

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031622\
 Data File : VN071325.D
 Acq On : 16 Mar 2022 17:12
 Operator : JC\MD
 Sample : N1886-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 2822-B

Quant Time: Mar 17 05:19:27 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)

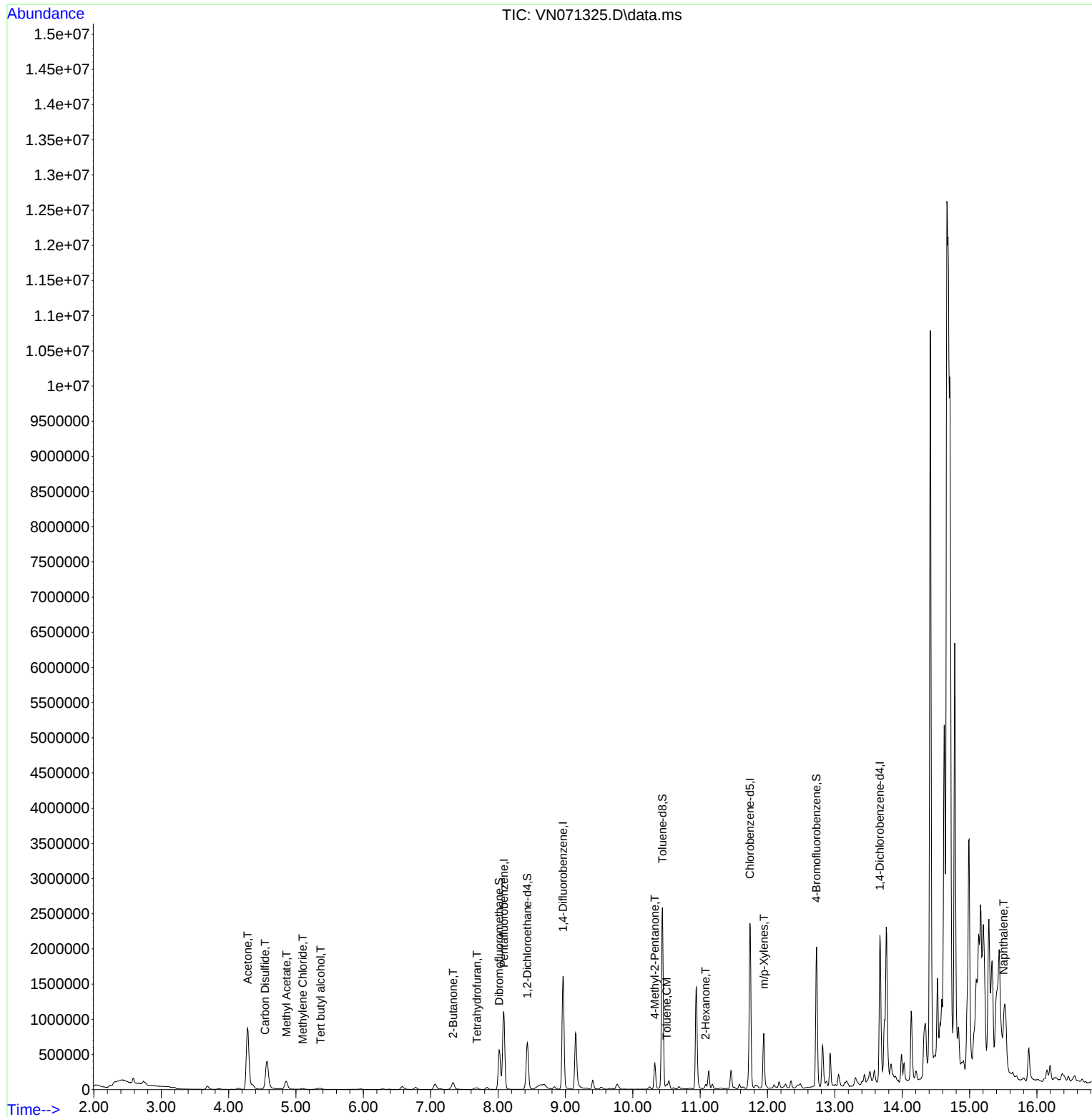
Internal Standards						
1) Pentafluorobenzene	8.086	168	869849	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1415674	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1354815	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	562732	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	537897	45.120	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	90.240%
35) Dibromofluoromethane	8.016	113	415821	46.547	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.100%
50) Toluene-d8	10.439	98	1754315	48.774	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.540%
62) 4-Bromofluorobenzene	12.727	95	693178	56.912	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	113.820%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.363	59	33343	14.237	ug/l #	85
16) Acetone	4.281	43	1655812	285.452	ug/l	96
17) Carbon Disulfide	4.539	76	32402	1.305	ug/l	95
18) Methyl Acetate	4.857	43	239617	15.707	ug/l	97
20) Methylene Chloride	5.098	84	9868	1.306	ug/l	91
25) 2-Butanone	7.333	43	158220	16.932	ug/l	96
29) Tetrahydrofuran	7.686	42	18744	2.896	ug/l #	86
51) 4-Methyl-2-Pentanone	10.327	43	257083	14.063	ug/l	100
52) Toluene	10.504	92	22155	0.834	ug/l	95
59) 2-Hexanone	11.080	43	41220	3.305	ug/l	96
68) m/p-Xylenes	11.945	106	221376	11.763	ug/l	99
95) Naphthalene	15.503	128	18491	5.712	ug/l #	87

