

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041322\
 Data File : VN071980.D
 Acq On : 13 Apr 2022 16:52
 Operator : JC\MD
 Sample : N2349-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DEL-4

Quant Time: Apr 14 02:35:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

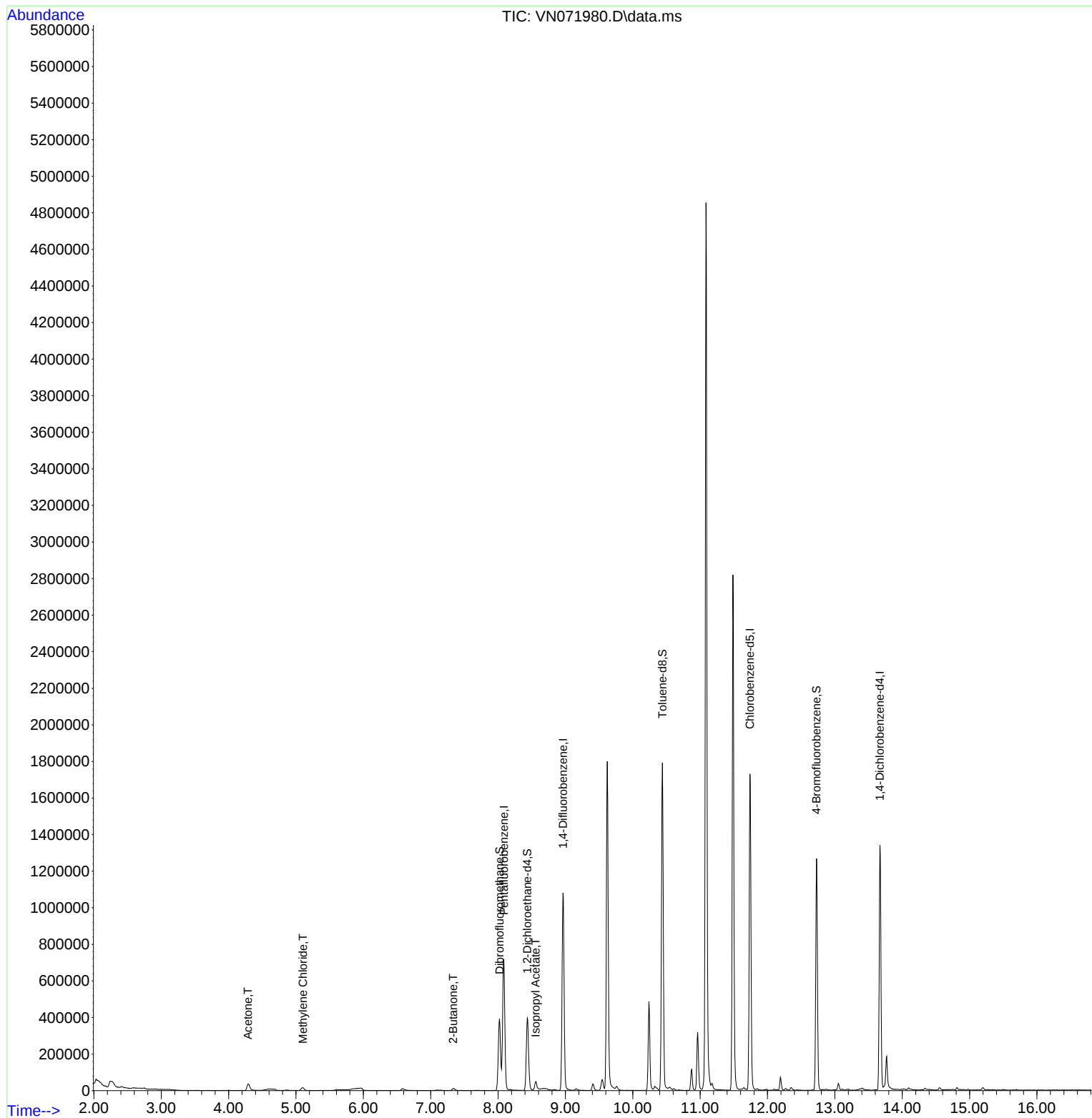
Internal Standards						
1) Pentafluorobenzene	8.086	168	600523	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1034669	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1099426	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	412762	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	325976	47.548	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.100%
35) Dibromofluoromethane	8.022	113	292934	48.113	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.220%
50) Toluene-d8	10.439	98	1338406	53.737	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	107.480%
62) 4-Bromofluorobenzene	12.727	95	460736	57.198	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	114.400%
Target Compounds						
					Qvalue	
16) Acetone	4.287	43	68042	23.224	ug/l	92
20) Methylene Chloride	5.104	84	14314	2.318	ug/l	89
25) 2-Butanone	7.333	43	21130	5.003	ug/l #	86
43) Isopropyl Acetate	8.557	43	58081	3.752	ug/l #	90

