

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031622\
 Data File : VN071331.D
 Acq On : 16 Mar 2022 19:37
 Operator : JC\MD
 Sample : N1957-13
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 D-13

Quant Time: Mar 17 05:21:02 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)

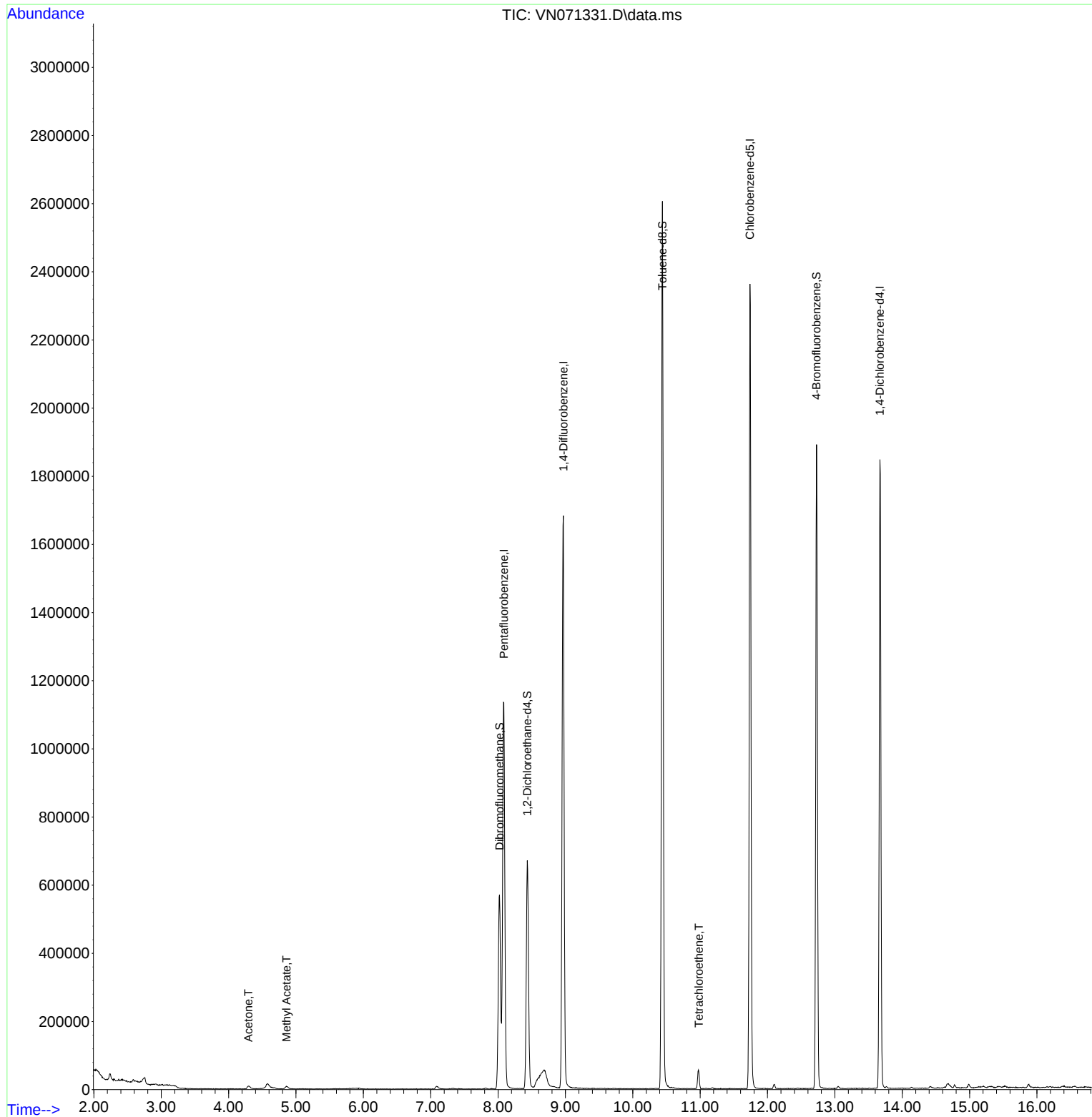
Internal Standards						
1) Pentafluorobenzene	8.086	168	886846	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.969	114	1469013	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1375731	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	513625	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	560073	46.079	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.160%
35) Dibromofluoromethane	8.022	113	420367	45.347	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	90.700%
50) Toluene-d8	10.439	98	1790241	47.965	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.940%
62) 4-Bromofluorobenzene	12.727	95	673856	53.317	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	106.640%
Target Compounds						
					Qvalue	
16) Acetone	4.293	43	13188	2.230	ug/l	99
18) Methyl Acetate	4.857	43	17703	1.574	ug/l	93
64) Tetrachloroethene	10.980	164	13107	1.366	ug/l	89

