

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031622\
 Data File : VN071324.D
 Acq On : 16 Mar 2022 16:48
 Operator : JC\MD
 Sample : N1886-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 2822-A

Quant Time: Mar 17 05:19:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

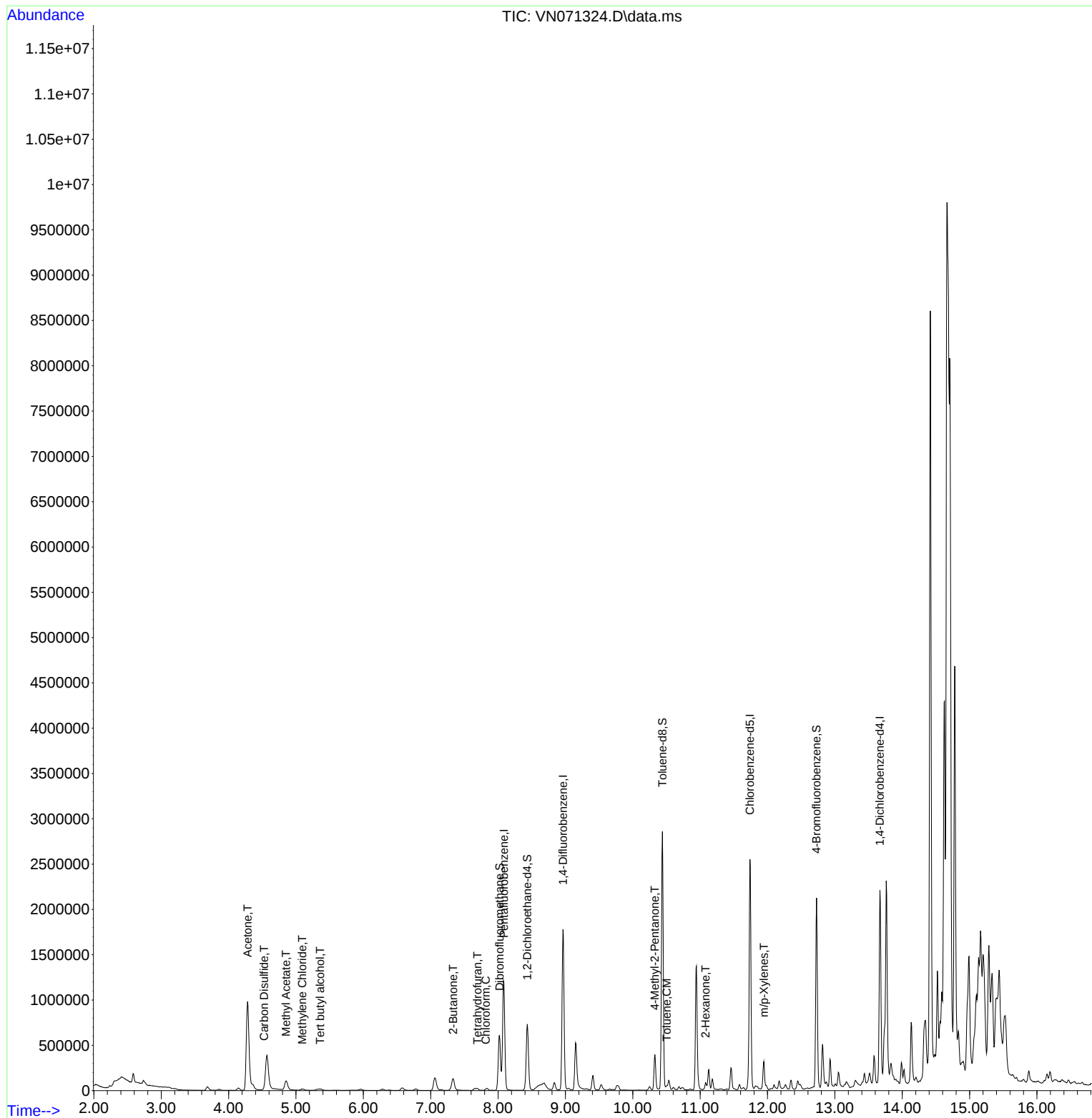
Internal Standards						
1) Pentafluorobenzene	8.086	168	934074	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1546797	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1469952	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	586432	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	596071	46.561	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.120%		
35) Dibromofluoromethane	8.022	113	454401	46.554	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	93.100%		
50) Toluene-d8	10.439	98	1924323	48.965	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.920%		
62) 4-Bromofluorobenzene	12.727	95	717935	53.948	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	107.900%		
Target Compounds						Qvalue
11) Tert butyl alcohol	5.357	59	33537	13.335	ug/l #	90
16) Acetone	4.281	43	1851669	297.268	ug/l	98
17) Carbon Disulfide	4.528	76	37227	1.396	ug/l	97
18) Methyl Acetate	4.851	43	217566	13.353	ug/l	96
20) Methylene Chloride	5.093	84	10546	1.301	ug/l #	88
25) 2-Butanone	7.334	43	216162	21.543	ug/l	95
29) Tetrahydrofuran	7.692	42	17916	2.577	ug/l	90
30) Chloroform	7.816	83	8648	0.428	ug/l	96
51) 4-Methyl-2-Pentanone	10.328	43	271272	13.581	ug/l	100
52) Toluene	10.504	92	13954	0.481	ug/l	93
59) 2-Hexanone	11.080	43	52845	3.877	ug/l	98
68) m/p-Xylenes	11.945	106	84667	4.146	ug/l	97

