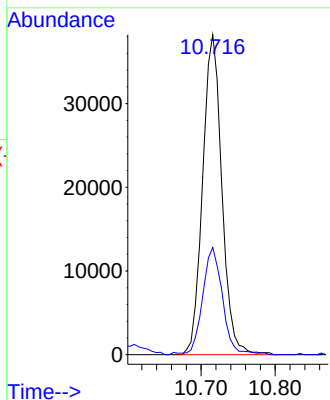
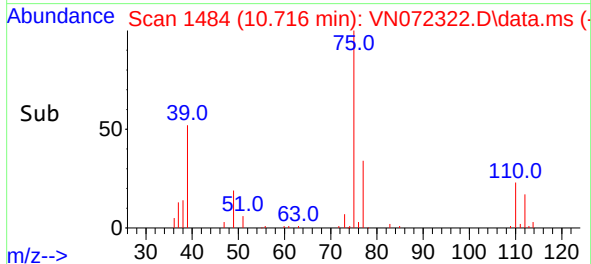
Instrument :
MSVOA_N
ClientSampleId :
VN0504WBSD01



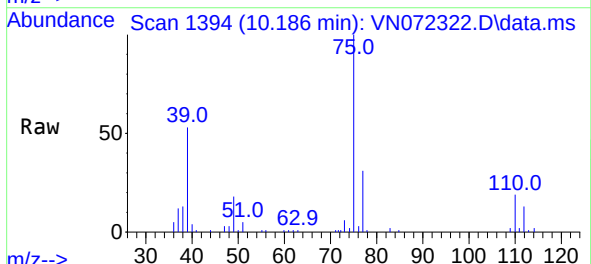
Tgt Ion: 75 Resp: 6882
Ion Ratio Lower Upper
75 100
77 33.5 25.6 38.4

Manual Integrations
APPROVED

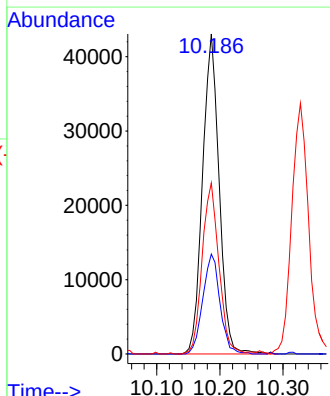
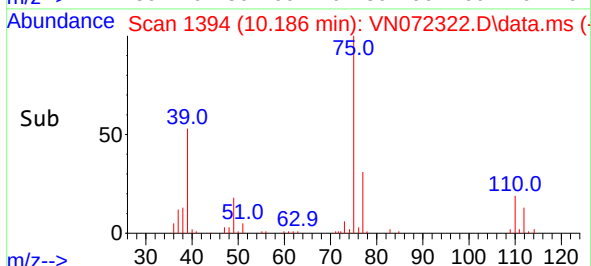
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022

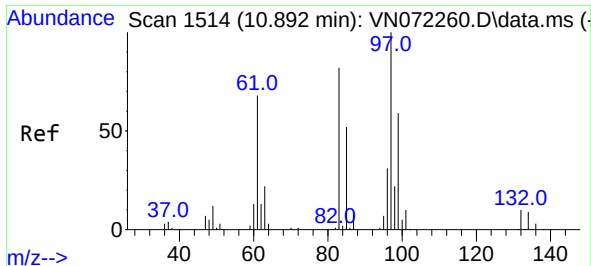


#54
cis-1,3-Dichloropropene
Concen: 21.312 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49



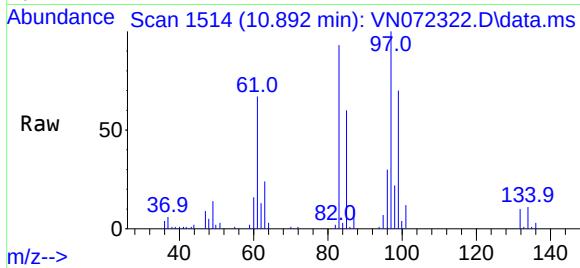
Tgt Ion: 75 Resp: 78569
Ion Ratio Lower Upper
75 100
77 31.2 25.2 37.8
39 53.4 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 20.929 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49

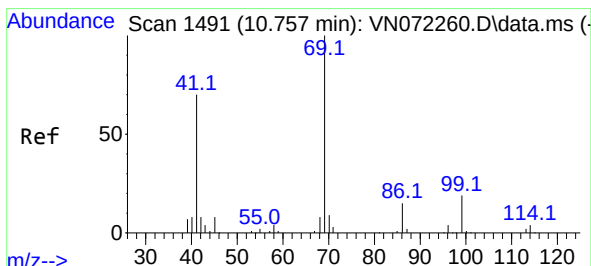
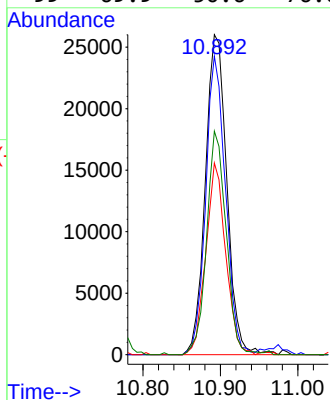
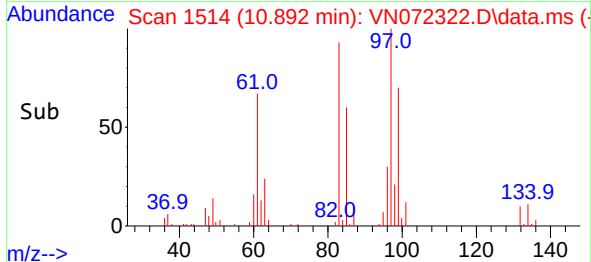
Instrument :
MSVOA_N
ClientSampleId :
VN0504WBSD01



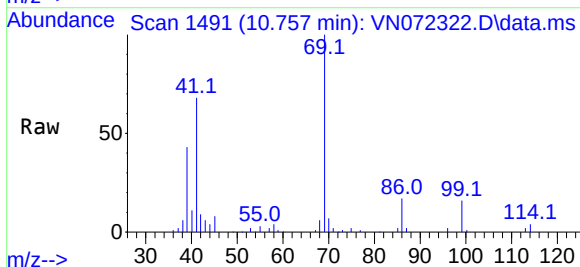
Tgt Ion	Ratio	Lower	Upper
97	100		
83	93.3	66.2	99.4
85	59.9	43.9	65.9
99	69.9	50.6	76.0

Manual Integrations
APPROVED

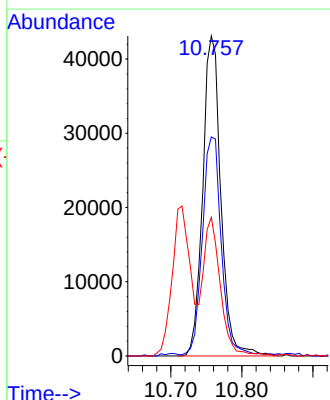
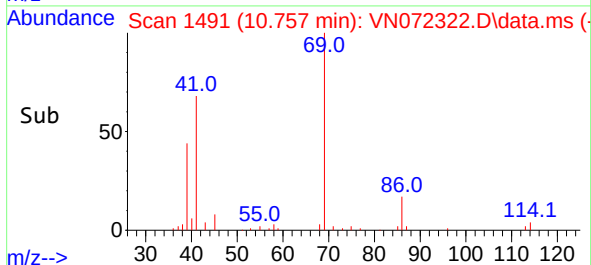
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022

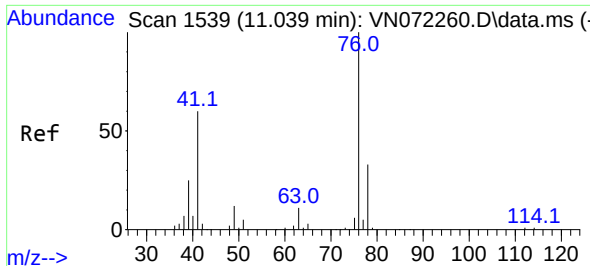


#56
Ethyl methacrylate
Concen: 19.814 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49



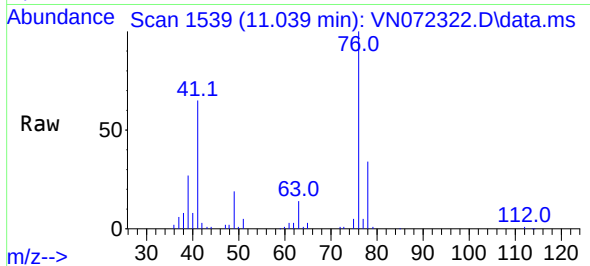
Tgt Ion	Ratio	Lower	Upper
69	100		
41	70.1	47.8	71.6
39	39.5	27.3	40.9





#57
1,3-Dichloropropane
Concen: 20.866 ug/l
RT: 11.039 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49

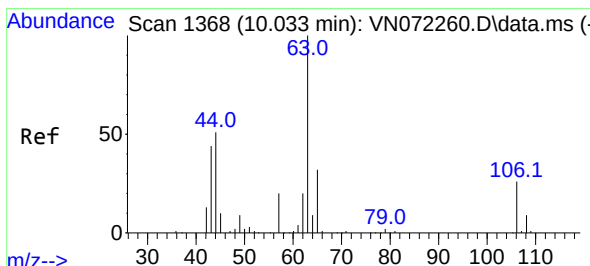
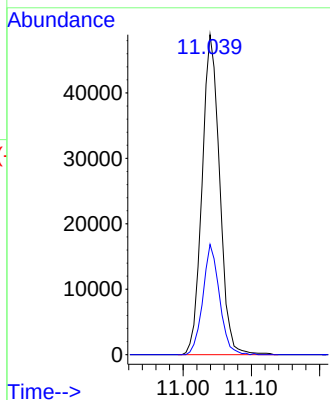
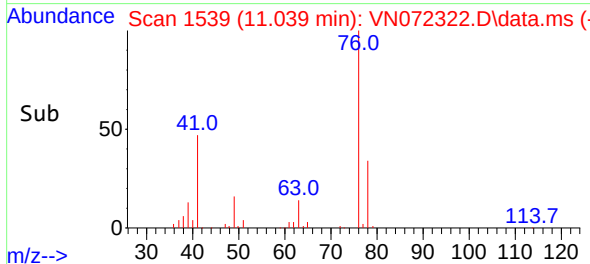
Instrument :
MSVOA_N
ClientSampleId :
VN0504WBSD01



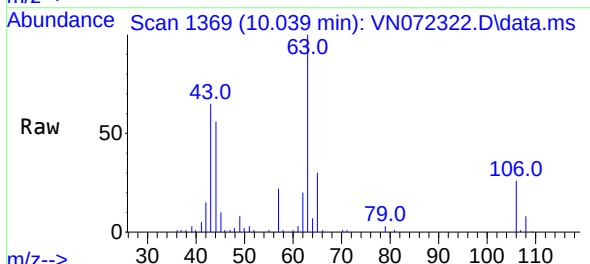
Tgt Ion: 76 Resp: 87629
Ion Ratio Lower Upper
76 100
78 32.6 26.2 39.2

Manual Integrations
APPROVED

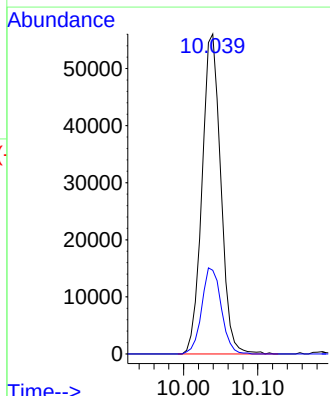
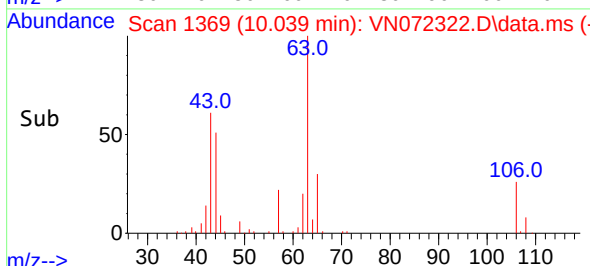
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022