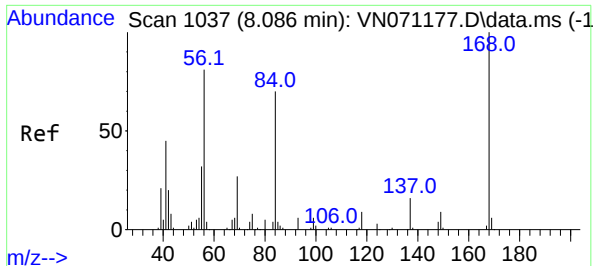
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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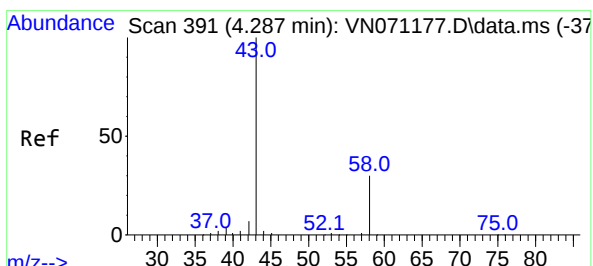
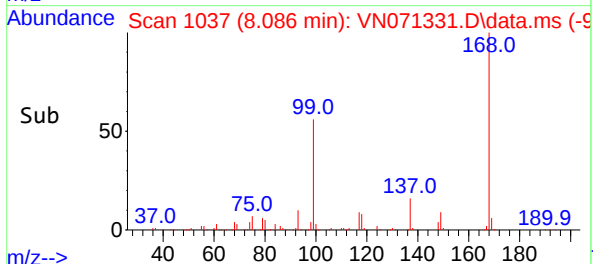
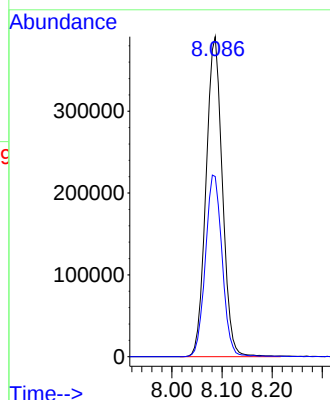
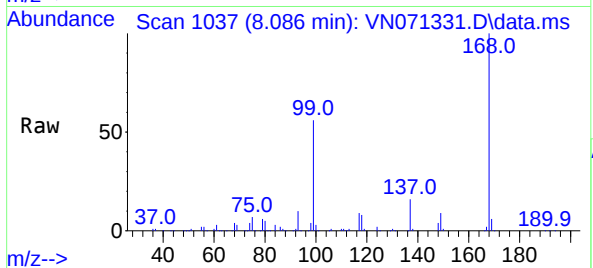




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 10
Delta R.T. 0.000 min
Lab File: VN071331.D
Acq: 16 Mar 2022 19:37

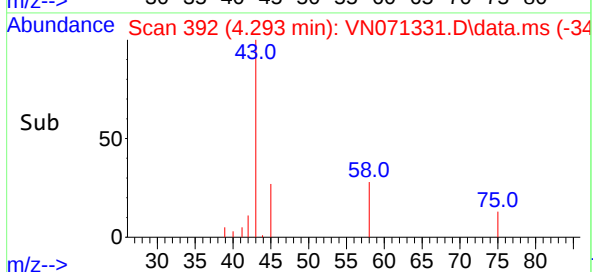
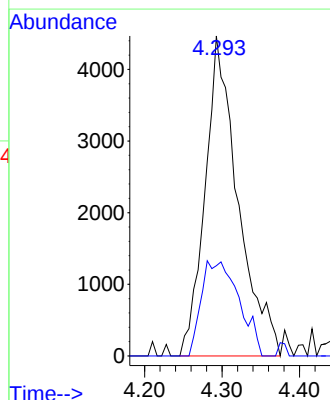
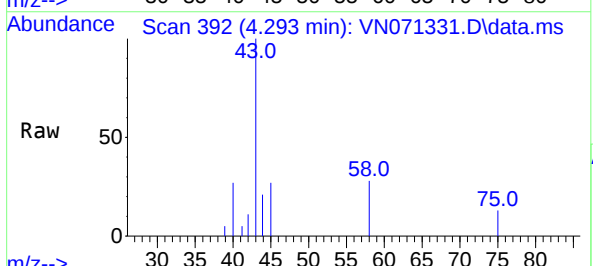
Instrument :
MSVOA_N
ClientSampleId :
D-13