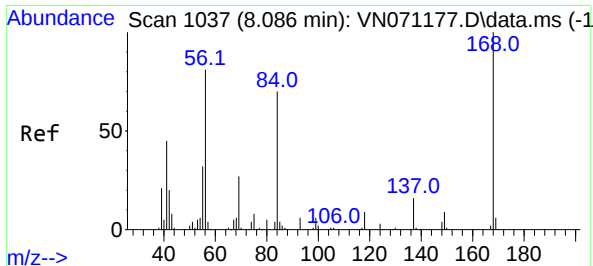
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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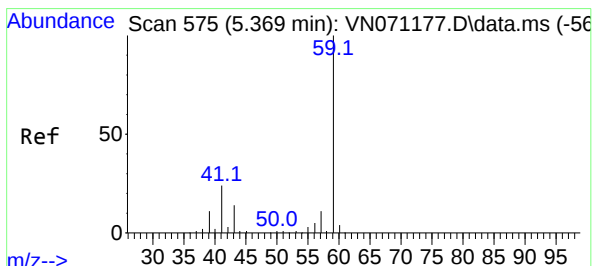
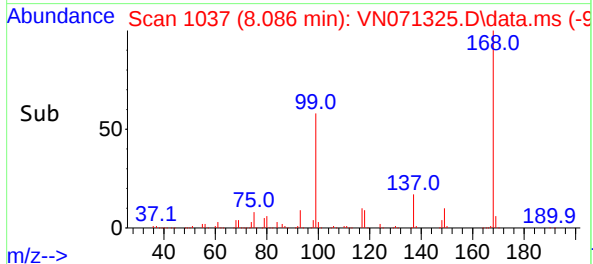
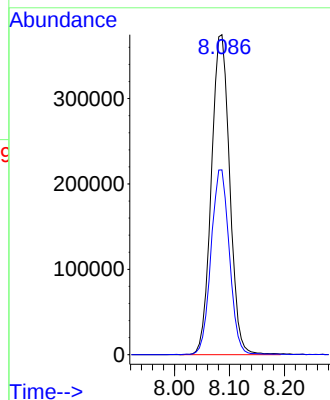
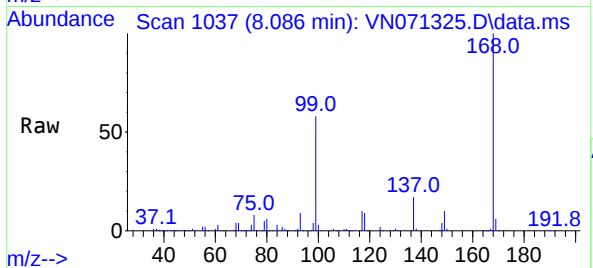




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VN071325.D
Acq: 16 Mar 2022 17:12

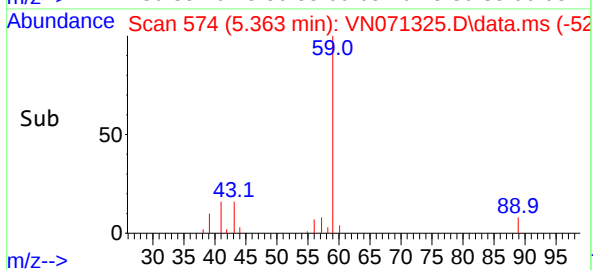
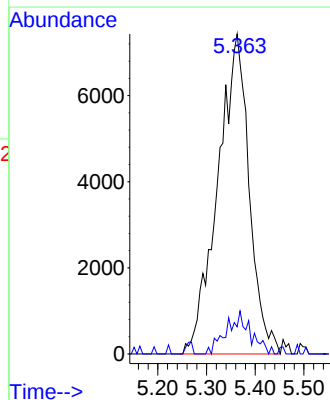
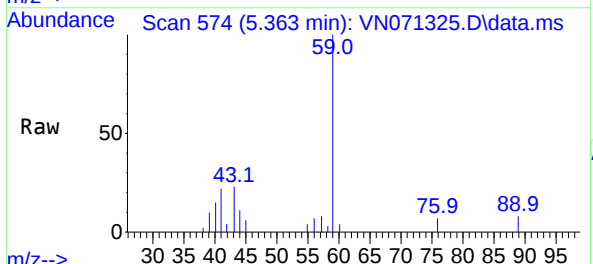
Instrument :
MSVOA_N
ClientSampleId :
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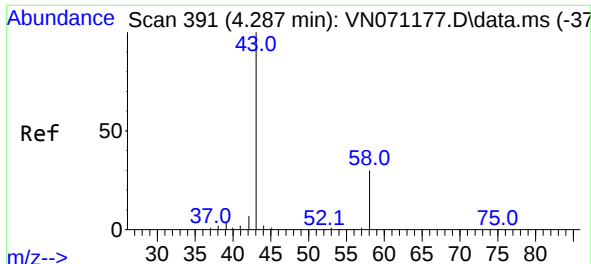
Tgt Ion:168 Resp: 869849
Ion Ratio Lower Upper
168 100
99 57.7 41.3 61.9



#11
Tert butyl alcohol
Concen: 14.237 ug/l
RT: 5.363 min Scan# 574
Delta R.T. -0.006 min
Lab File: VN071325.D
Acq: 16 Mar 2022 17:12

Tgt Ion: 59 Resp: 33343
Ion Ratio Lower Upper
59 100
57 5.1 8.7 13.1#

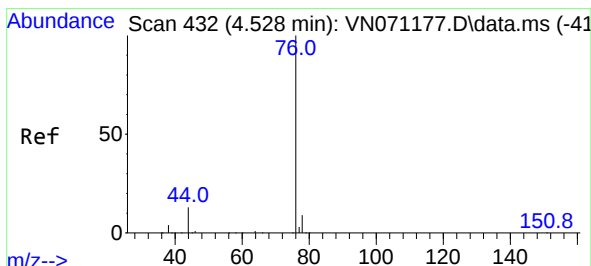
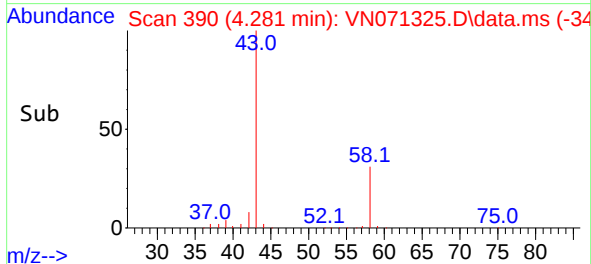
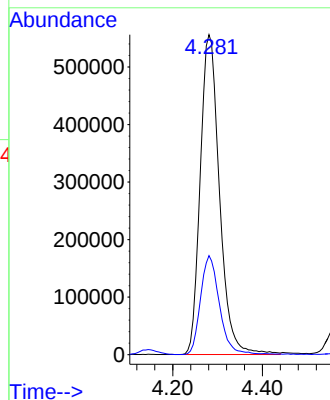
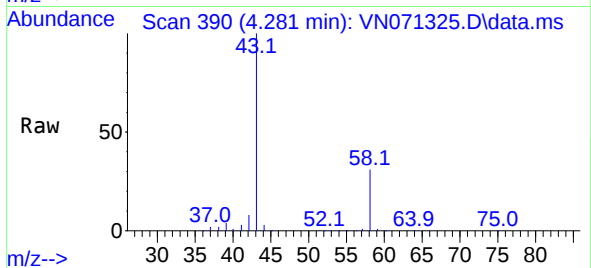




#16
Acetone
Concen: 285.452 ug/l
RT: 4.281 min Scan# 391
Delta R.T. -0.006 min
Lab File: VN071325.D
Acq: 16 Mar 2022 17:12