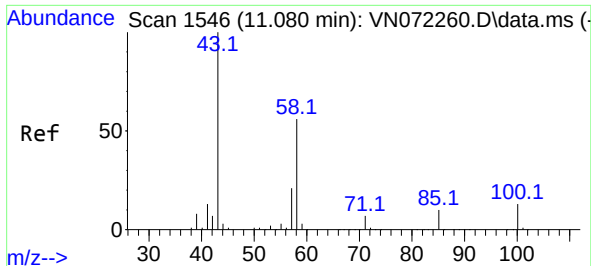


#58
2-Chloroethyl Vinyl ether
Concen: 98.672 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49



Tgt Ion: 63 Resp: 98235
Ion Ratio Lower Upper
63 100
106 28.1 24.6 36.8





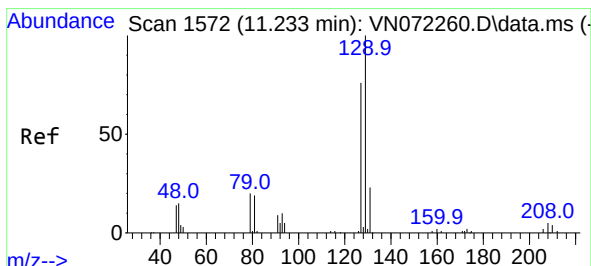
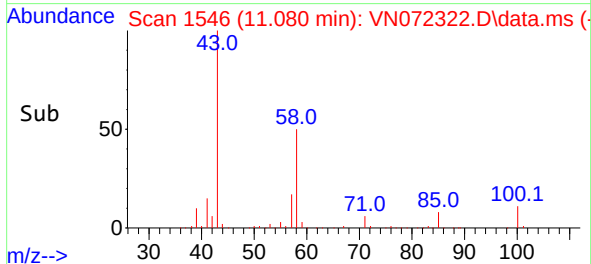
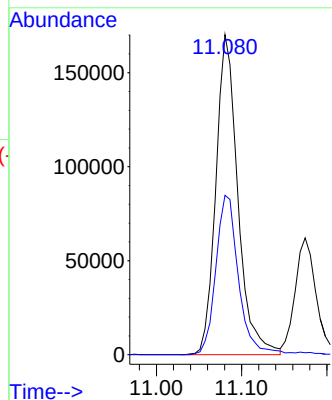
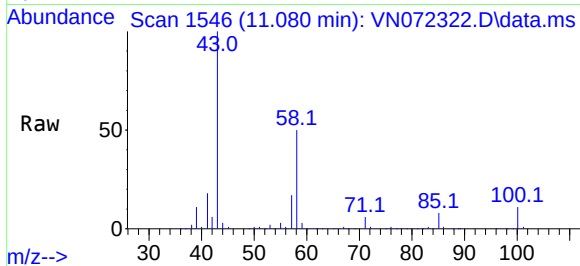
#59
2-Hexanone
Concen: 112.547 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.001 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN0504WBSD01

Tgt Ion: 43 Resp: 305834
Ion Ratio Lower Upper
43 100
58 51.3 29.7 89.1

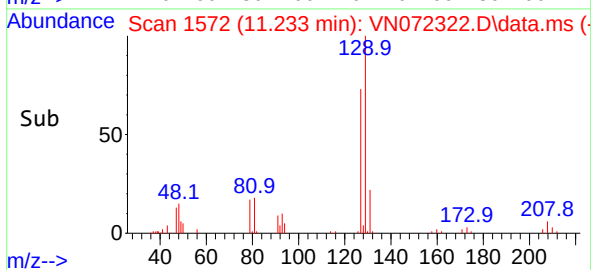
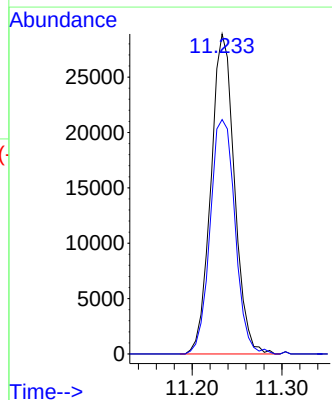
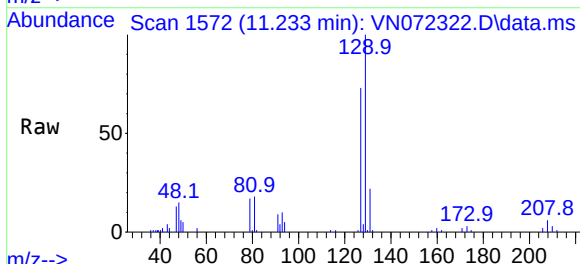
Manual Integrations
APPROVED

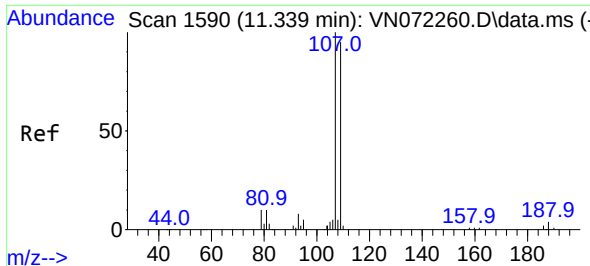
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022



#60
Dibromochloromethane
Concen: 21.494 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49

Tgt Ion:129 Resp: 52601
Ion Ratio Lower Upper
129 100
127 77.5 38.8 116.4





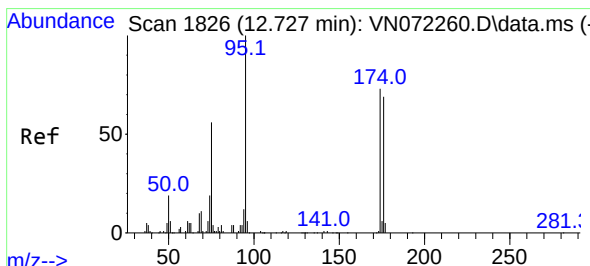
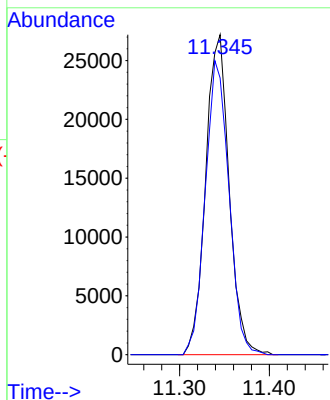
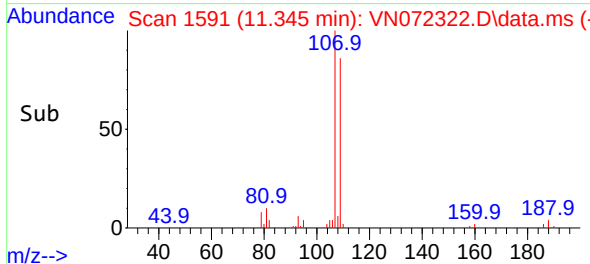
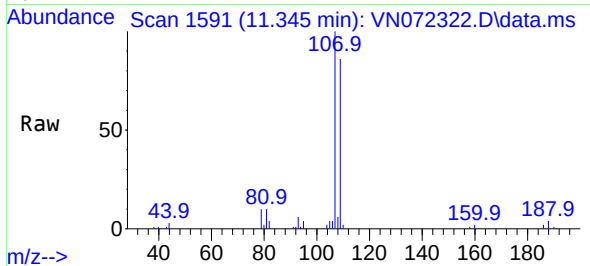
#61
1,2-Dibromoethane
Concen: 21.006 ug/l
RT: 11.345 min Scan# 1590
Delta R.T. 0.006 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN0504WBSD01

Tgt Ion:107 Resp: 49440
Ion Ratio Lower Upper
107 100
109 92.4 75.0 112.6

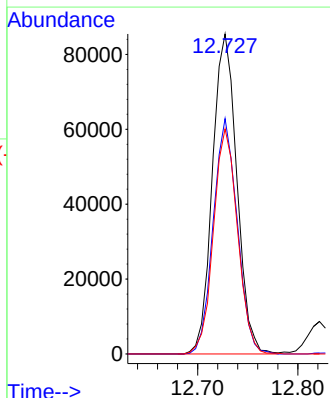
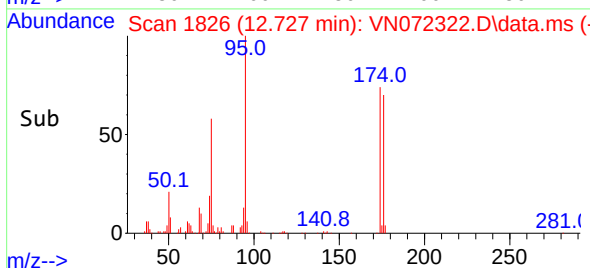
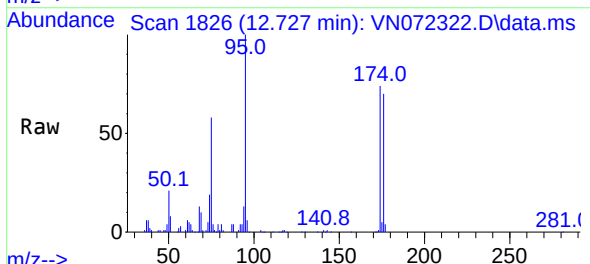
Manual Integrations
APPROVED

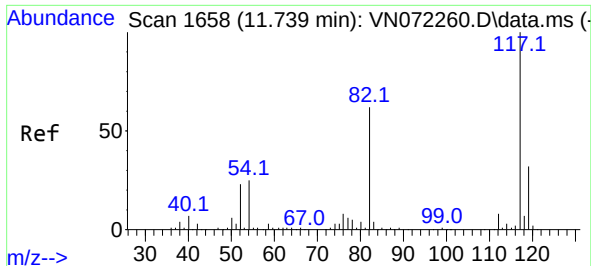
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022



#62
4-Bromofluorobenzene
Concen: 52.393 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49

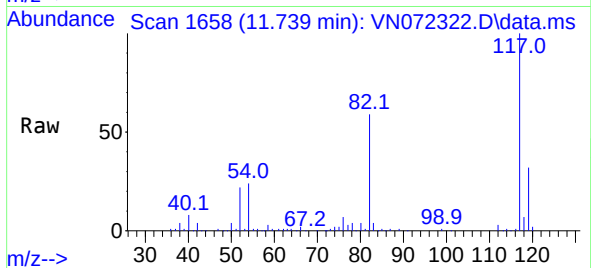
Tgt Ion: 95 Resp: 144503
Ion Ratio Lower Upper
95 100
174 72.3 0.0 167.6
176 69.4 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49

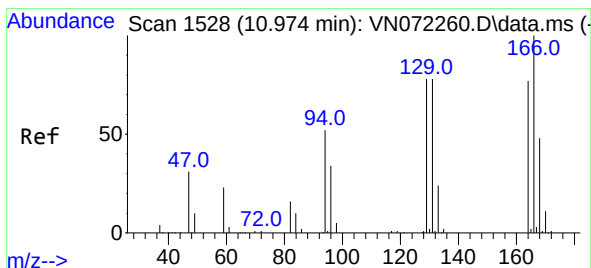
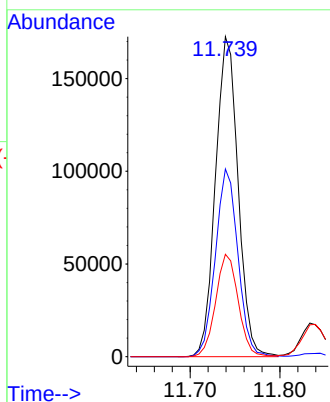
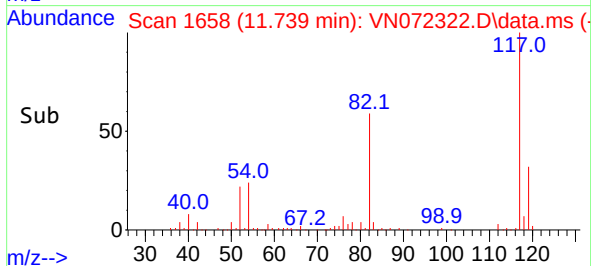
Instrument :
MSVOA_N
ClientSampleId :
VN0504WBSD01



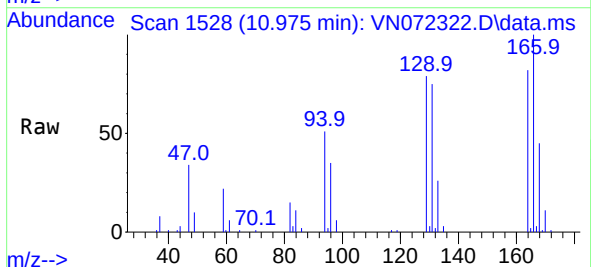
Tgt Ion:117 Resp: 301774
Ion Ratio Lower Upper
117 100
82 58.7 44.2 66.2
119 32.0 25.4 38.0