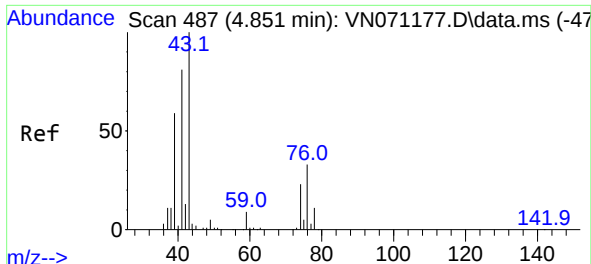
Tgt Ion:168 Resp: 886846
Ion Ratio Lower Upper
168 100
99 56.3 41.3 61.9



#16
Acetone
Concen: 2.230 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.006 min
Lab File: VN071331.D
Acq: 16 Mar 2022 19:37

Tgt Ion: 43 Resp: 13188
Ion Ratio Lower Upper
43 100
58 28.2 23.1 34.7

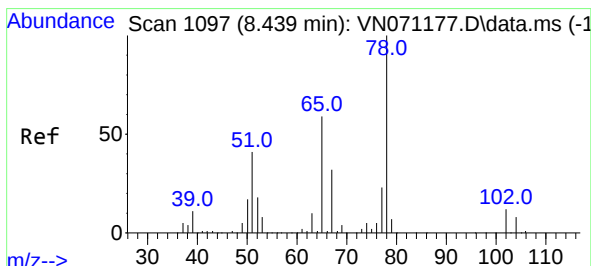
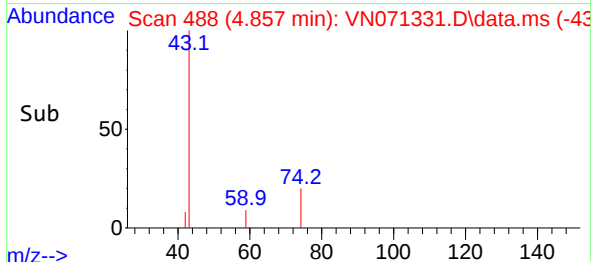
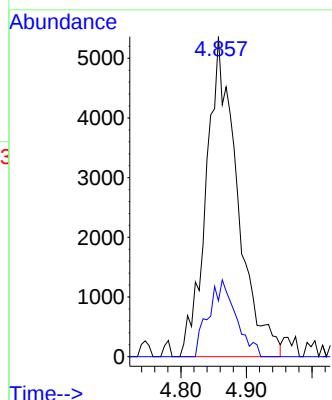
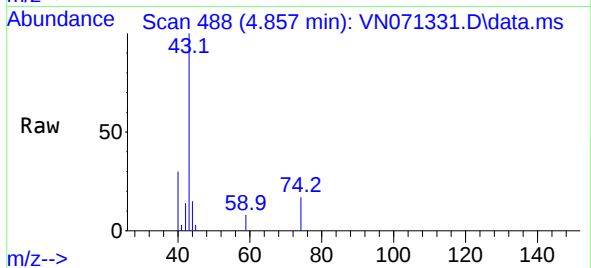




#18
Methyl Acetate
Concen: 1.574 ug/l
RT: 4.857 min Scan# 488
Delta R.T. 0.006 min
Lab File: VN071331.D
Acq: 16 Mar 2022 19:37

