

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030422\
 Data File : VN071169.D
 Acq On : 04 Mar 2022 15:17
 Operator : JC\MD
 Sample : N1776-03DL 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 04 22:17:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 07:57:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	809368	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1287567	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1152531	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	436431	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	487590	52.738	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 105.480%	
35) Dibromofluoromethane	8.016	113	375695	49.056	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 98.120%	
50) Toluene-d8	10.439	98	1574356	51.189	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 102.380%	
62) 4-Bromofluorobenzene	12.727	95	603200	54.869	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 109.740%	

Target Compounds				Qvalue		
3) Chloromethane	2.304	50	2832	0.268	ug/l	96
5) Bromomethane	2.846	94	1679	0.279	ug/l #	54
11) Tert butyl alcohol	5.363	59	8985	5.333	ug/l #	71
13) Acrolein	4.051	56	757	0.503	ug/l #	14
14) Allyl chloride	4.945	41	7188	0.476	ug/l #	1
16) Acetone	4.263	43	28091	5.517	ug/l #	69
20) Methylene Chloride	5.093	84	4450	0.481	ug/l #	24
22) Diisopropyl ether	6.487	45	7738	0.267	ug/l #	85
25) 2-Butanone	7.334	43	9359	1.382	ug/l #	87
29) Tetrahydrofuran	7.704	42	2227	0.508	ug/l #	65
30) Chloroform	7.822	83	3588	0.225	ug/l #	72
31) Cyclohexane	8.092	56	140134	8.764	ug/l #	94
36) 1,1-Dichloropropene	8.081	75	63343	5.048	ug/l #	49
38) Carbon Tetrachloride	8.081	117	77398	6.261	ug/l #	17
39) Methylcyclohexane	9.451	83	57236	3.545	ug/l	90
40) Benzene	8.457	78	1957499	52.742	ug/l	98
41) Methacrylonitrile	7.669	41	4591	0.648	ug/l #	41
42) 1,2-Dichloroethane	8.516	62	3168	0.251	ug/l	91
43) Isopropyl Acetate	8.539	43	16790	0.792	ug/l #	55
48) Methyl methacrylate	9.633	41	6873	0.685	ug/l #	58
49) 1,4-Dioxane	9.575	88	209	1.172	ug/l #	1
51) 4-Methyl-2-Pentanone	10.322	43	9234	0.716	ug/l	95
52) Toluene	10.498	92	322706	13.837	ug/l	96
55) 1,1,2-Trichloroethane	10.874	97	6358	0.696	ug/l #	23
58) 2-Chloroethyl Vinyl ether	10.045	63	183	31.853	ug/l #	45
59) 2-Hexanone	11.080	43	24191	2.726	ug/l	82
67) Ethyl Benzene	11.839	91	2080232	47.857	ug/l	98
68) m/p-Xylenes	11.951	106	1819954	108.394	ug/l	99
69) o-Xylene	12.274	106	250300	15.261	ug/l	95
70) Styrene	12.280	104	16112	0.618	ug/l #	1
73) Isopropylbenzene	12.574	105	191615	5.455	ug/l	98
74) N-amyl acetate	12.386	43	13139	1.170	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.816	83	2276	0.204	ug/l #	93
76) 1,2,3-Trichloropropane	12.727	75	311695	30.333	ug/l #	1
77) Bromobenzene	12.851	156	1749	0.203	ug/l	81
78) n-propylbenzene	12.916	91	403270	10.217	ug/l	96

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Instrument :
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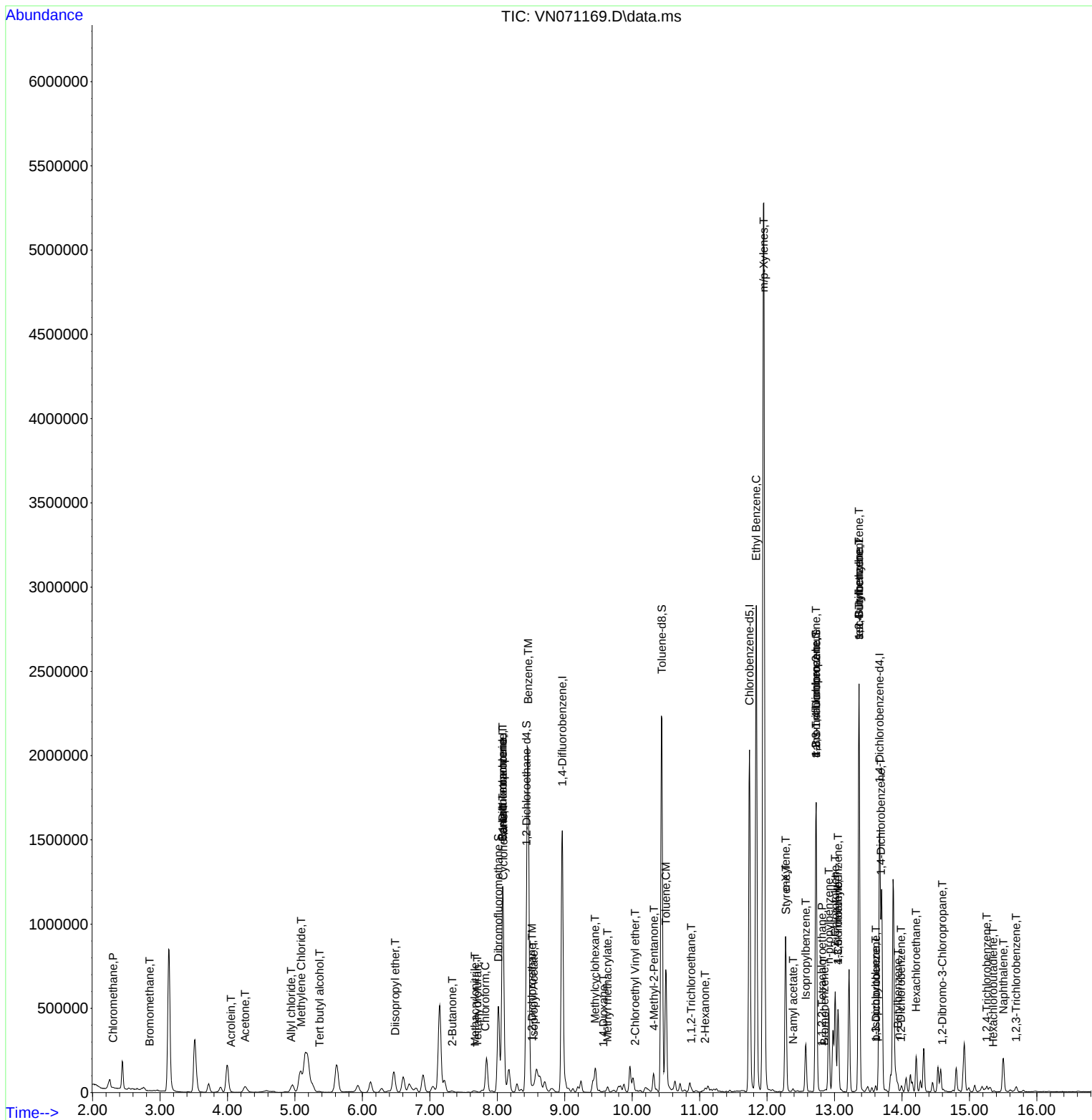
Quant Time: Mar 04 22:17:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 07:57:15 2022
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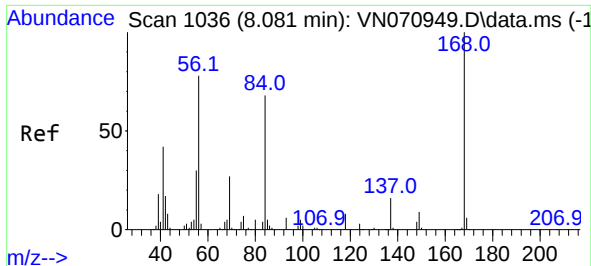
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

79) 2-Chlorotoluene	13.010	91	41170	1.718	ug/l #	38
80) 1,3,5-Trimethylbenzene	13.051	105	268974	9.451	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.727	75	311695	98.292	ug/l #	5
82) 4-Chlorotoluene	13.051	91	23588	1.014	ug/l #	38
83) tert-Butylbenzene	13.363	119	167308	6.199	ug/l #	66
84) 1,2,4-Trimethylbenzene	13.363	105	1338310	47.771	ug/l	100
85) sec-Butylbenzene	13.363	105	1338310	37.630	ug/l #	56
86) p-Isopropyltoluene	13.610	119	12402	0.425	ug/l #	78
87) 1,3-Dichlorobenzene	13.615	146	4895	0.322	ug/l #	81
88) 1,4-Dichlorobenzene	13.686	146	7002	0.469	ug/l #	35
89) n-Butylbenzene	13.939	91	29664	1.245	ug/l #	79
90) Hexachloroethane	14.210	117	11866	2.276	ug/l #	6
91) 1,2-Dichlorobenzene	13.986	146	5845	0.409	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	14.598	75	1807	0.999	ug/l #	47
93) 1,2,4-Trichlorobenzene	15.257	180	10622	3.268	ug/l	92
94) Hexachlorobutadiene	15.351	225	1789	0.343	ug/l	71
95) Naphthalene	15.504	128	197085	14.082	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	12215	4.082	ug/l	97

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

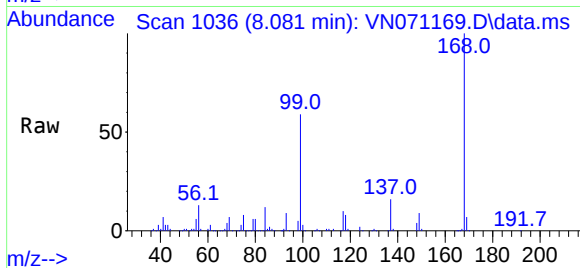
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 21 07:57:15 2022
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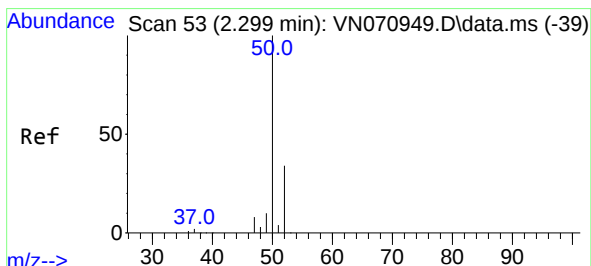
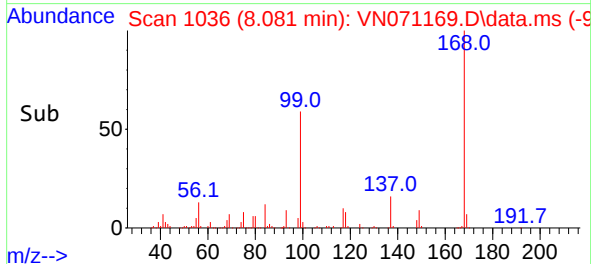
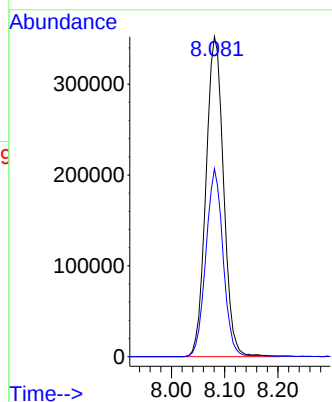


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN071169.D
Acq: 04 Mar 2022 15:17

Instrument :
MSVOA_N
ClientSampleId :

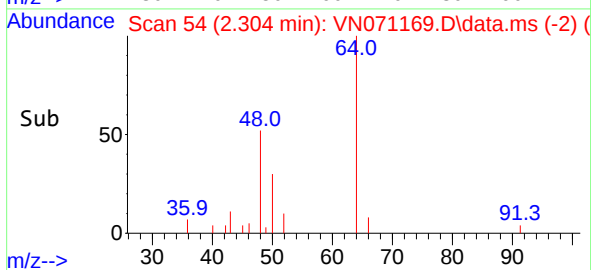
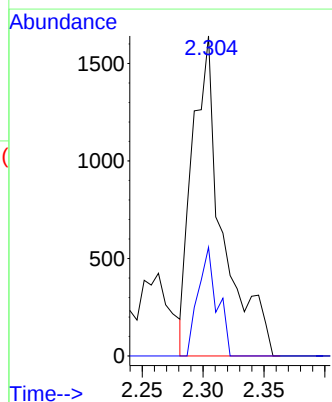
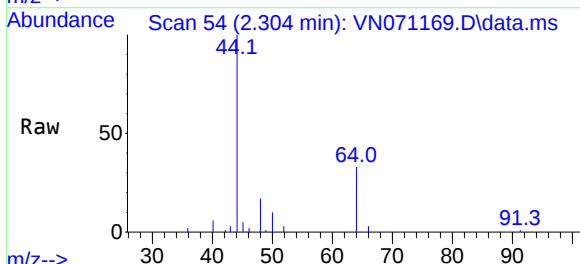


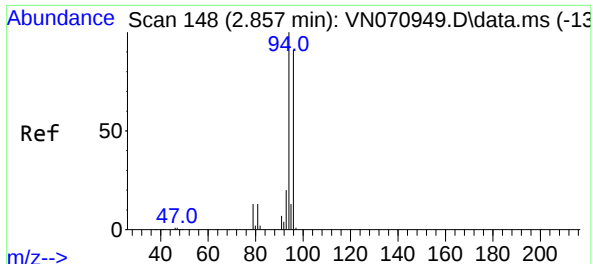
Tgt Ion:168 Resp: 809368
Ion Ratio Lower Upper
168 100
99 58.8 41.3 61.9



#3
Chloromethane
Concen: 0.268 ug/l
RT: 2.304 min Scan# 54
Delta R.T. 0.006 min
Lab File: VN071169.D
Acq: 04 Mar 2022 15:17

Tgt Ion: 50 Resp: 2832
Ion Ratio Lower Upper
50 100
52 33.9 25.4 38.0

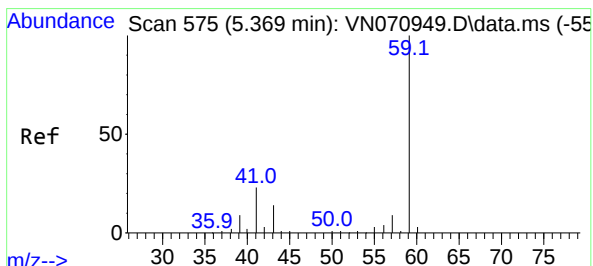
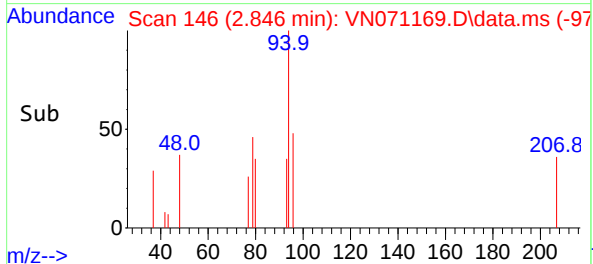
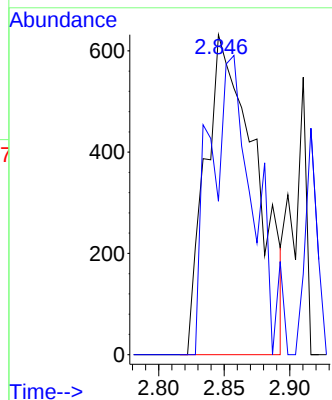
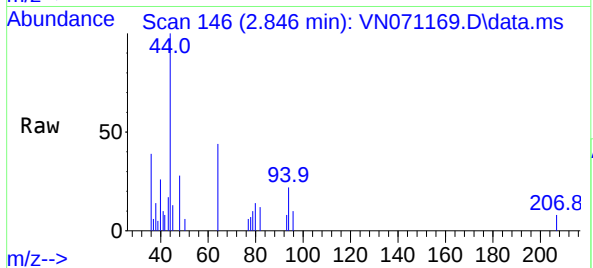




#5
Bromomethane
Concen: 0.279 ug/l
RT: 2.846 min Scan# 148
Delta R.T. -0.012 min
Lab File: VN071169.D
Acq: 04 Mar 2022 15:17

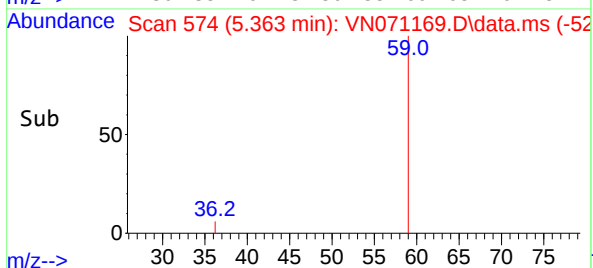
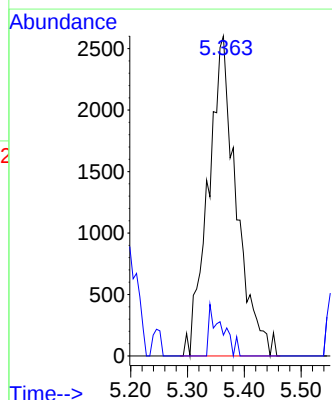
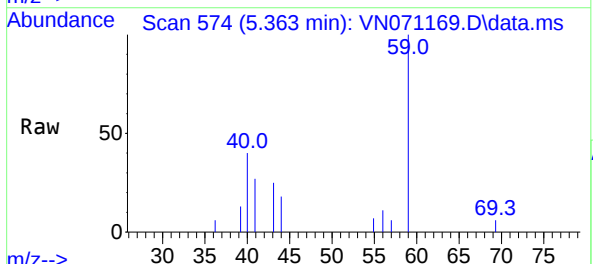
Instrument :
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ClientSampleId :

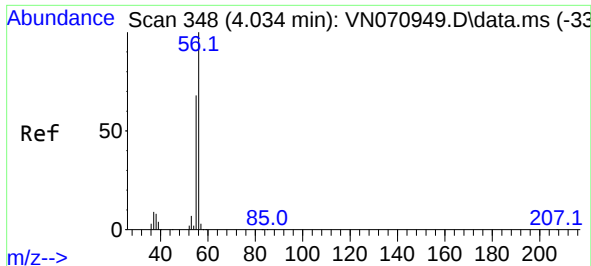
Tgt Ion: 94 Resp: 1679
Ion Ratio Lower Upper
94 100
96 47.9 73.8 110.8#



#11
Tert butyl alcohol
Concen: 5.333 ug/l
RT: 5.363 min Scan# 574
Delta R.T. -0.006 min
Lab File: VN071169.D
Acq: 04 Mar 2022 15:17