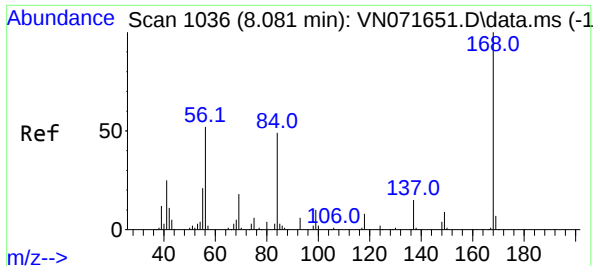
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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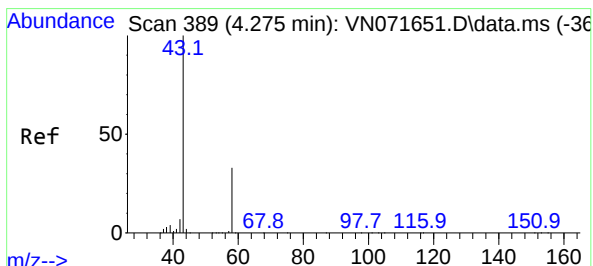
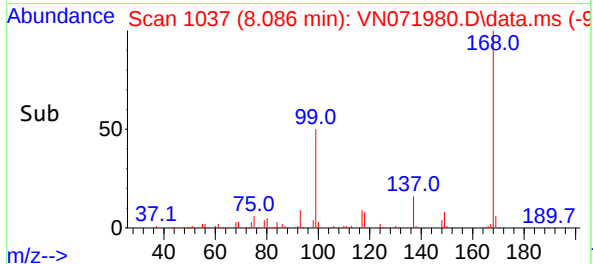
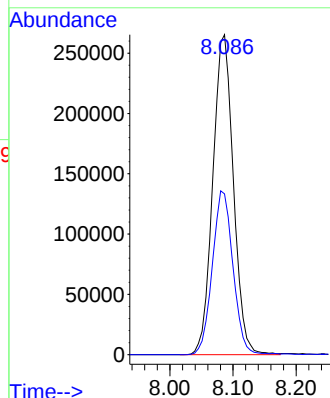
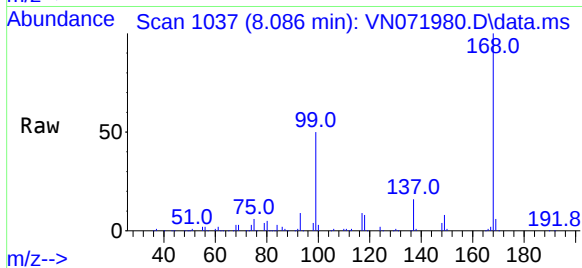




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1036
Delta R.T. 0.005 min
Lab File: VN071980.D
Acq: 13 Apr 2022 16:52