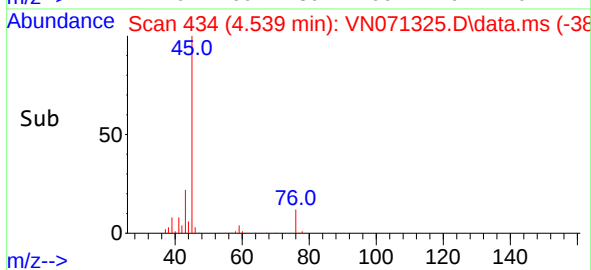
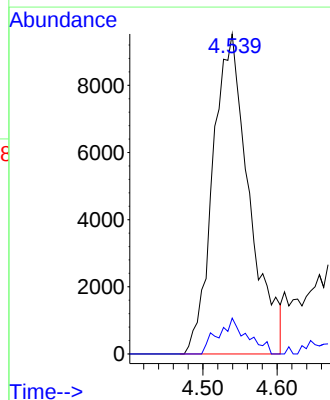
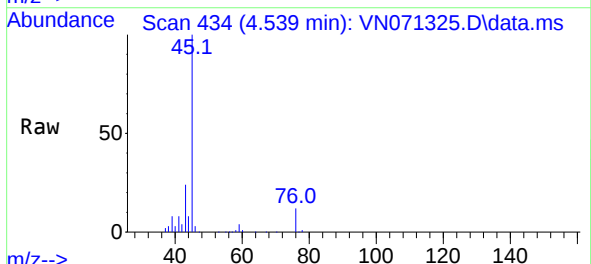
Instrument :
MSVOA_N
ClientSampleId :
2822-B

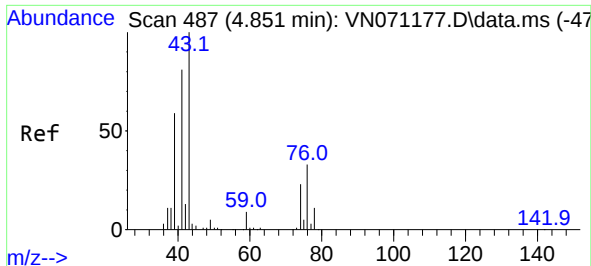
Tgt Ion: 43 Resp: 1655812
Ion Ratio Lower Upper
43 100
58 30.9 23.1 34.7



#17
Carbon Disulfide
Concen: 1.305 ug/l
RT: 4.539 min Scan# 434
Delta R.T. 0.012 min
Lab File: VN071325.D
Acq: 16 Mar 2022 17:12

Tgt Ion: 76 Resp: 32402
Ion Ratio Lower Upper
76 100
78 11.2 7.5 11.3

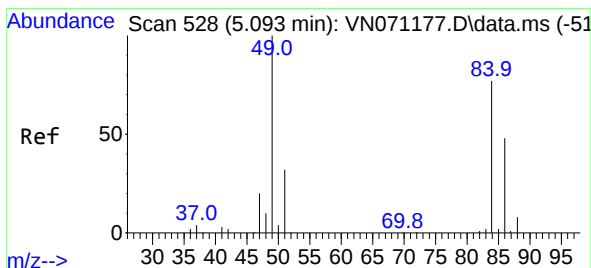
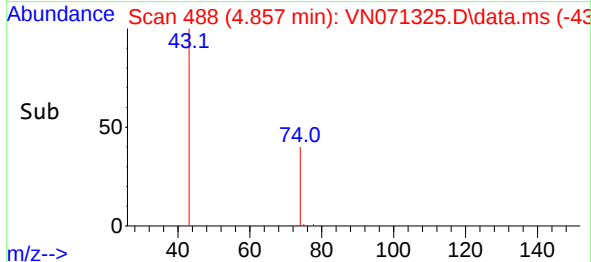
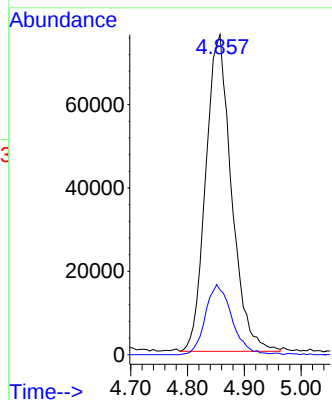
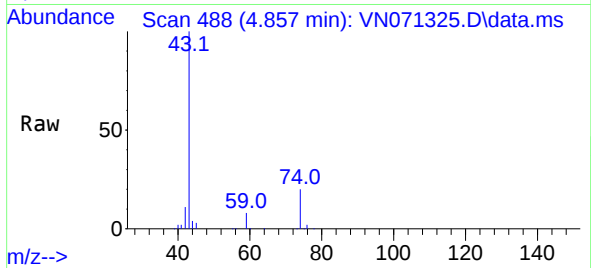




#18
Methyl Acetate
Concen: 15.707 ug/l
RT: 4.857 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN071325.D
Acq: 16 Mar 2022 17:12

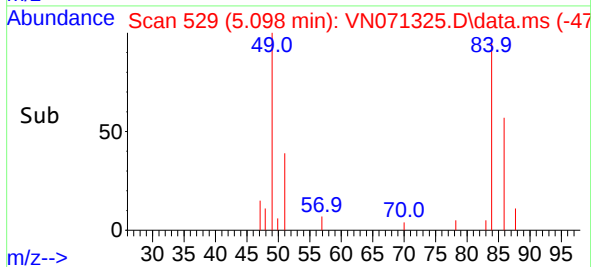
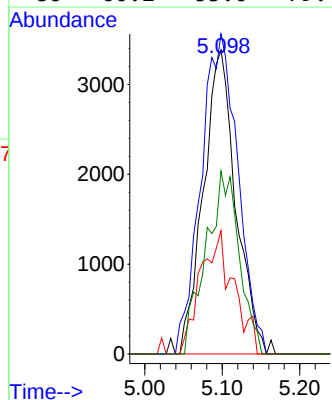
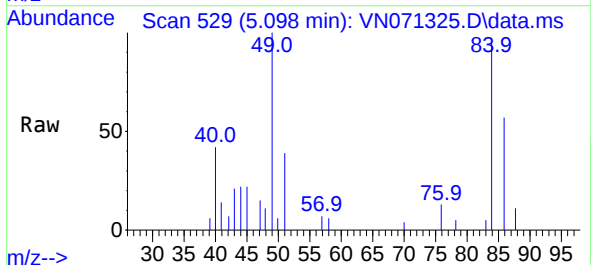
Instrument :
MSVOA_N
ClientSampleId :
2822-B

