

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030922\
 Data File : VN071219.D
 Acq On : 09 Mar 2022 18:57
 Operator : JC\MD
 Sample : PB143182ZHE#05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB143182ZHE#05

Quant Time: Mar 10 00:59:10 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)

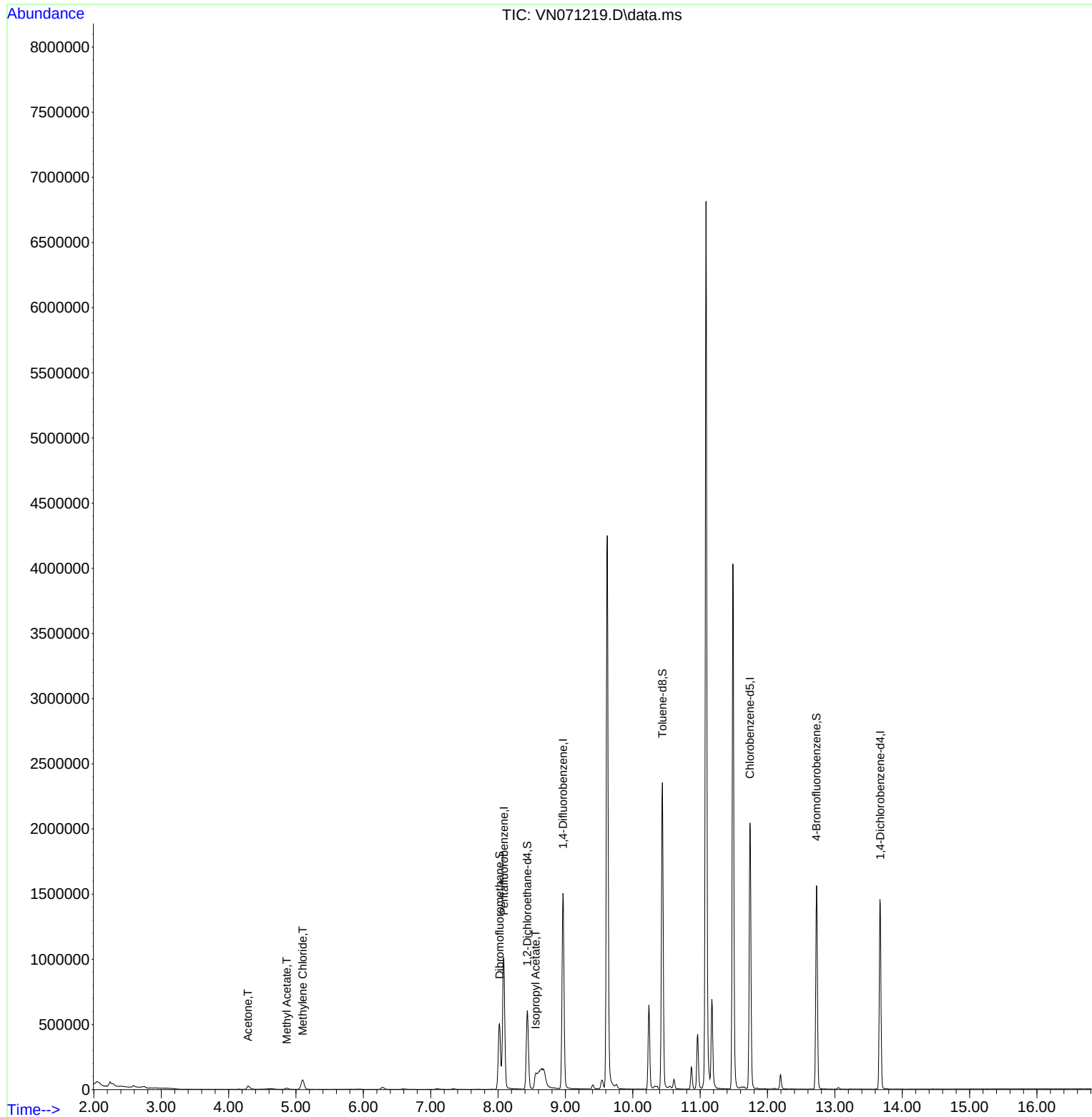
Internal Standards						
1) Pentafluorobenzene	8.086	168	784185	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1310378	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1196831	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	404411	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	503360	46.835	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.660%
35) Dibromofluoromethane	8.022	113	379485	45.893	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	91.780%
50) Toluene-d8	10.439	98	1603860	48.174	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.340%
62) 4-Bromofluorobenzene	12.727	95	559584	49.635	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.280%
Target Compounds						
					Qvalue	
16) Acetone	4.287	43	47923	9.164	ug/l	100
18) Methyl Acetate	4.863	43	21258	1.969	ug/l	95
20) Methylene Chloride	5.098	84	57561	6.358	ug/l	93
43) Isopropyl Acetate	8.557	43	151807	5.568	ug/l #	75