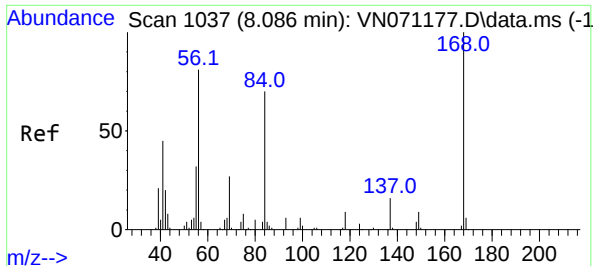
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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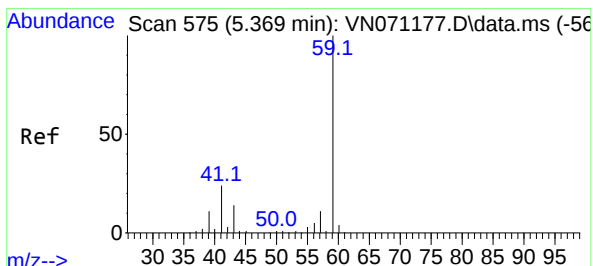
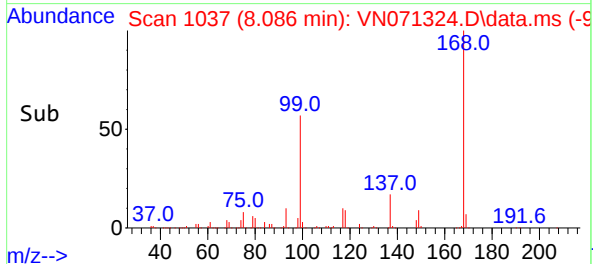
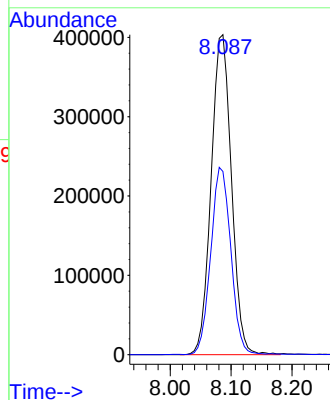
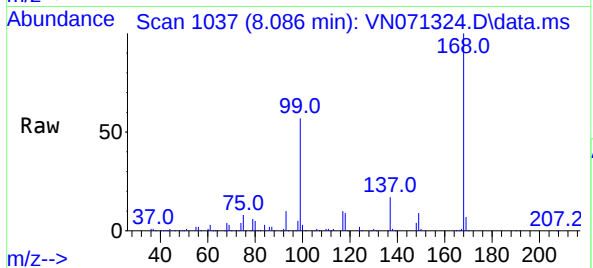




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VN071324.D
Acq: 16 Mar 2022 16:48

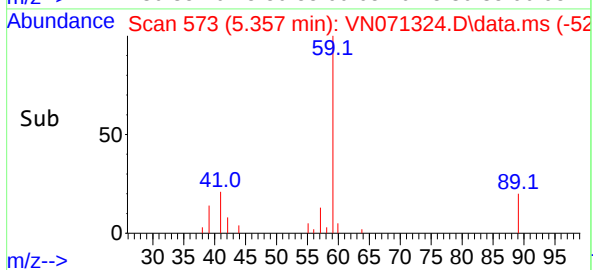
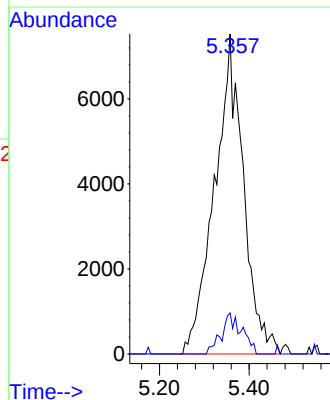
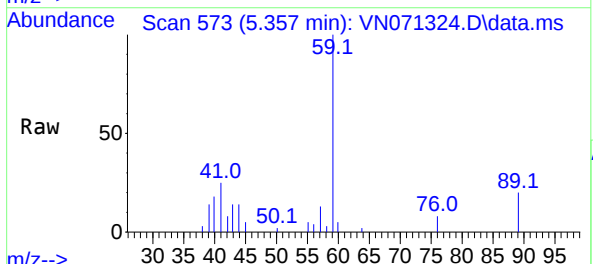
Instrument :
MSVOA_N
ClientSampleId :
2822-A

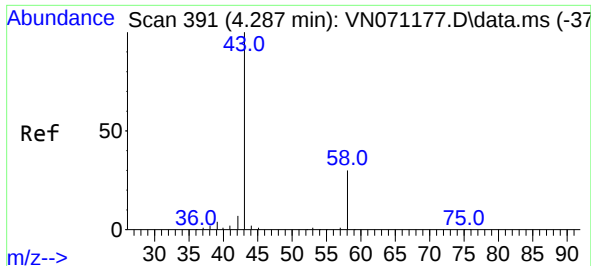
Tgt Ion:168 Resp: 934074
Ion Ratio Lower Upper
168 100
99 57.2 41.3 61.9



#11
Tert butyl alcohol
Concen: 13.335 ug/l
RT: 5.357 min Scan# 573
Delta R.T. -0.012 min
Lab File: VN071324.D
Acq: 16 Mar 2022 16:48

Tgt Ion: 59 Resp: 33537
Ion Ratio Lower Upper
59 100
57 7.0 8.7 13.1#

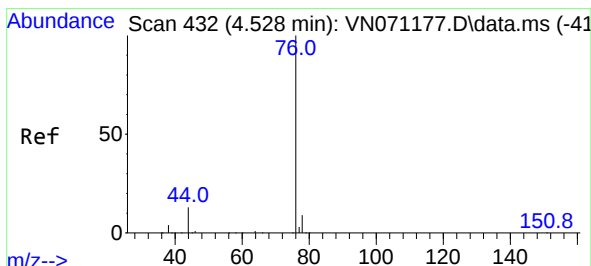
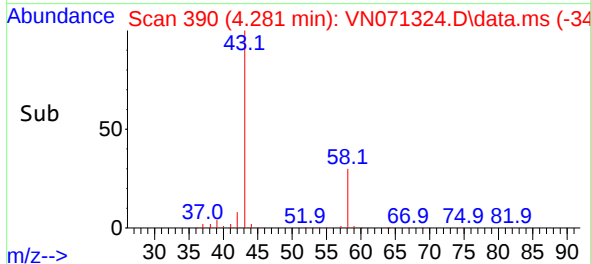
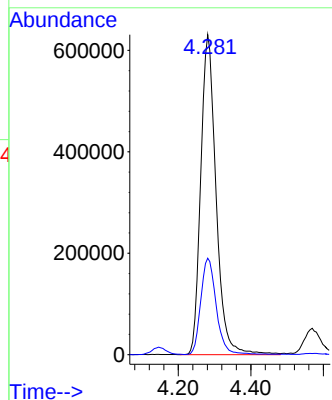
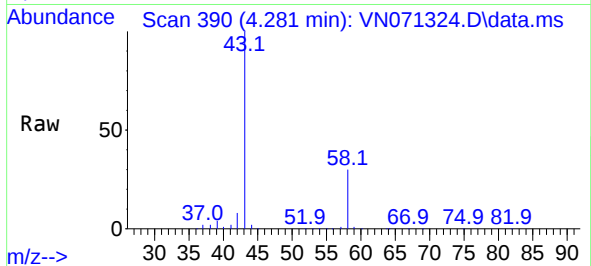