Tgt Ion: 59 Resp: 8985
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

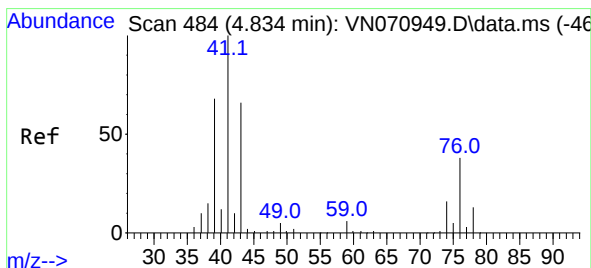
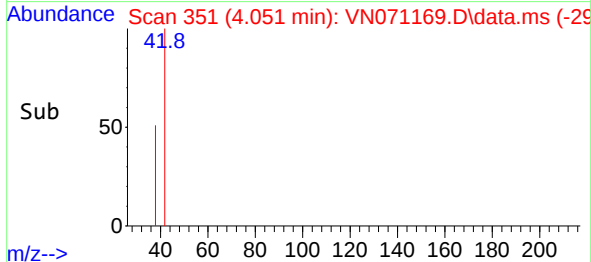
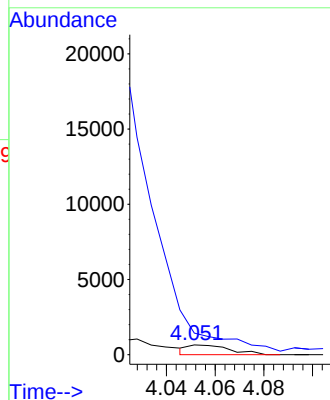
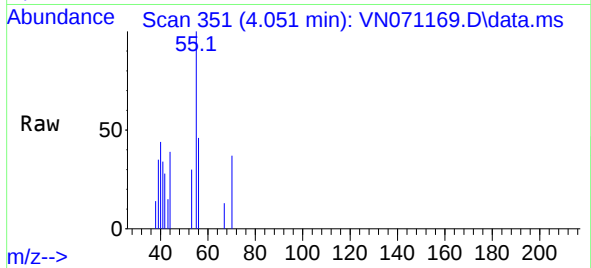




#13
Acrolein
Concen: 0.503 ug/l
RT: 4.051 min Scan# 31
Delta R.T. 0.017 min
Lab File: VN071169.D
Acq: 04 Mar 2022 15:17

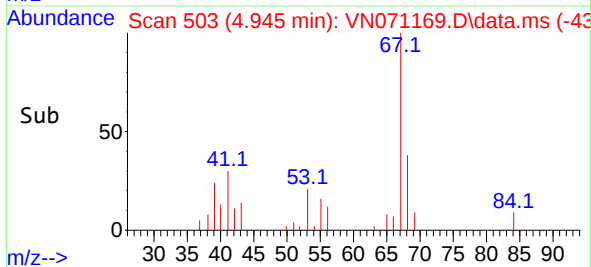
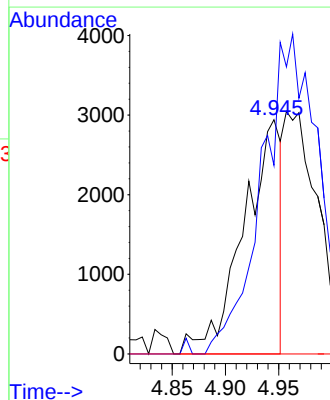
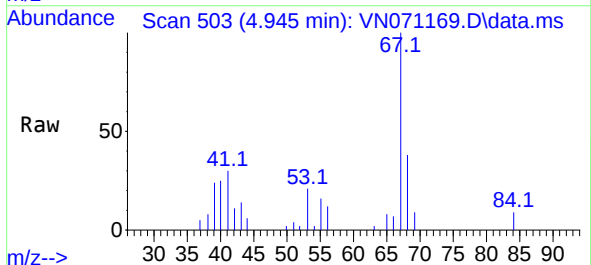
Instrument :
MSVOA_N
ClientSampleId :

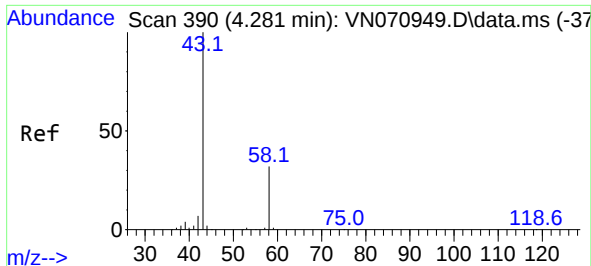
Tgt Ion: 56 Resp: 757
Ion Ratio Lower Upper
56 100
55 0.0 56.6 85.0#



#14
Allyl chloride
Concen: 0.476 ug/l
RT: 4.945 min Scan# 503
Delta R.T. 0.112 min
Lab File: VN071169.D
Acq: 04 Mar 2022 15:17

Tgt Ion: 41 Resp: 7188
Ion Ratio Lower Upper
41 100
39 208.8 61.2 91.8#
76 0.0 26.0 39.0#

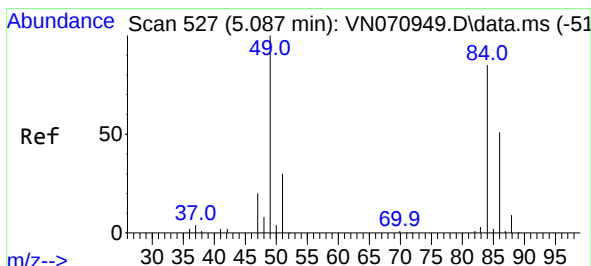
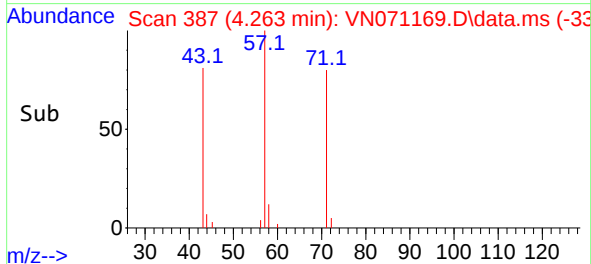
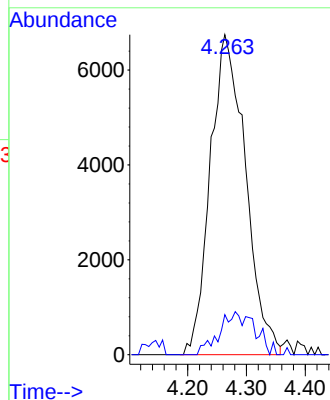
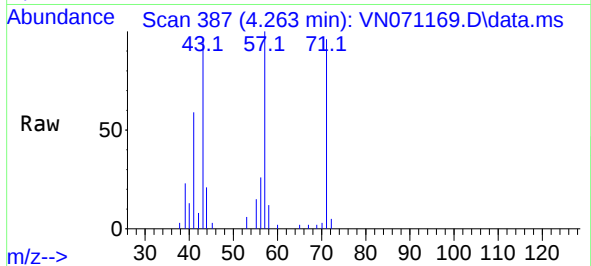




#16
Acetone
Concen: 5.517 ug/l
RT: 4.263 min Scan# 31
Delta R.T. -0.018 min
Lab File: VN071169.D
Acq: 04 Mar 2022 15:17

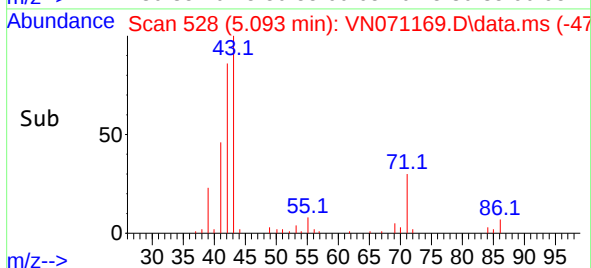
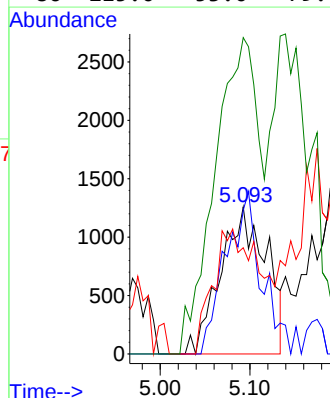
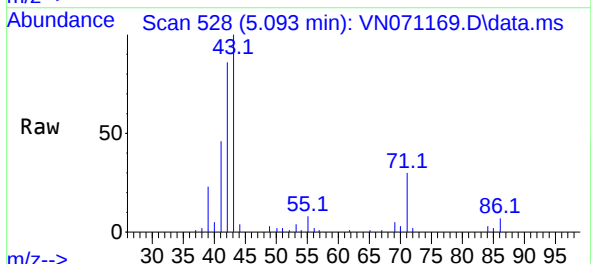
Instrument :
MSVOA_N
ClientSampleId :

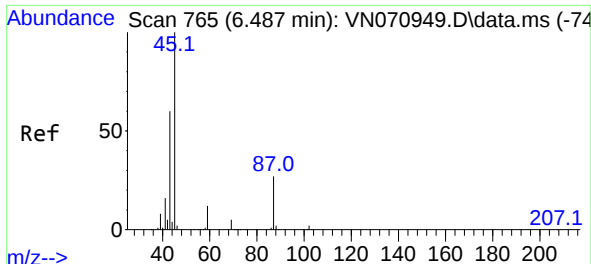
Tgt Ion: 43 Resp: 28091
Ion Ratio Lower Upper
43 100
58 12.5 23.1 34.7#



#20
Methylene Chloride
Concen: 0.481 ug/l
RT: 5.093 min Scan# 528
Delta R.T. 0.006 min
Lab File: VN071169.D
Acq: 04 Mar 2022 15:17

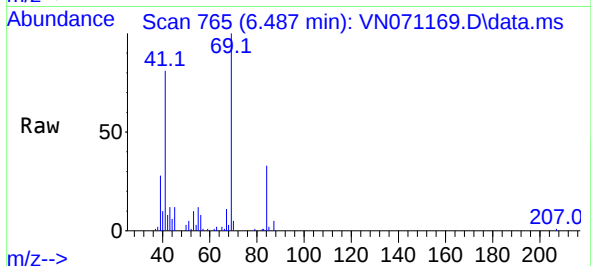
Tgt Ion: 84 Resp: 4450
Ion Ratio Lower Upper
84 100
49 97.7 93.5 140.3
51 72.3 29.4 44.2#
86 215.0 53.0 79.4#



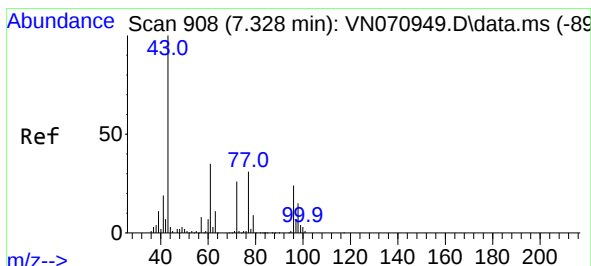
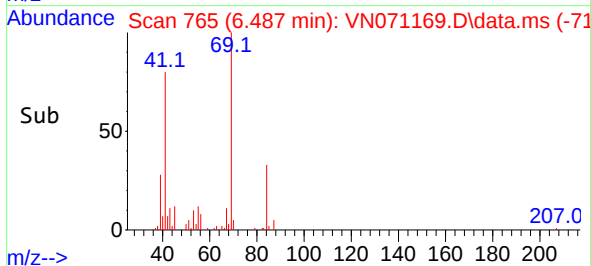
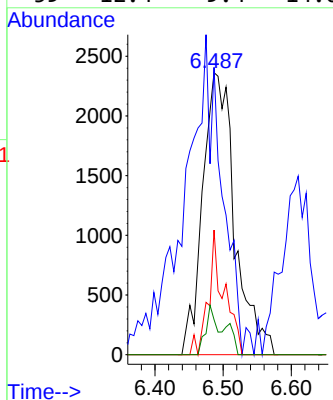


#22
Diisopropyl ether
Concen: 0.267 ug/l
RT: 6.487 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN071169.D
Acq: 04 Mar 2022 15:17

Instrument :
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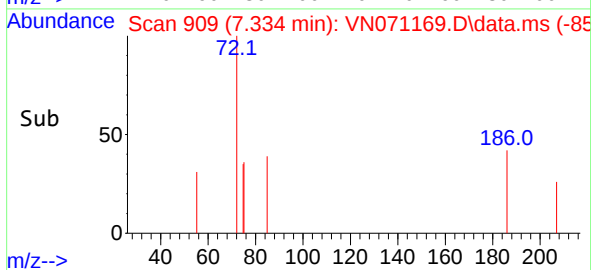
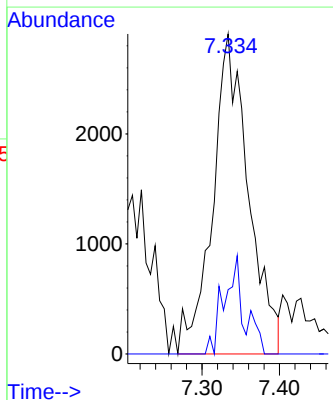
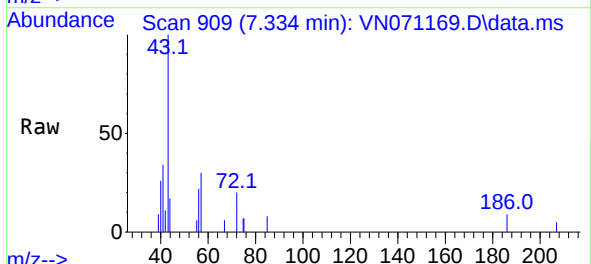


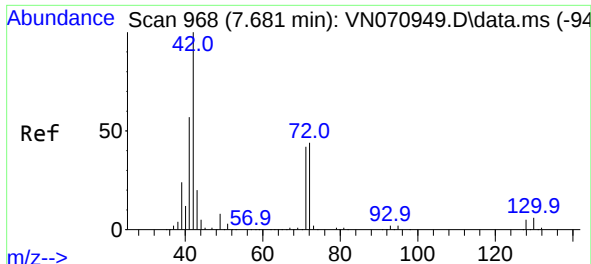
Tgt Ion:	45	Resp:	7738
Ion	Ratio	Lower	Upper
45	100		
43	73.3	51.7	77.5
87	44.2	23.2	34.8#
59	12.4	9.4	14.0



#25
2-Butanone
Concen: 1.382 ug/l
RT: 7.334 min Scan# 909
Delta R.T. 0.006 min
Lab File: VN071169.D
Acq: 04 Mar 2022 15:17

Tgt Ion:	43	Resp:	9359
Ion	Ratio	Lower	Upper
43	100		
72	20.1	21.7	32.5#





#29

Tetrahydrofuran

Concen: 0.508 ug/l

RT: 7.704 min Scan# 91

Delta R.T. 0.024 min

Lab File: VN071169.D

Acq: 04 Mar 2022 15:17

Instrument :

MSVOA_N

ClientSampleId :

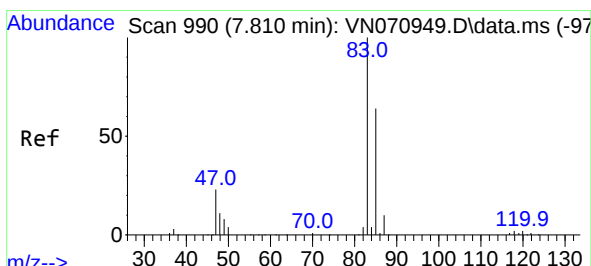
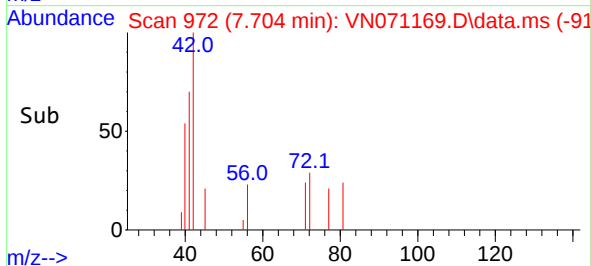
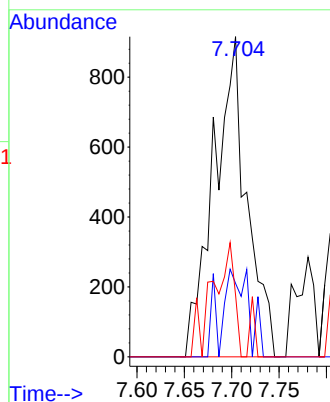
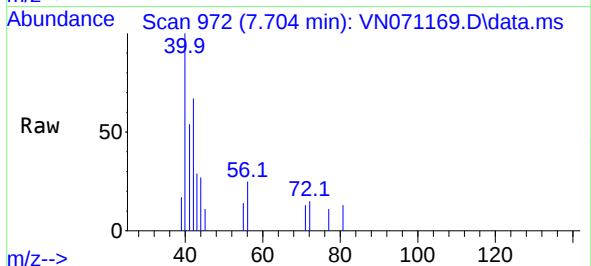
Tgt Ion: 42 Resp: 2227

Ion Ratio Lower Upper

42 100

72 19.2 36.3 54.5#

71 24.0 34.7 52.1#



#30

Chloroform

Concen: 0.225 ug/l

RT: 7.822 min Scan# 992

Delta R.T. 0.012 min

Lab File: VN071169.D

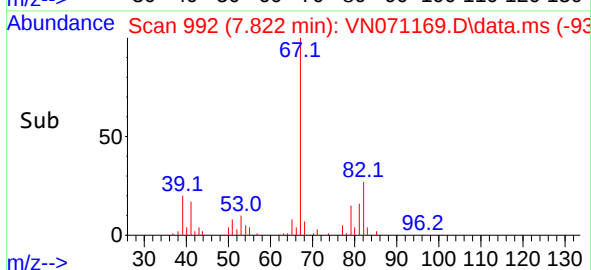
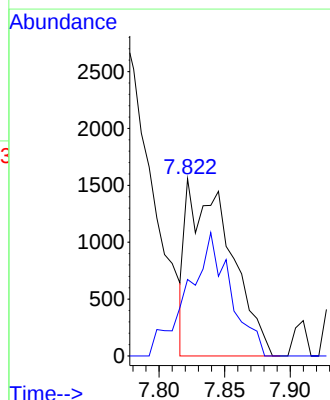
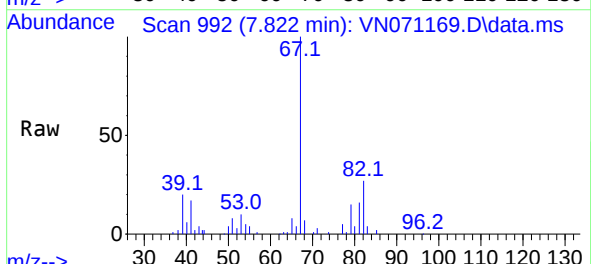
Acq: 04 Mar 2022 15:17