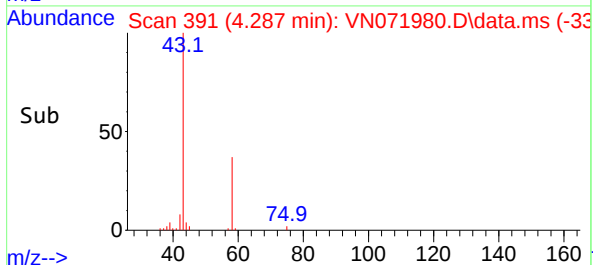
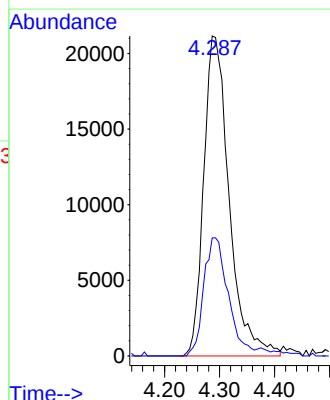
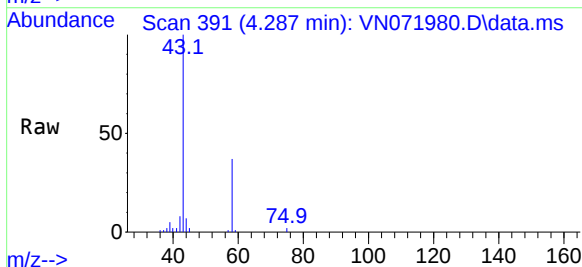
Instrument :
MSVOA_N
ClientSampleId :
DEL-4

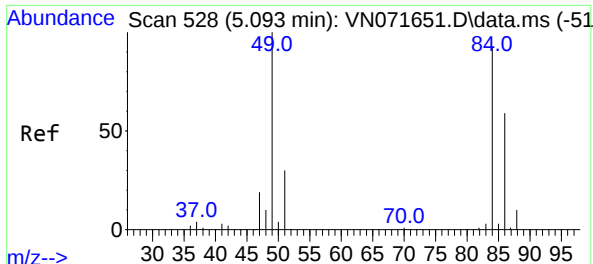
Tgt Ion:168 Resp: 600523
Ion Ratio Lower Upper
168 100
99 50.3 42.3 63.5



#16
Acetone
Concen: 23.224 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN071980.D
Acq: 13 Apr 2022 16:52

Tgt Ion: 43 Resp: 68042
Ion Ratio Lower Upper
43 100
58 36.9 26.0 39.0



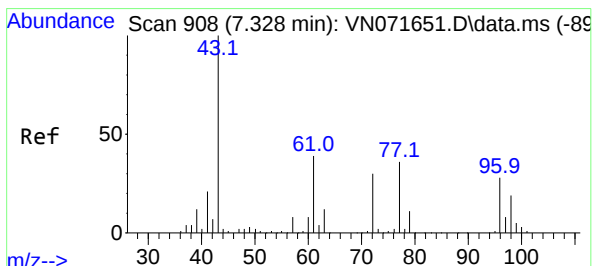
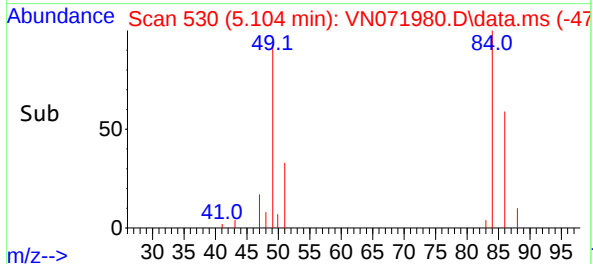
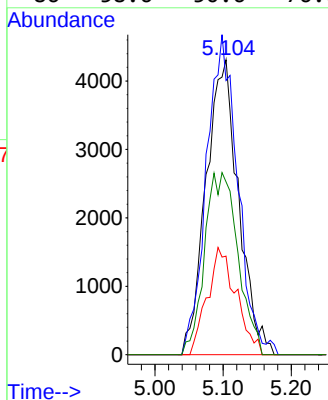
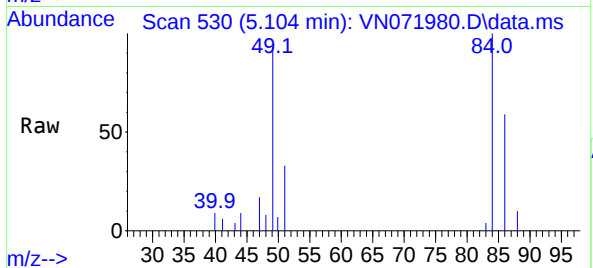