Manual Integrations
APPROVED

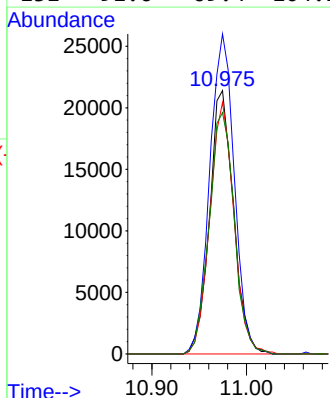
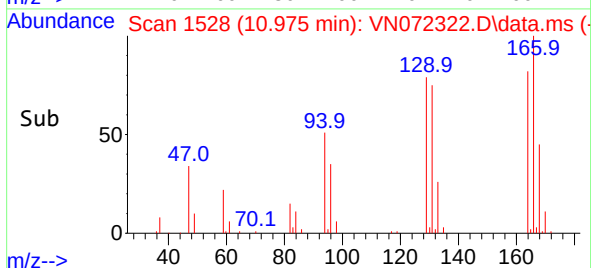
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022

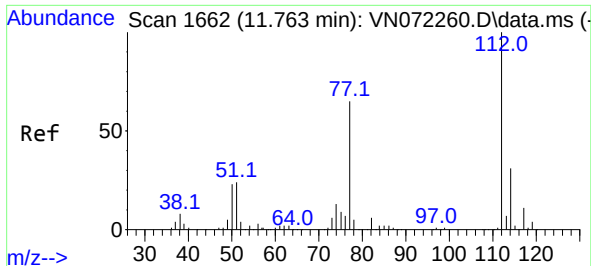


#64
Tetrachloroethene
Concen: 20.745 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49



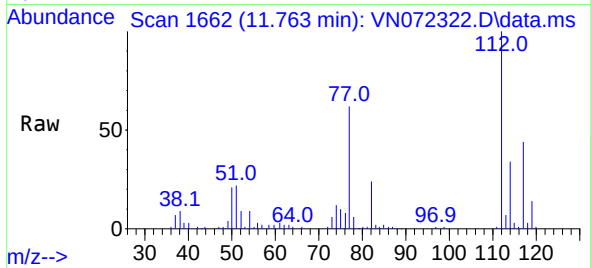
Tgt Ion:164 Resp: 37683
Ion Ratio Lower Upper
164 100
166 121.5 104.2 156.2
129 95.5 73.9 110.9
131 91.6 69.4 104.2





#65
Chlorobenzene
Concen: 19.859 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.006 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49

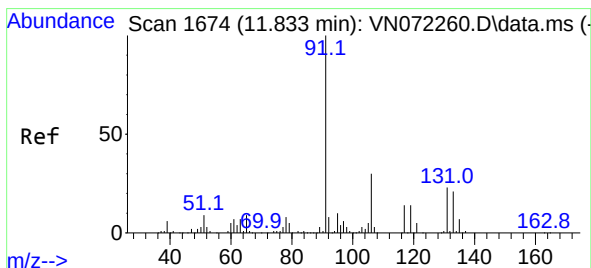
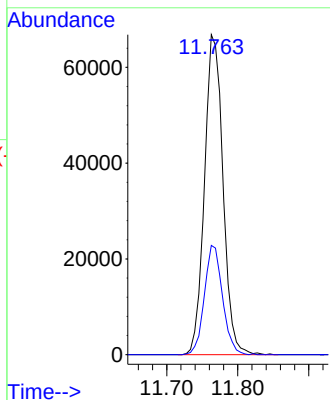
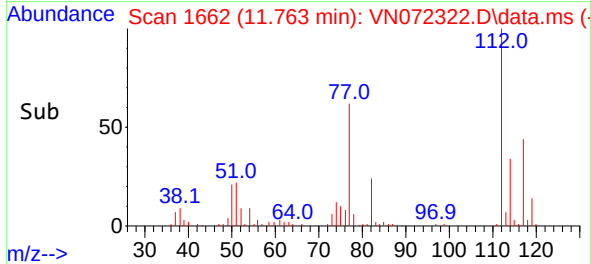
Instrument :
MSVOA_N
ClientSampleId :
VN0504WBSD01



Tgt Ion:112 Resp: 121080
Ion Ratio Lower Upper
112 100
114 34.2 25.4 38.2

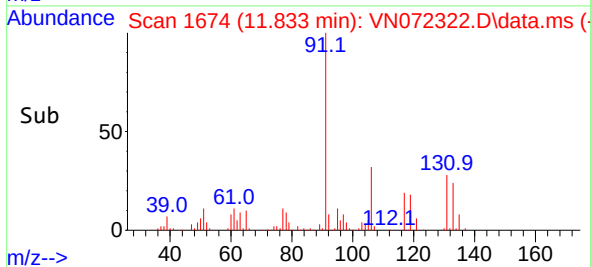
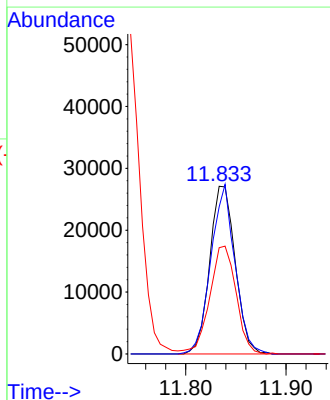
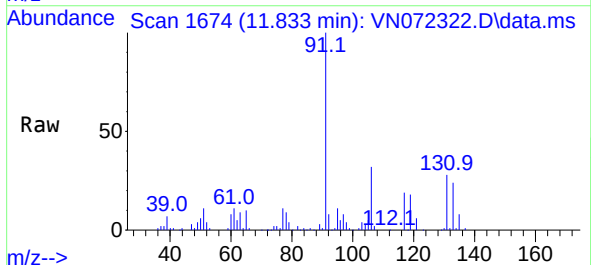
Manual Integrations
APPROVED

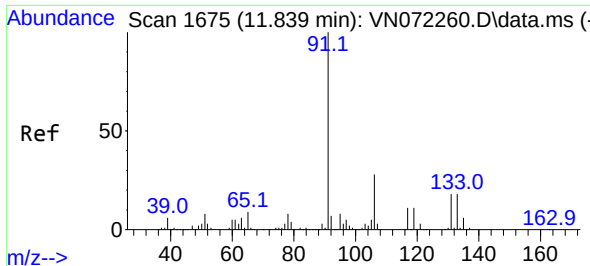
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 20.822 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49

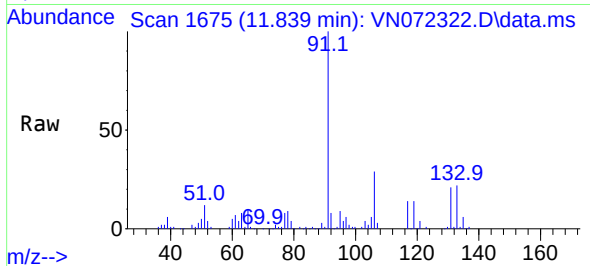
Tgt Ion:131 Resp: 47840
Ion Ratio Lower Upper
131 100
133 95.9 47.8 143.4
119 66.7 33.4 100.2





#67
Ethyl Benzene
Concen: 19.766 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49

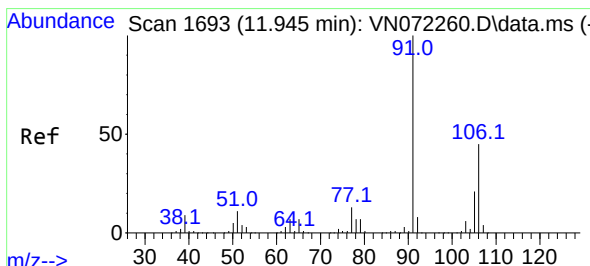
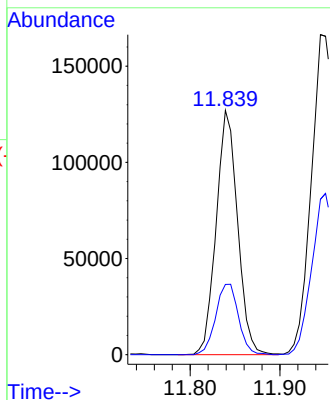
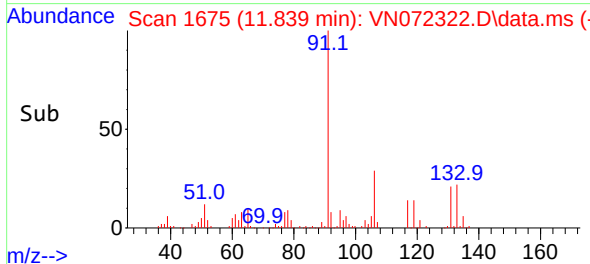
Instrument :
MSVOA_N
ClientSampleId :
VN0504WBSD01



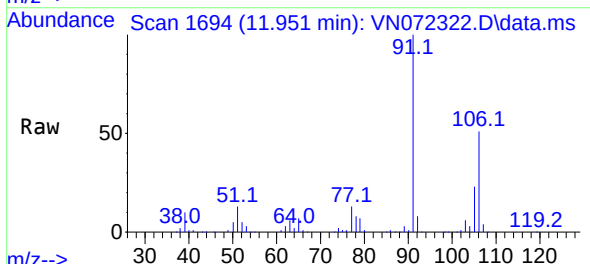
Tgt Ion: 91 Resp: 210178
Ion Ratio Lower Upper
91 100
106 28.8 24.9 37.3

Manual Integrations
APPROVED

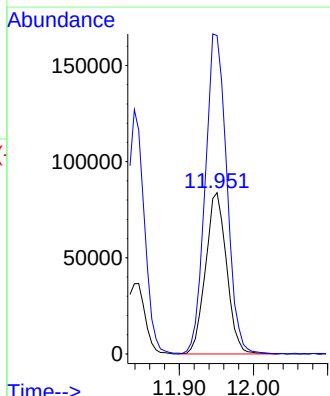
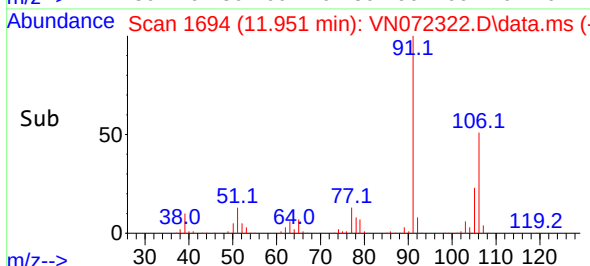
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022

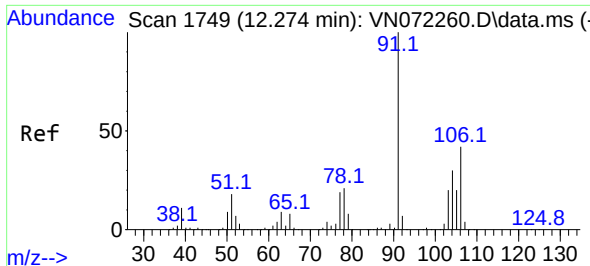


#68
m/p-Xylenes
Concen: 41.826 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49



Tgt Ion:106 Resp: 165155
Ion Ratio Lower Upper
106 100
91 203.5 158.9 238.3





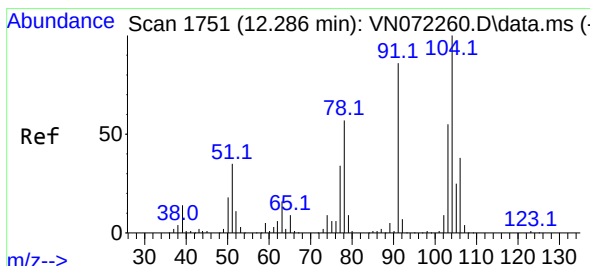
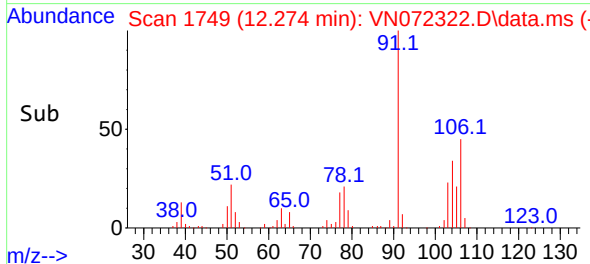
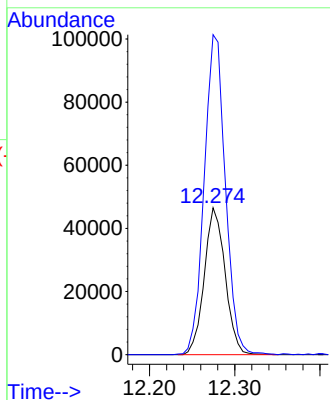
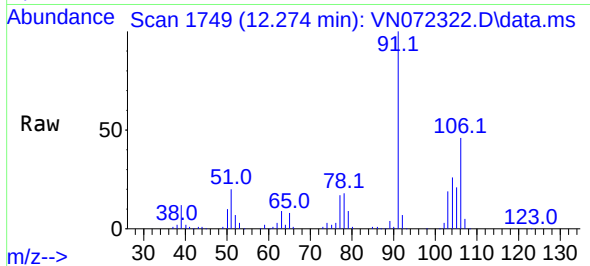
#69
o-Xylene
Concen: 20.696 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN0504WBSD01