#16
Acetone
Concen: 297.268 ug/l
RT: 4.281 min Scan# 391
Delta R.T. -0.006 min
Lab File: VN071324.D
Acq: 16 Mar 2022 16:48

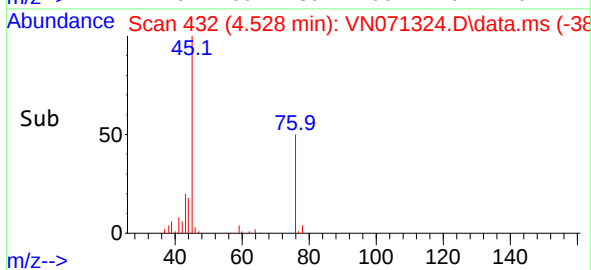
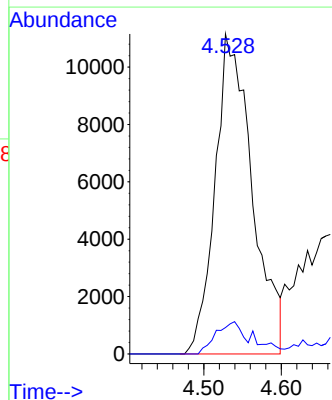
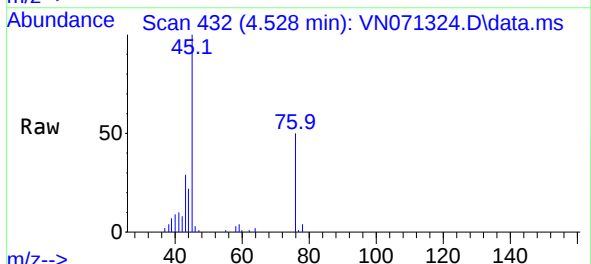
Instrument :
MSVOA_N
ClientSampleId :
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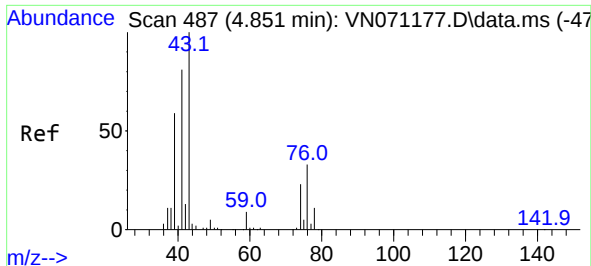
Tgt Ion: 43 Resp: 1851669
Ion Ratio Lower Upper
43 100
58 30.0 23.1 34.7



#17
Carbon Disulfide
Concen: 1.396 ug/l
RT: 4.528 min Scan# 432
Delta R.T. 0.000 min
Lab File: VN071324.D
Acq: 16 Mar 2022 16:48

Tgt Ion: 76 Resp: 37227
Ion Ratio Lower Upper
76 100
78 8.3 7.5 11.3

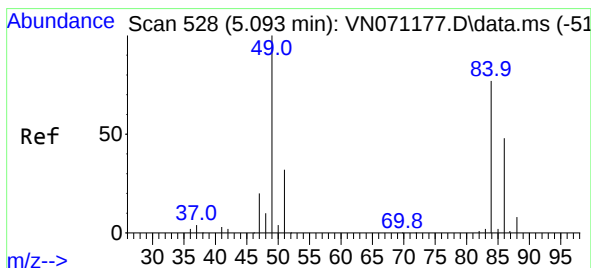
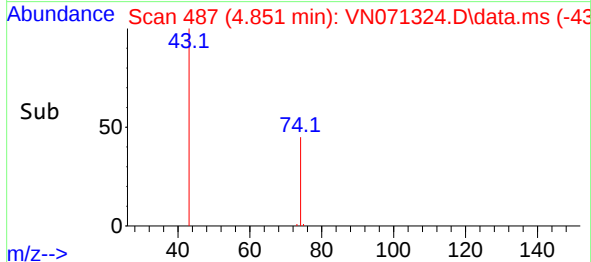
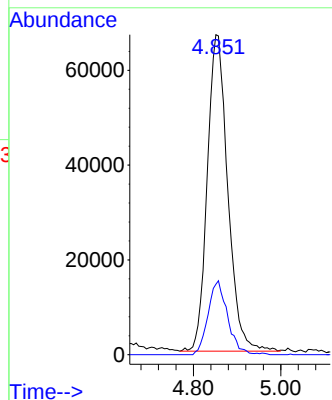
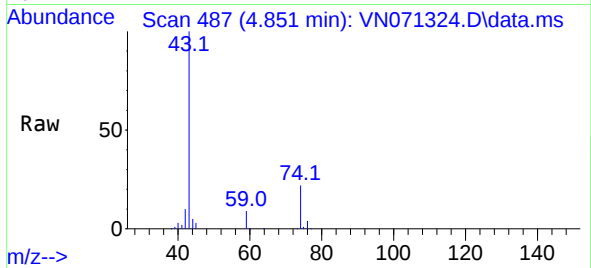




#18
Methyl Acetate
Concen: 13.353 ug/l
RT: 4.851 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN071324.D
Acq: 16 Mar 2022 16:48

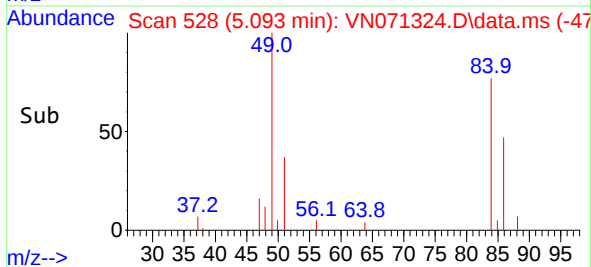
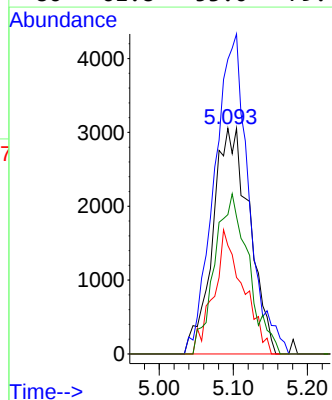
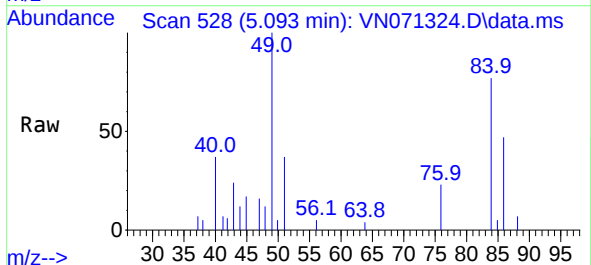
Instrument :
MSVOA_N
ClientSampleId :
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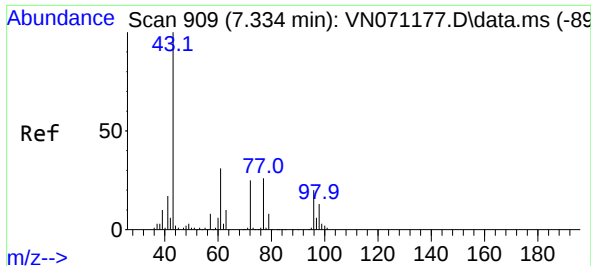
Tgt Ion: 43 Resp: 217566
Ion Ratio Lower Upper
43 100
74 22.2 19.4 29.2