#20
Methylene Chloride
Concen: 2.318 ug/l
RT: 5.104 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN071980.D
Acq: 13 Apr 2022 16:52

Instrument :
MSVOA_N
ClientSampleId :
DEL-4

Tgt Ion: 84 Resp: 14314

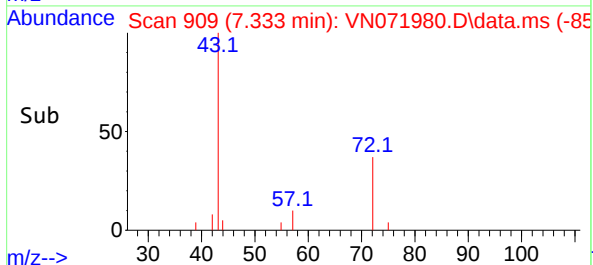
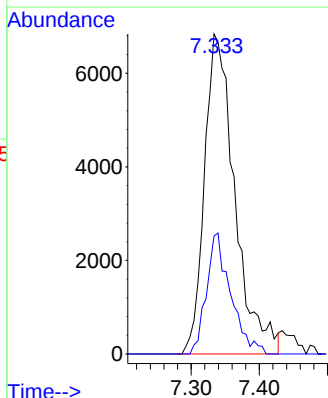
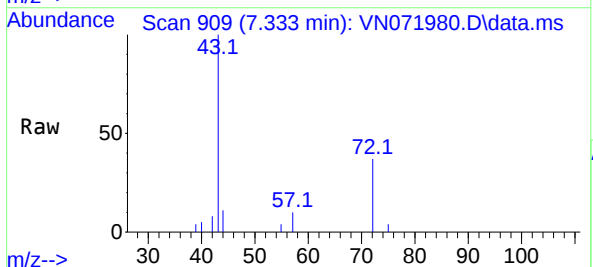
Ion	Ratio	Lower	Upper
84	100		
49	93.0	88.3	132.5
51	33.4	28.2	42.2
86	58.6	50.6	76.0

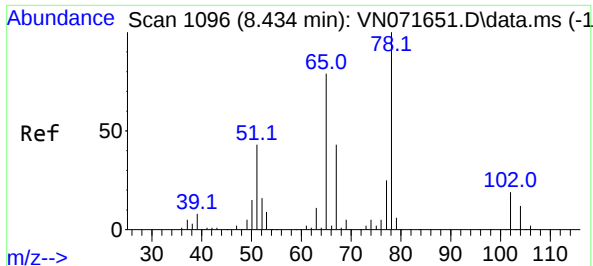


#25
2-Butanone
Concen: 5.003 ug/l
RT: 7.333 min Scan# 909
Delta R.T. 0.005 min
Lab File: VN071980.D
Acq: 13 Apr 2022 16:52