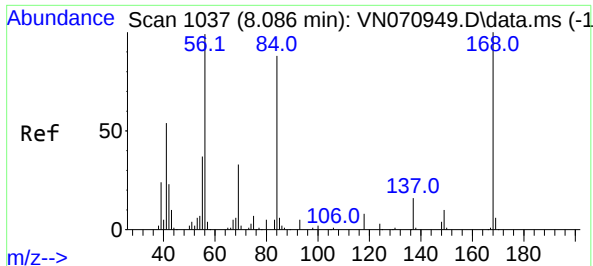
Tgt Ion: 83 Resp: 3588

Ion Ratio Lower Upper

83 100

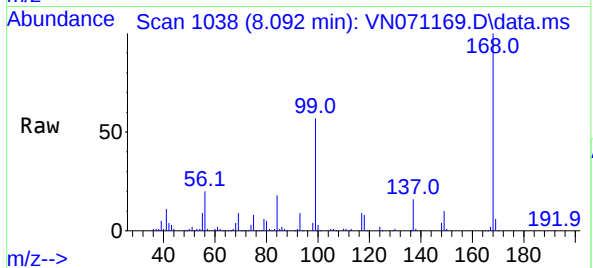
85 43.2 51.9 77.9#



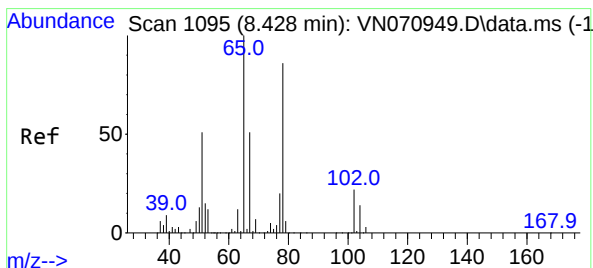
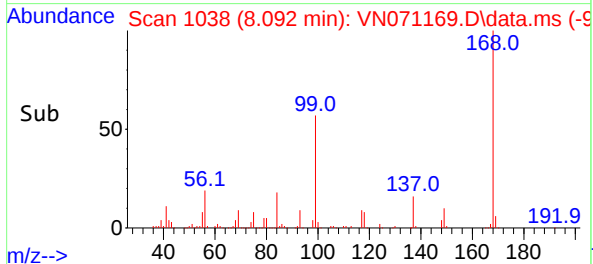
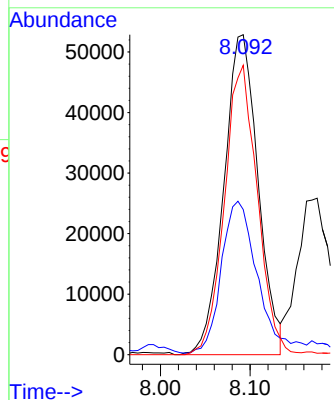


#31
Cyclohexane
Concen: 8.764 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VN071169.D
Acq: 04 Mar 2022 15:17

Instrument :
MSVOA_N
ClientSampleId :

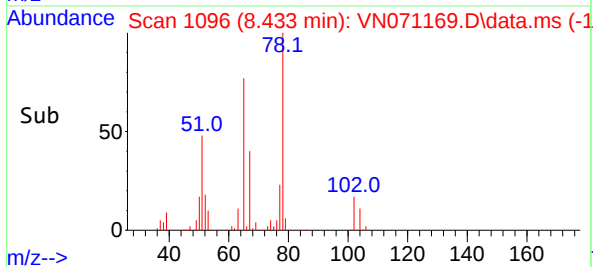
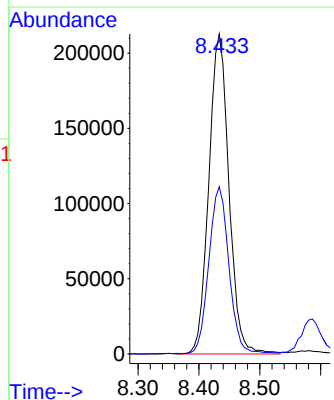
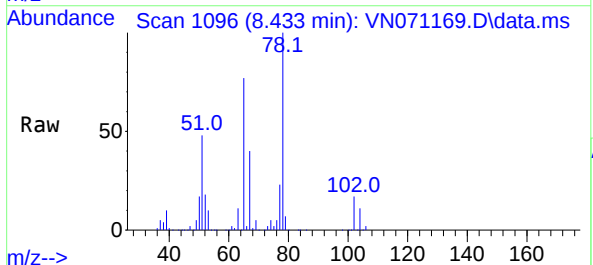


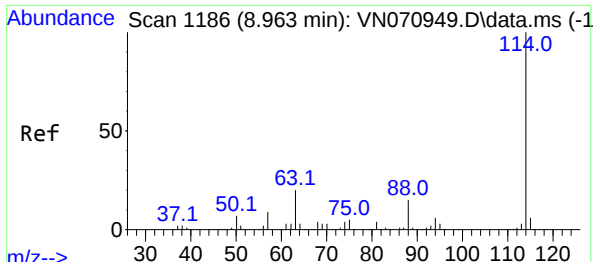
Tgt Ion: 56 Resp: 140134
Ion Ratio Lower Upper
56 100
69 44.7 27.1 40.7#
84 90.5 73.4 110.0



#33
1,2-Dichloroethane-d4
Concen: 52.738 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. 0.006 min
Lab File: VN071169.D
Acq: 04 Mar 2022 15:17

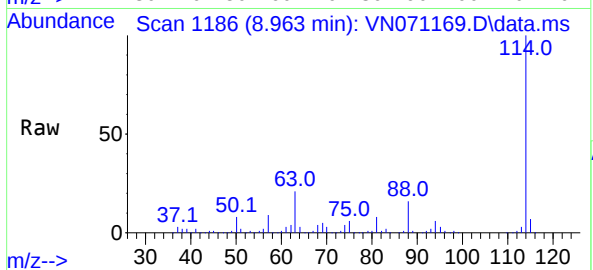
Tgt Ion: 65 Resp: 487590
Ion Ratio Lower Upper
65 100
67 51.8 0.0 103.0



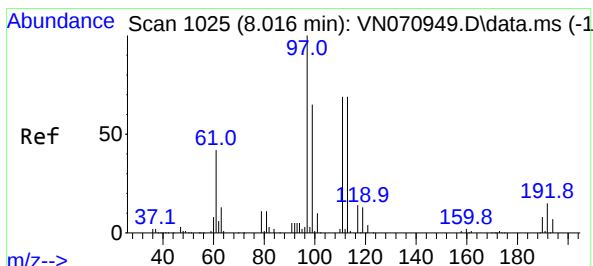
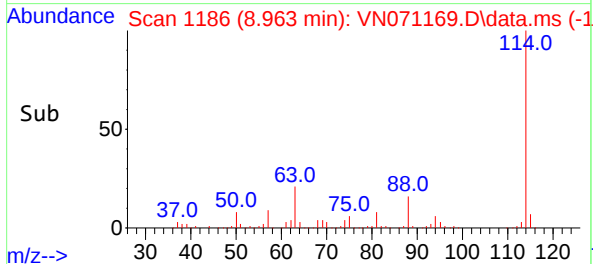
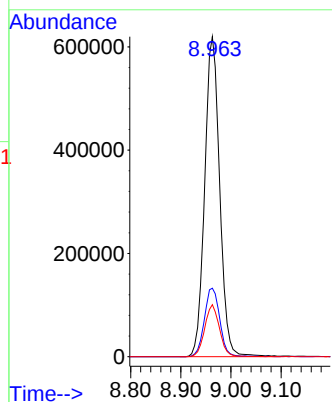


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071169.D
Acq: 04 Mar 2022 15:17

Instrument :
MSVOA_N
ClientSampleId :

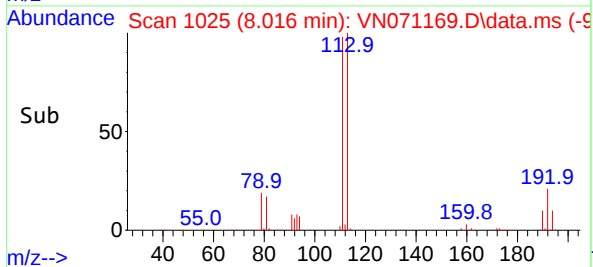
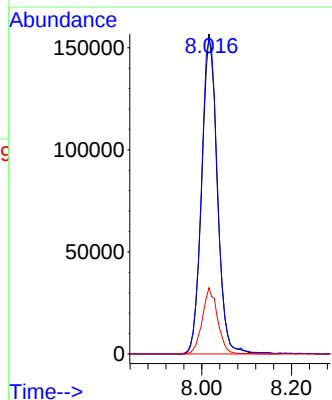
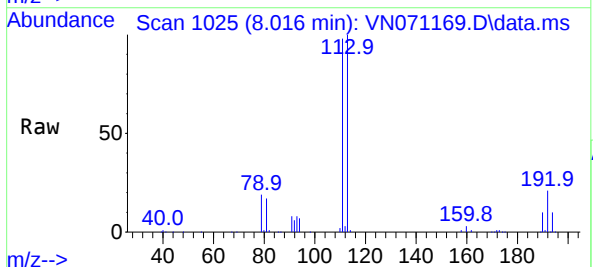


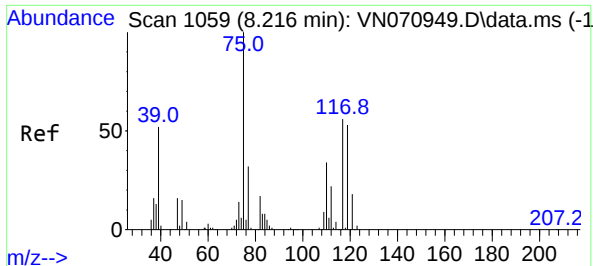
Tgt Ion:114 Resp: 1287567
Ion Ratio Lower Upper
114 100
63 21.4 0.0 37.8
88 16.2 0.0 27.4



#35
Dibromofluoromethane
Concen: 49.056 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN071169.D
Acq: 04 Mar 2022 15:17

Tgt Ion:113 Resp: 375695
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.2
192 20.3 16.9 25.3





#36

1,1-Dichloropropene

Concen: 5.048 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.135 min

Lab File: VN071169.D

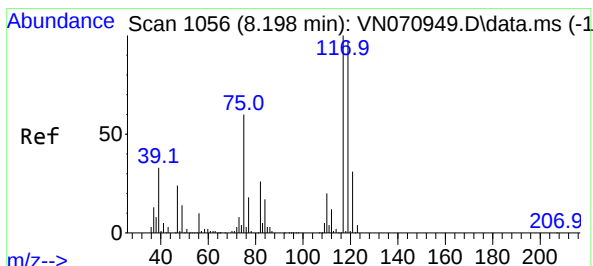
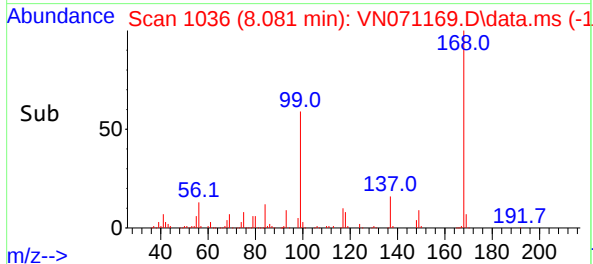
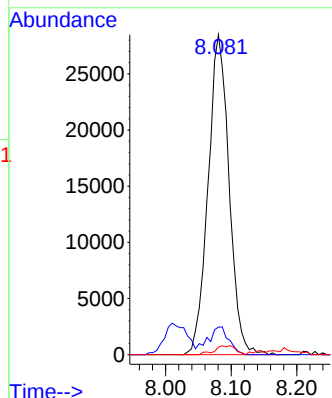
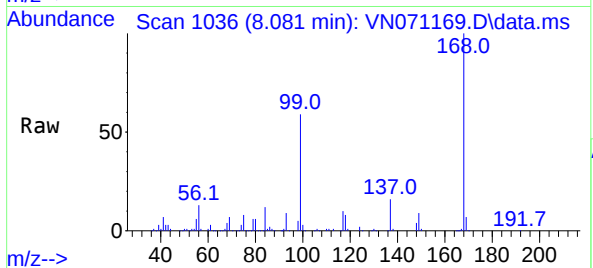
Acq: 04 Mar 2022 15:17

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	75	Resp:	63343
Ion Ratio	Lower	Upper	
75	100		
110	8.7	18.4	55.2#
77	0.0	24.4	36.6#



#38

Carbon Tetrachloride

Concen: 6.261 ug/l

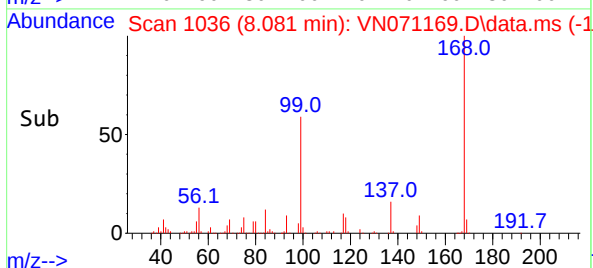
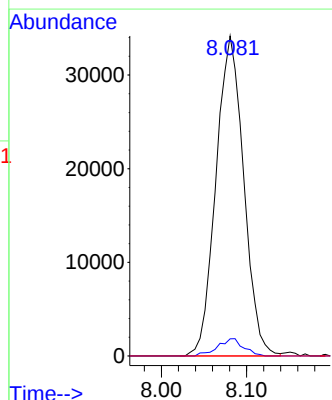
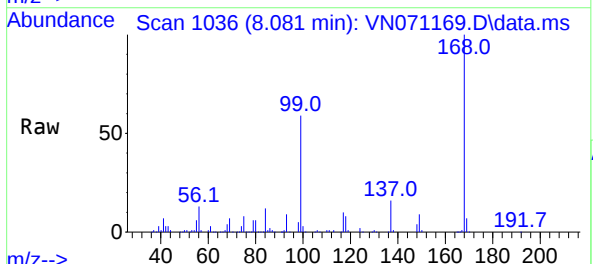
RT: 8.081 min Scan# 1036

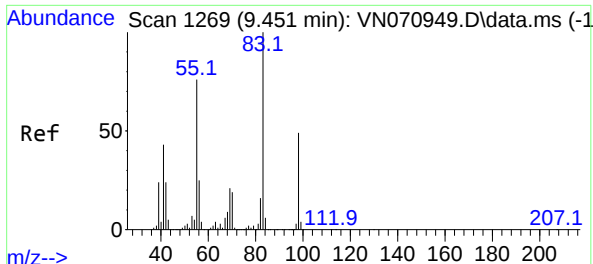
Delta R.T. -0.118 min

Lab File: VN071169.D

Acq: 04 Mar 2022 15:17

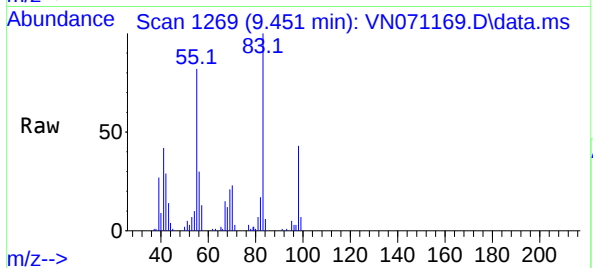
Tgt Ion:	117	Resp:	77398
Ion Ratio	Lower	Upper	
117	100		
119	5.3	76.1	114.1#
121	0.0	24.2	36.2#



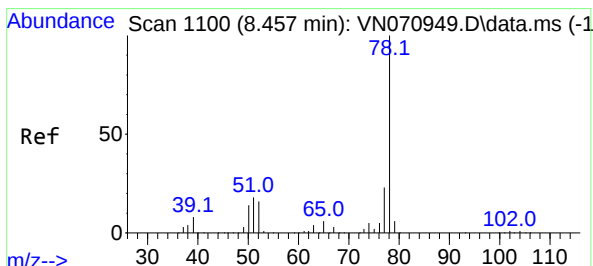
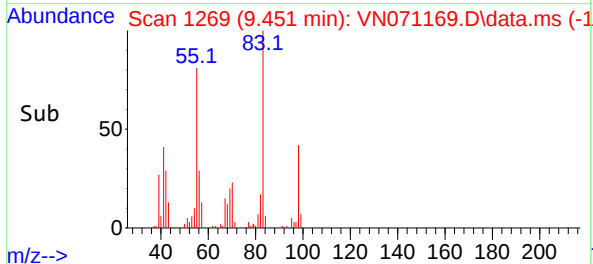
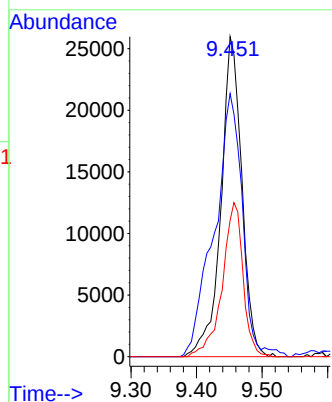


#39
Methylcyclohexane
Concen: 3.545 ug/l
RT: 9.451 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071169.D
Acq: 04 Mar 2022 15:17

Instrument :
MSVOA_N
ClientSampleId :

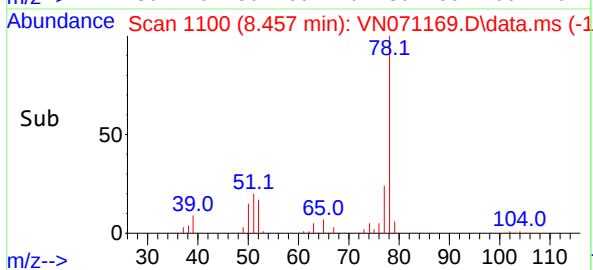
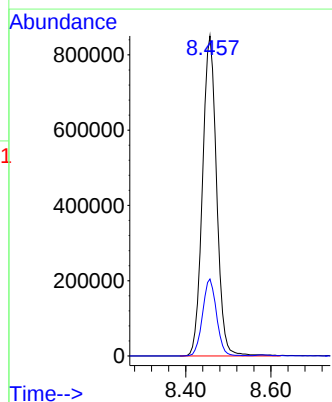
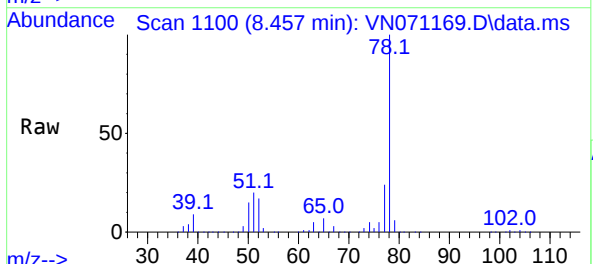


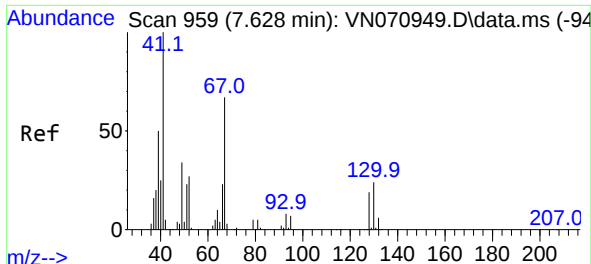
Tgt Ion: 83 Resp: 57236
Ion Ratio Lower Upper
83 100
55 82.2 58.1 87.1
98 42.6 38.4 57.6



#40
Benzene
Concen: 52.742 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071169.D
Acq: 04 Mar 2022 15:17

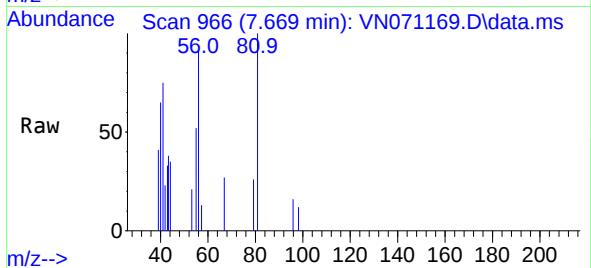
Tgt Ion: 78 Resp: 1957499
Ion Ratio Lower Upper
78 100
77 24.0 18.6 27.8