#20
Methylene Chloride
Concen: 1.301 ug/l
RT: 5.093 min Scan# 528
Delta R.T. -0.000 min
Lab File: VN071324.D
Acq: 16 Mar 2022 16:48

Tgt Ion: 84 Resp: 10546
Ion Ratio Lower Upper
84 100
49 130.6 93.5 140.3
51 48.1 29.4 44.2#
86 61.8 53.0 79.4

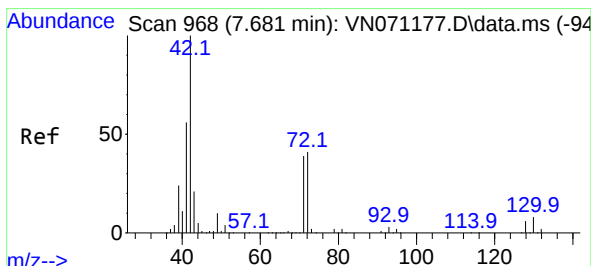
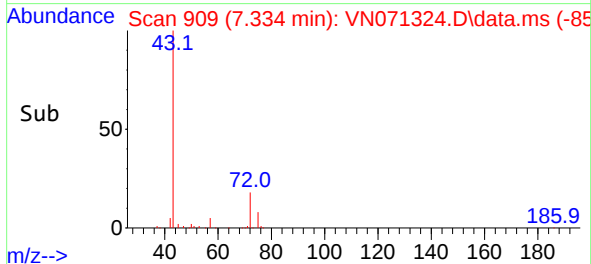
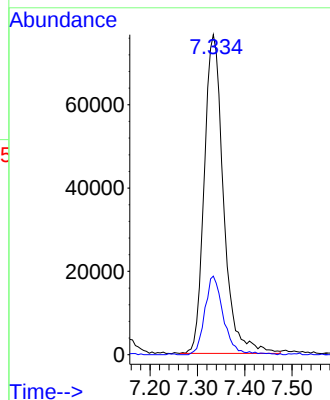
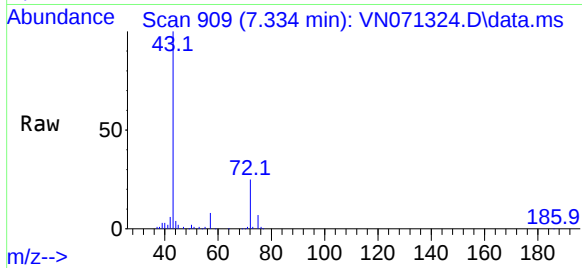




#25
2-Butanone
Concen: 21.543 ug/l
RT: 7.334 min Scan# 909
Delta R.T. 0.000 min
Lab File: VN071324.D
Acq: 16 Mar 2022 16:48

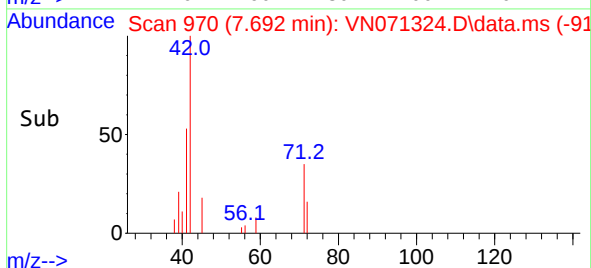
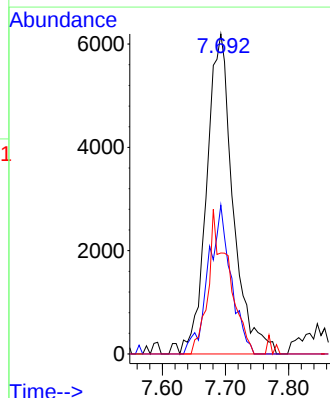
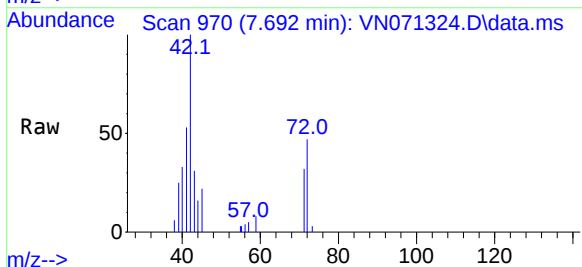
Instrument :
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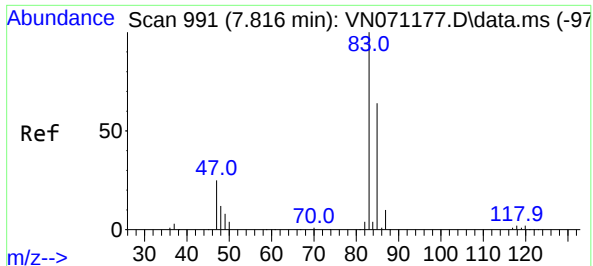
Tgt Ion: 43 Resp: 216162
Ion Ratio Lower Upper
43 100
72 24.6 21.7 32.5



#29
Tetrahydrofuran
Concen: 2.577 ug/l
RT: 7.692 min Scan# 970
Delta R.T. 0.012 min
Lab File: VN071324.D
Acq: 16 Mar 2022 16:48

Tgt Ion: 42 Resp: 17916
Ion Ratio Lower Upper
42 100
72 40.1 36.3 54.5
71 35.5 34.7 52.1