Tgt Ion: 43 Resp: 21130

Ion	Ratio	Lower	Upper
43	100		
72	36.9	23.7	35.5#

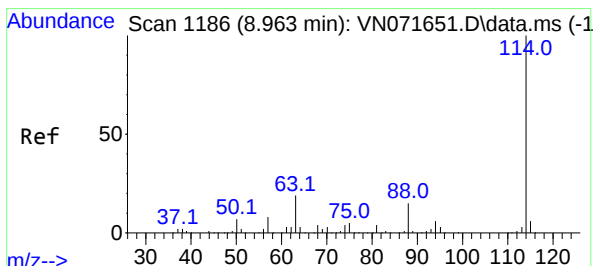
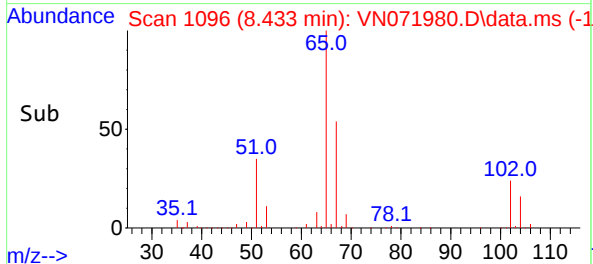
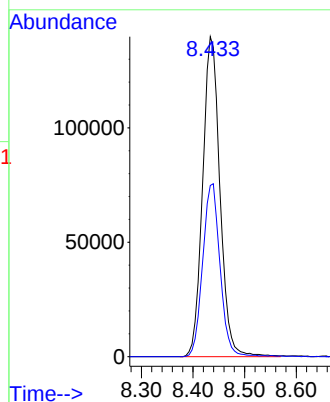
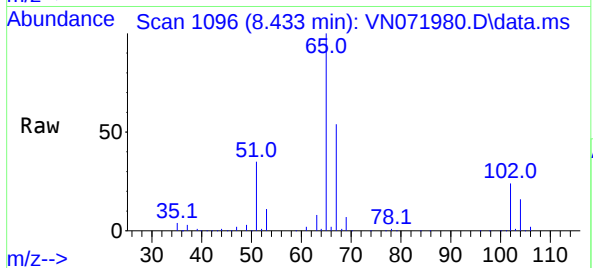




#33
1,2-Dichloroethane-d4
Concen: 47.548 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN071980.D
Acq: 13 Apr 2022 16:52

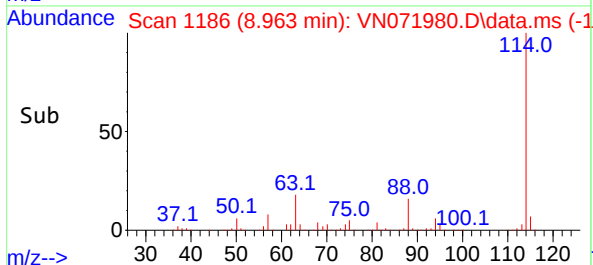
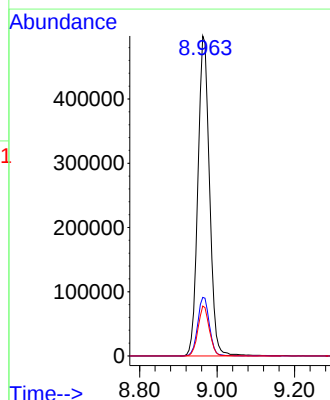
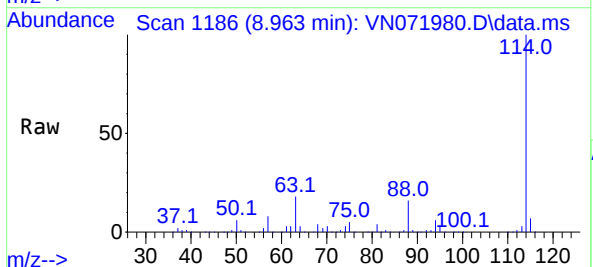
Instrument :
MSVOA_N
ClientSampleId :
DEL-4

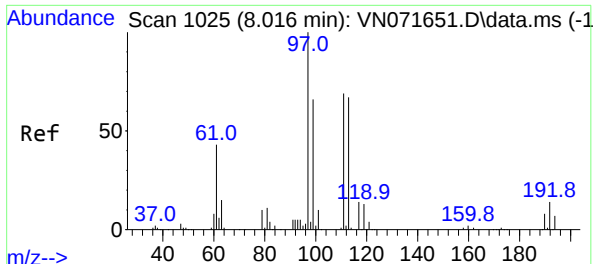
Tgt Ion: 65 Resp: 325976
Ion Ratio Lower Upper
65 100
67 54.0 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071980.D
Acq: 13 Apr 2022 16:52

Tgt Ion:114 Resp: 1034669
Ion Ratio Lower Upper
114 100
63 18.3 0.0 40.0
88 15.6 0.0 32.6