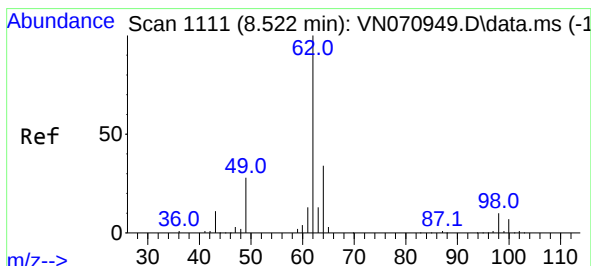
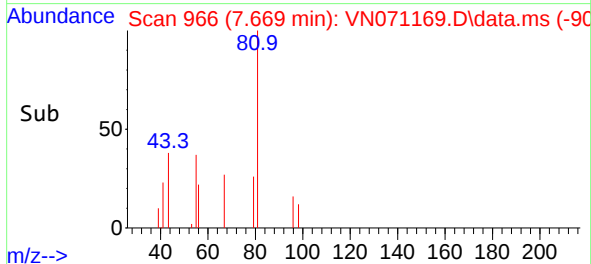
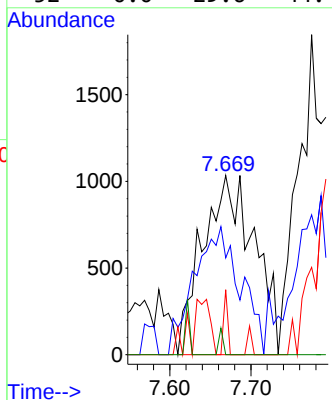


#41
Methacrylonitrile
Concen: 0.648 ug/l
RT: 7.669 min Scan# 90
Delta R.T. 0.041 min
Lab File: VN071169.D
Acq: 04 Mar 2022 15:17

Instrument :
MSVOA_N
ClientSampleId :

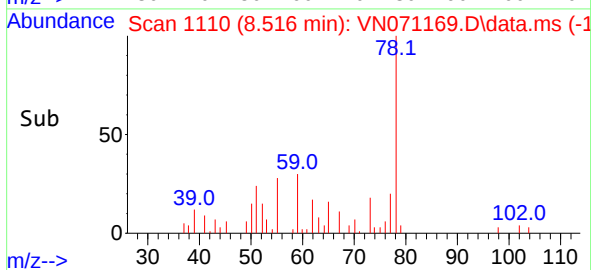
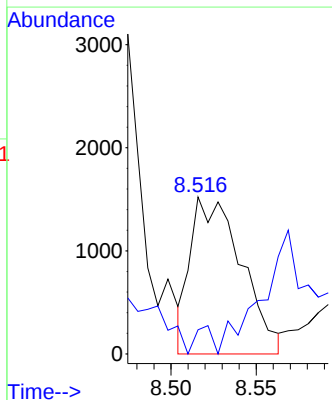
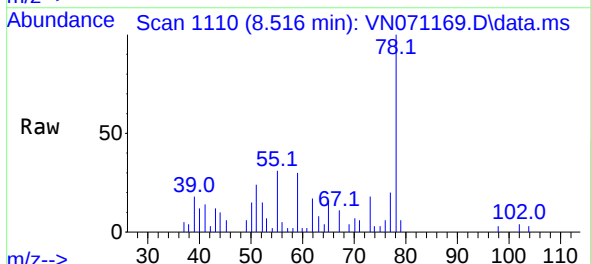


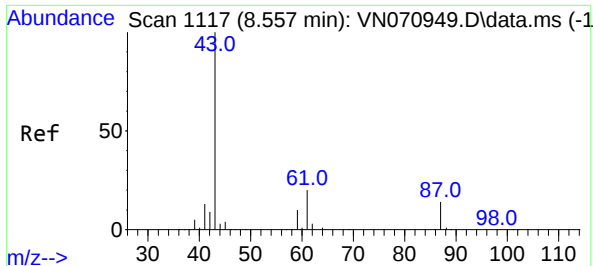
Tgt Ion: 41	Resp: 4591
Ion Ratio	Lower Upper
41 100	
39 53.4	48.1 72.1
67 0.0	68.3 102.5#
52 0.0	29.6 44.4#



#42
1,2-Dichloroethane
Concen: 0.251 ug/l
RT: 8.516 min Scan# 1110
Delta R.T. -0.006 min
Lab File: VN071169.D
Acq: 04 Mar 2022 15:17

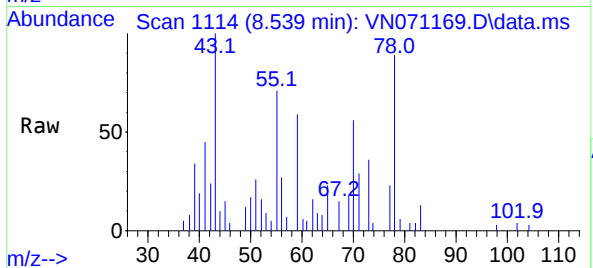
Tgt Ion: 62	Resp: 3168
Ion Ratio	Lower Upper
62 100	
98 5.7	0.0 17.6



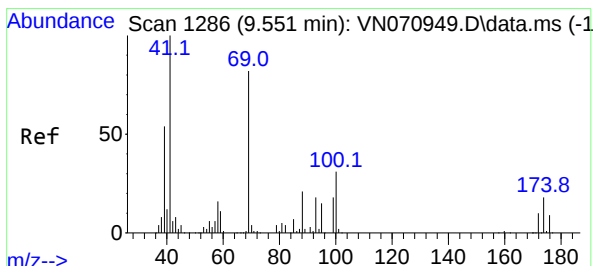
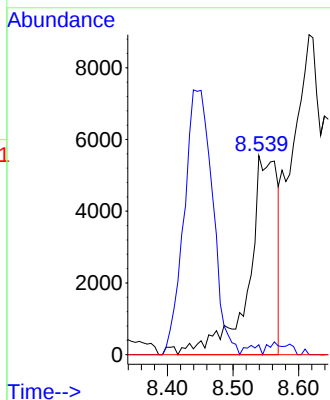
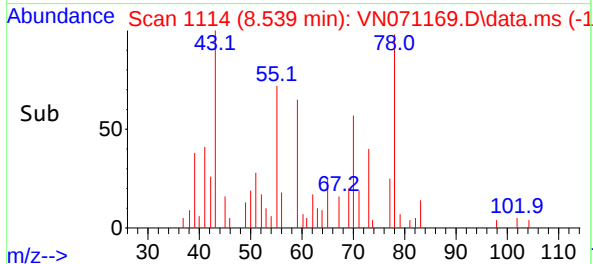


#43
Isopropyl Acetate
Concen: 0.792 ug/l
RT: 8.539 min Scan# 1114
Delta R.T. -0.018 min
Lab File: VN071169.D
Acq: 04 Mar 2022 15:17

Instrument :
MSVOA_N
ClientSampleId :

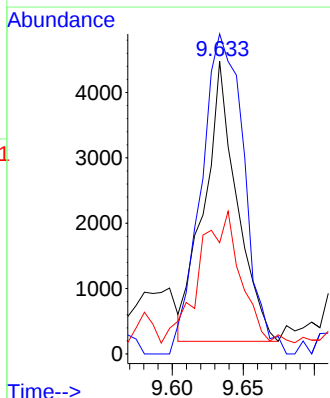
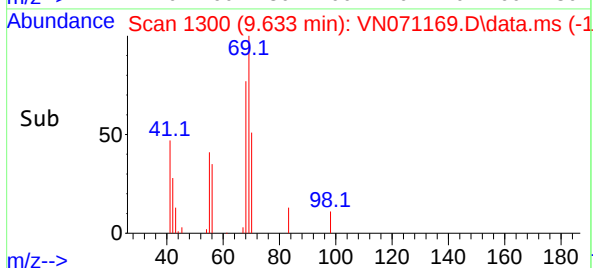
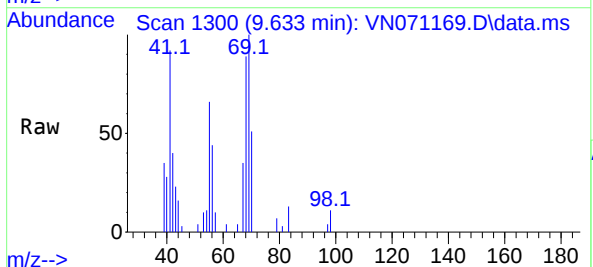


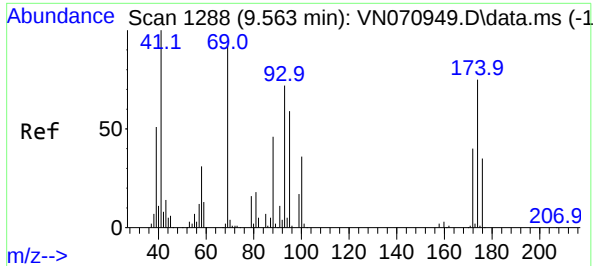
Tgt Ion: 43 Resp: 16790
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#



#48
Methyl methacrylate
Concen: 0.685 ug/l
RT: 9.633 min Scan# 1300
Delta R.T. 0.082 min
Lab File: VN071169.D
Acq: 04 Mar 2022 15:17

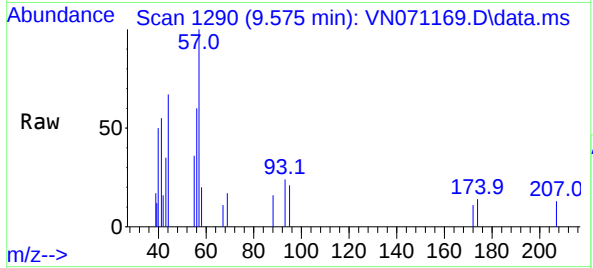
Tgt Ion: 41 Resp: 6873
Ion Ratio Lower Upper
41 100
69 150.4 72.4 108.6#
39 59.5 58.4 87.6



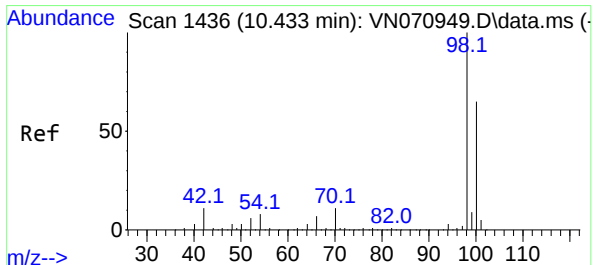
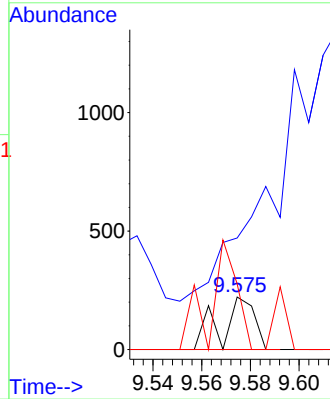
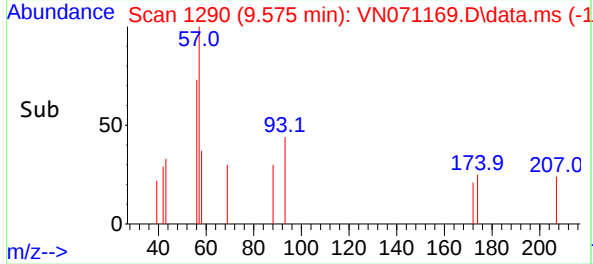


#49
1,4-Dioxane
Concen: 1.172 ug/l
RT: 9.575 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN071169.D
Acq: 04 Mar 2022 15:17

Instrument :
MSVOA_N
ClientSampleId :

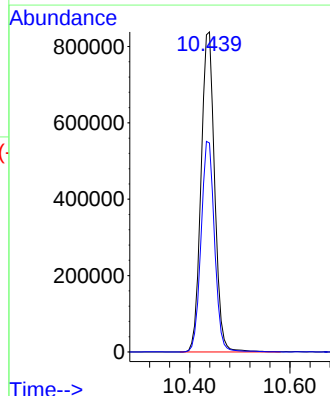
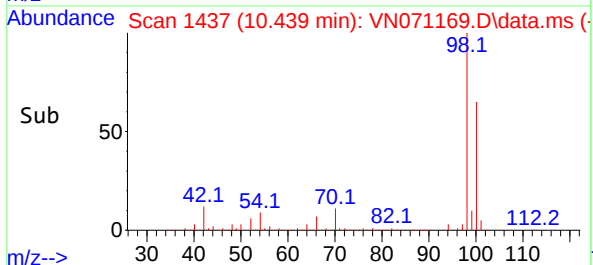
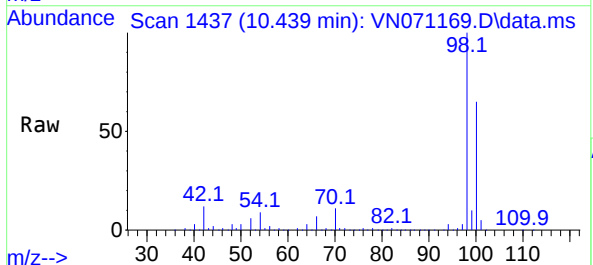


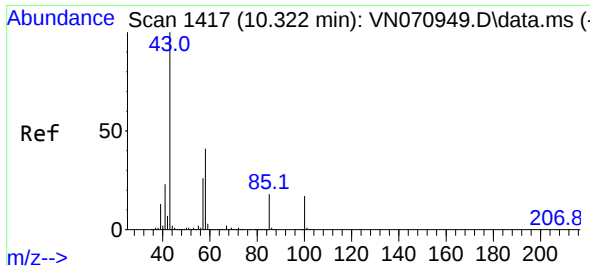
Tgt Ion: 88 Resp: 209
Ion Ratio Lower Upper
88 100
43 0.0 23.4 35.2#
58 171.3 50.6 75.8#



#50
Toluene-d8
Concen: 51.189 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.006 min
Lab File: VN071169.D
Acq: 04 Mar 2022 15:17

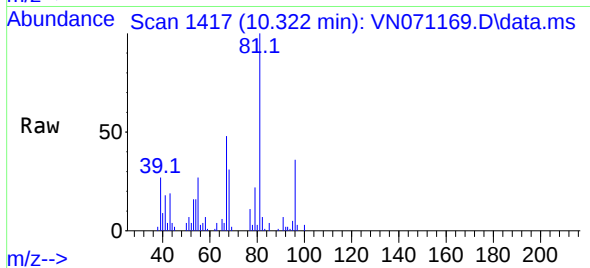
Tgt Ion: 98 Resp: 1574356
Ion Ratio Lower Upper
98 100
100 65.6 50.4 75.6



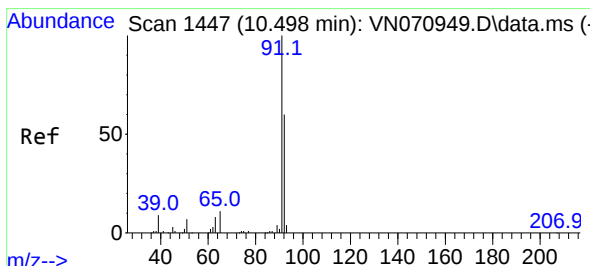
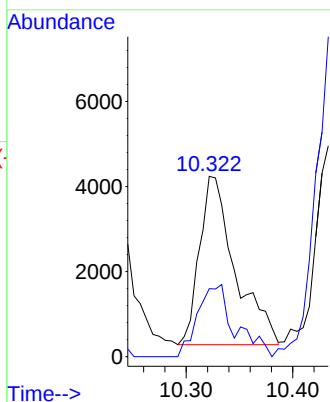
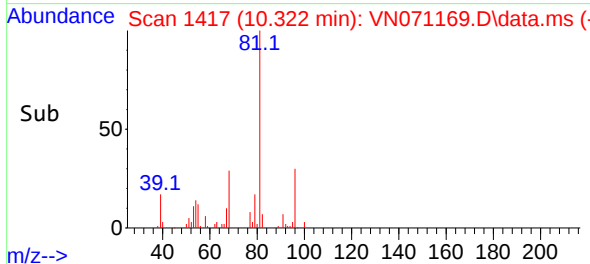


#51
4-Methyl-2-Pentanone
Concen: 0.716 ug/l
RT: 10.322 min Scan# 1417
Delta R.T. -0.000 min
Lab File: VN071169.D
Acq: 04 Mar 2022 15:17

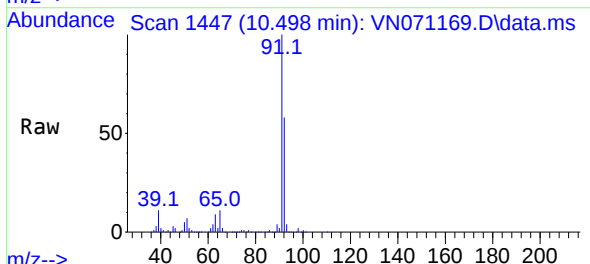
Instrument :
MSVOA_N
ClientSampleId :



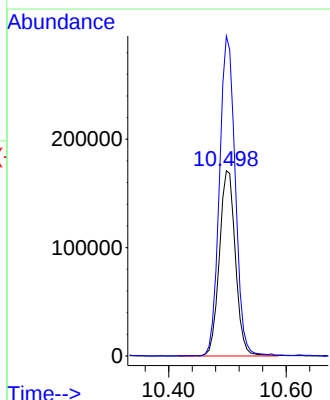
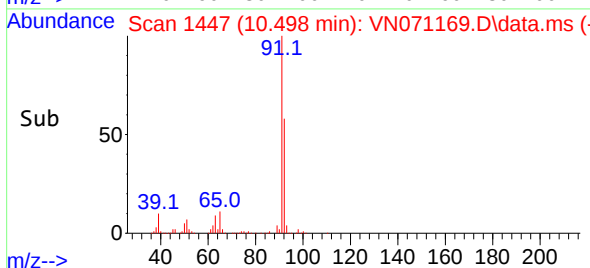
Tgt Ion: 43 Resp: 9234
Ion Ratio Lower Upper
43 100
58 34.9 30.4 45.6

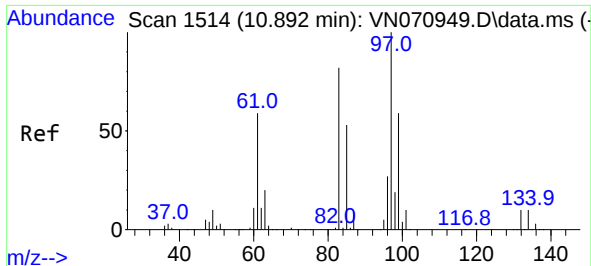


#52
Toluene
Concen: 13.837 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN071169.D
Acq: 04 Mar 2022 15:17



Tgt Ion: 92 Resp: 322706
Ion Ratio Lower Upper
92 100
91 171.4 142.0 213.0

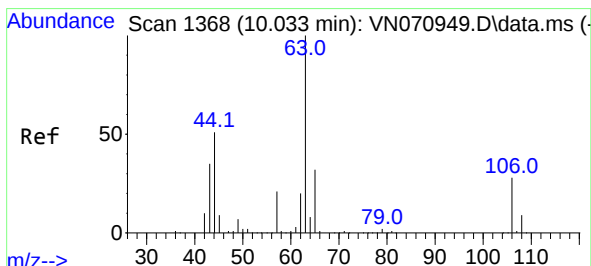
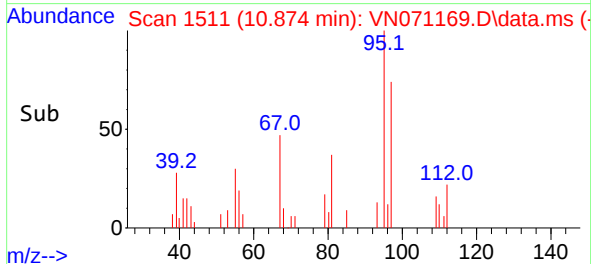
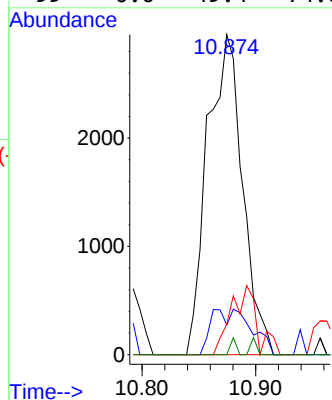
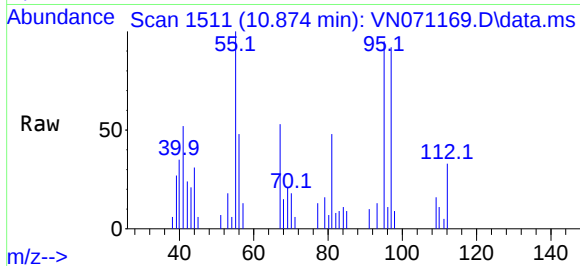