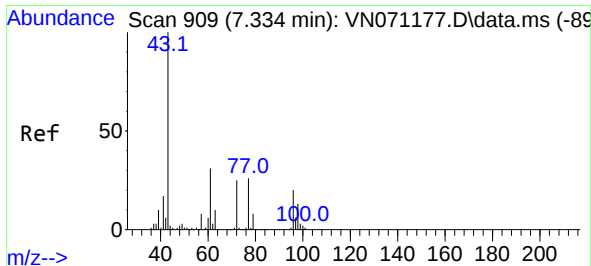
Tgt Ion: 43 Resp: 239617
Ion Ratio Lower Upper
43 100
74 22.7 19.4 29.2



#20
Methylene Chloride
Concen: 1.306 ug/l
RT: 5.098 min Scan# 529
Delta R.T. 0.005 min
Lab File: VN071325.D
Acq: 16 Mar 2022 17:12

Tgt Ion: 84 Resp: 9868
Ion Ratio Lower Upper
84 100
49 105.3 93.5 140.3
51 40.6 29.4 44.2
86 60.2 53.0 79.4

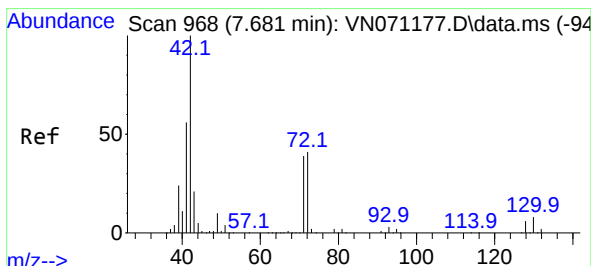
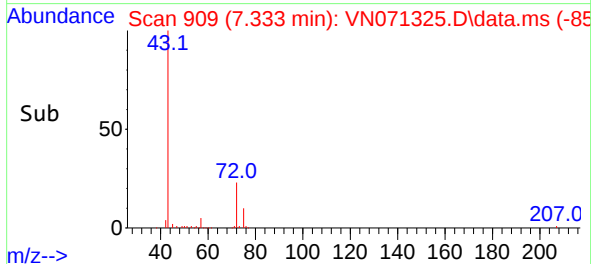
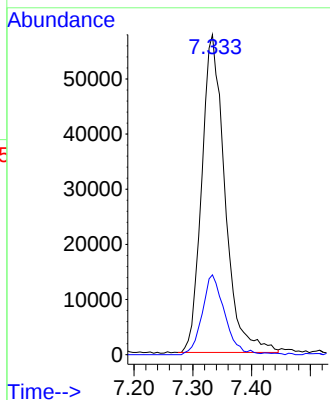
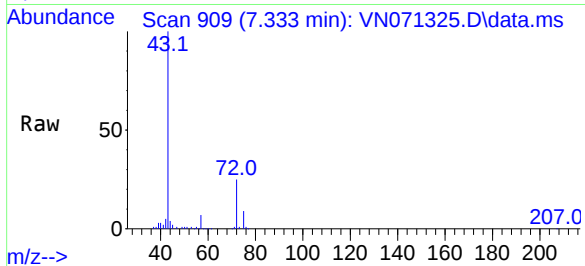




#25
2-Butanone
Concen: 16.932 ug/l
RT: 7.333 min Scan# 909
Delta R.T. -0.000 min
Lab File: VN071325.D
Acq: 16 Mar 2022 17:12

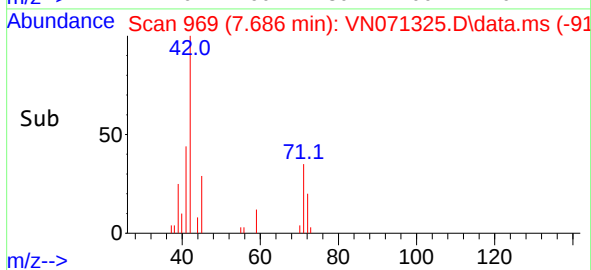
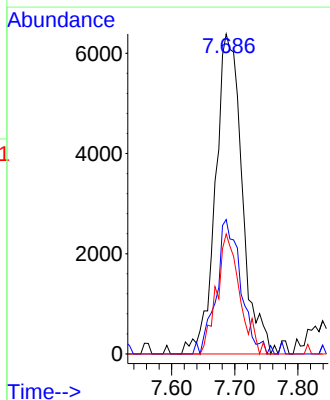
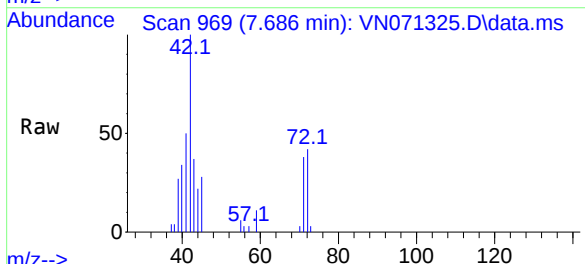
Instrument :
MSVOA_N
ClientSampleId :
2822-B

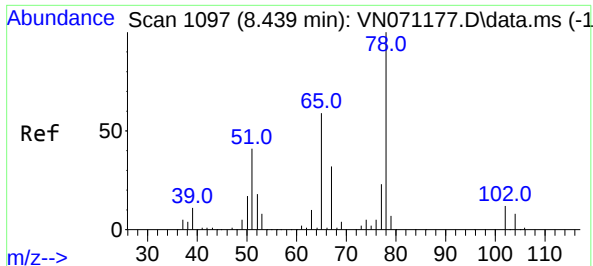
Tgt Ion: 43 Resp: 158220
Ion Ratio Lower Upper
43 100
72 25.1 21.7 32.5



#29
Tetrahydrofuran
Concen: 2.896 ug/l
RT: 7.686 min Scan# 969
Delta R.T. 0.006 min
Lab File: VN071325.D
Acq: 16 Mar 2022 17:12

Tgt Ion: 42 Resp: 18744
Ion Ratio Lower Upper
42 100
72 38.7 36.3 54.5
71 32.3 34.7 52.1#