Tgt Ion:106 Resp: 79224
Ion Ratio Lower Upper
106 100
91 220.9 106.0 318.0

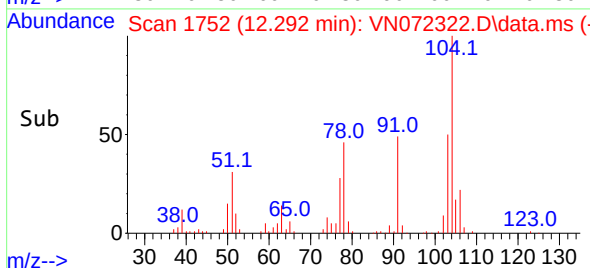
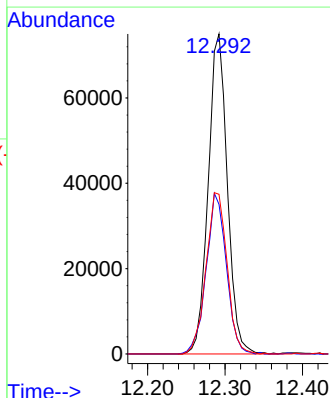
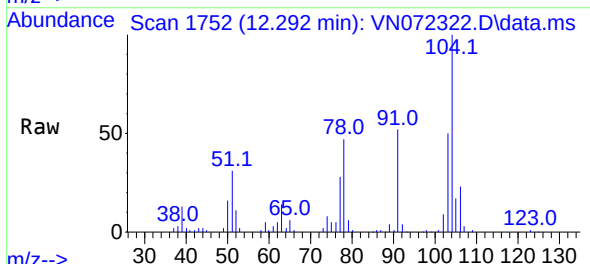
Manual Integrations
APPROVED

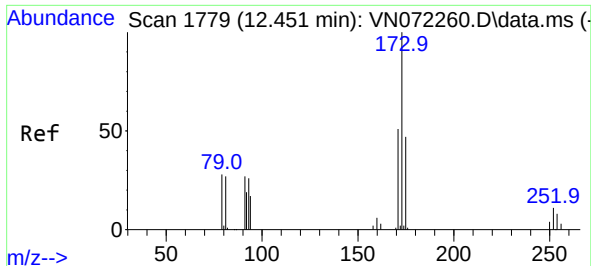
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022



#70
Styrene
Concen: 21.411 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49

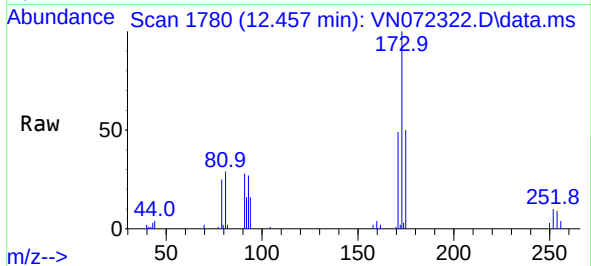
Tgt Ion:104 Resp: 129099
Ion Ratio Lower Upper
104 100
78 52.9 39.5 59.3
103 55.3 44.0 66.0





#71
Bromoform
Concen: 20.694 ug/l
RT: 12.457 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49

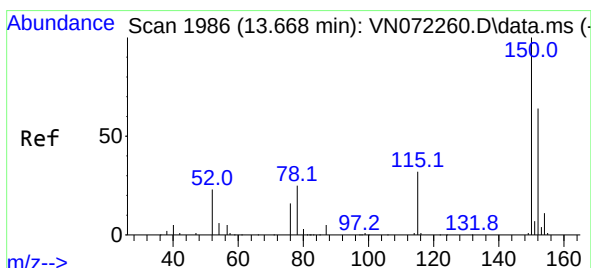
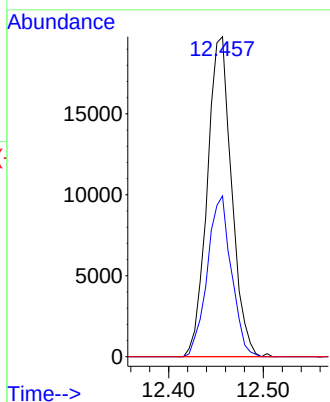
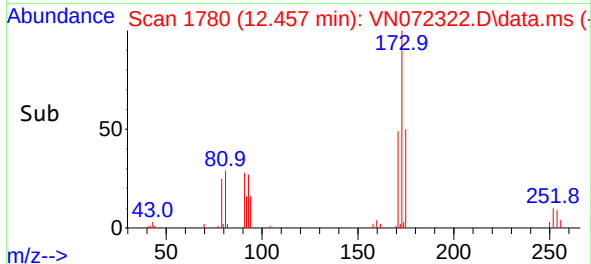
Instrument :
MSVOA_N
ClientSampleId :
VN0504WBSD01



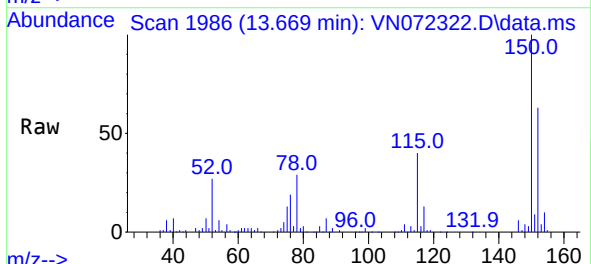
Tgt Ion:173 Resp: 35362
Ion Ratio Lower Upper
173 100
175 49.6 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

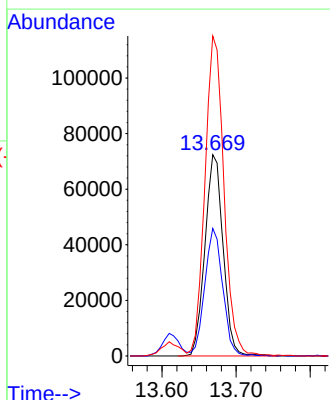
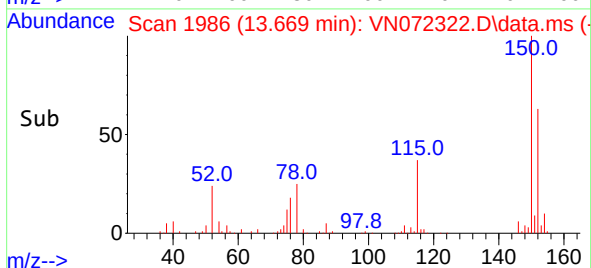
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022

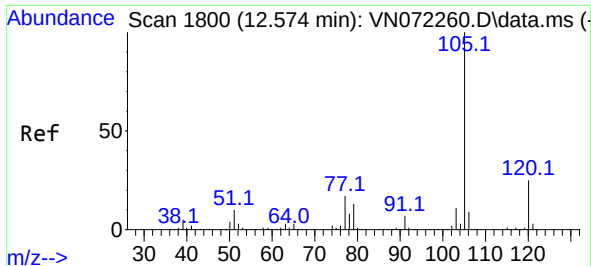


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49



Tgt Ion:152 Resp: 123421
Ion Ratio Lower Upper
152 100
115 62.7 28.9 86.7
150 166.2 0.0 356.2





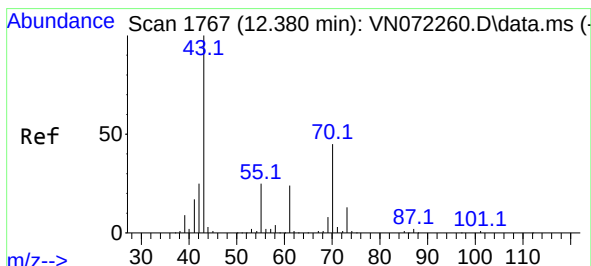
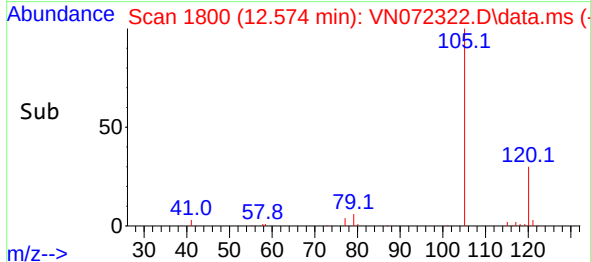
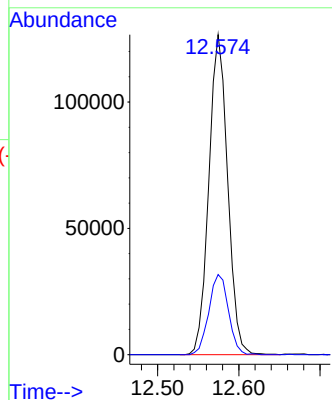
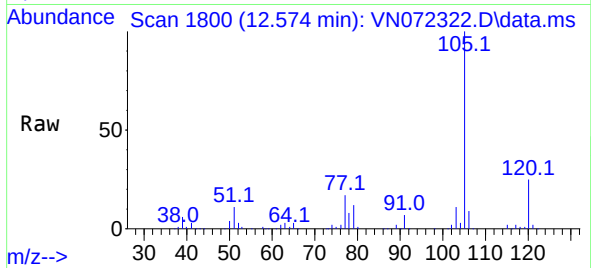
#73
Isopropylbenzene
Concen: 18.663 ug/l
RT: 12.574 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN0504WBSD01

Tgt Ion:105 Resp: 20344
Ion Ratio Lower Upper
105 100
120 26.1 13.5 40.4

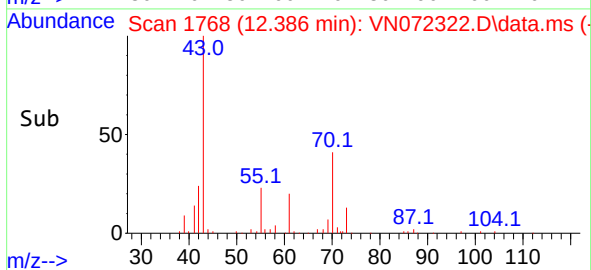
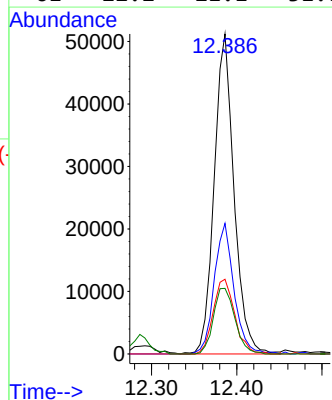
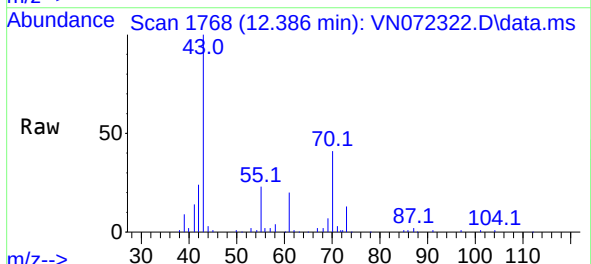
Manual Integrations
APPROVED

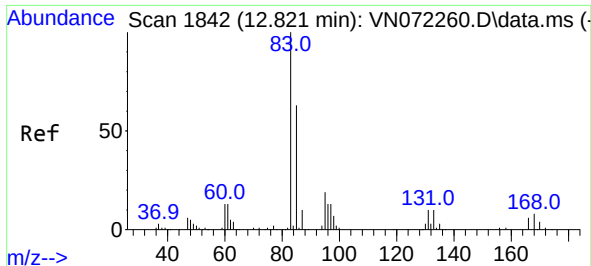
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022