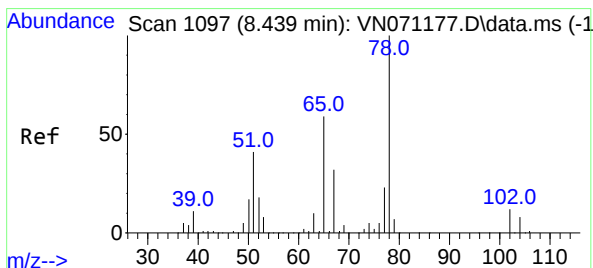
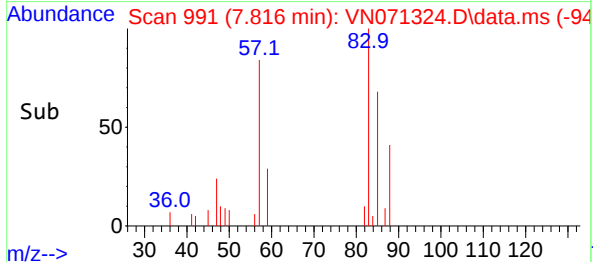
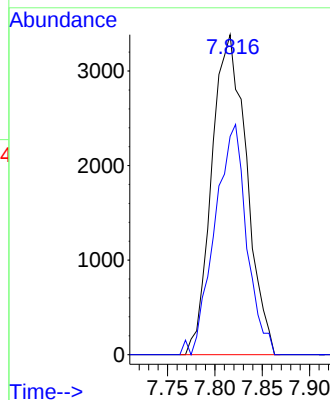
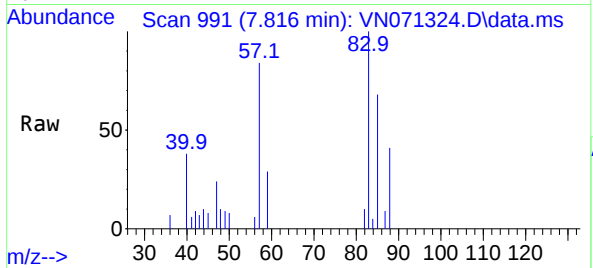




#30
Chloroform
Concen: 0.428 ug/l
RT: 7.816 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN071324.D
Acq: 16 Mar 2022 16:48

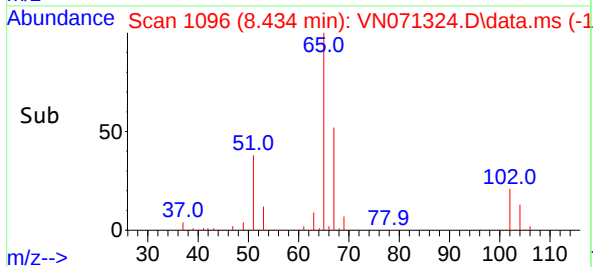
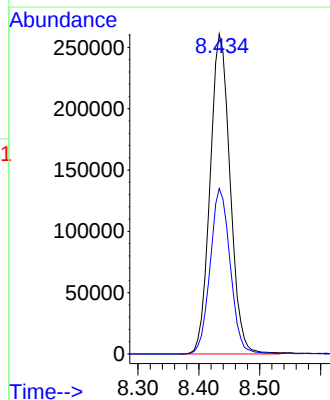
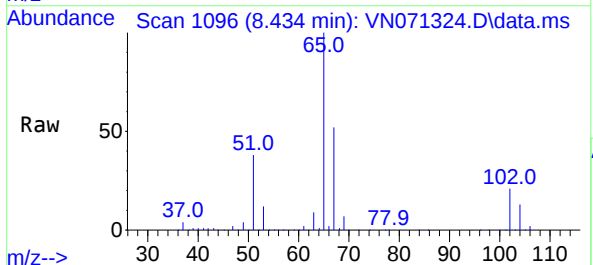
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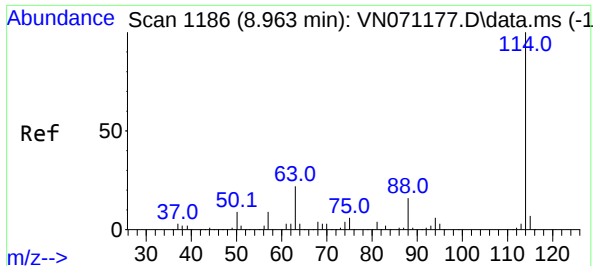
Tgt Ion: 83 Resp: 8648
Ion Ratio Lower Upper
83 100
85 68.2 51.9 77.9



#33
1,2-Dichloroethane-d4
Concen: 46.561 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.006 min
Lab File: VN071324.D
Acq: 16 Mar 2022 16:48

Tgt Ion: 65 Resp: 596071
Ion Ratio Lower Upper
65 100
67 51.8 0.0 103.0

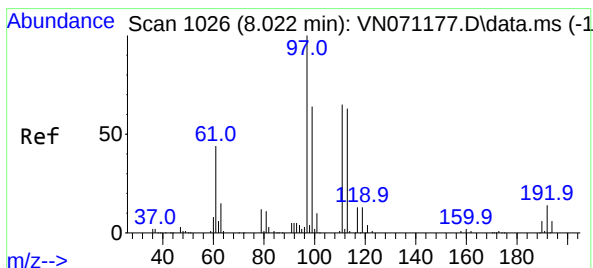
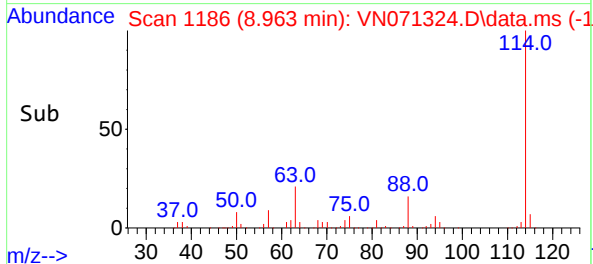
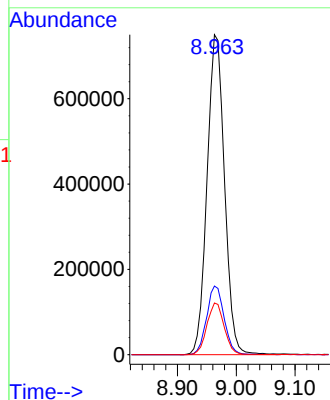
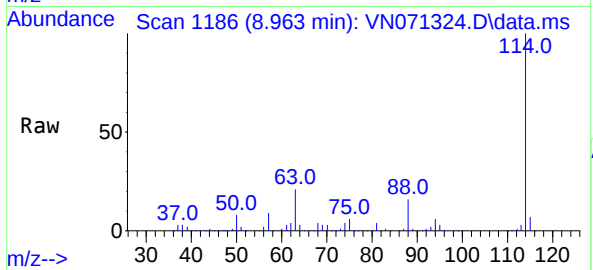