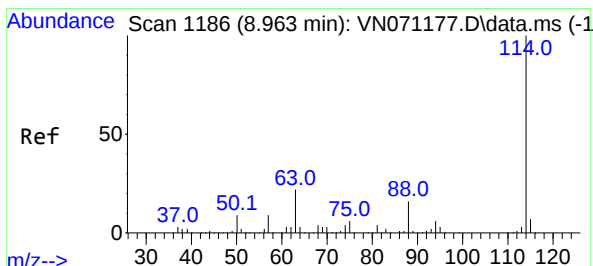
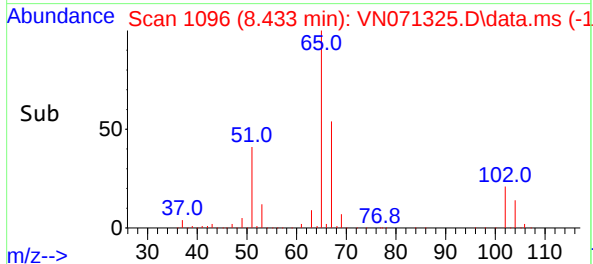
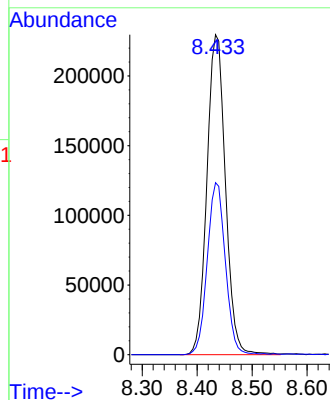
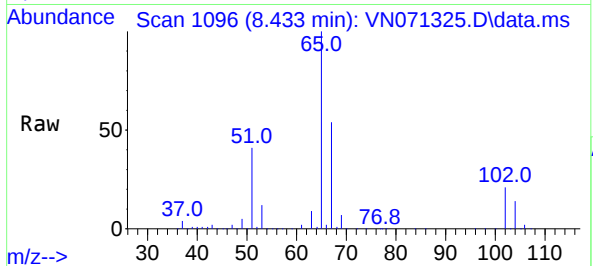




#33
1,2-Dichloroethane-d4
Concen: 45.120 ug/l
RT: 8.433 min Scan# 1097
Delta R.T. -0.006 min
Lab File: VN071325.D
Acq: 16 Mar 2022 17:12

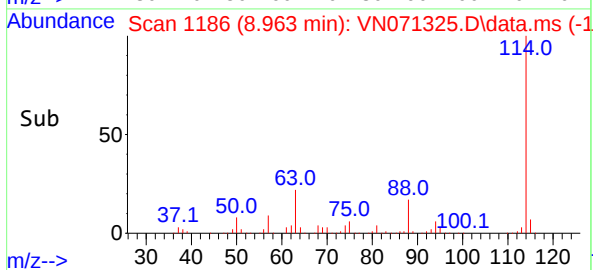
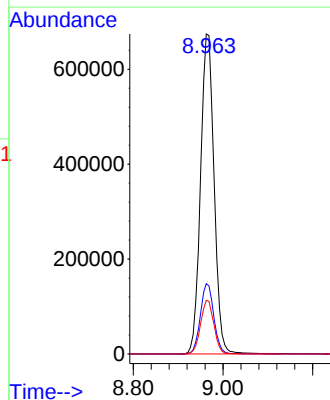
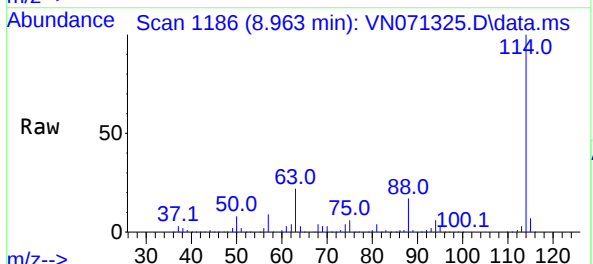
Instrument :
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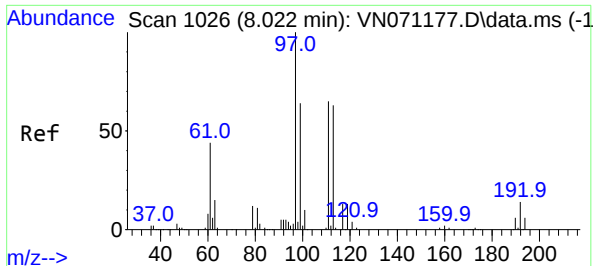
Tgt Ion: 65 Resp: 537897
Ion Ratio Lower Upper
65 100
67 52.6 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071325.D
Acq: 16 Mar 2022 17:12

Tgt Ion:114 Resp: 1415674
Ion Ratio Lower Upper
114 100
63 22.0 0.0 37.8
88 16.8 0.0 27.4

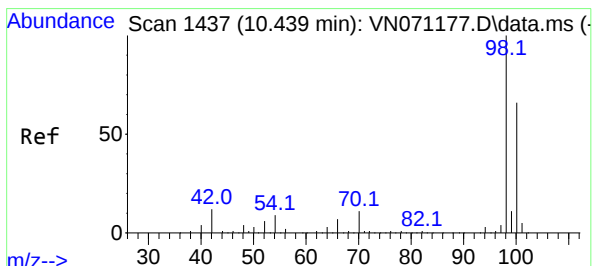
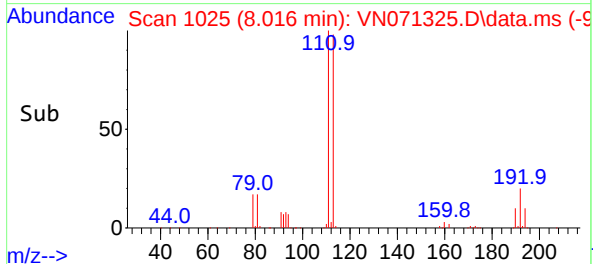
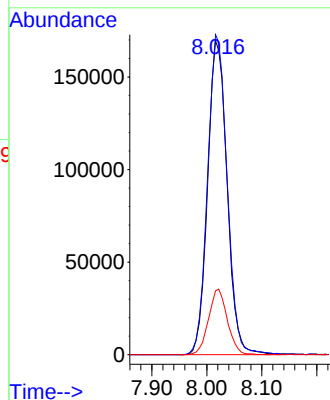
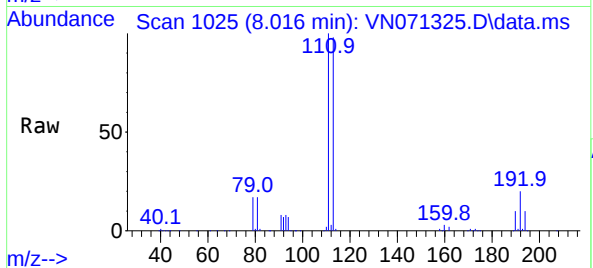