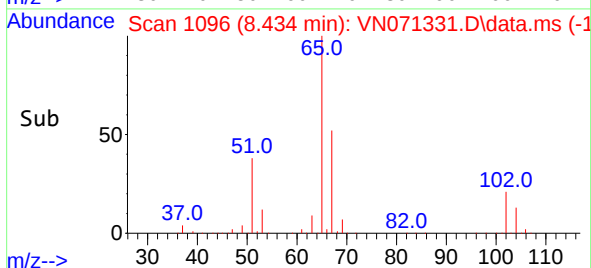
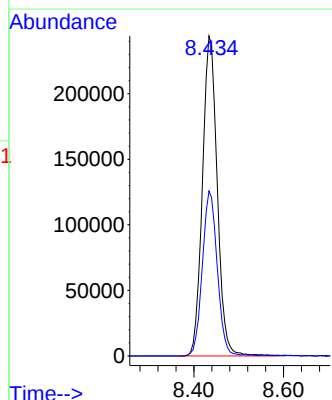
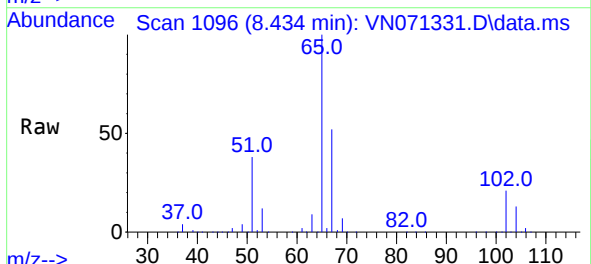
Instrument :
MSVOA_N
ClientSampleId :
D-13

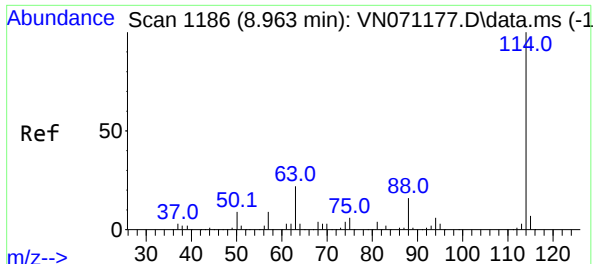
Tgt Ion: 43 Resp: 17703
Ion Ratio Lower Upper
43 100
74 21.0 19.4 29.2



#33
1,2-Dichloroethane-d4
Concen: 46.079 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.006 min
Lab File: VN071331.D
Acq: 16 Mar 2022 19:37

Tgt Ion: 65 Resp: 560073
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.0

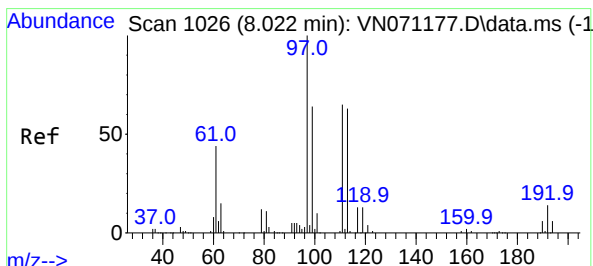
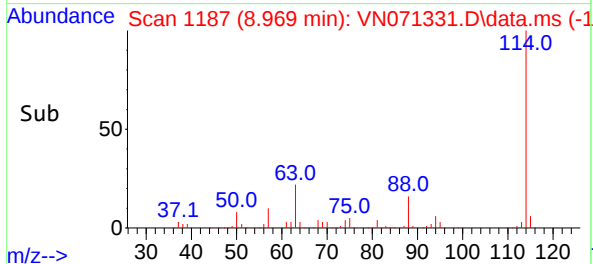
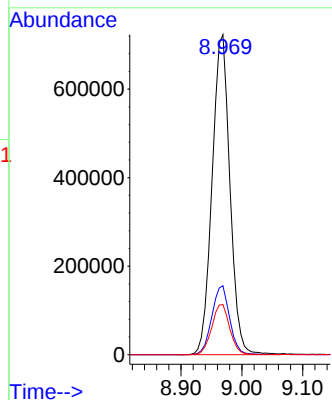
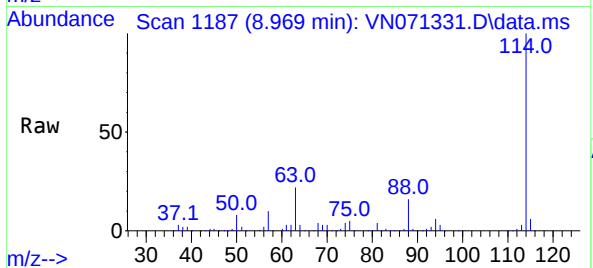




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.969 min Scan# 1186
Delta R.T. 0.006 min
Lab File: VN071331.D
Acq: 16 Mar 2022 19:37