#55
1,1,2-Trichloroethane
Concen: 0.696 ug/l
RT: 10.874 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN071169.D
Acq: 04 Mar 2022 15:17

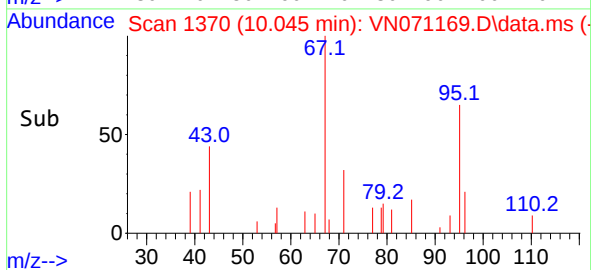
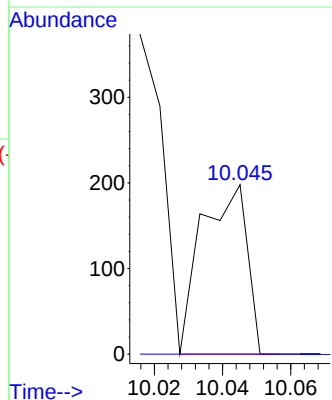
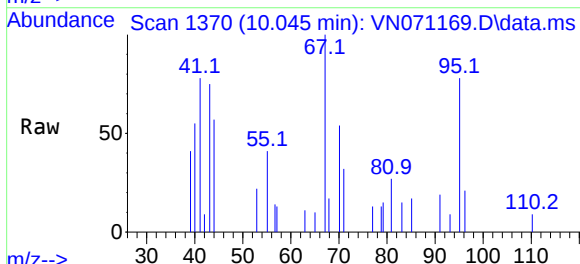
Instrument :
MSVOA_N
ClientSampleId :

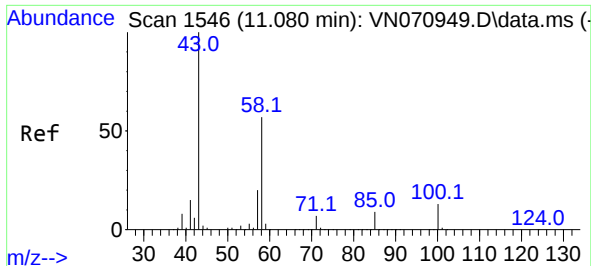
Tgt Ion:	97	Resp:	6358
Ion	Ratio	Lower	Upper
97	100		
83	9.3	67.8	101.6#
85	9.5	45.4	68.2#
99	0.0	49.4	74.0#



#58
2-Chloroethyl Vinyl ether
Concen: 31.853 ug/l
RT: 10.045 min Scan# 1370
Delta R.T. 0.012 min
Lab File: VN071169.D
Acq: 04 Mar 2022 15:17

Tgt Ion:	63	Resp:	183
Ion	Ratio	Lower	Upper
63	100		
106	0.0	23.9	35.9#

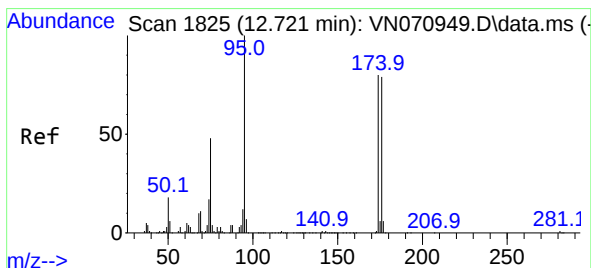
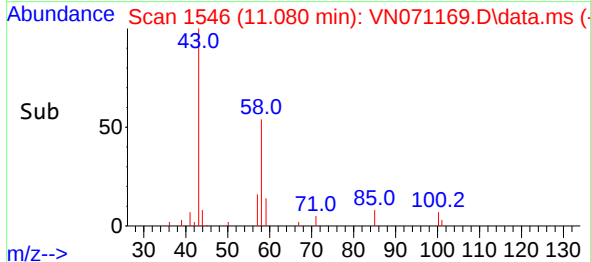
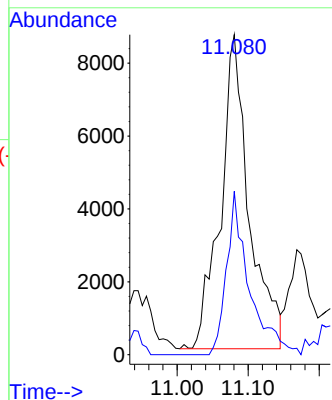
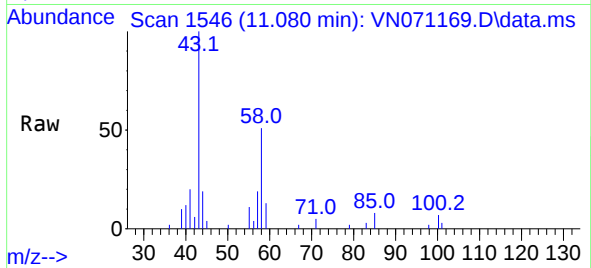




#59
2-Hexanone
Concen: 2.726 ug/l
RT: 11.080 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN071169.D
Acq: 04 Mar 2022 15:17

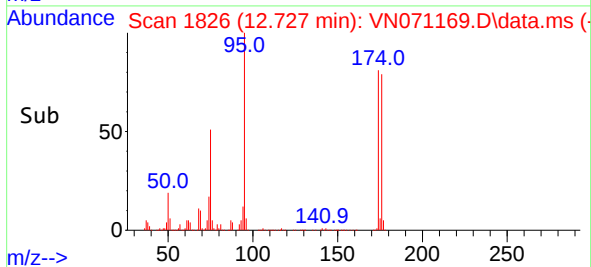
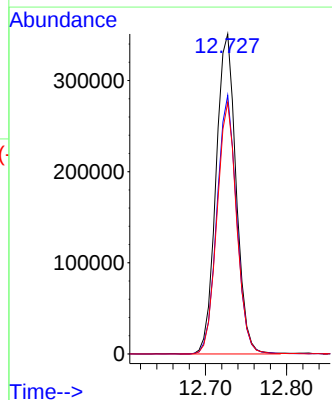
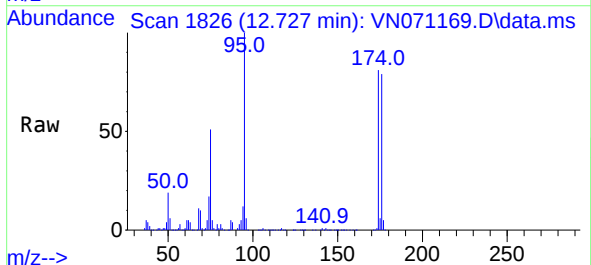
Instrument :
MSVOA_N
ClientSampleId :

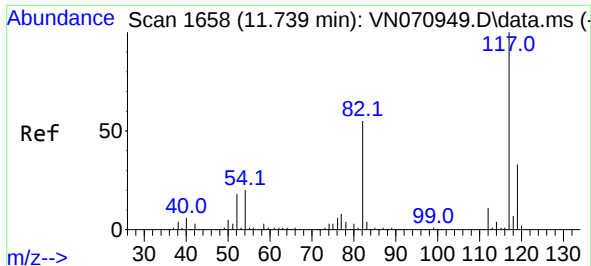
Tgt Ion: 43 Resp: 24191
Ion Ratio Lower Upper
43 100
58 40.8 26.9 80.7



#62
4-Bromofluorobenzene
Concen: 54.869 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN071169.D
Acq: 04 Mar 2022 15:17

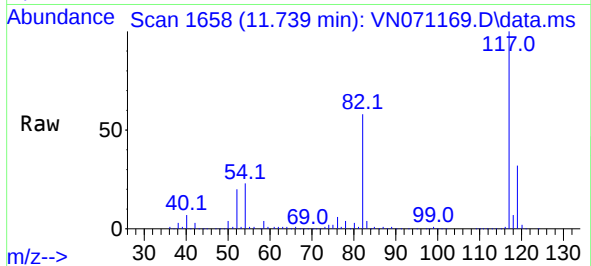
Tgt Ion: 95 Resp: 603200
Ion Ratio Lower Upper
95 100
174 79.2 0.0 187.2
176 77.1 0.0 181.4



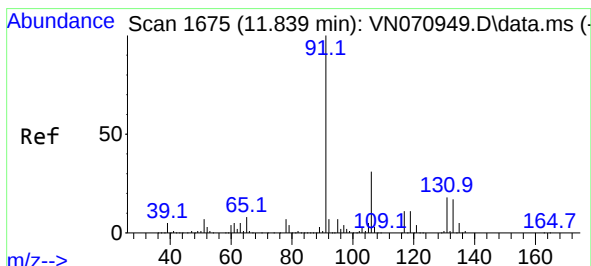
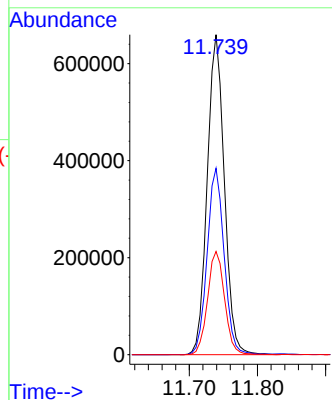
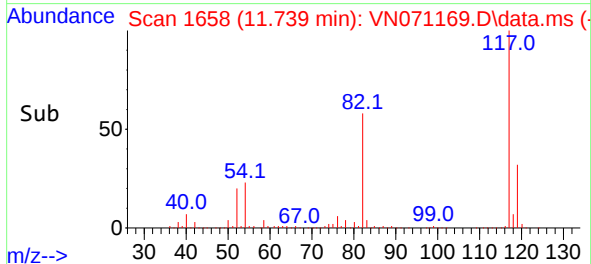


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN071169.D
Acq: 04 Mar 2022 15:17

Instrument :
MSVOA_N
ClientSampleId :

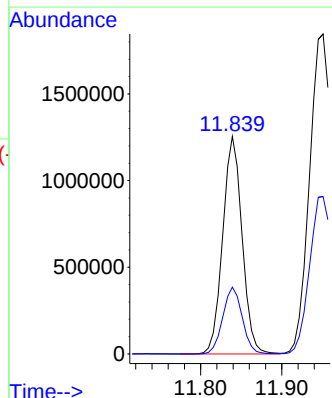
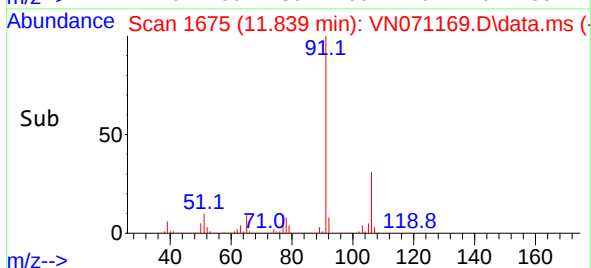
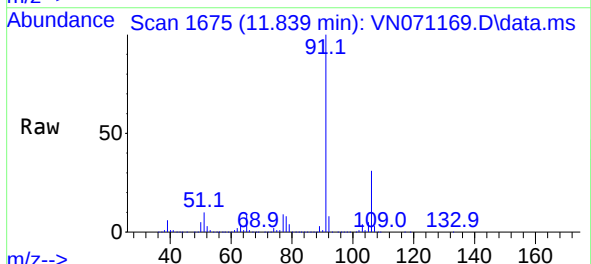


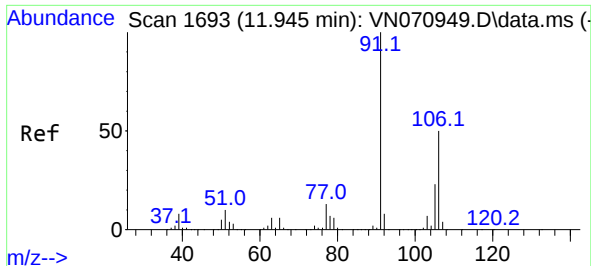
Tgt Ion:117 Resp: 1152531
Ion Ratio Lower Upper
117 100
82 58.2 42.4 63.6
119 32.3 25.4 38.2



#67
Ethyl Benzene
Concen: 47.857 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN071169.D
Acq: 04 Mar 2022 15:17

Tgt Ion: 91 Resp: 2080232
Ion Ratio Lower Upper
91 100
106 30.7 25.7 38.5

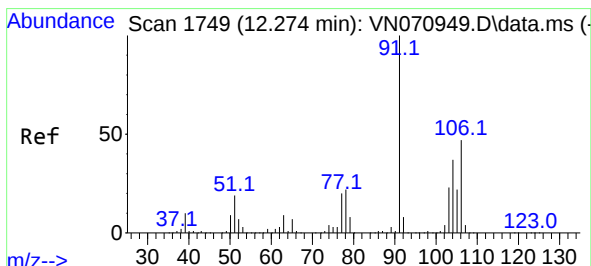
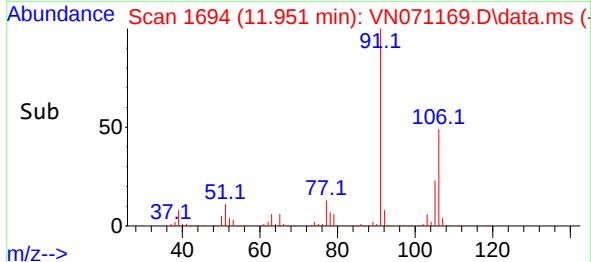
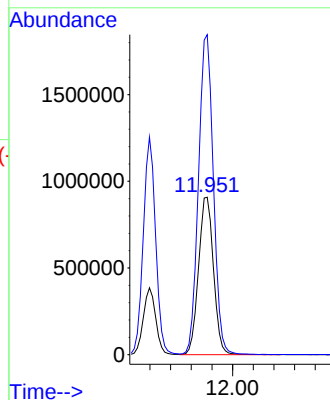
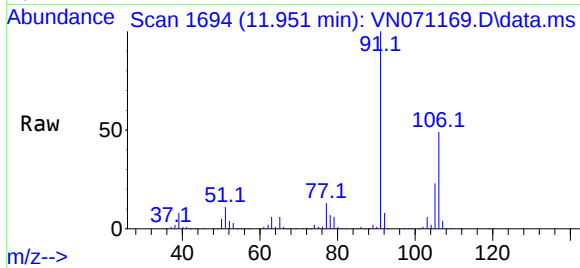




#68
m/p-Xylenes
Concen: 108.394 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VN071169.D
Acq: 04 Mar 2022 15:17

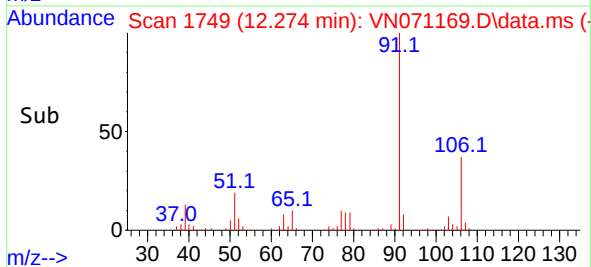
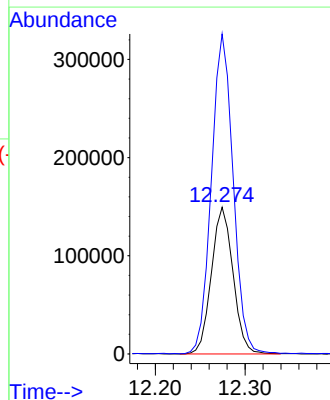
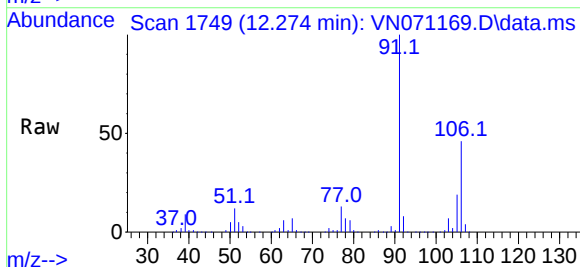
Instrument :
MSVOA_N
ClientSampleId :

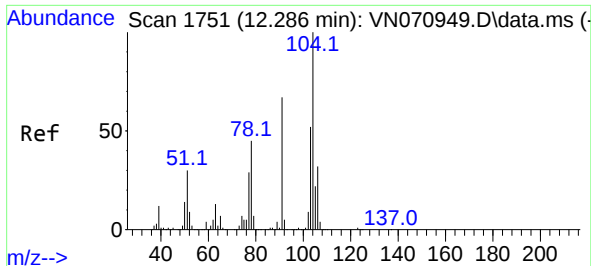
Tgt Ion:106 Resp: 1819954
Ion Ratio Lower Upper
106 100
91 202.5 160.6 240.8



#69
o-Xylene
Concen: 15.261 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN071169.D
Acq: 04 Mar 2022 15:17

Tgt Ion:106 Resp: 250300
Ion Ratio Lower Upper
106 100
91 218.9 105.8 317.3

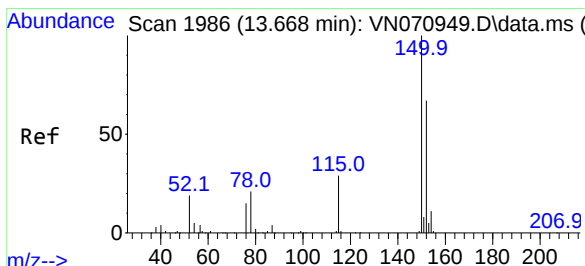
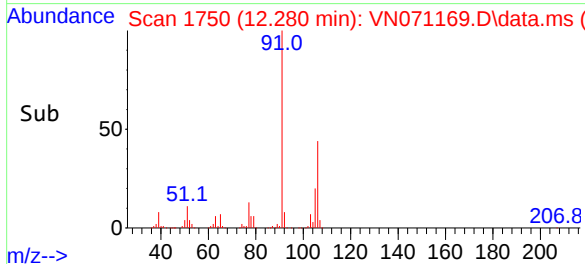
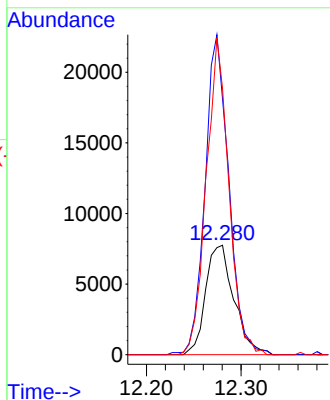
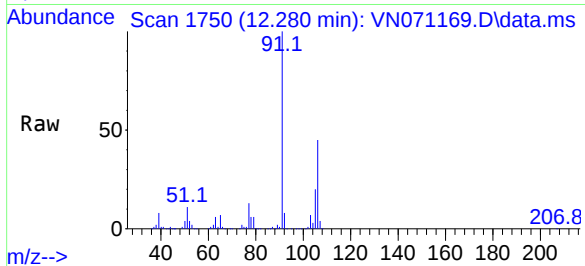