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071324.D
Acq: 16 Mar 2022 16:48

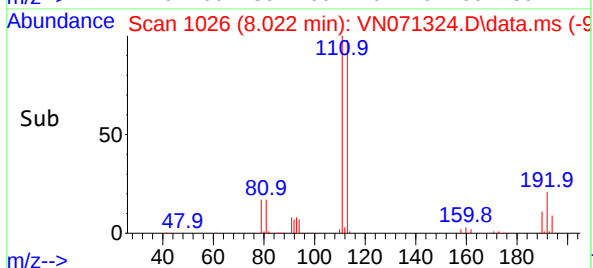
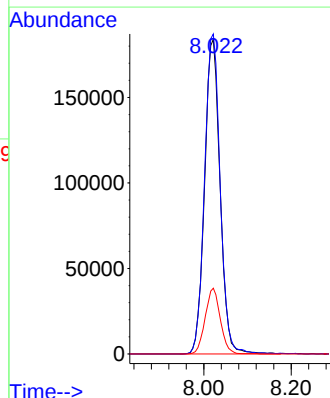
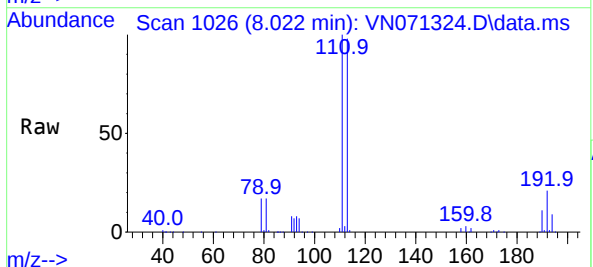
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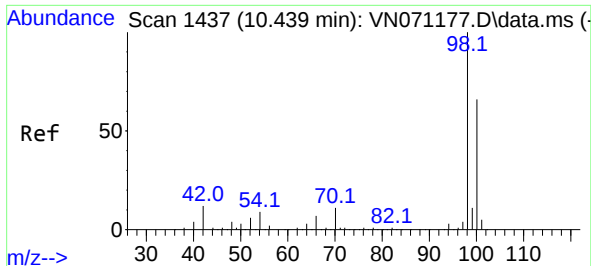
Tgt Ion:114 Resp: 1546797
Ion Ratio Lower Upper
114 100
63 21.5 0.0 37.8
88 16.2 0.0 27.4



#35
Dibromofluoromethane
Concen: 46.554 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.000 min
Lab File: VN071324.D
Acq: 16 Mar 2022 16:48

Tgt Ion:113 Resp: 454401
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.2
192 20.3 16.9 25.3

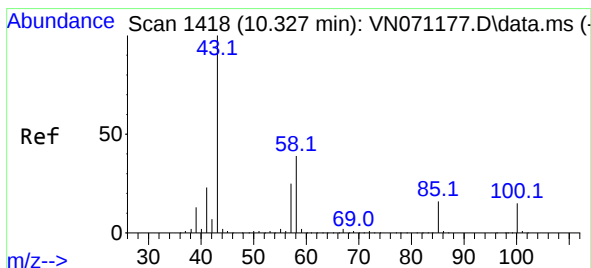
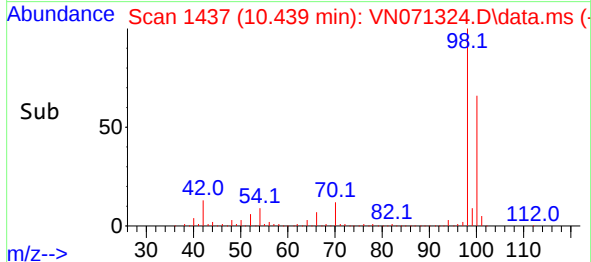
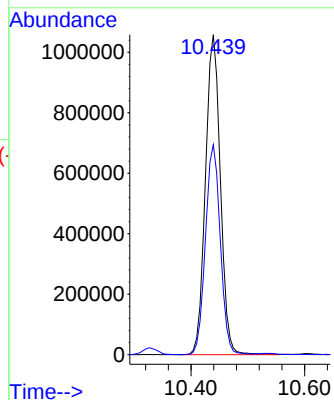
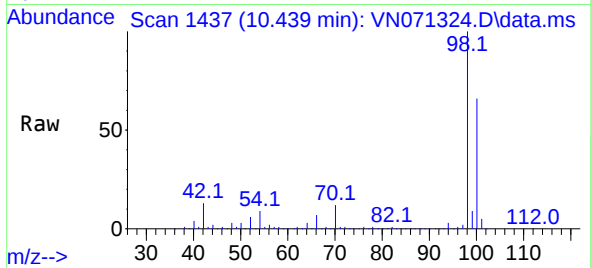




#50
Toluene-d8
Concen: 48.965 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071324.D
Acq: 16 Mar 2022 16:48

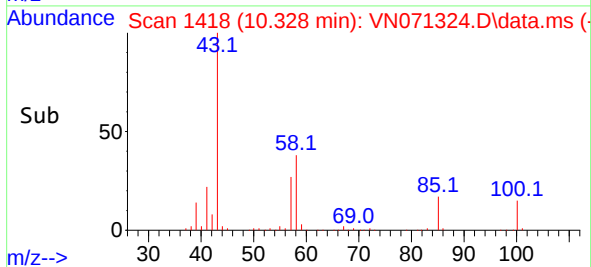
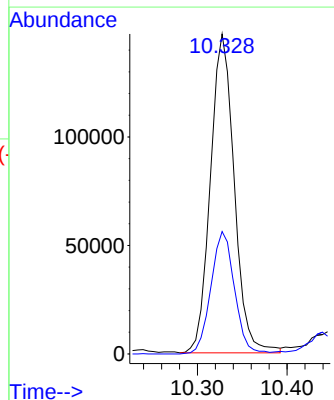
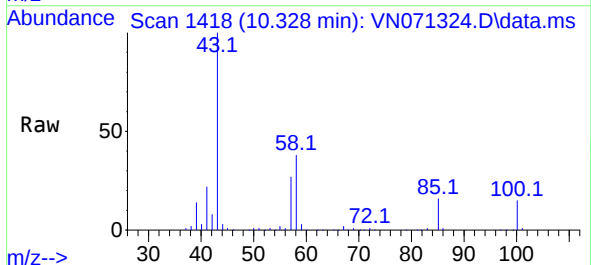
Instrument :
MSVOA_N
ClientSampleId :
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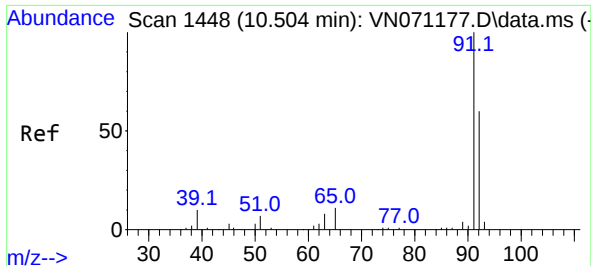
Tgt Ion: 98 Resp: 1924323
Ion Ratio Lower Upper
98 100
100 65.2 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 13.581 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. 0.001 min
Lab File: VN071324.D
Acq: 16 Mar 2022 16:48