#74
N-ethyl acetate
Concen: 20.321 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.006 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49

Tgt Ion: 43 Resp: 82990
Ion Ratio Lower Upper
43 100
70 40.7 39.0 58.4
55 25.4 21.1 31.7
61 22.2 21.1 31.7





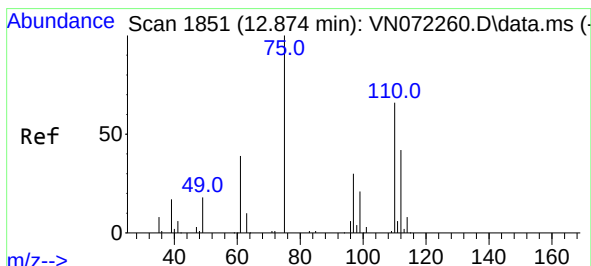
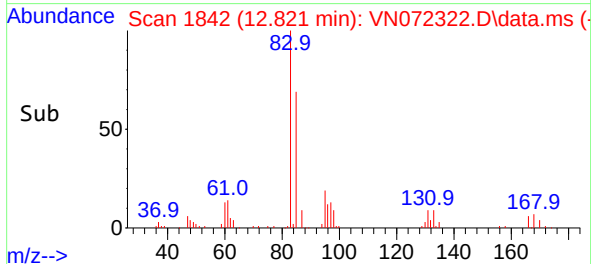
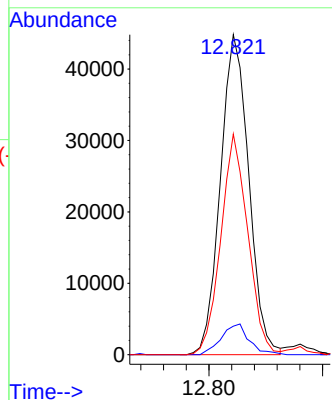
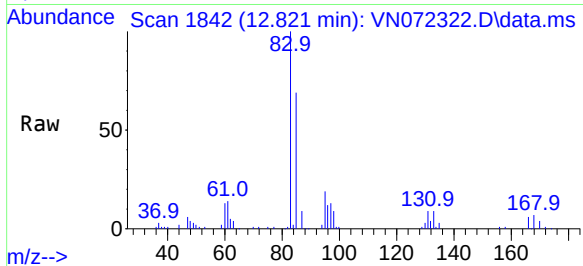
#75
1,1,2,2-Tetrachloroethane
Concen: 20.507 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.001 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN0504WBSD01

Tgt Ion: 83 Resp: 77652
Ion Ratio Lower Upper
83 100
131 9.4 5.3 15.9
85 65.8 32.3 96.9

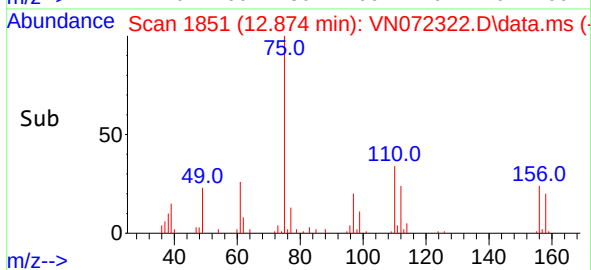
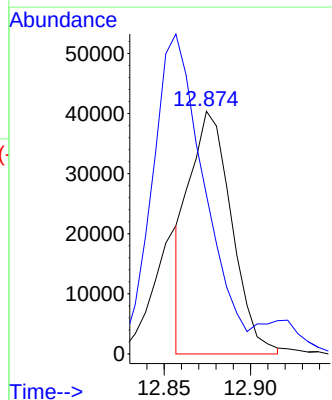
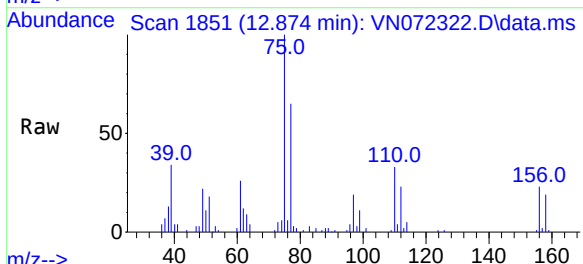
Manual Integrations
APPROVED

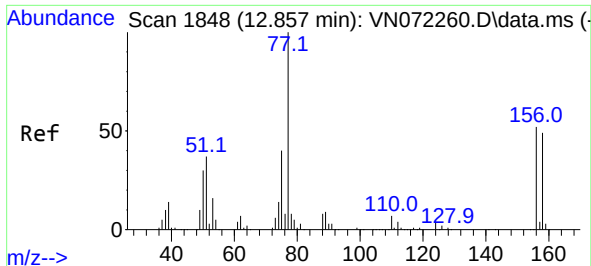
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022



#76
1,2,3-Trichloropropane
Concen: 24.868 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49

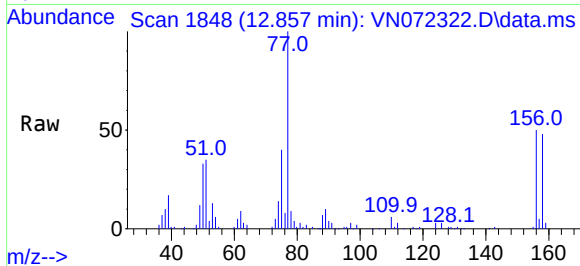
Tgt Ion: 75 Resp: 69167
Ion Ratio Lower Upper
75 100
77 160.6 98.5 295.5





#77
Bromobenzene
Concen: 18.773 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49

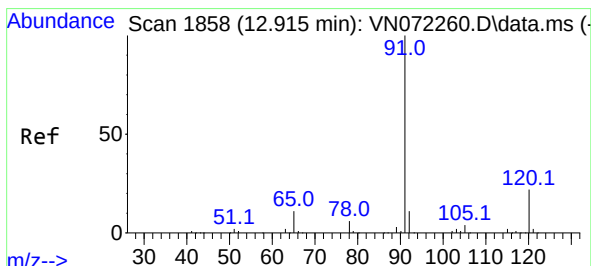
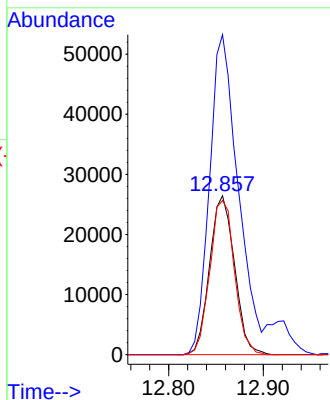
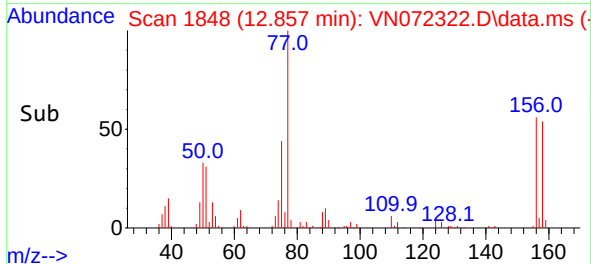
Instrument :
MSVOA_N
ClientSampleId :
VN0504WBSD01



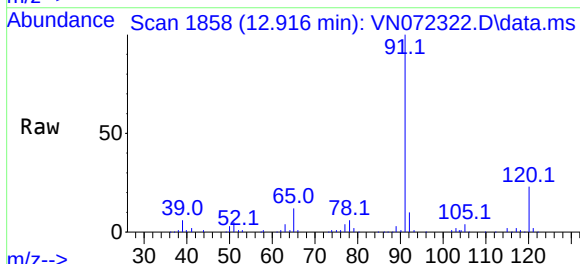
Tgt Ion:156 Resp: 48394
Ion Ratio Lower Upper
156 100
77 229.6 100.5 301.5
158 95.8 48.9 146.6

Manual Integrations
APPROVED

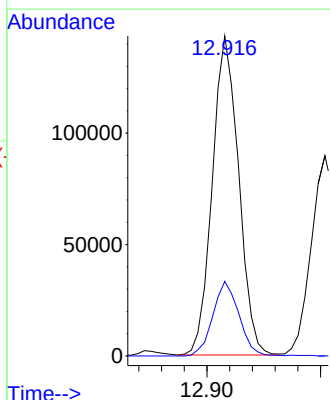
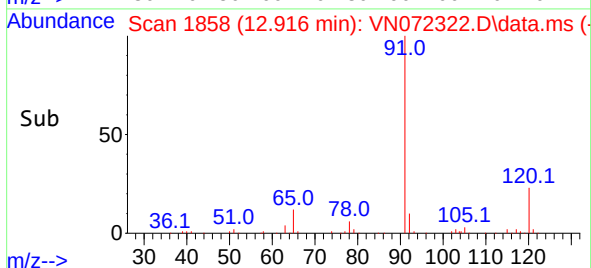
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022

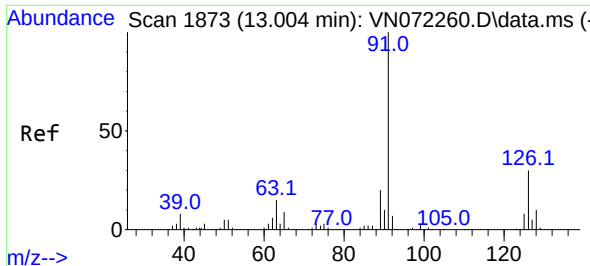


#78
n-propylbenzene
Concen: 19.192 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49



Tgt Ion: 91 Resp: 230464
Ion Ratio Lower Upper
91 100
120 23.1 11.9 35.5





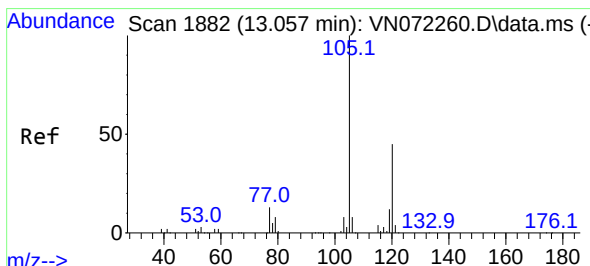
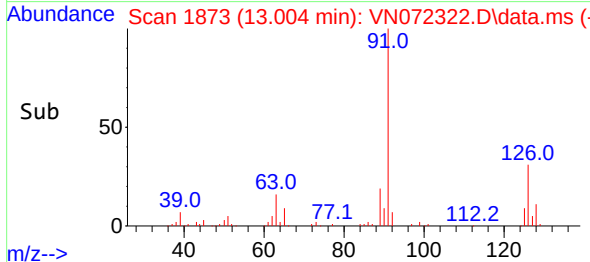
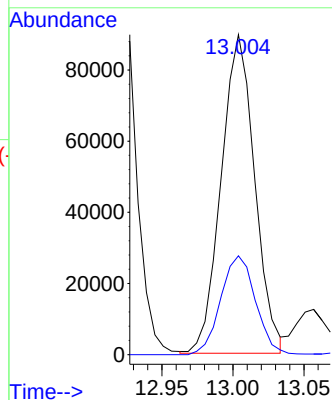
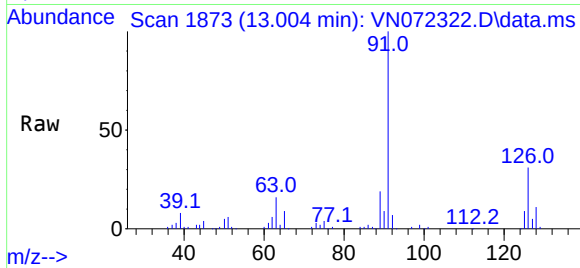
#79
2-Chlorotoluene
Concen: 18.641 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN0504WBSD01