#70
Styrene
Concen: 0.618 ug/l
RT: 12.280 min Scan# 1751
Delta R.T. -0.006 min
Lab File: VN071169.D
Acq: 04 Mar 2022 15:17

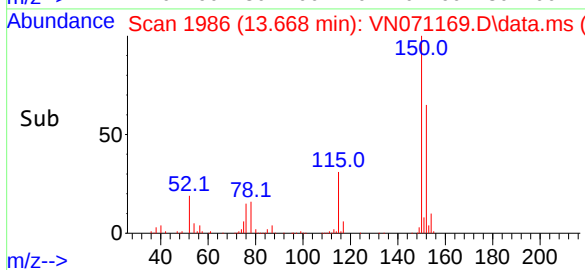
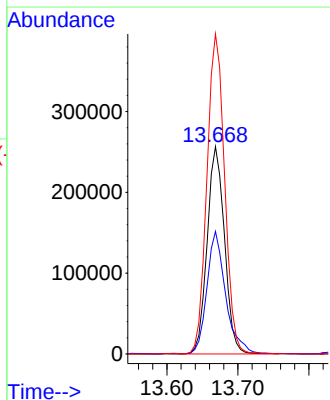
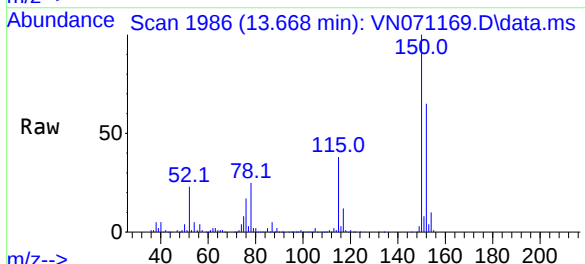
Instrument :
MSVOA_N
ClientSampleId :

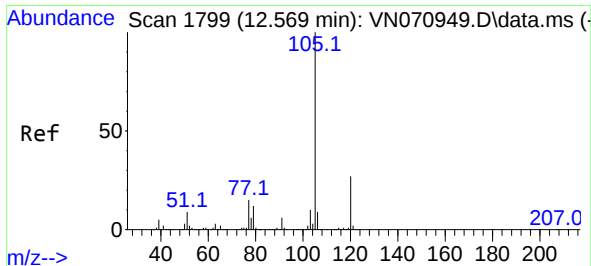
Tgt Ion:104 Resp: 16112
Ion Ratio Lower Upper
104 100
78 245.4 38.7 58.1#
103 231.0 45.0 67.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN071169.D
Acq: 04 Mar 2022 15:17

Tgt Ion:152 Resp: 436431
Ion Ratio Lower Upper
152 100
115 64.3 27.5 82.5
150 156.8 0.0 344.4

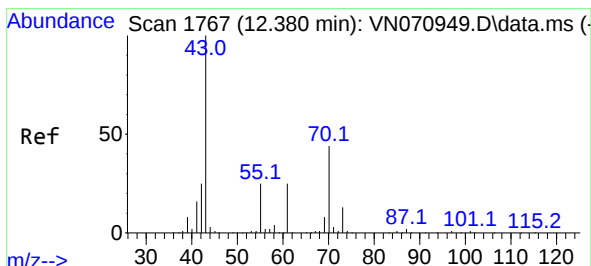
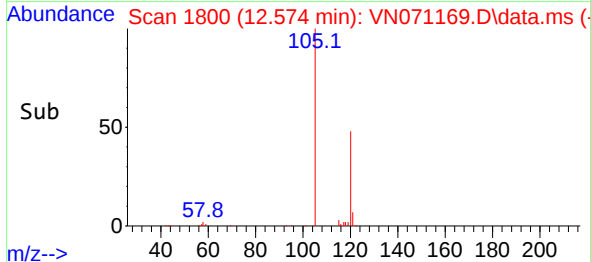
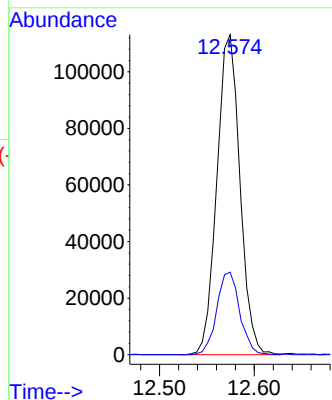
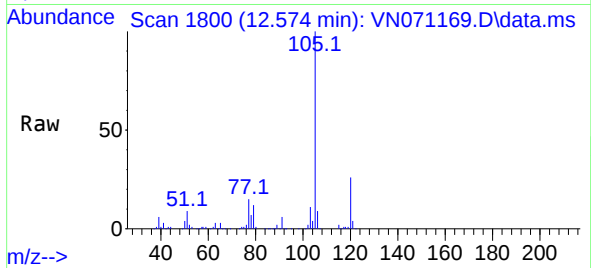




#73
Isopropylbenzene
Concen: 5.455 ug/l
RT: 12.574 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN071169.D
Acq: 04 Mar 2022 15:17

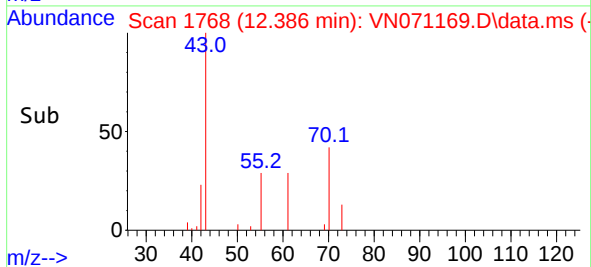
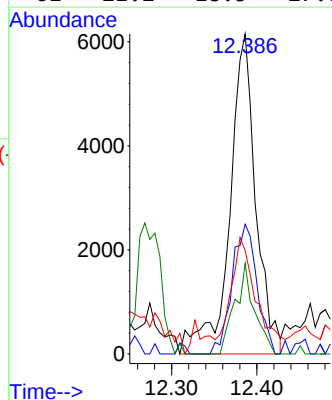
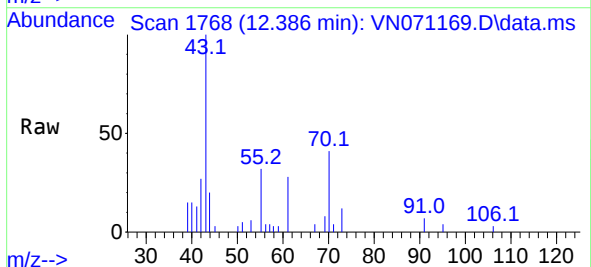
Instrument :
MSVOA_N
ClientSampleId :

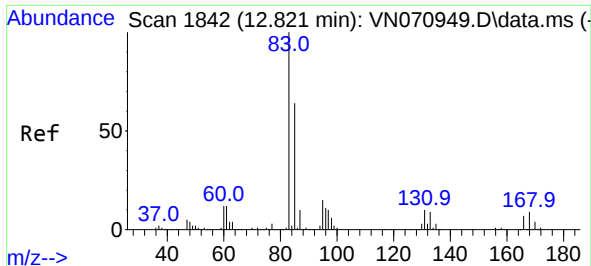
Tgt Ion:105 Resp: 191615
Ion Ratio Lower Upper
105 100
120 25.6 13.4 40.1



#74
N-amy1 acetate
Concen: 1.170 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.006 min
Lab File: VN071169.D
Acq: 04 Mar 2022 15:17

Tgt Ion: 43 Resp: 13139
Ion Ratio Lower Upper
43 100
70 38.6 33.4 50.0
55 36.4 19.3 28.9#
61 21.2 18.5 27.7

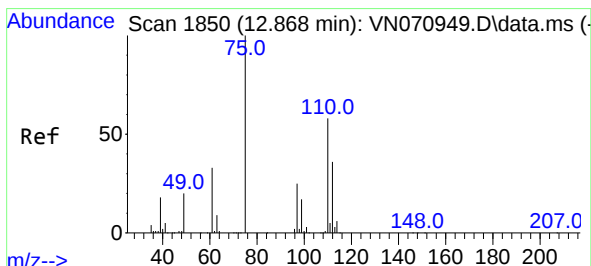
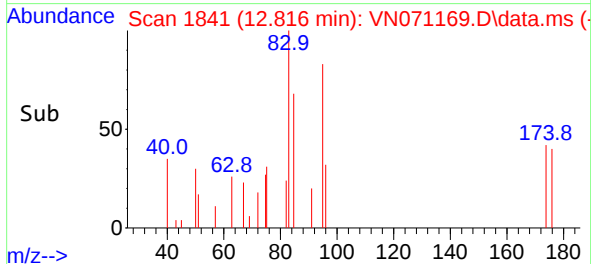
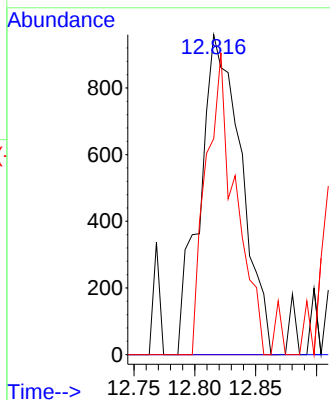
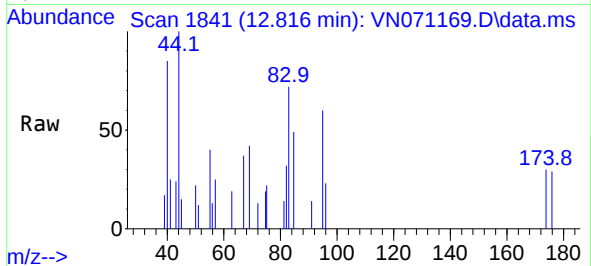




#75
1,1,2,2-Tetrachloroethane
Concen: 0.204 ug/l
RT: 12.816 min Scan# 1842
Delta R.T. -0.006 min
Lab File: VN071169.D
Acq: 04 Mar 2022 15:17

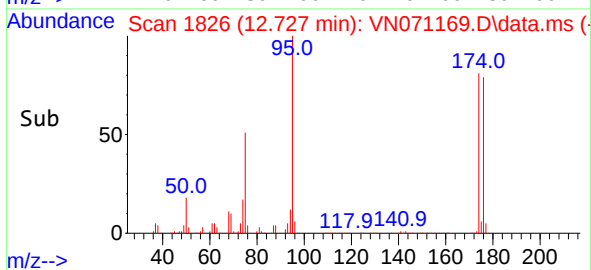
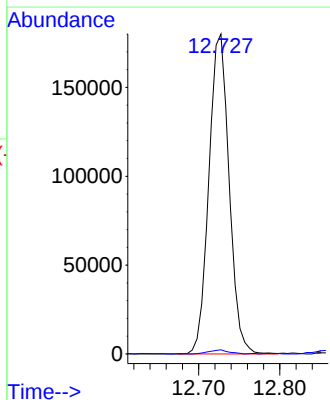
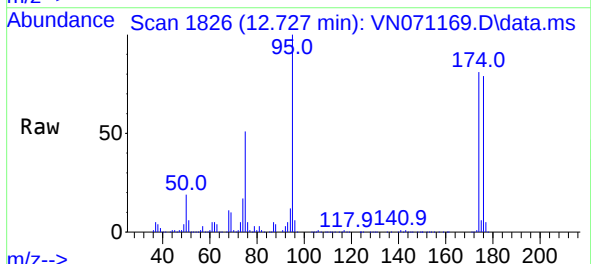
Instrument :
MSVOA_N
ClientSampleId :

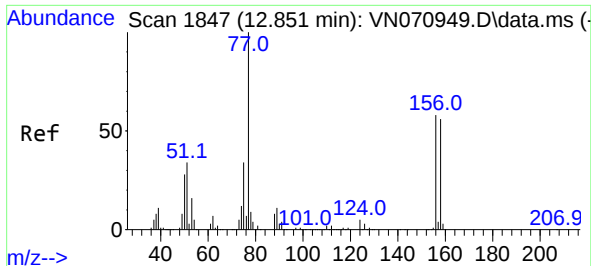
Tgt Ion: 83 Resp: 2276
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.5#
85 67.3 32.4 97.2



#76
1,2,3-Trichloropropane
Concen: 30.333 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.141 min
Lab File: VN071169.D
Acq: 04 Mar 2022 15:17

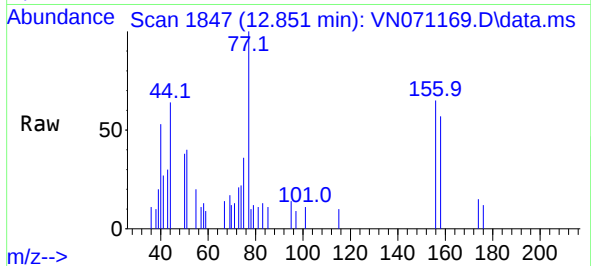
Tgt Ion: 75 Resp: 311695
Ion Ratio Lower Upper
75 100
77 1.3 82.6 247.8#



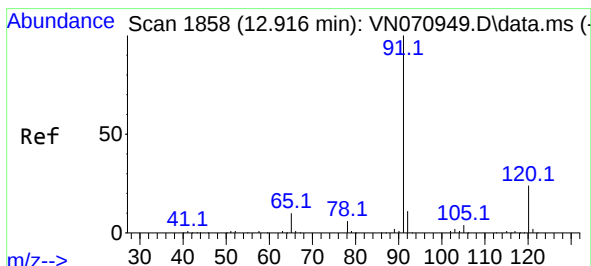
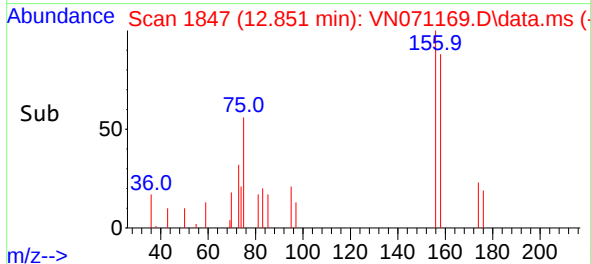
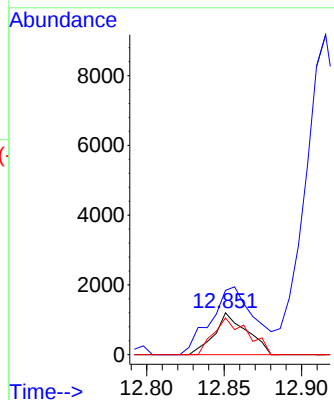


#77
Bromobenzene
Concen: 0.203 ug/l
RT: 12.851 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071169.D
Acq: 04 Mar 2022 15:17

Instrument :
MSVOA_N
ClientSampleId :

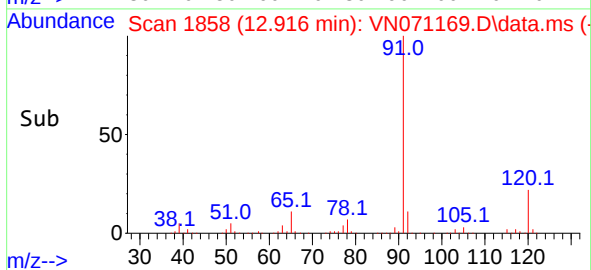
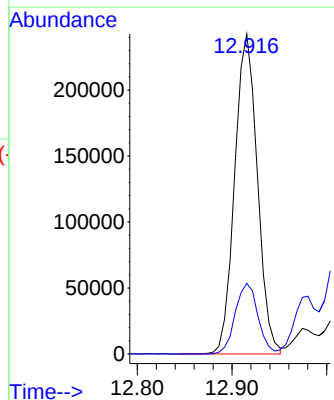
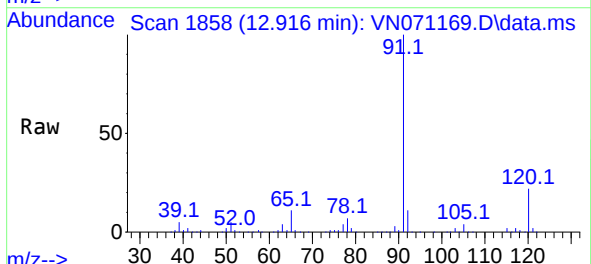


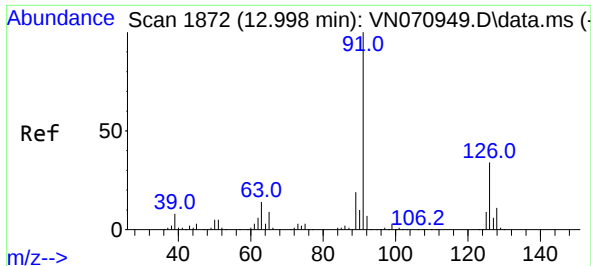
Tgt Ion:156 Resp: 1749
Ion Ratio Lower Upper
156 100
77 218.1 90.6 271.8
158 93.0 48.9 146.7



#78
n-propylbenzene
Concen: 10.217 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071169.D
Acq: 04 Mar 2022 15:17

Tgt Ion: 91 Resp: 403270
Ion Ratio Lower Upper
91 100
120 22.0 11.9 35.9

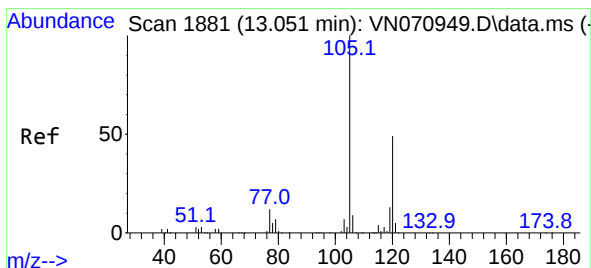
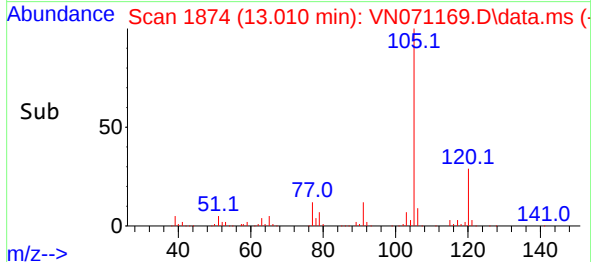
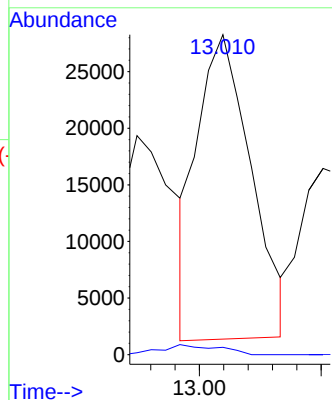
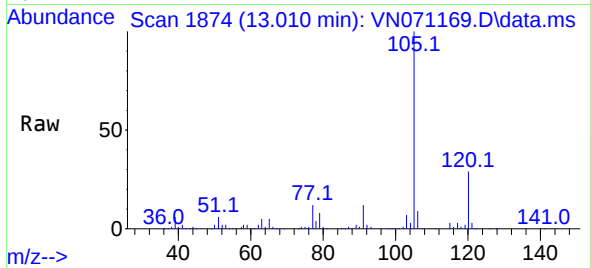