Tgt Ion: 43 Resp: 271272
Ion Ratio Lower Upper
43 100
58 38.0 30.4 45.6

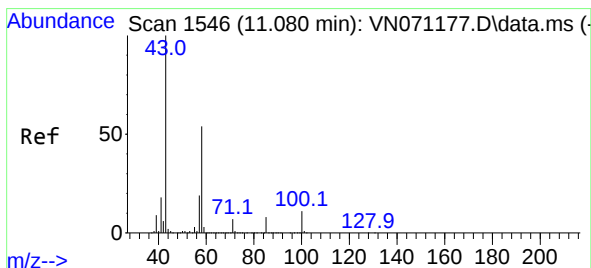
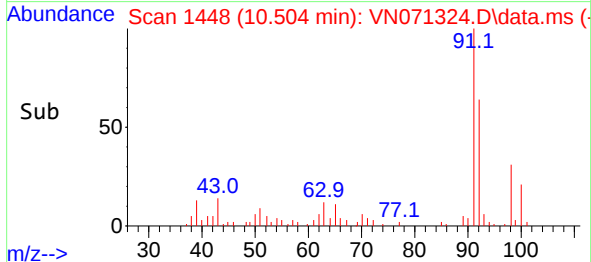
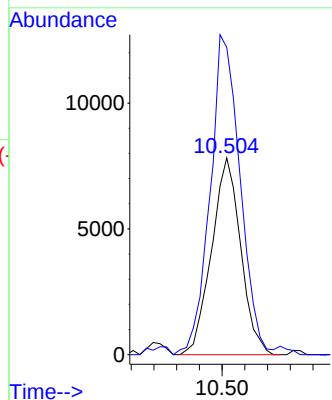
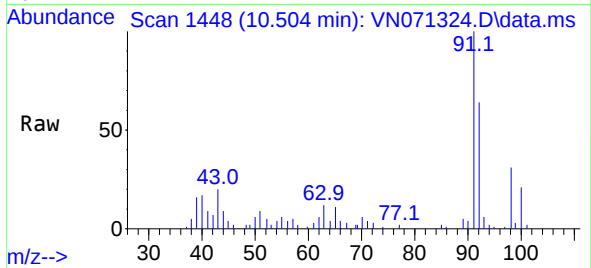




#52
Toluene
Concen: 0.481 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN071324.D
Acq: 16 Mar 2022 16:48

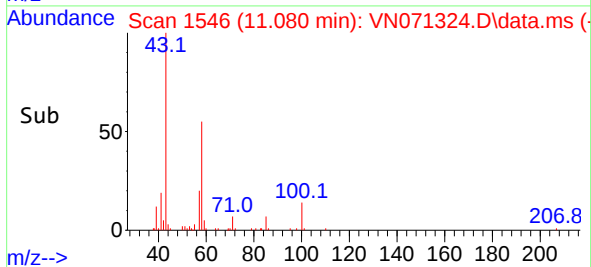
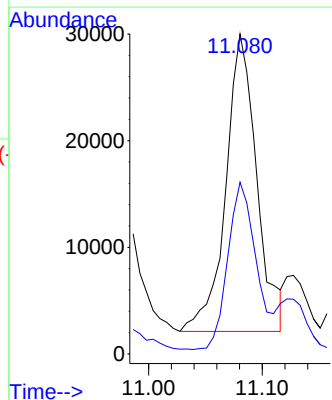
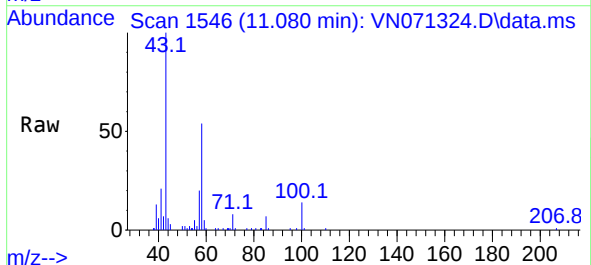
Instrument :
MSVOA_N
ClientSampleId :
2822-A

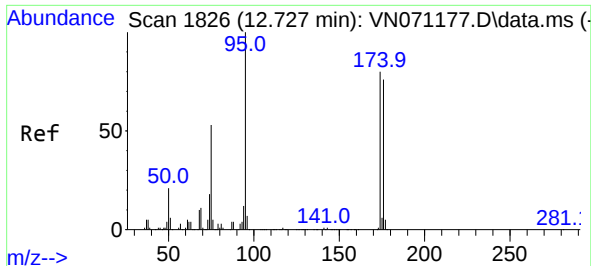
Tgt Ion: 92 Resp: 13954
Ion Ratio Lower Upper
92 100
91 167.0 142.0 213.0



#59
2-Hexanone
Concen: 3.877 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN071324.D
Acq: 16 Mar 2022 16:48