Tgt Ion: 91 Resp: 147030
Ion Ratio Lower Upper
91 100
126 32.3 17.3 51.9

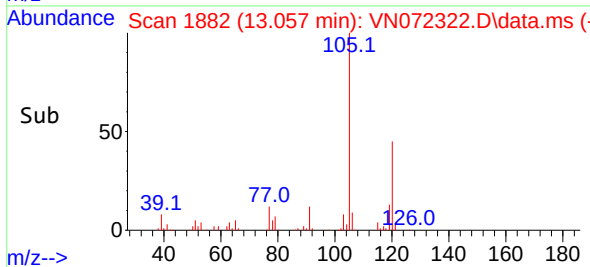
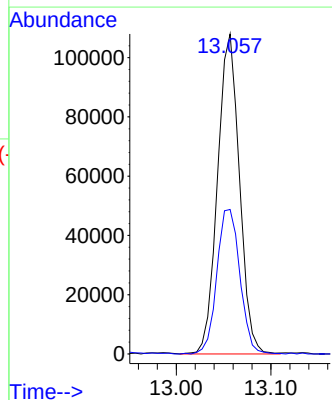
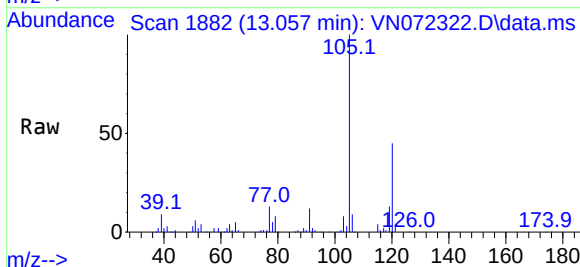
Manual Integrations
APPROVED

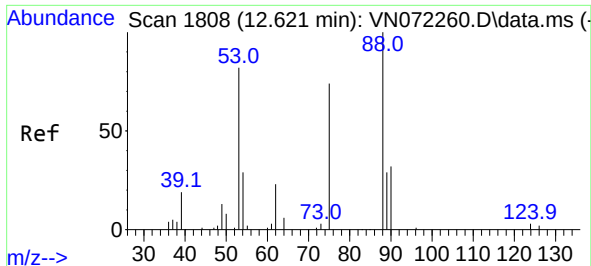
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022



#80
1,3,5-Trimethylbenzene
Concen: 19.123 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49

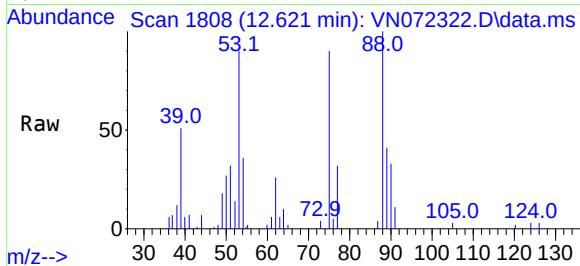
Tgt Ion:105 Resp: 173603
Ion Ratio Lower Upper
105 100
120 47.5 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 18.518 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.001 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49

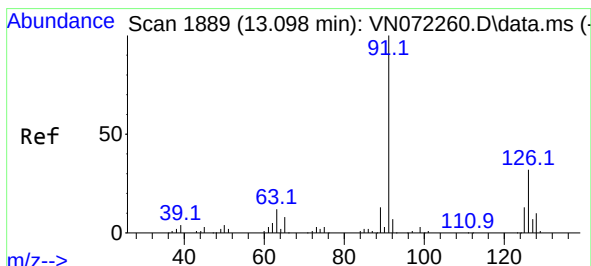
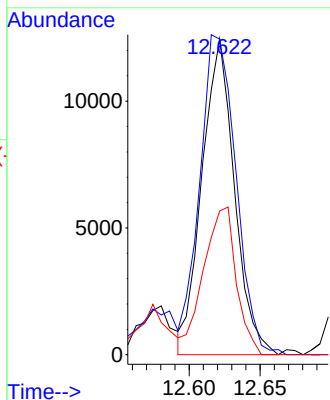
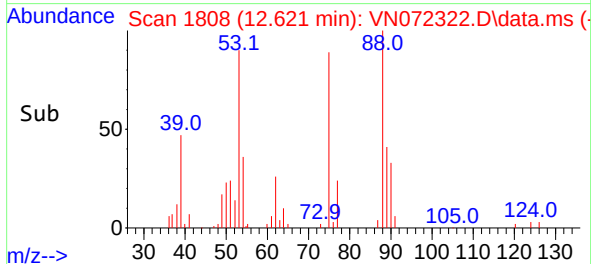
Instrument :
MSVOA_N
ClientSampleId :
VN0504WBSD01



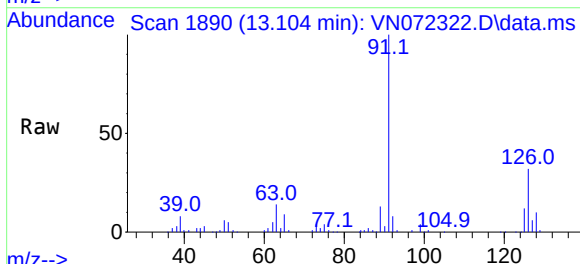
Tgt Ion: 75 Resp: 19760
Ion Ratio Lower Upper
75 100
53 112.9 78.0 117.0
89 47.3 37.2 55.8

Manual Integrations
APPROVED

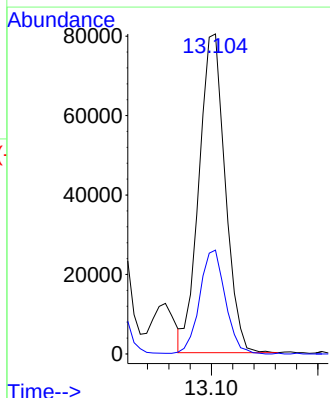
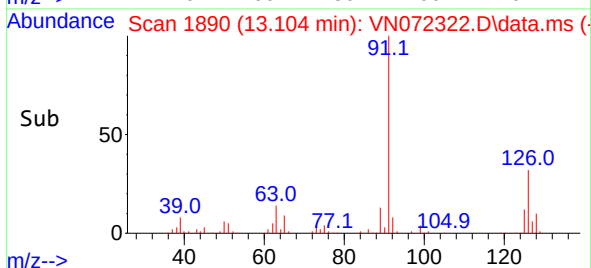
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022

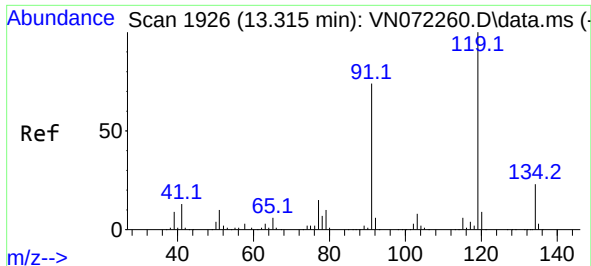


#82
4-Chlorotoluene
Concen: 18.649 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. 0.006 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49



Tgt Ion: 91 Resp: 136926
Ion Ratio Lower Upper
91 100
126 32.1 17.2 51.6





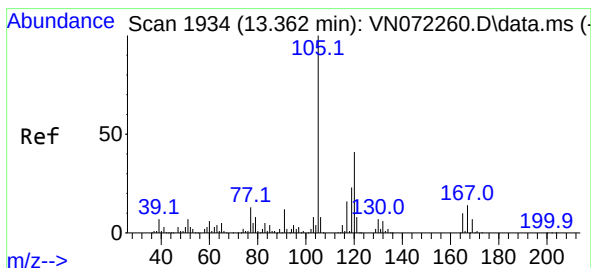
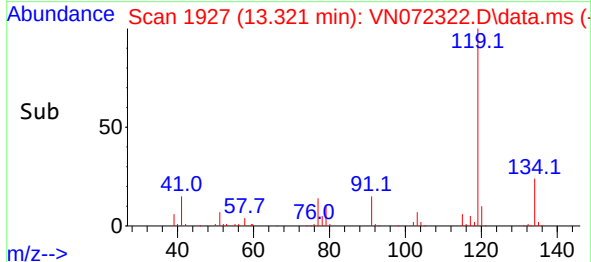
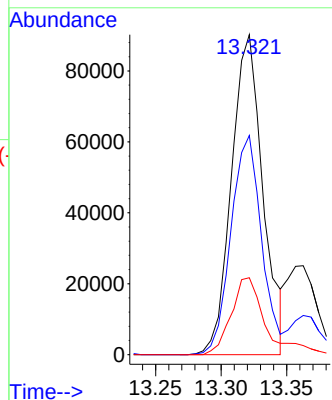
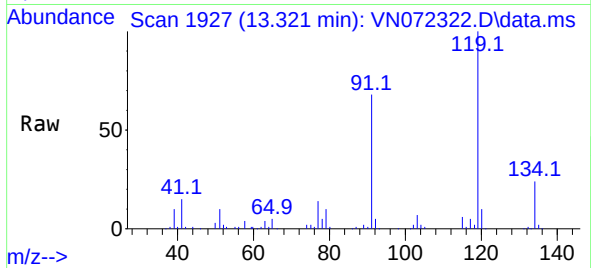
#83
tert-Butylbenzene
Concen: 18.927 ug/l
RT: 13.321 min Scan# 1926
Delta R.T. 0.005 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN0504WBSD01

Tgt Ion:119 Resp: 15086
Ion Ratio Lower Upper
119 100
91 66.5 31.6 94.8
134 26.2 13.7 41.1

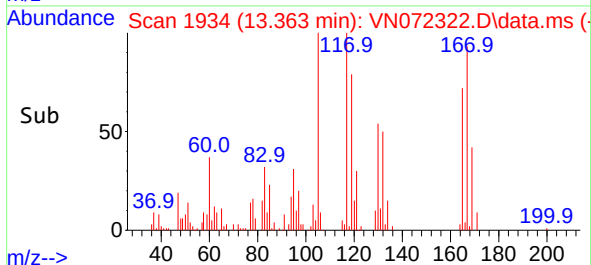
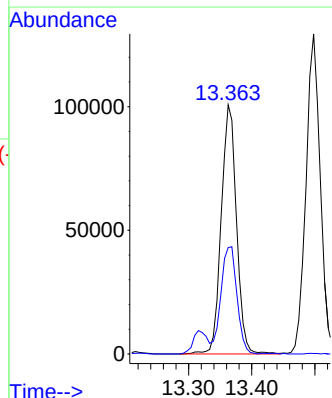
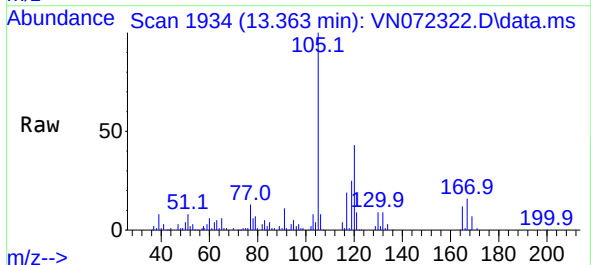
Manual Integrations
APPROVED

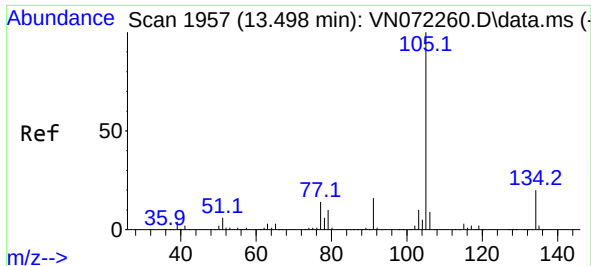
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022



#84
1,2,4-Trimethylbenzene
Concen: 19.225 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49

Tgt Ion:105 Resp: 168858
Ion Ratio Lower Upper
105 100
120 45.3 23.3 69.8





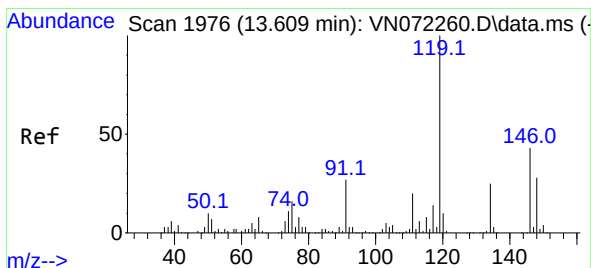
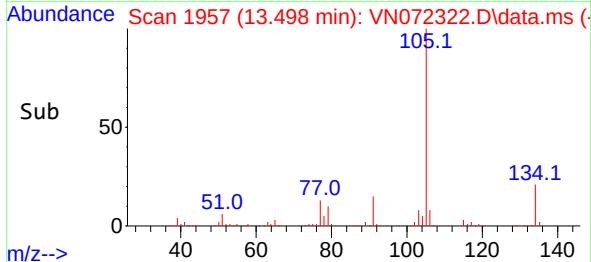
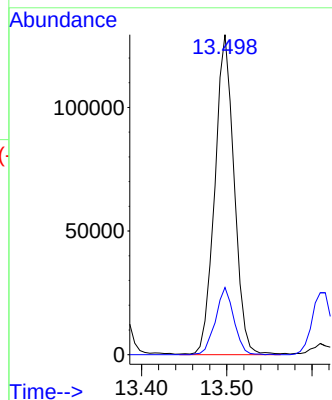
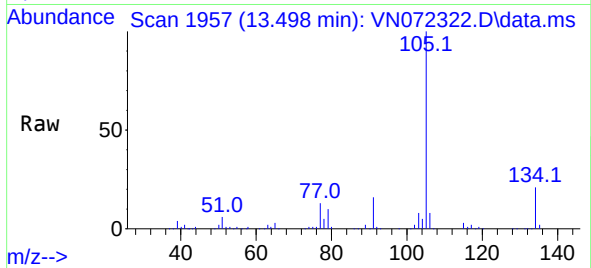
#85
 sec-Butylbenzene
 Concen: 19.632 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN072322.D
 Acq: 04 May 2022 12:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0504WBSD01