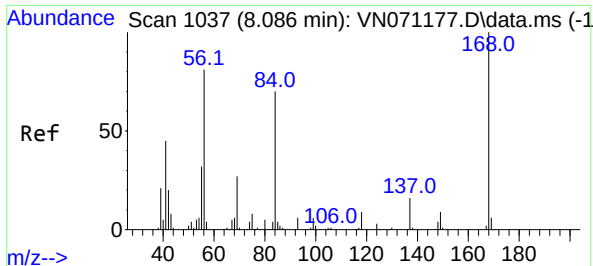
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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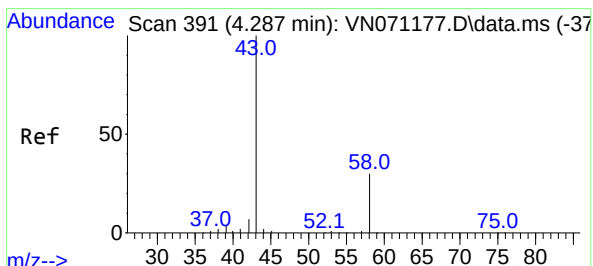
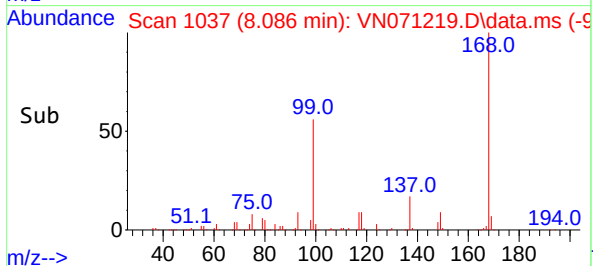
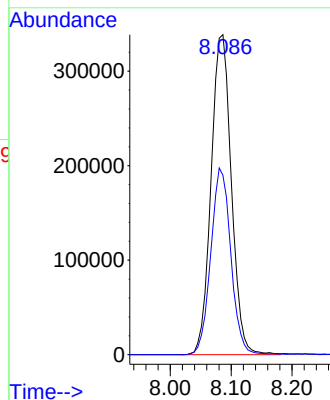
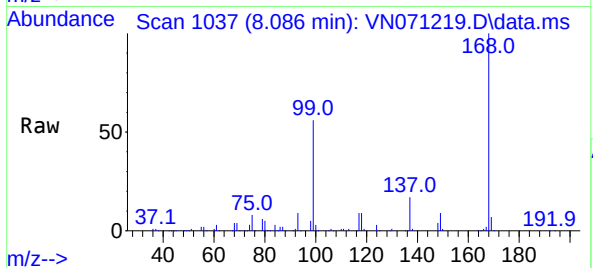




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VN071219.D
Acq: 09 Mar 2022 18:57

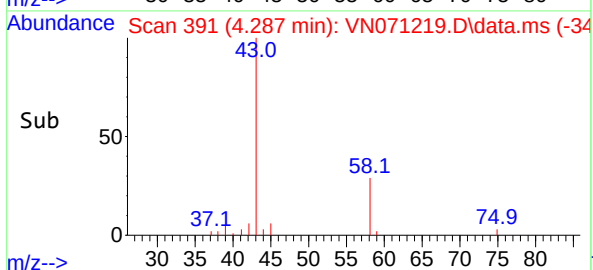
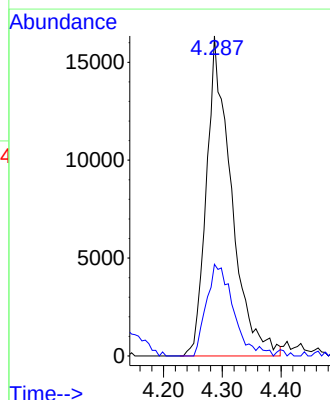
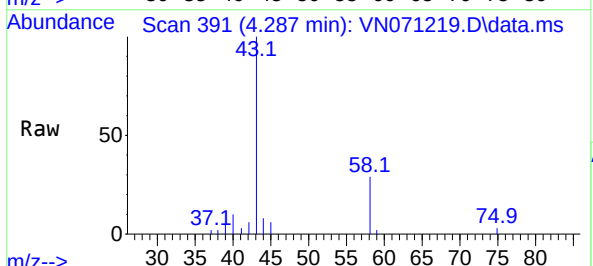
Instrument :
MSVOA_N
ClientSampleId :
PB143182ZHE#05