#79
2-Chlorotoluene
Concen: 1.718 ug/l
RT: 13.010 min Scan# 1874
Delta R.T. 0.012 min
Lab File: VN071169.D
Acq: 04 Mar 2022 15:17

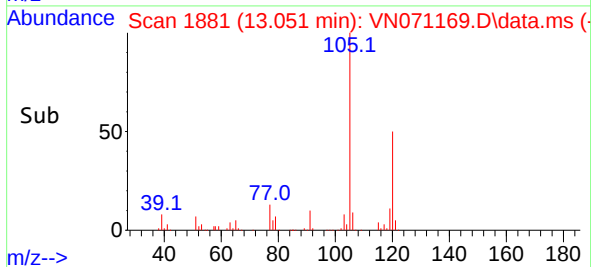
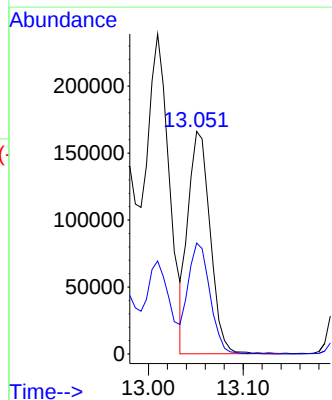
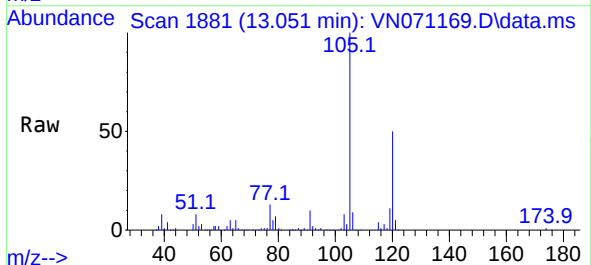
Instrument :
MSVOA_N
ClientSampleId :

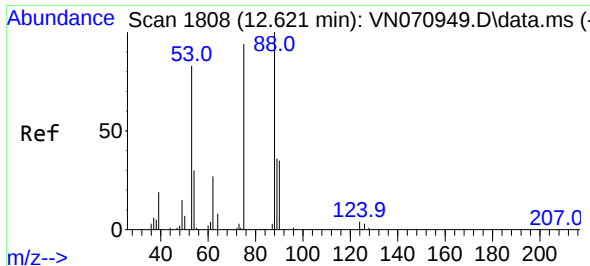
Tgt Ion: 91 Resp: 41170
Ion Ratio Lower Upper
91 100
126 0.0 18.3 54.8#



#80
1,3,5-Trimethylbenzene
Concen: 9.451 ug/l
RT: 13.051 min Scan# 1881
Delta R.T. -0.000 min
Lab File: VN071169.D
Acq: 04 Mar 2022 15:17

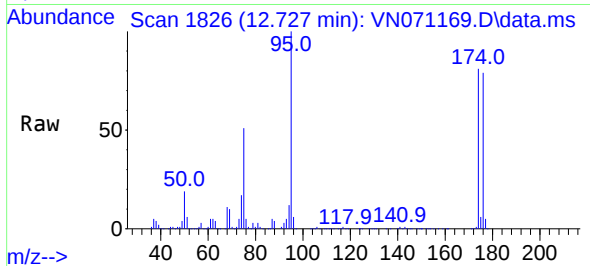
Tgt Ion:105 Resp: 268974
Ion Ratio Lower Upper
105 100
120 49.4 24.6 73.6



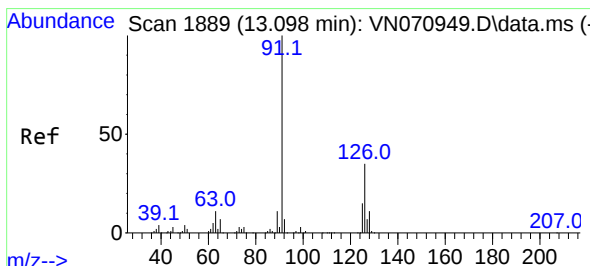
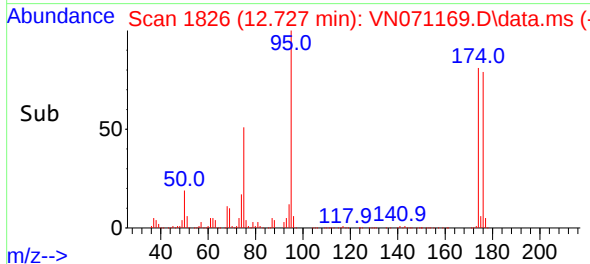
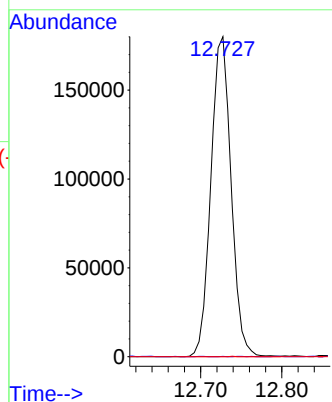


#81
trans-1,4-Dichloro-2-butene
Concen: 98.292 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.106 min
Lab File: VN071169.D
Acq: 04 Mar 2022 15:17

Instrument :
MSVOA_N
ClientSampleId :

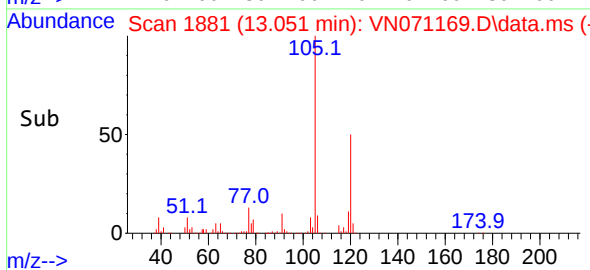
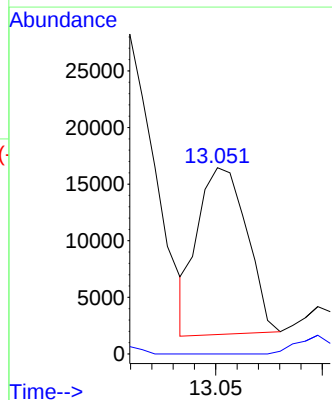
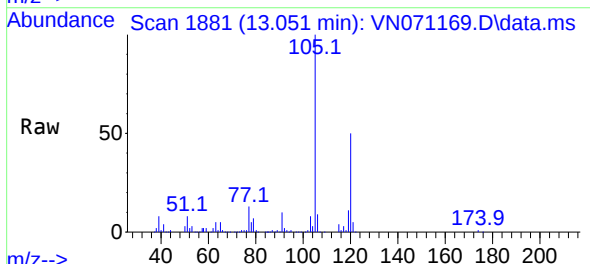


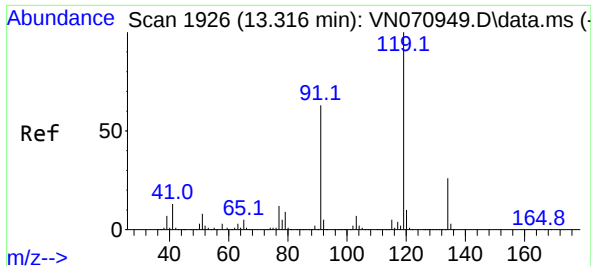
Tgt Ion: 75 Resp: 311695
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#



#82
4-Chlorotoluene
Concen: 1.014 ug/l
RT: 13.051 min Scan# 1881
Delta R.T. -0.047 min
Lab File: VN071169.D
Acq: 04 Mar 2022 15:17

Tgt Ion: 91 Resp: 23588
Ion Ratio Lower Upper
91 100
126 0.0 18.2 54.6#

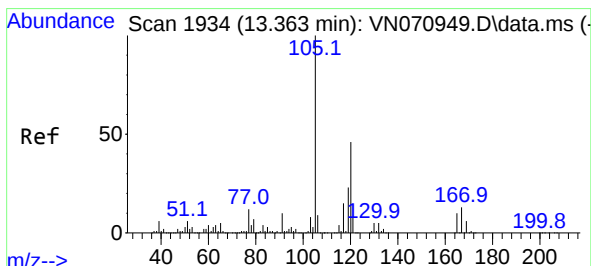
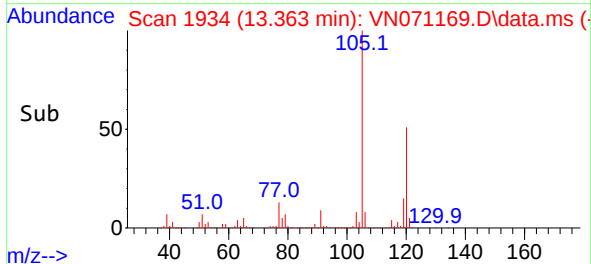
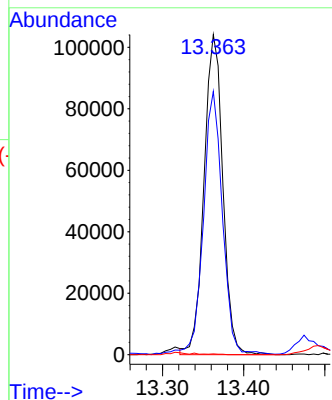
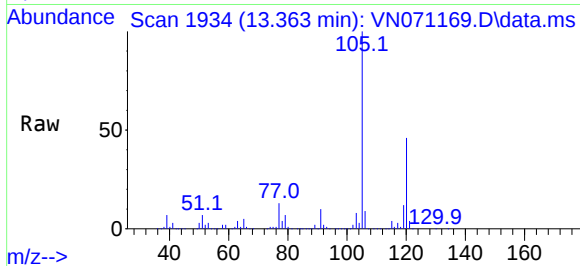




#83
tert-Butylbenzene
Concen: 6.199 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. 0.047 min
Lab File: VN071169.D
Acq: 04 Mar 2022 15:17

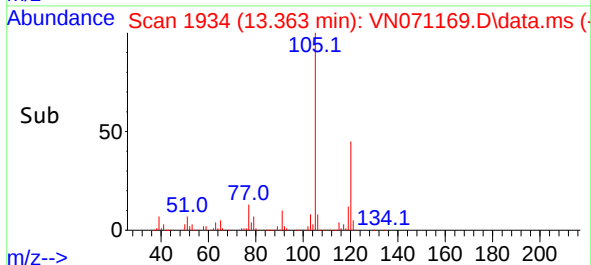
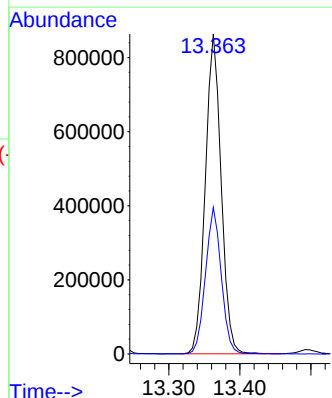
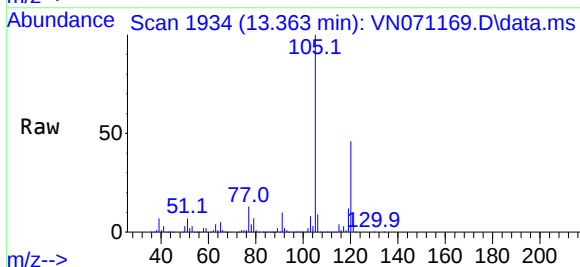
Instrument :
MSVOA_N
ClientSampleId :

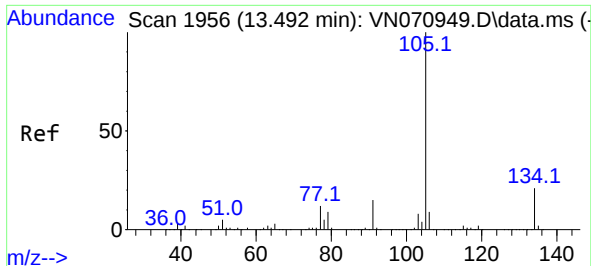
Tgt Ion:119 Resp: 167308
Ion Ratio Lower Upper
119 100
91 84.2 31.5 94.5
134 0.0 12.4 37.4#



#84
1,2,4-Trimethylbenzene
Concen: 47.771 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071169.D
Acq: 04 Mar 2022 15:17

Tgt Ion:105 Resp: 1338310
Ion Ratio Lower Upper
105 100
120 45.8 22.8 68.4

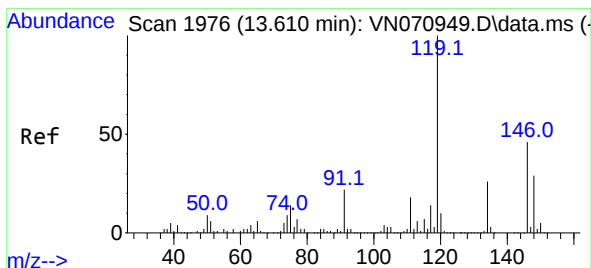
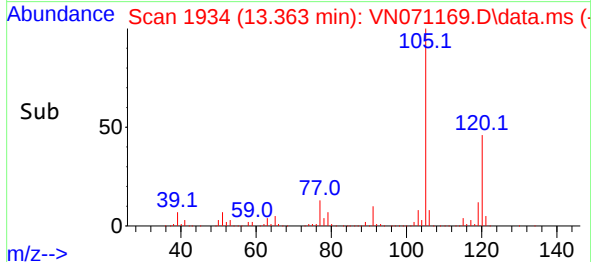
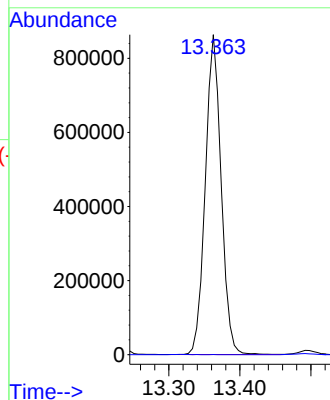
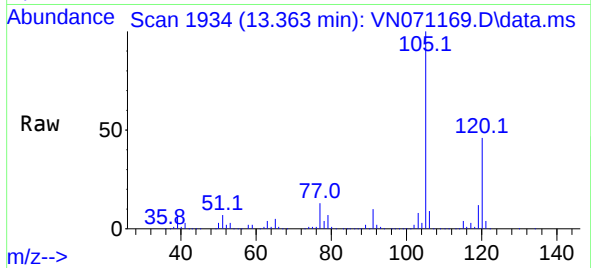




#85
 sec-Butylbenzene
 Concen: 37.630 ug/l
 RT: 13.363 min Scan# 1934
 Delta R.T. -0.129 min
 Lab File: VN071169.D
 Acq: 04 Mar 2022 15:17

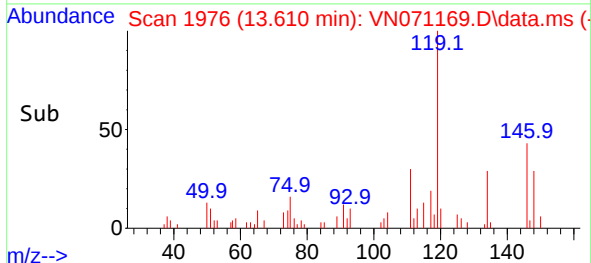
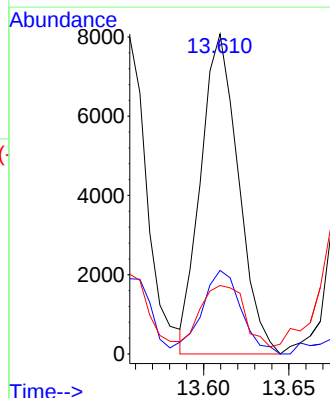
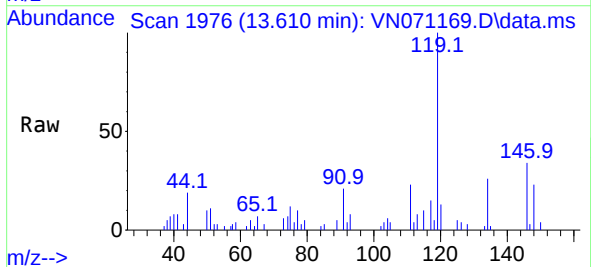
Instrument :
 MSVOA_N
 ClientSampleId :

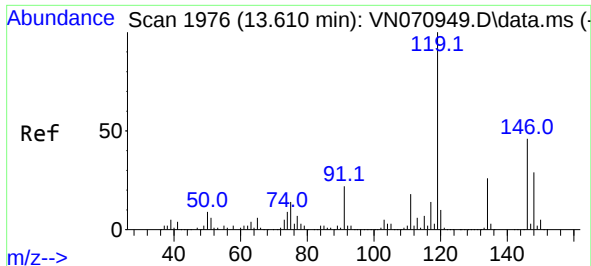
Tgt Ion:105 Resp: 1338310
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#



#86
 p-Isopropyltoluene
 Concen: 0.425 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN071169.D
 Acq: 04 Mar 2022 15:17

Tgt Ion:119 Resp: 12402
 Ion Ratio Lower Upper
 119 100
 134 27.5 13.6 40.7
 91 0.0 11.4 34.1#





#87

1,3-Dichlorobenzene

Concen: 0.322 ug/l

RT: 13.615 min Scan# 1976

Delta R.T. 0.006 min

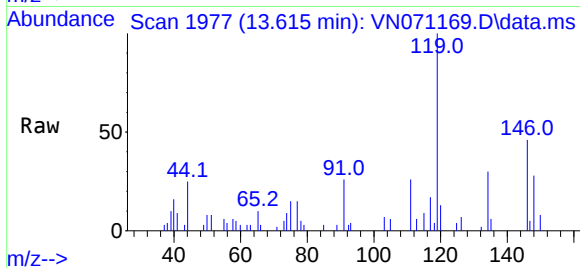
Lab File: VN071169.D

Acq: 04 Mar 2022 15:17

Instrument :

MSVOA_N

ClientSampleId :



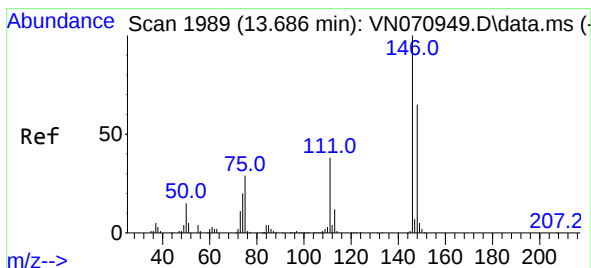
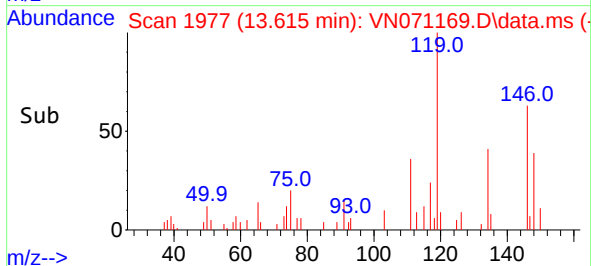
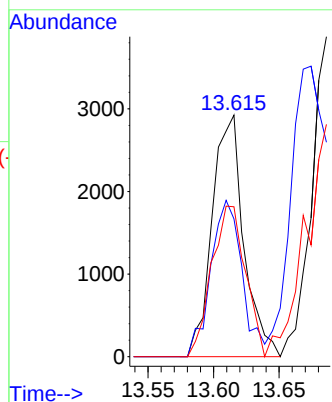
Tgt Ion:146 Resp: 4895