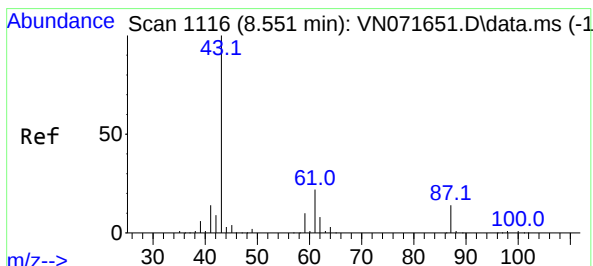
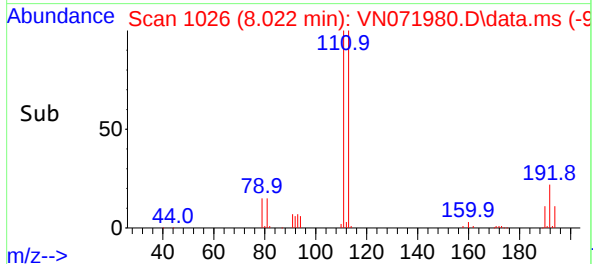
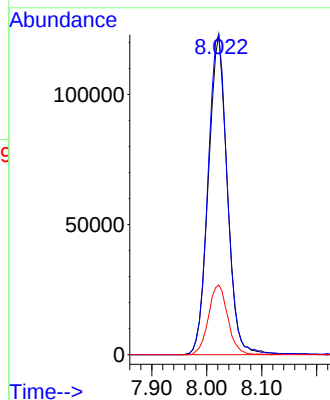
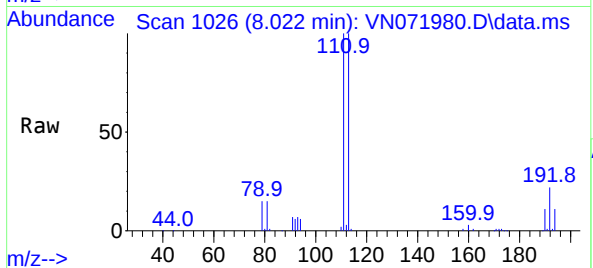




#35
Dibromofluoromethane
Concen: 48.113 ug/l
RT: 8.022 min Scan# 110
Delta R.T. 0.006 min
Lab File: VN071980.D
Acq: 13 Apr 2022 16:52

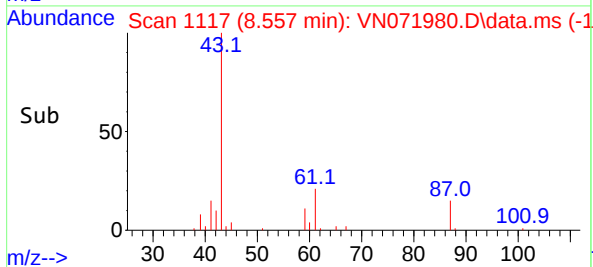
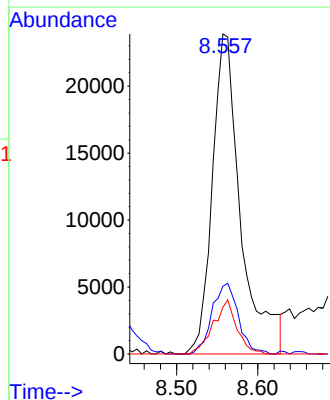
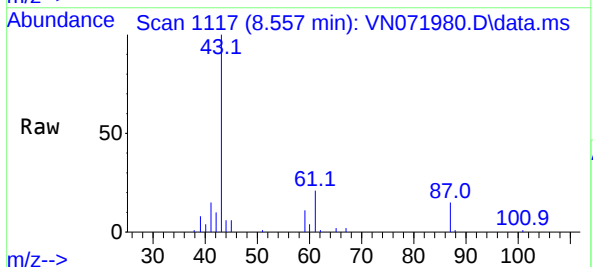
Instrument :
MSVOA_N
ClientSampleId :
DEL-4