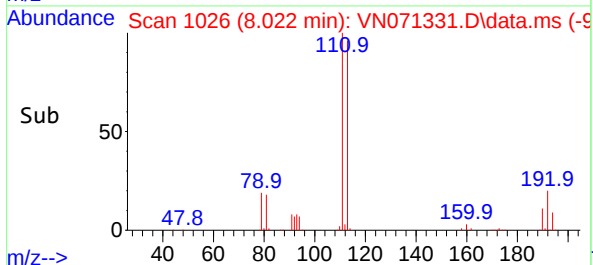
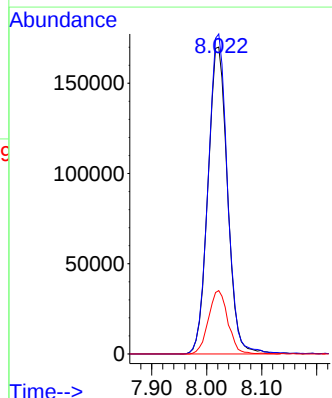
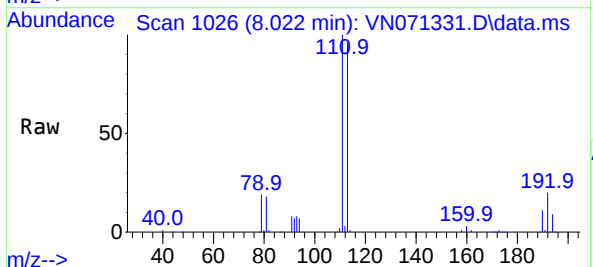
Instrument :
MSVOA_N
ClientSampleId :
D-13

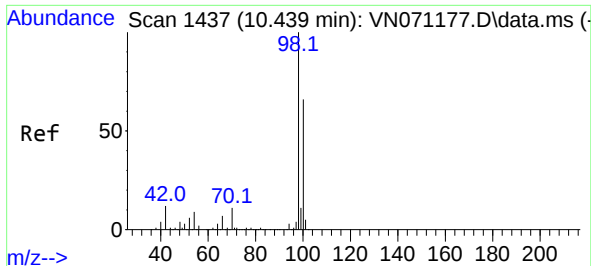
Tgt Ion:114 Resp: 1469013
Ion Ratio Lower Upper
114 100
63 21.5 0.0 37.8
88 15.7 0.0 27.4



#35
Dibromofluoromethane
Concen: 45.347 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.000 min
Lab File: VN071331.D
Acq: 16 Mar 2022 19:37

Tgt Ion:113 Resp: 420367
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.2
192 20.4 16.9 25.3

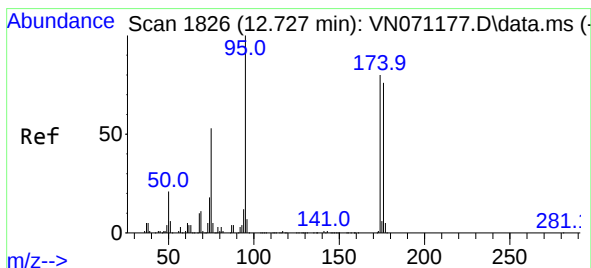
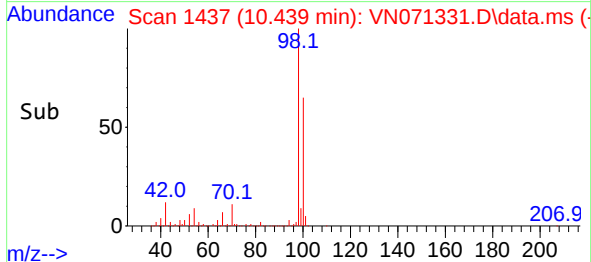
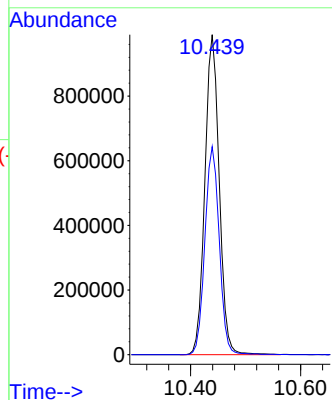
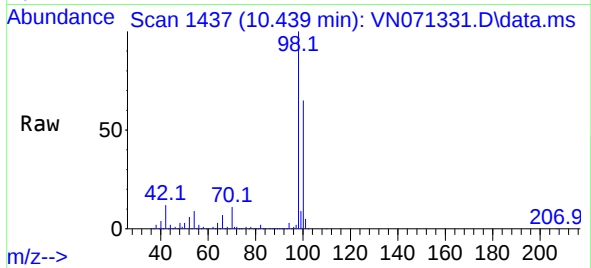