Tgt Ion:105 Resp: 204004
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.4 31.1

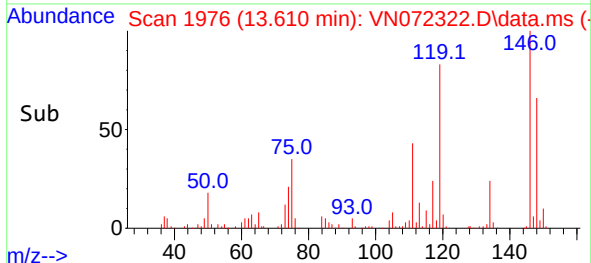
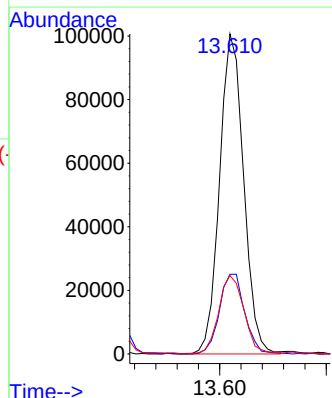
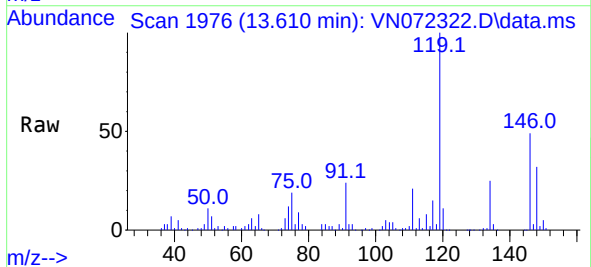
Manual Integrations
 APPROVED

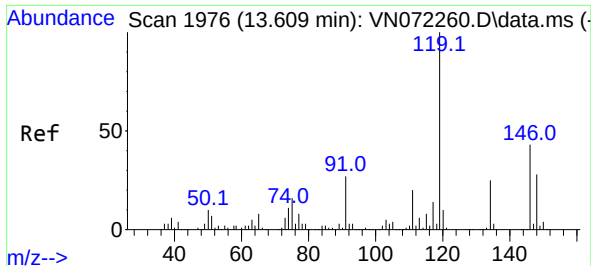
Reviewed By :John Carbone 05/05/2022
 Supervised By :Mahesh Dadoda 05/05/2022



#86
 p-Isopropyltoluene
 Concen: 19.471 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN072322.D
 Acq: 04 May 2022 12:49

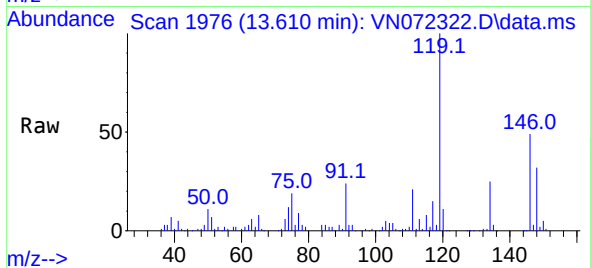
Tgt Ion:119 Resp: 157742
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.3 39.8
 91 25.7 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 19.870 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49

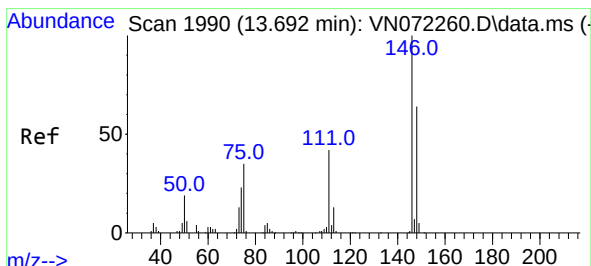
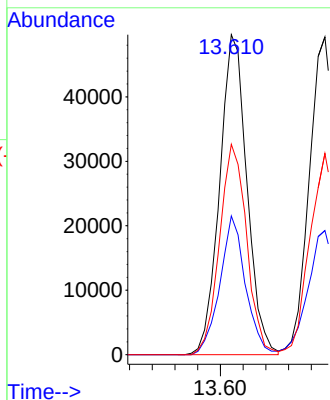
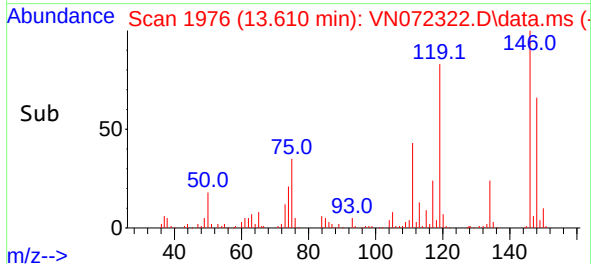
Instrument :
MSVOA_N
ClientSampleId :
VN0504WBSD01



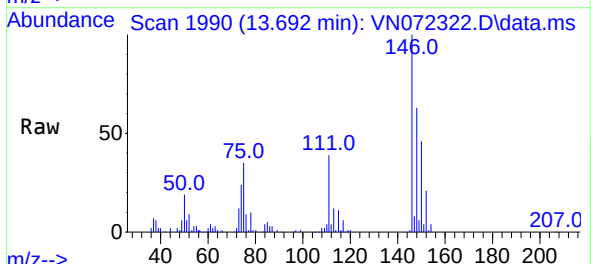
Tgt Ion:146 Resp: 82900
Ion Ratio Lower Upper
146 100
111 40.6 20.0 60.0
148 65.4 32.0 96.0

Manual Integrations
APPROVED

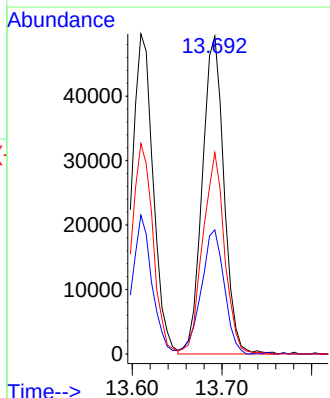
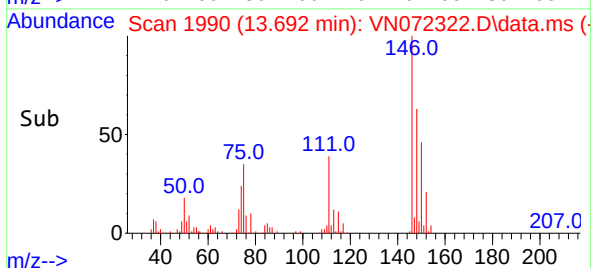
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022

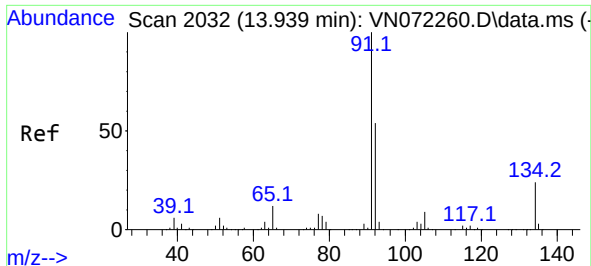


#88
1,4-Dichlorobenzene
Concen: 20.405 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49



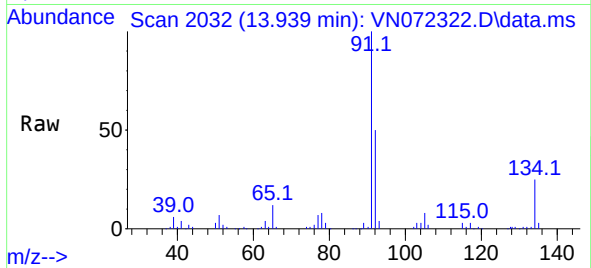
Tgt Ion:146 Resp: 82789
Ion Ratio Lower Upper
146 100
111 41.6 19.1 57.1
148 63.9 31.4 94.3





#89
n-Butylbenzene
Concen: 19.095 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49

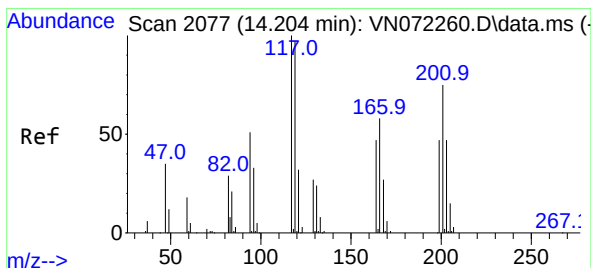
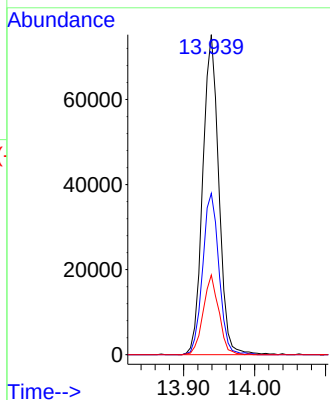
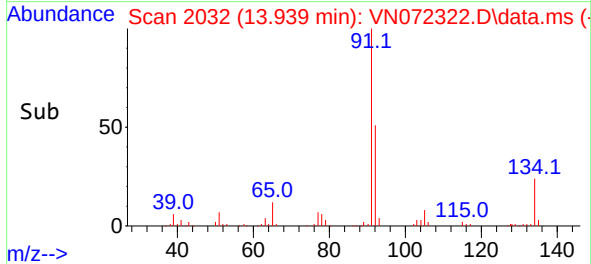
Instrument :
MSVOA_N
ClientSampleId :
VN0504WBSD01



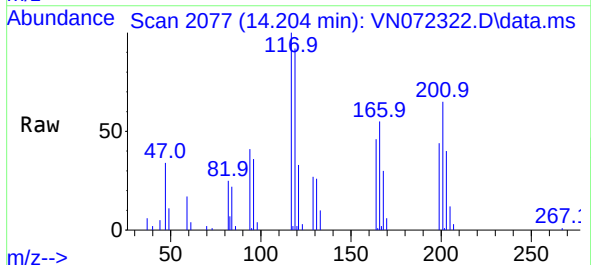
Tgt Ion: 91 Resp: 118490
Ion Ratio Lower Upper
91 100
92 51.1 26.9 80.7
134 24.2 13.6 40.8

Manual Integrations
APPROVED

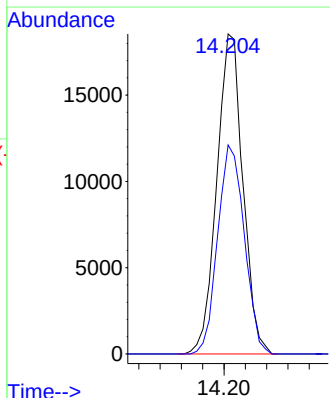
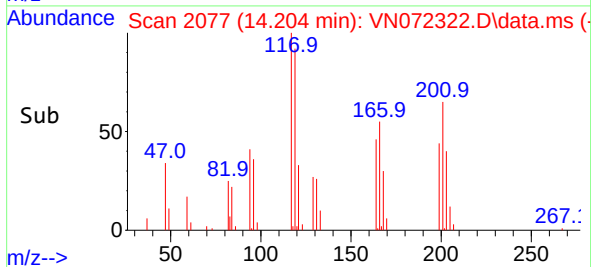
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022