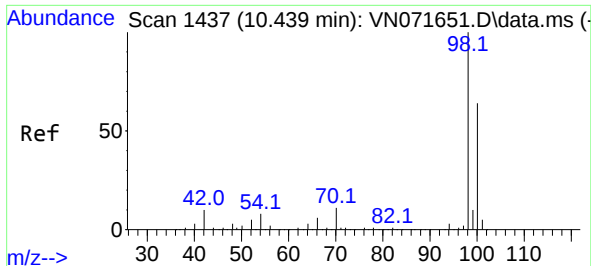
Tgt Ion:113 Resp: 292934
Ion Ratio Lower Upper
113 100
111 102.6 81.4 122.0
192 22.4 17.0 25.6



#43
Isopropyl Acetate
Concen: 3.752 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.006 min
Lab File: VN071980.D
Acq: 13 Apr 2022 16:52

Tgt Ion: 43 Resp: 58081
Ion Ratio Lower Upper
43 100
61 20.4 21.9 32.9#
87 14.0 12.0 18.0

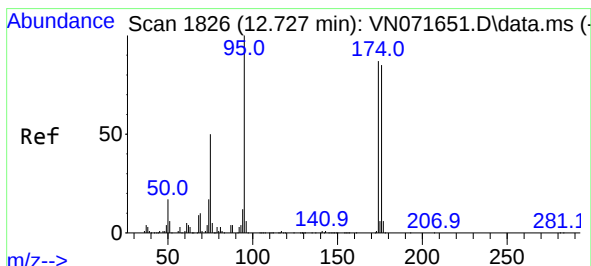
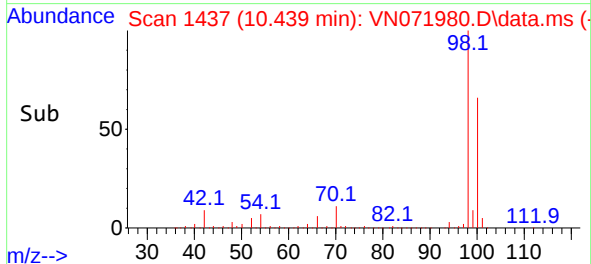
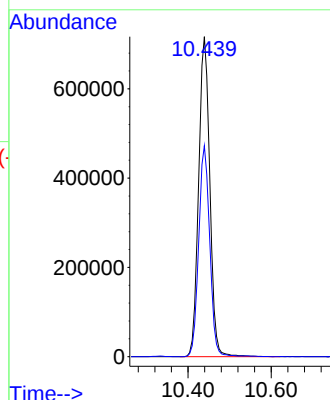
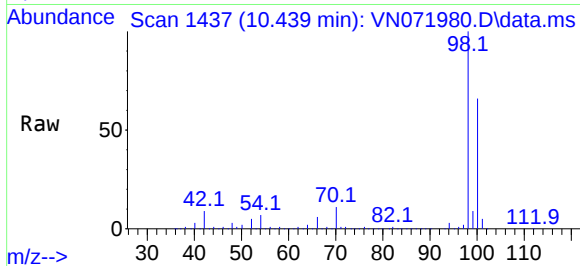




#50
Toluene-d8
Concen: 53.737 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071980.D
Acq: 13 Apr 2022 16:52

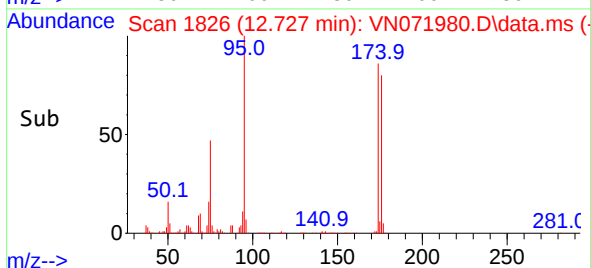
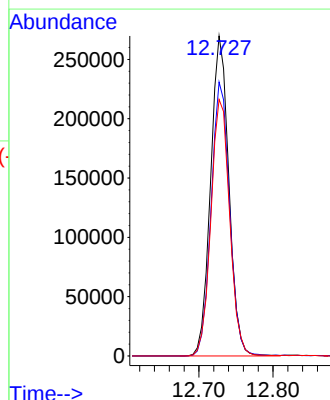
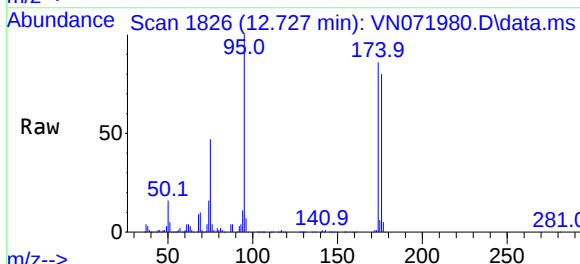
Instrument :
MSVOA_N
ClientSampleId :
DEL-4