#50
Toluene-d8
Concen: 47.965 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071331.D
Acq: 16 Mar 2022 19:37

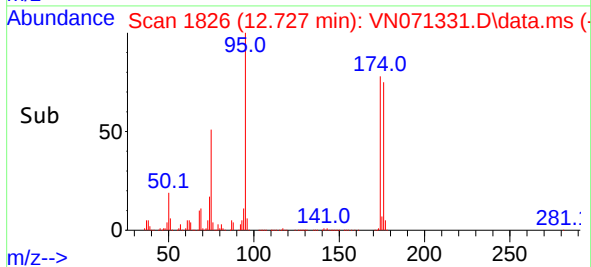
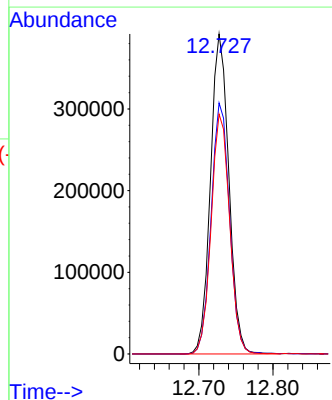
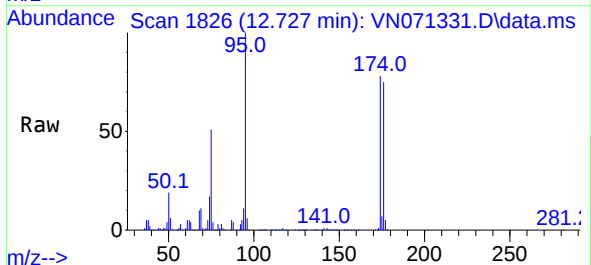
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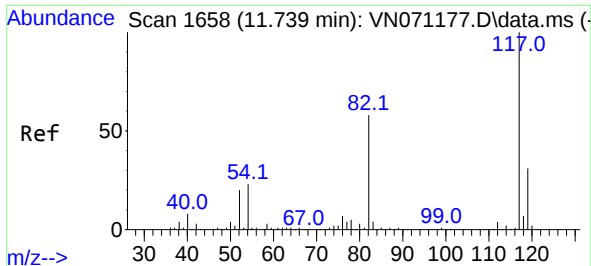
Tgt Ion: 98 Resp: 1790241
Ion Ratio Lower Upper
98 100
100 65.3 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 53.317 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071331.D
Acq: 16 Mar 2022 19:37

Tgt Ion: 95 Resp: 673856
Ion Ratio Lower Upper
95 100
174 78.8 0.0 187.2
176 75.4 0.0 181.4

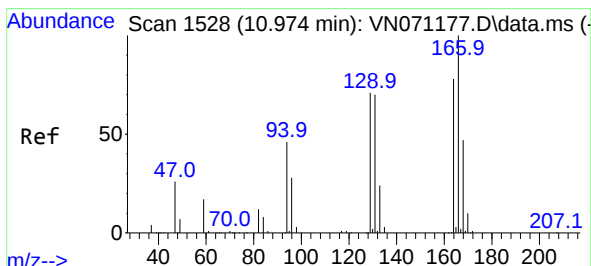
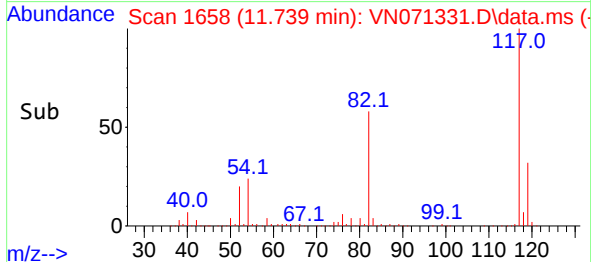
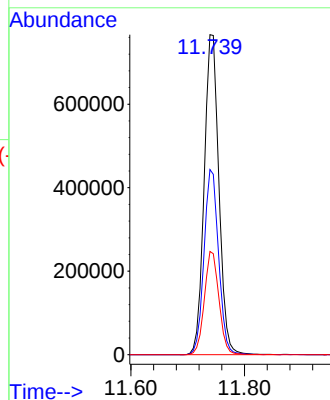
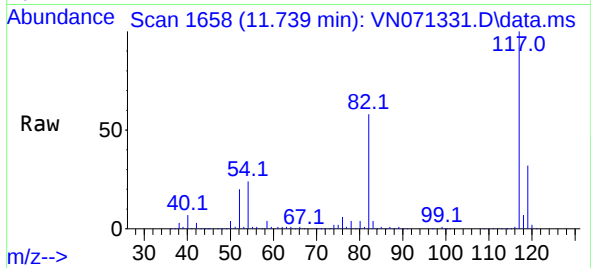