#35
Dibromofluoromethane
Concen: 46.547 ug/l
RT: 8.016 min Scan# 1026
Delta R.T. -0.006 min
Lab File: VN071325.D
Acq: 16 Mar 2022 17:12

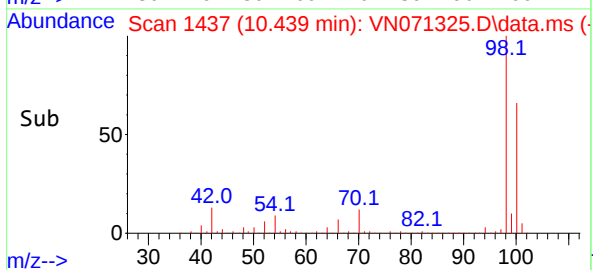
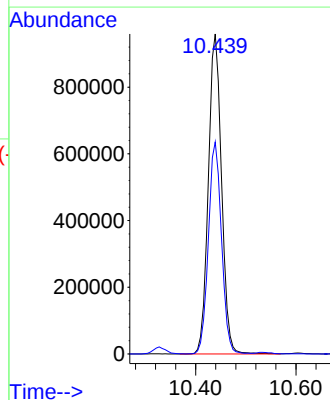
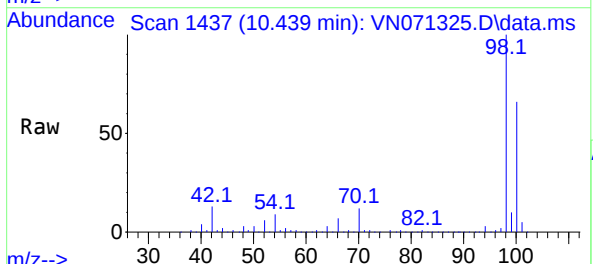
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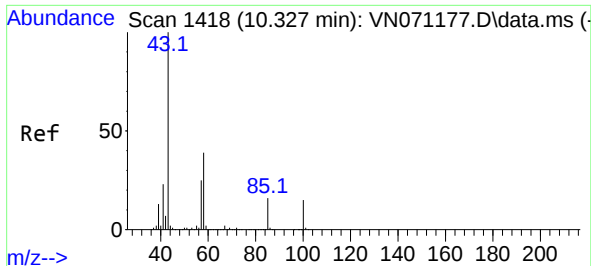
Tgt Ion:113 Resp: 415821
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.2
192 20.2 16.9 25.3



#50
Toluene-d8
Concen: 48.774 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071325.D
Acq: 16 Mar 2022 17:12

Tgt Ion: 98 Resp: 1754315
Ion Ratio Lower Upper
98 100
100 65.8 50.4 75.6

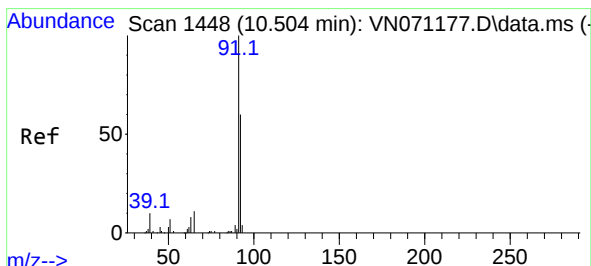
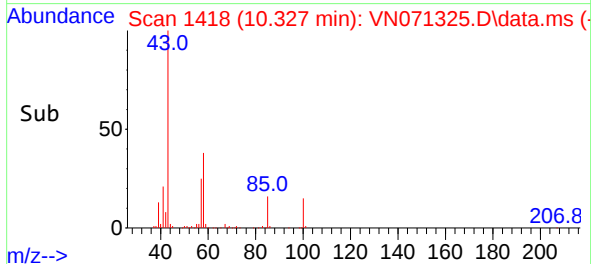
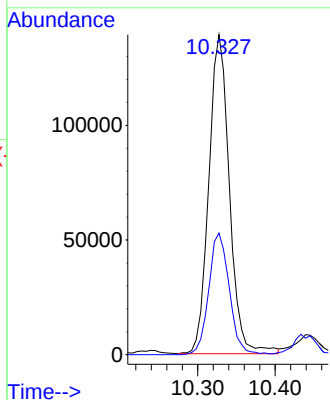
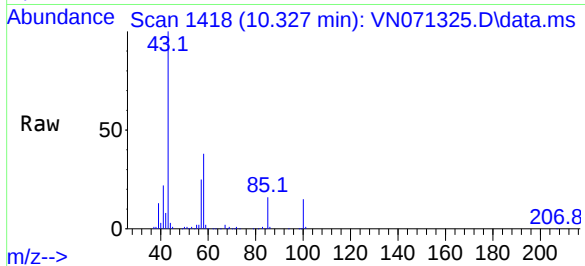




#51
4-Methyl-2-Pentanone
Concen: 14.063 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN071325.D
Acq: 16 Mar 2022 17:12

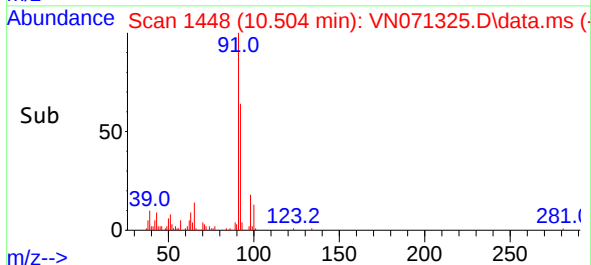
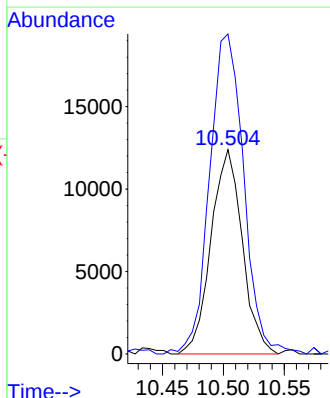
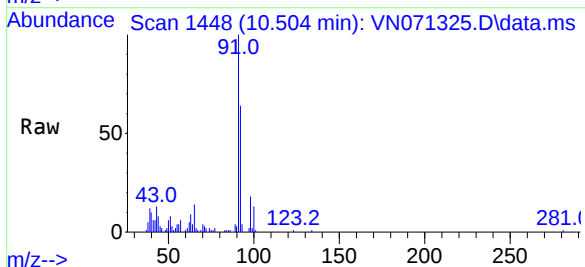
Instrument :
MSVOA_N
ClientSampleId :
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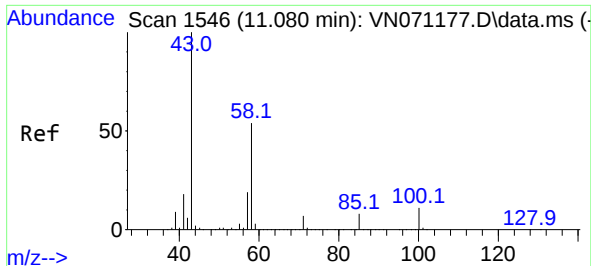
Tgt Ion: 43 Resp: 257083
Ion Ratio Lower Upper
43 100
58 38.1 30.4 45.6