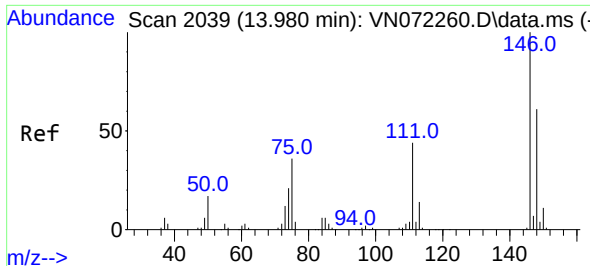


#90
Hexachloroethane
Concen: 17.915 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49



Tgt Ion:117 Resp: 31506
Ion Ratio Lower Upper
117 100
201 66.6 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 20.341 ug/l
RT: 13.986 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49

Instrument :

MSVOA_N

ClientSampleId :

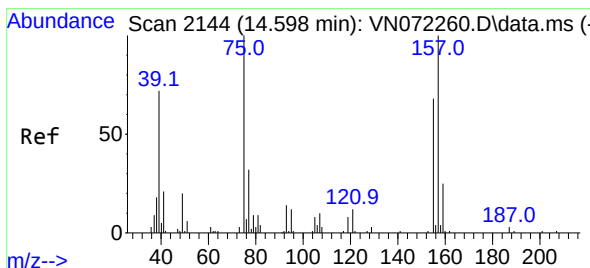
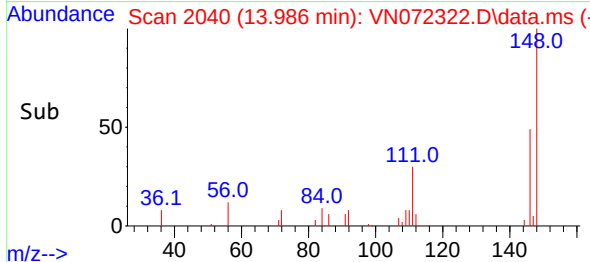
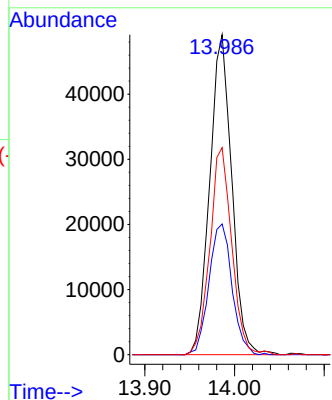
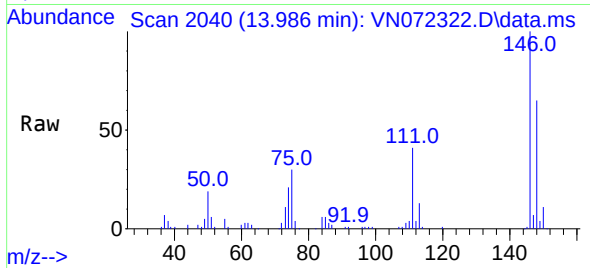
VN0504WBSD01

Tgt Ion:146 Resp: 8364
Ion Ratio Lower Upper
146 100
111 42.7 20.9 62.8
148 64.4 32.1 96.3

Manual Integrations

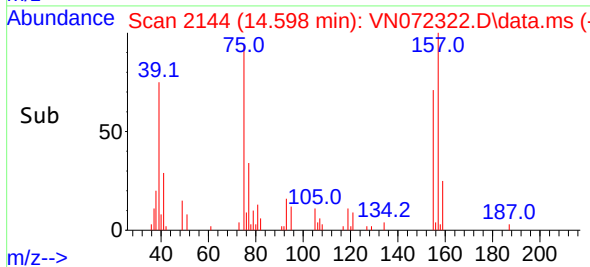
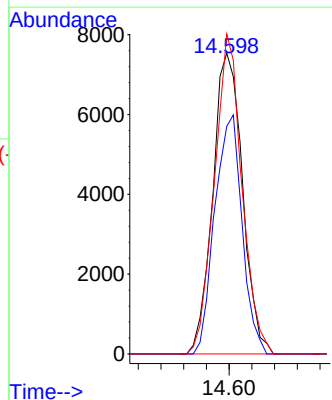
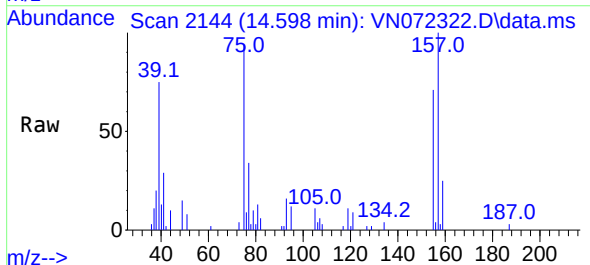
APPROVED

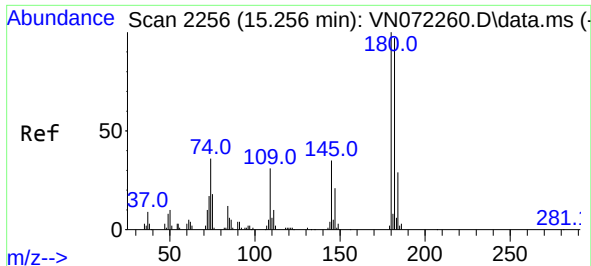
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.183 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49

Tgt Ion: 75 Resp: 13708
Ion Ratio Lower Upper
75 100
155 72.8 44.9 134.5
157 98.6 59.0 176.8





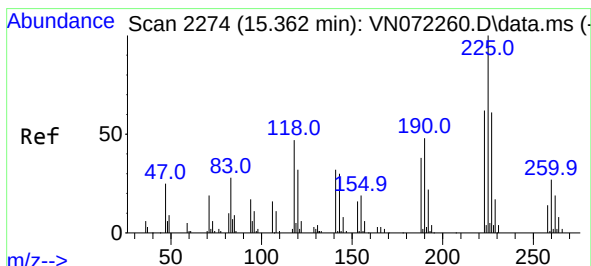
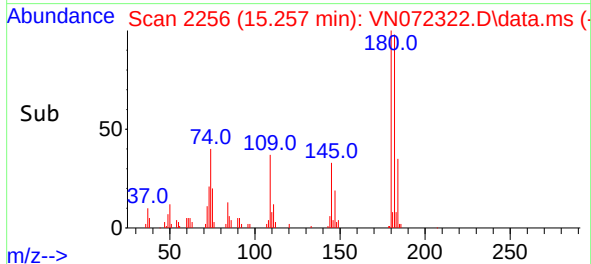
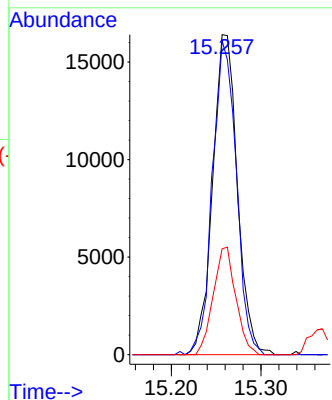
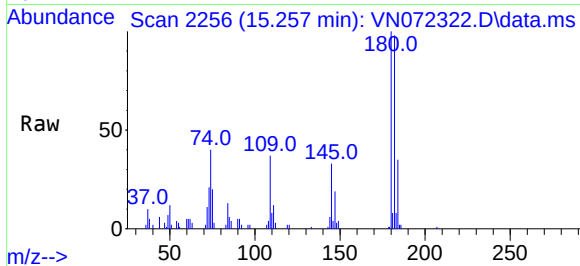
#93
1,2,4-Trichlorobenzene
Concen: 18.095 ug/l
RT: 15.257 min Scan# 211
Delta R.T. -0.000 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN0504WBSD01

Tgt Ion:180 Resp: 3131
Ion Ratio Lower Upper
180 100
182 94.8 47.5 142.5
145 30.7 14.5 43.5

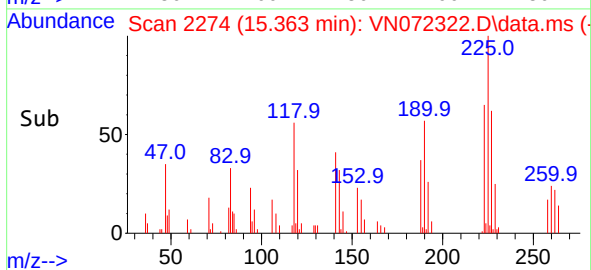
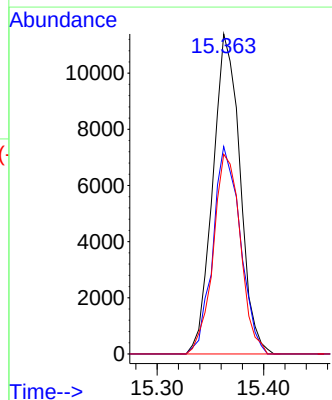
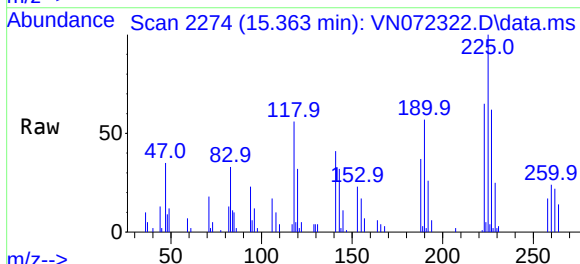
Manual Integrations
APPROVED

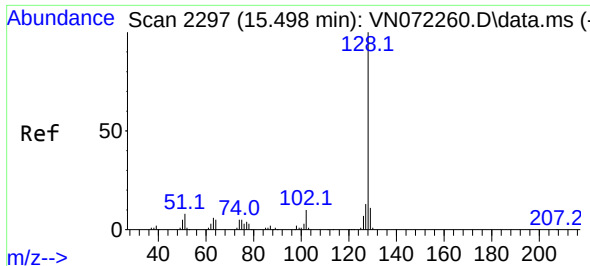
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022



#94
Hexachlorobutadiene
Concen: 18.294 ug/l
RT: 15.363 min Scan# 2274
Delta R.T. -0.000 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49

Tgt Ion:225 Resp: 20158
Ion Ratio Lower Upper
225 100
223 65.5 32.4 97.2
227 62.6 31.8 95.4





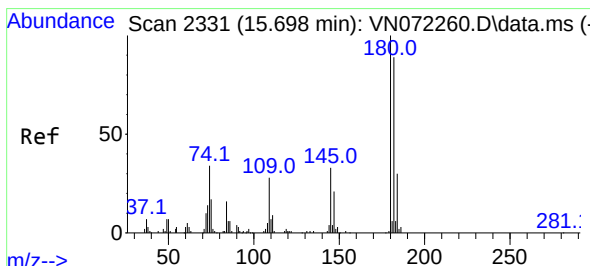
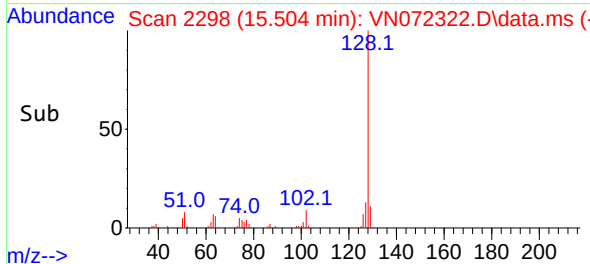
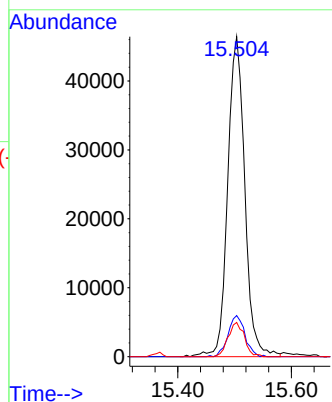
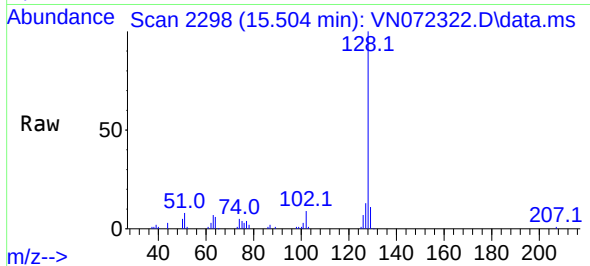
#95
Naphthalene
Concen: 18.149 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN0504WBSD01

Tgt Ion:128 Resp: 9686
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.2 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022



#96
1,2,3-Trichlorobenzene
Concen: 18.944 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN072322.D
Acq: 04 May 2022 12:49

Tgt Ion:180 Resp: 32567
Ion Ratio Lower Upper
180 100
182 98.2 47.8 143.3
145 34.0 15.5 46.5