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN071331.D
Acq: 16 Mar 2022 19:37

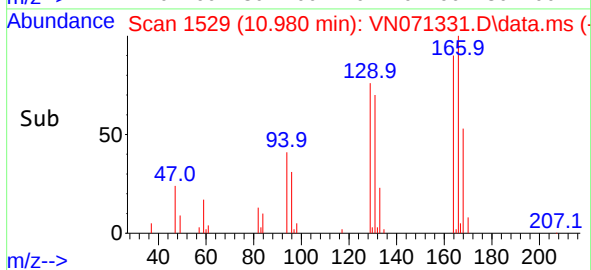
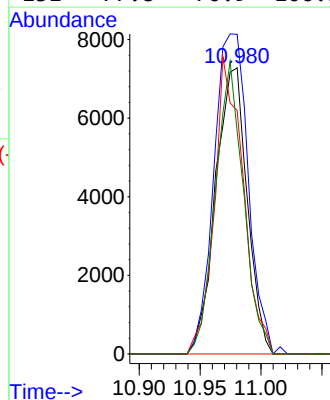
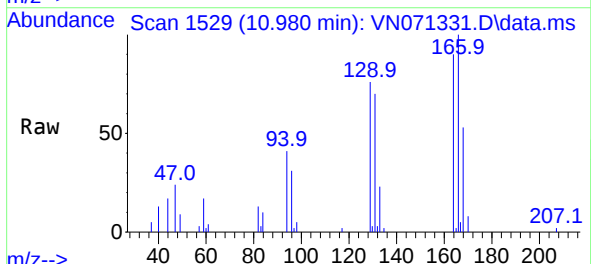
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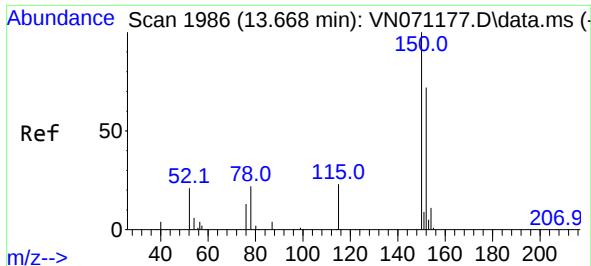
Tgt Ion:117 Resp: 1375731
Ion Ratio Lower Upper
117 100
82 57.8 42.4 63.6
119 32.3 25.4 38.2



#64
Tetrachloroethene
Concen: 1.366 ug/l
RT: 10.980 min Scan# 1529
Delta R.T. 0.006 min
Lab File: VN071331.D
Acq: 16 Mar 2022 19:37

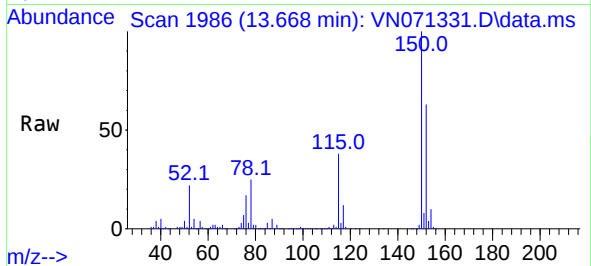
Tgt Ion:164 Resp: 13107
Ion Ratio Lower Upper
164 100
166 111.7 101.9 152.9
129 85.1 72.0 108.0
131 77.8 70.9 106.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.668 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN071331.D
 Acq: 16 Mar 2022 19:37

Instrument :
 MSVOA_N
 ClientSampleId :
 D-13



Tgt Ion:152 Resp: 513625
 Ion Ratio Lower Upper
 152 100
 115 59.9 27.5 82.5
 150 156.8 0.0 344.4