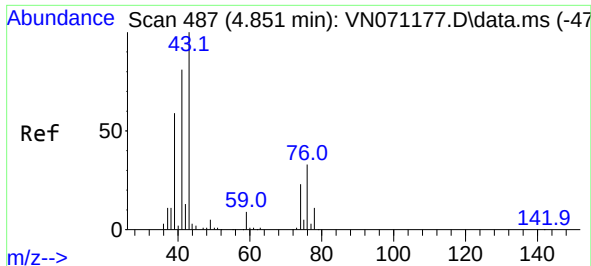
Tgt Ion:168 Resp: 784185
Ion Ratio Lower Upper
168 100
99 56.1 41.3 61.9



#16
Acetone
Concen: 9.164 ug/l
RT: 4.287 min Scan# 391
Delta R.T. -0.000 min
Lab File: VN071219.D
Acq: 09 Mar 2022 18:57

Tgt Ion: 43 Resp: 47923
Ion Ratio Lower Upper
43 100
58 28.6 23.1 34.7

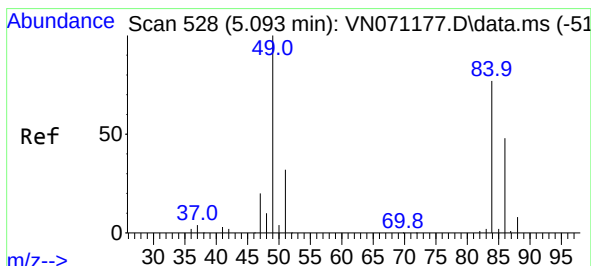
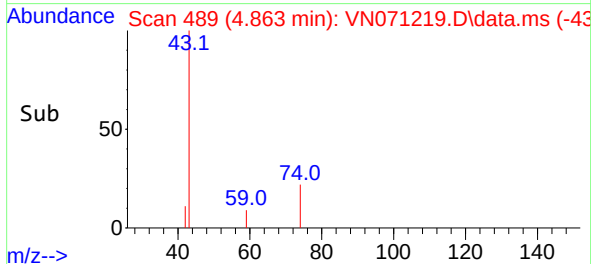
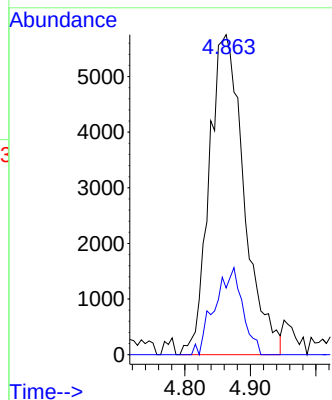
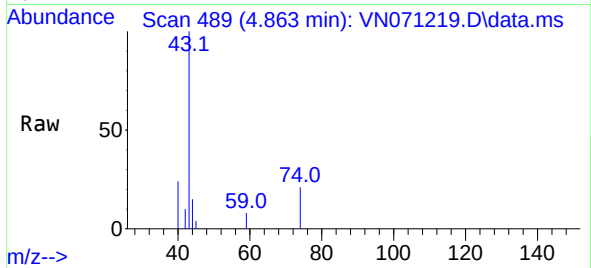




#18
Methyl Acetate
Concen: 1.969 ug/l
RT: 4.863 min Scan# 489
Delta R.T. 0.012 min
Lab File: VN071219.D
Acq: 09 Mar 2022 18:57

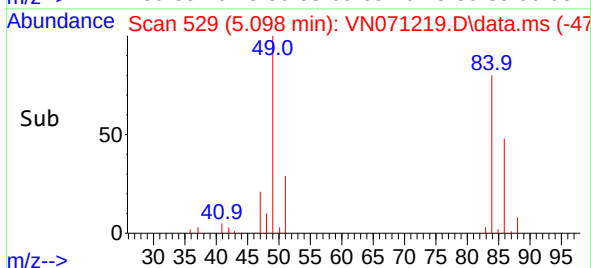
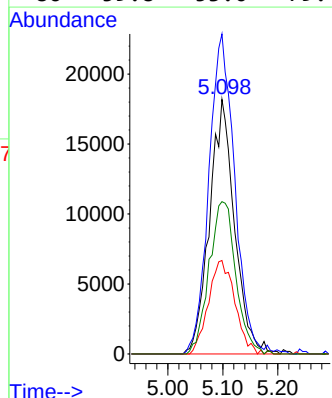
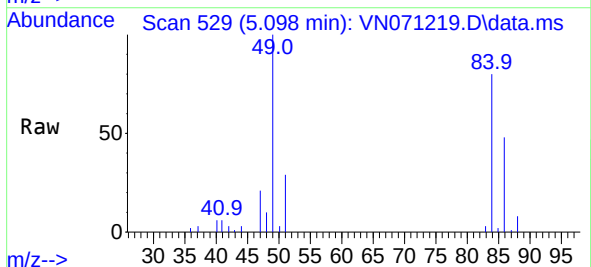
Instrument :
MSVOA_N
ClientSampleId :
PB143182ZHE#05