Tgt Ion: 43 Resp: 52845
Ion Ratio Lower Upper
43 100
58 52.1 26.9 80.7

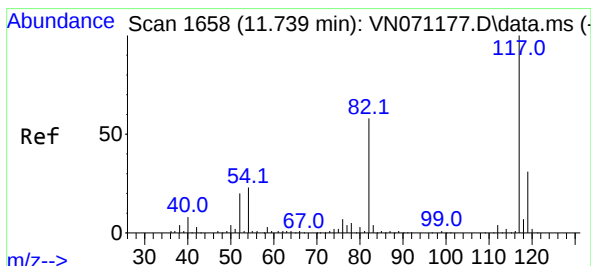
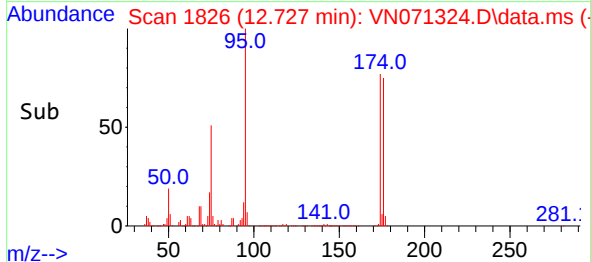
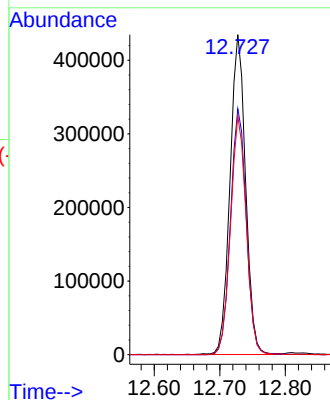
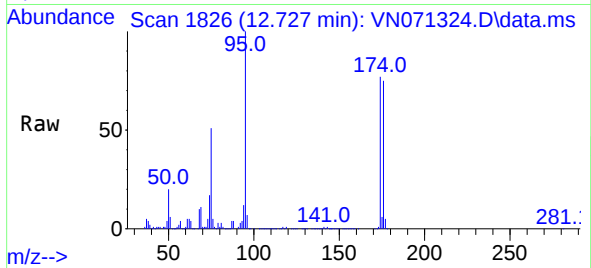




#62
4-Bromofluorobenzene
Concen: 53.948 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071324.D
Acq: 16 Mar 2022 16:48

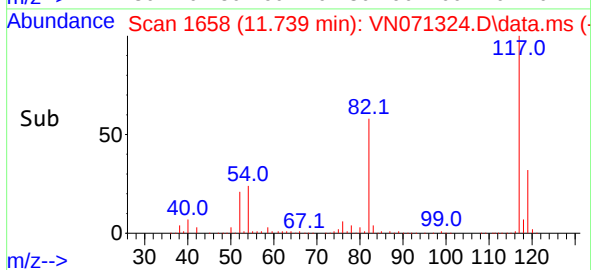
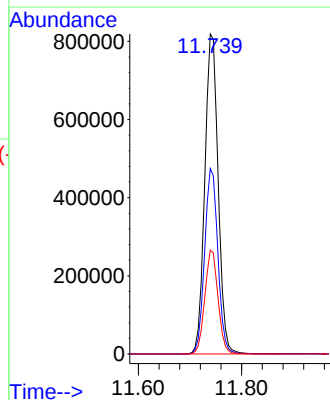
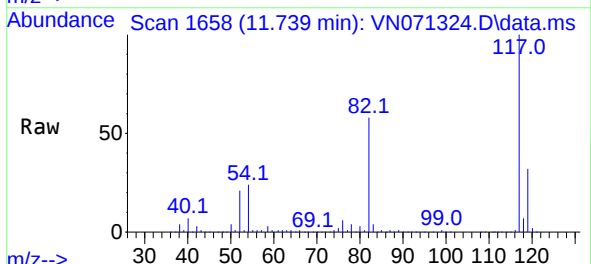
Instrument :
MSVOA_N
ClientSampleId :
2822-A

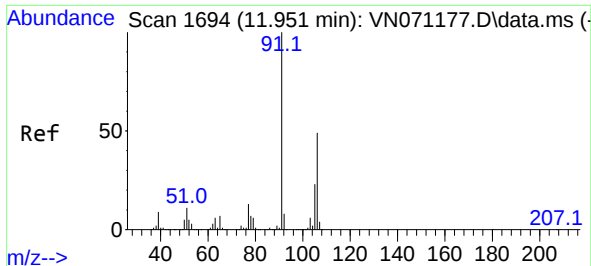
Tgt Ion: 95 Resp: 717935
Ion Ratio Lower Upper
95 100
174 78.2 0.0 187.2
176 75.2 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071324.D
Acq: 16 Mar 2022 16:48

Tgt Ion: 117 Resp: 1469952
Ion Ratio Lower Upper
117 100
82 57.9 42.4 63.6
119 32.5 25.4 38.2

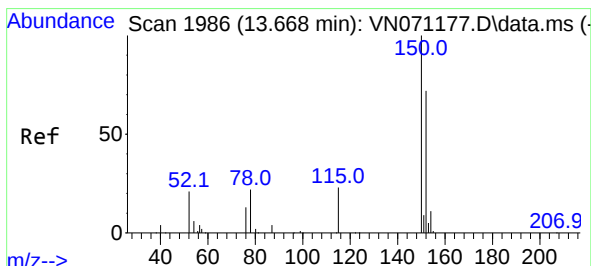
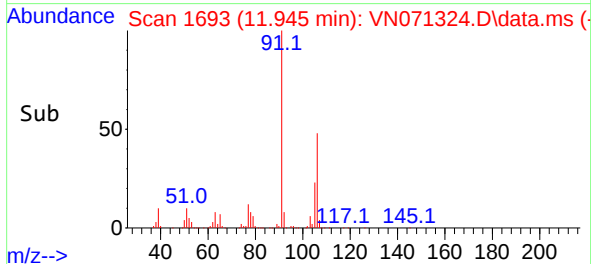
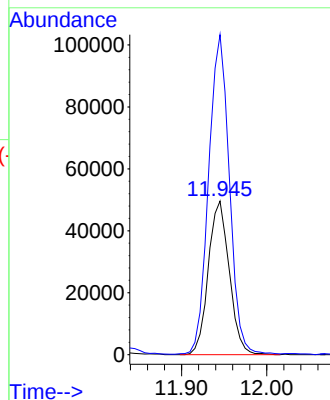
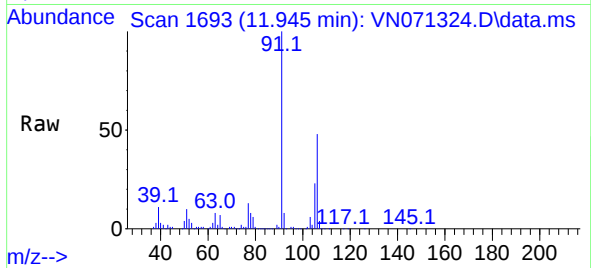




#68
m/p-Xylenes
Concen: 4.146 ug/l
RT: 11.945 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN071324.D
Acq: 16 Mar 2022 16:48

Instrument :
MSVOA_N
ClientSampleId :
2822-A

Tgt Ion:106 Resp: 84667
Ion Ratio Lower Upper
106 100
91 205.7 160.6 240.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071324.D
Acq: 16 Mar 2022 16:48

Tgt Ion:152 Resp: 586432
Ion Ratio Lower Upper
152 100
115 58.5 27.5 82.5
150 158.3 0.0 344.4