#52
Toluene
Concen: 0.834 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN071325.D
Acq: 16 Mar 2022 17:12

Tgt Ion: 92 Resp: 22155
Ion Ratio Lower Upper
92 100
91 170.9 142.0 213.0

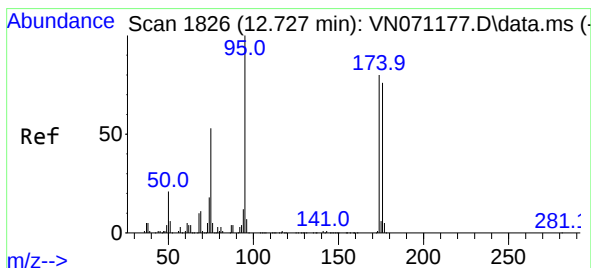
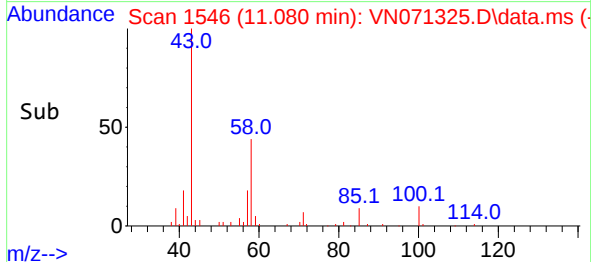
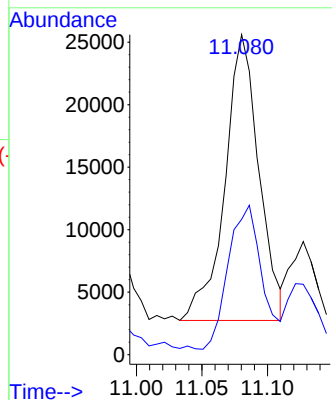
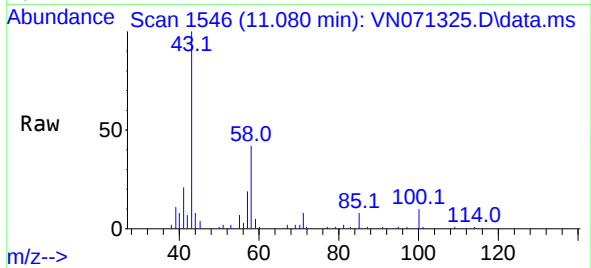




#59
2-Hexanone
Concen: 3.305 ug/l
RT: 11.080 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN071325.D
Acq: 16 Mar 2022 17:12

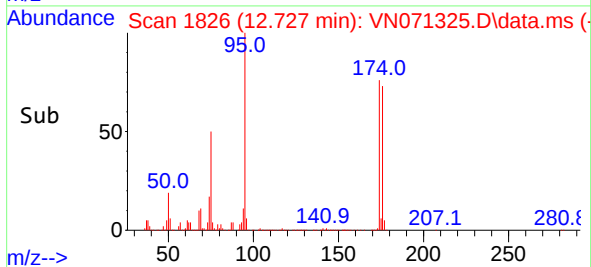
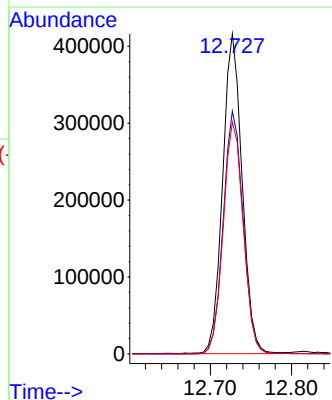
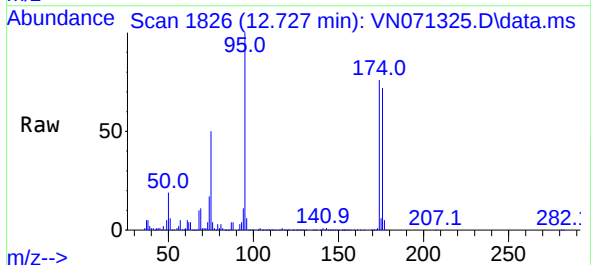
Instrument :
MSVOA_N
ClientSampleId :
2822-B

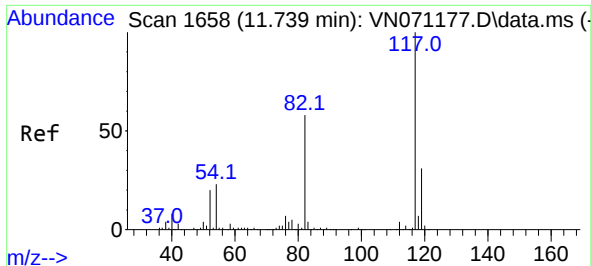
Tgt Ion: 43 Resp: 41220
Ion Ratio Lower Upper
43 100
58 50.7 26.9 80.7



#62
4-Bromofluorobenzene
Concen: 56.912 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071325.D
Acq: 16 Mar 2022 17:12

Tgt Ion: 95 Resp: 693178
Ion Ratio Lower Upper
95 100
174 77.8 0.0 187.2
176 74.7 0.0 181.4