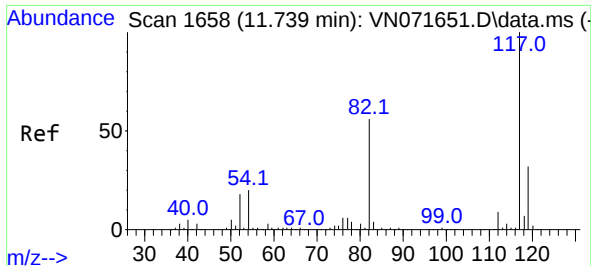
Tgt Ion: 98 Resp: 1338406
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 57.198 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071980.D
Acq: 13 Apr 2022 16:52

Tgt Ion: 95 Resp: 460736
Ion Ratio Lower Upper
95 100
174 86.4 0.0 167.6
176 82.3 0.0 163.4

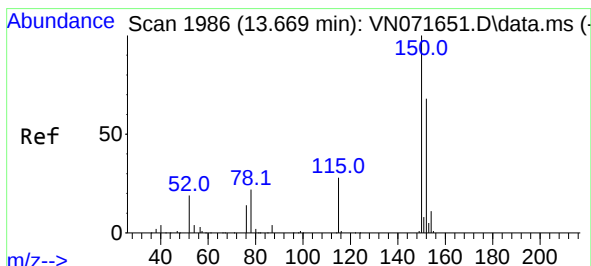
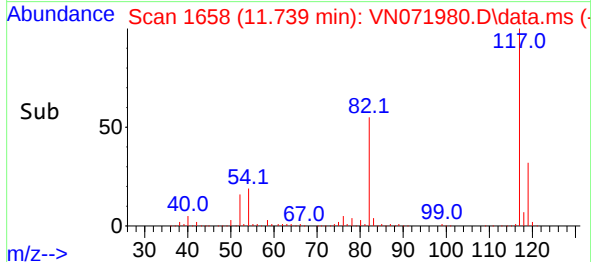
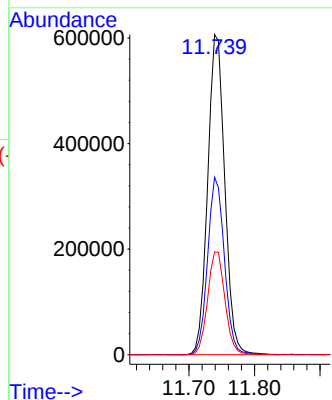
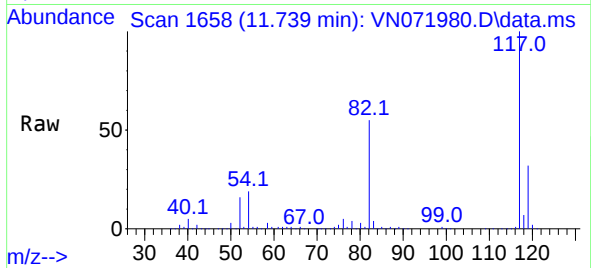




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN071980.D
Acq: 13 Apr 2022 16:52

Instrument :
MSVOA_N
ClientSampleId :
DEL-4

Tgt Ion:117 Resp: 1099426
Ion Ratio Lower Upper
117 100
82 55.5 44.2 66.2
119 32.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN071980.D
Acq: 13 Apr 2022 16:52

Tgt Ion:152 Resp: 412762
Ion Ratio Lower Upper
152 100
115 56.2 28.9 86.7
150 157.4 0.0 356.2