Ion Ratio Lower Upper

146 100

111 64.0 18.6 55.6#

148 66.7 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 0.469 ug/l

RT: 13.686 min Scan# 1989

Delta R.T. -0.000 min

Lab File: VN071169.D

Acq: 04 Mar 2022 15:17

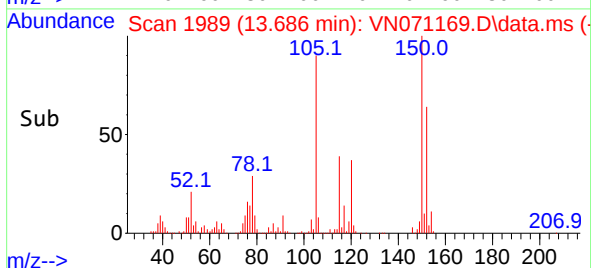
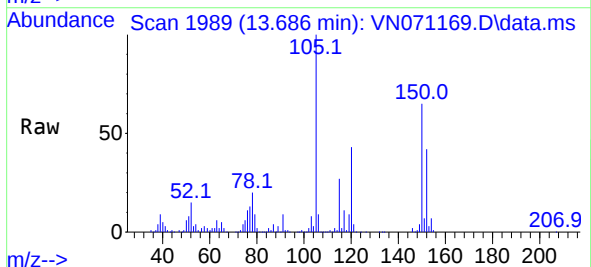
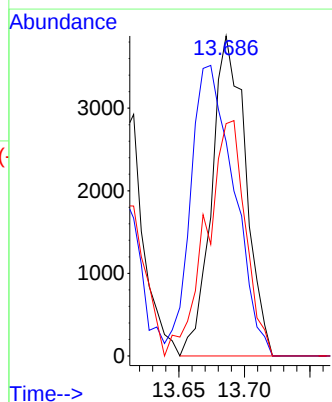
Tgt Ion:146 Resp: 7002

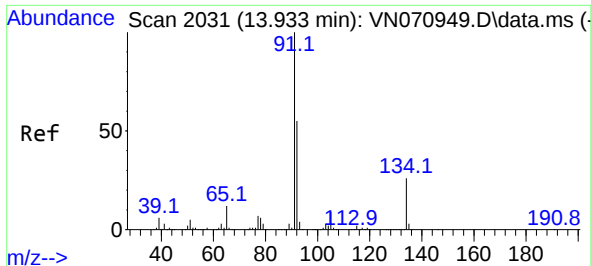
Ion Ratio Lower Upper

146 100

111 115.3 18.3 54.8#

148 84.3 31.8 95.4





#89

n-Butylbenzene

Concen: 1.245 ug/l

RT: 13.939 min Scan# 2031

Delta R.T. 0.006 min

Lab File: VN071169.D

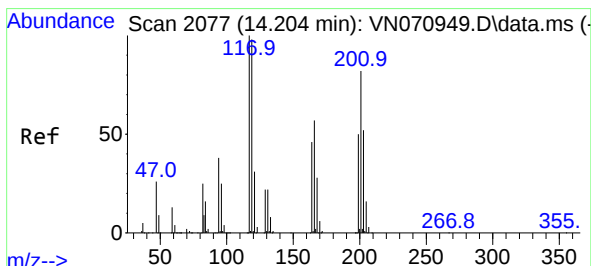
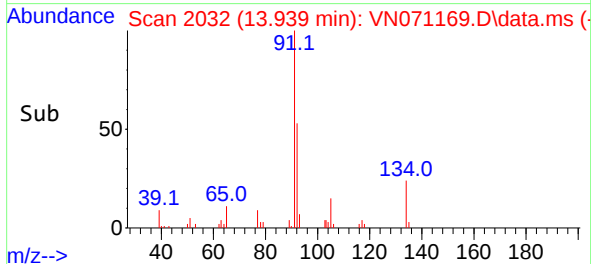
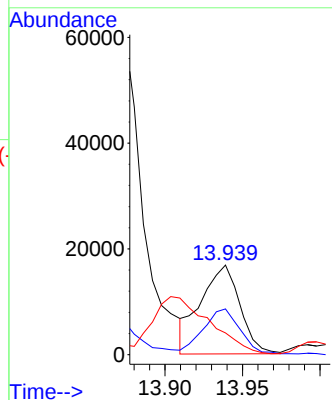
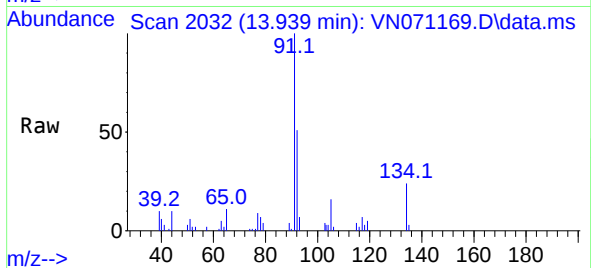
Acq: 04 Mar 2022 15:17

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 91	Resp: 29664
Ion Ratio	Lower Upper
91	100
92	47.3 25.4 76.0
134	0.0 13.6 40.8#



#90

Hexachloroethane

Concen: 2.276 ug/l

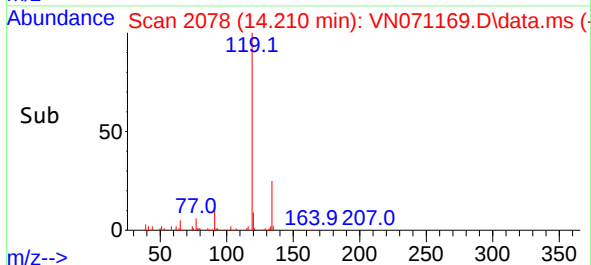
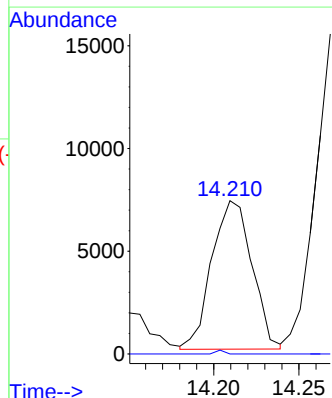
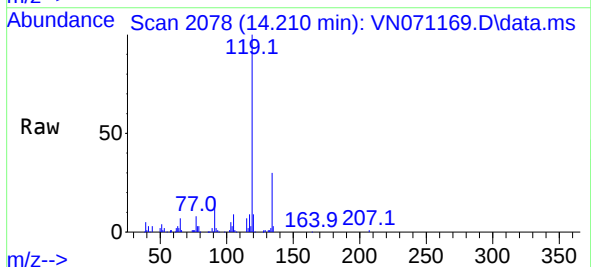
RT: 14.210 min Scan# 2078

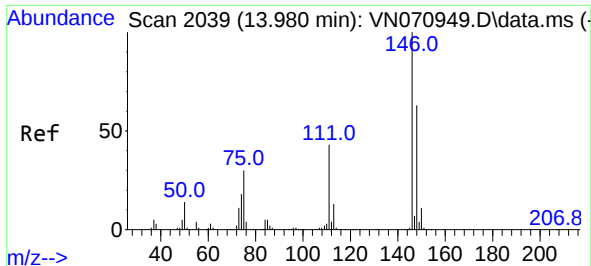
Delta R.T. 0.006 min

Lab File: VN071169.D

Acq: 04 Mar 2022 15:17

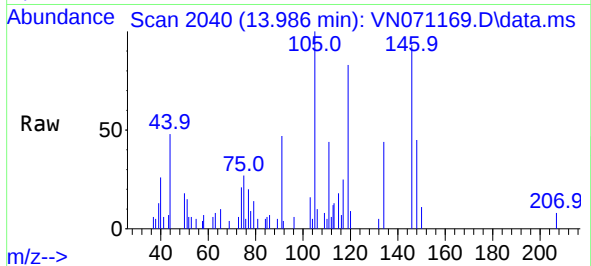
Tgt Ion: 117	Resp: 11866
Ion Ratio	Lower Upper
117	100
201	0.6 43.9 131.6#



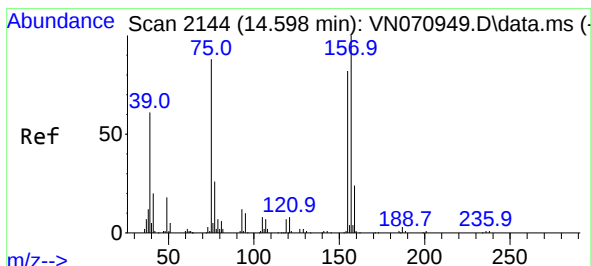
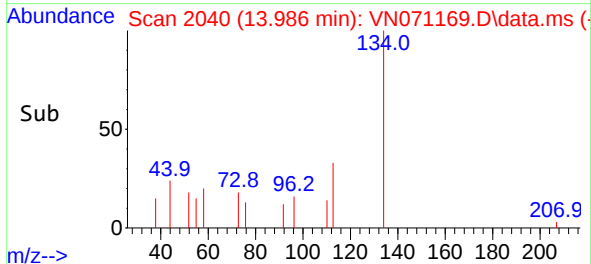
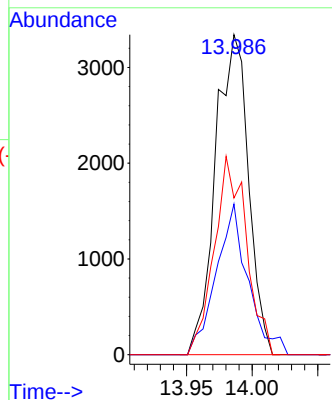


#91
1,2-Dichlorobenzene
Concen: 0.409 ug/l
RT: 13.986 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN071169.D
Acq: 04 Mar 2022 15:17

Instrument :
MSVOA_N
ClientSampleId :

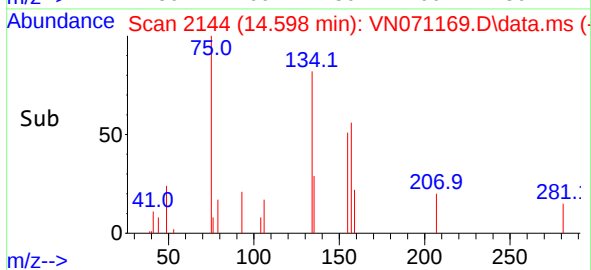
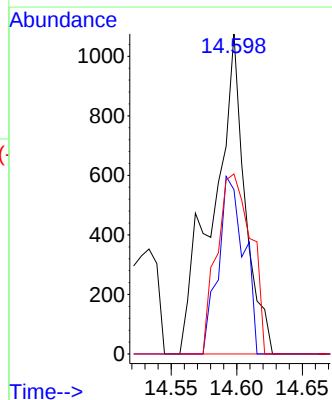
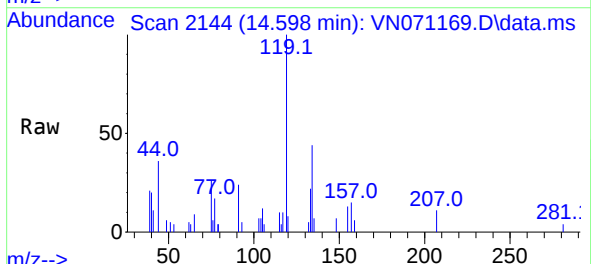


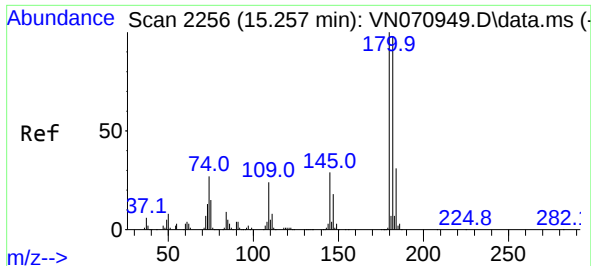
Tgt Ion:146 Resp: 5845
Ion Ratio Lower Upper
146 100
111 45.5 19.1 57.3
148 60.3 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.999 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN071169.D
Acq: 04 Mar 2022 15:17

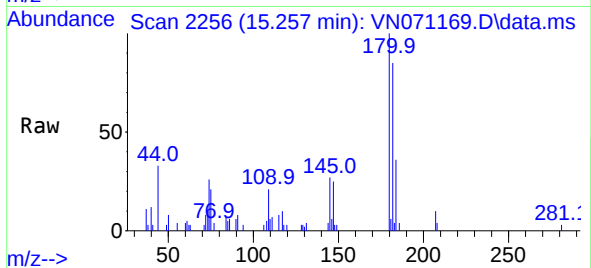
Tgt Ion: 75 Resp: 1807
Ion Ratio Lower Upper
75 100
155 45.1 46.9 140.7#
157 60.7 60.6 181.7



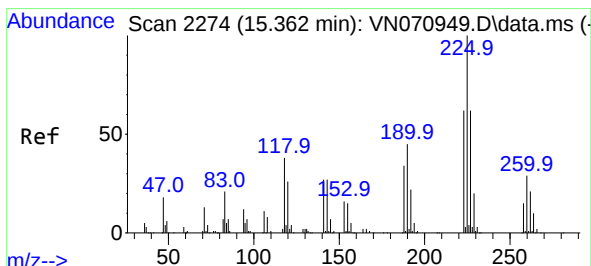
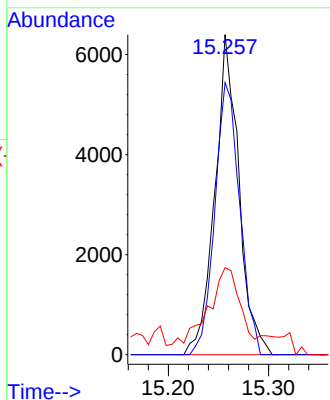
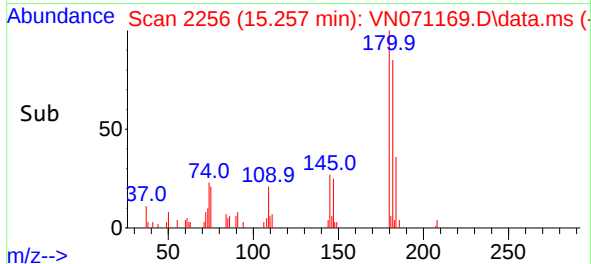


#93
1,2,4-Trichlorobenzene
Concen: 3.268 ug/l
RT: 15.257 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN071169.D
Acq: 04 Mar 2022 15:17

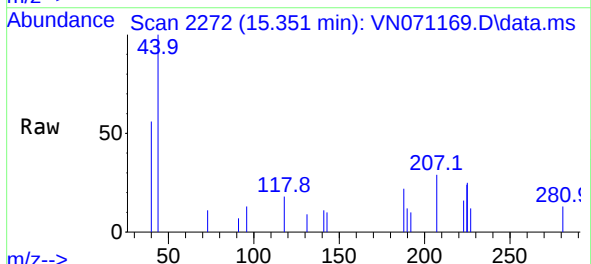
Instrument :
MSVOA_N
ClientSampleId :



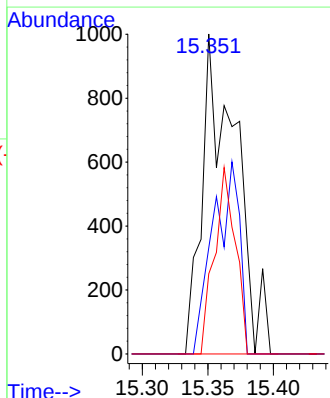
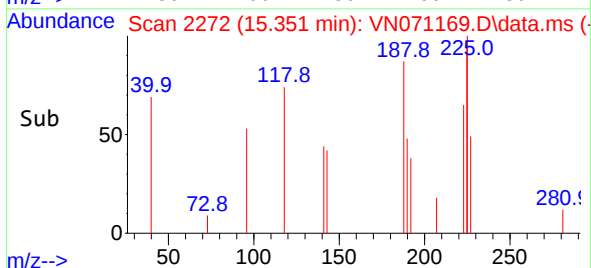
Tgt Ion:180 Resp: 10622
Ion Ratio Lower Upper
180 100
182 87.8 48.3 144.9
145 31.7 14.5 43.5

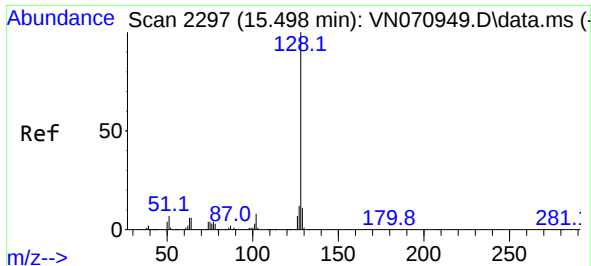


#94
Hexachlorobutadiene
Concen: 0.343 ug/l
RT: 15.351 min Scan# 2272
Delta R.T. -0.011 min
Lab File: VN071169.D
Acq: 04 Mar 2022 15:17



Tgt Ion:225 Resp: 1789
Ion Ratio Lower Upper
225 100
223 46.6 31.9 95.7
227 36.2 32.1 96.3

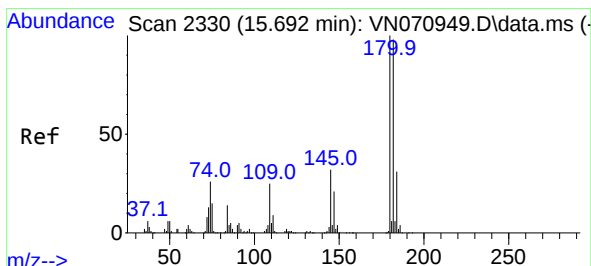
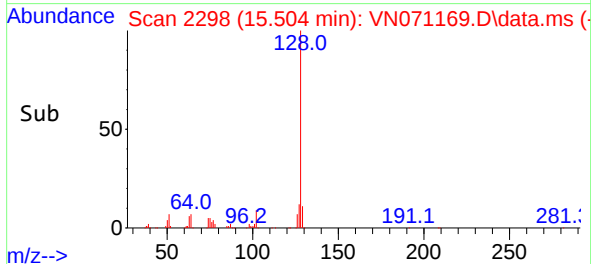
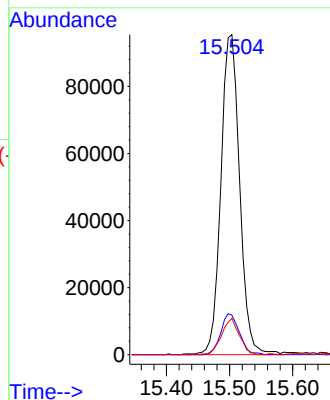
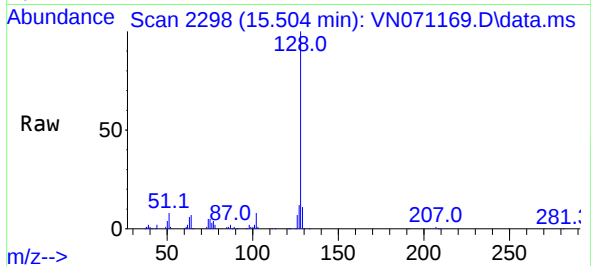




#95
Naphthalene
Concen: 14.082 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071169.D
Acq: 04 Mar 2022 15:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 197085
Ion Ratio Lower Upper
128 100
127 12.7 10.5 15.7
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 4.082 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN071169.D
Acq: 04 Mar 2022 15:17

Tgt Ion:180 Resp: 12215
Ion Ratio Lower Upper
180 100
182 94.1 47.4 142.2
145 34.8 15.0 45.1