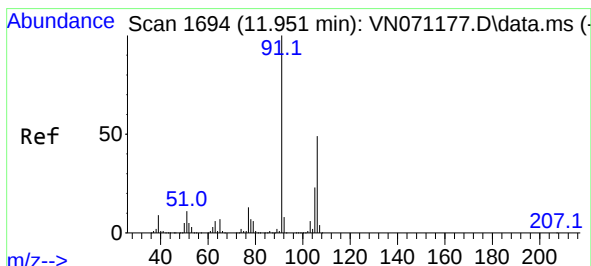
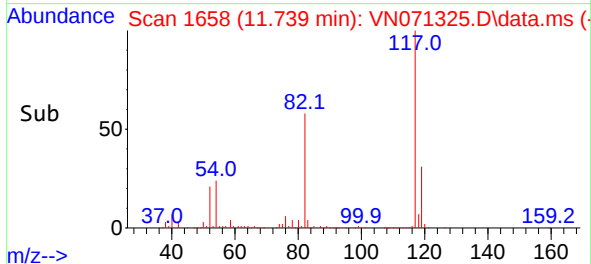
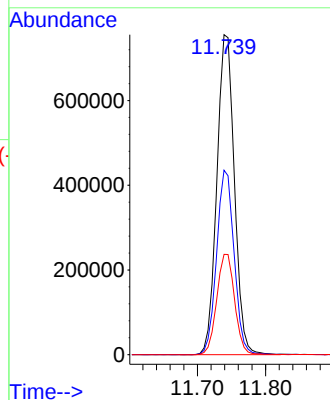
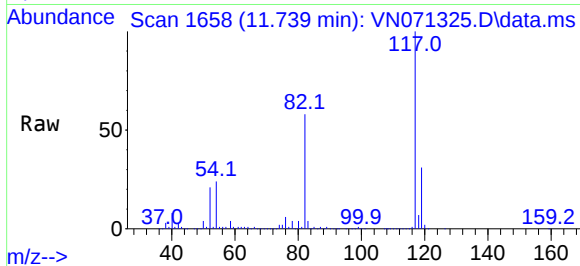




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN071325.D
Acq: 16 Mar 2022 17:12

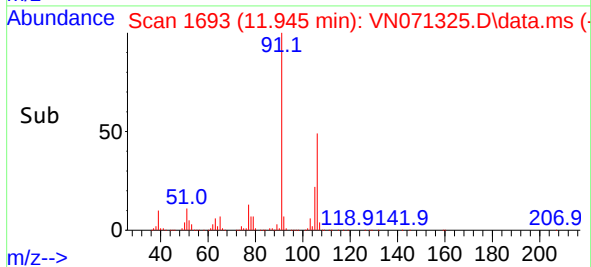
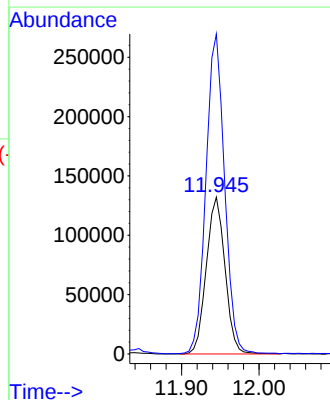
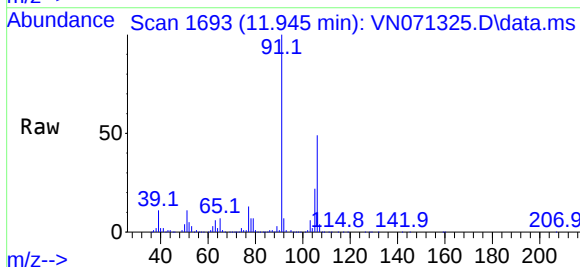
Instrument :
MSVOA_N
ClientSampleId :
2822-B

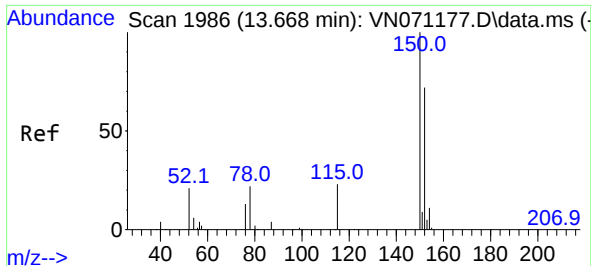
Tgt Ion:117 Resp: 1354815
Ion Ratio Lower Upper
117 100
82 57.6 42.4 63.6
119 31.4 25.4 38.2



#68
m/p-Xylenes
Concen: 11.763 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN071325.D
Acq: 16 Mar 2022 17:12

Tgt Ion:106 Resp: 221376
Ion Ratio Lower Upper
106 100
91 202.8 160.6 240.8

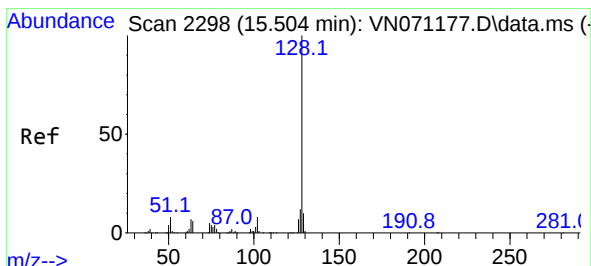
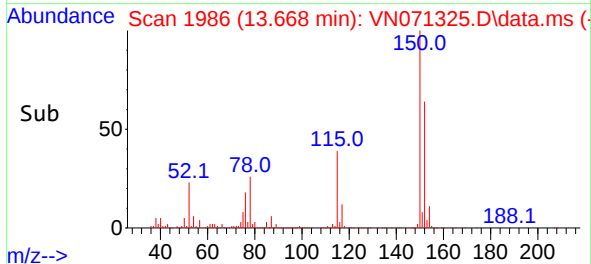
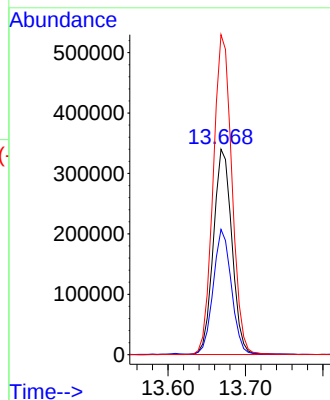
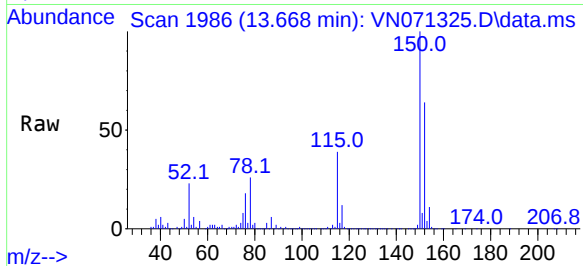




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071325.D
Acq: 16 Mar 2022 17:12

Instrument :
MSVOA_N
ClientSampleId :
2822-B

Tgt Ion:152 Resp: 562732
Ion Ratio Lower Upper
152 100
115 60.0 27.5 82.5
150 158.0 0.0 344.4



#95
Naphthalene
Concen: 5.712 ug/l
RT: 15.503 min Scan# 2298
Delta R.T. -0.001 min
Lab File: VN071325.D
Acq: 16 Mar 2022 17:12

Tgt Ion:128 Resp: 18491
Ion Ratio Lower Upper
128 100
127 21.3 10.5 15.7#
129 12.0 8.7 13.1