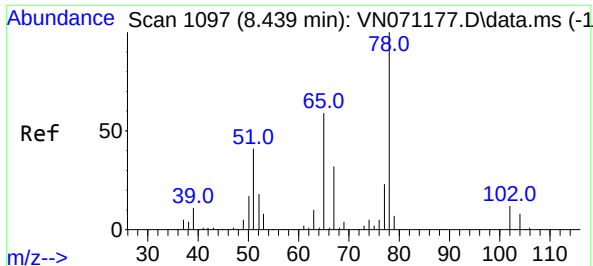
Tgt Ion: 43 Resp: 21258
Ion Ratio Lower Upper
43 100
74 21.7 19.4 29.2



#20
Methylene Chloride
Concen: 6.358 ug/l
RT: 5.098 min Scan# 529
Delta R.T. 0.005 min
Lab File: VN071219.D
Acq: 09 Mar 2022 18:57

Tgt Ion: 84 Resp: 57561
Ion Ratio Lower Upper
84 100
49 125.7 93.5 140.3
51 36.7 29.4 44.2
86 59.8 53.0 79.4

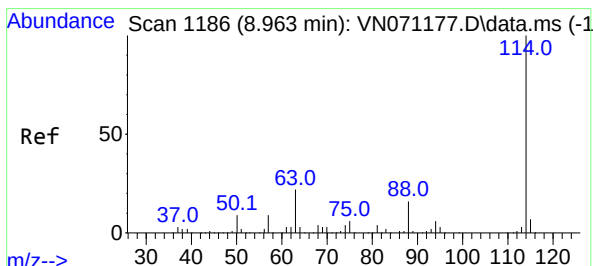
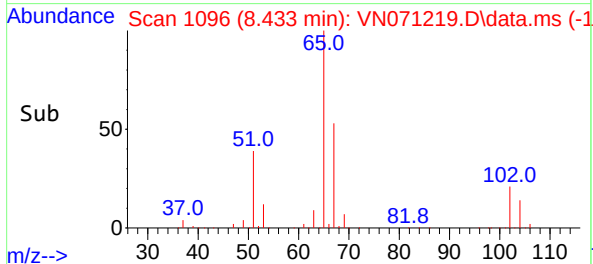
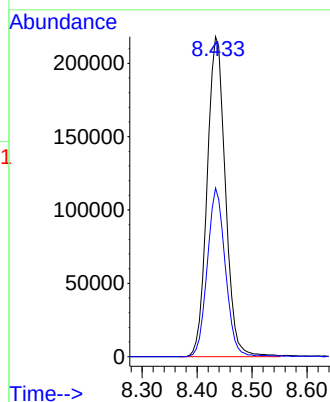
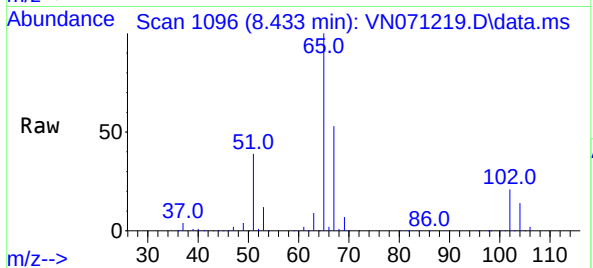




#33
1,2-Dichloroethane-d4
Concen: 46.835 ug/l
RT: 8.433 min Scan# 1097
Delta R.T. -0.006 min
Lab File: VN071219.D
Acq: 09 Mar 2022 18:57

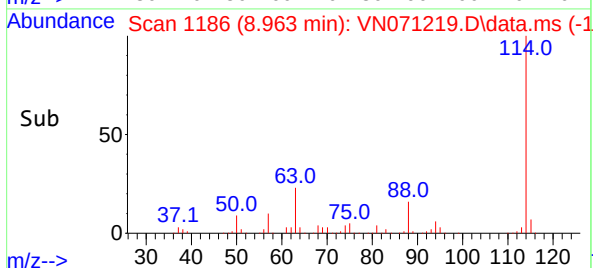
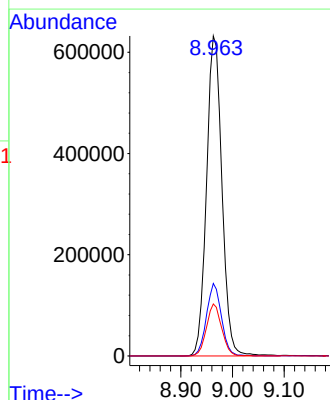
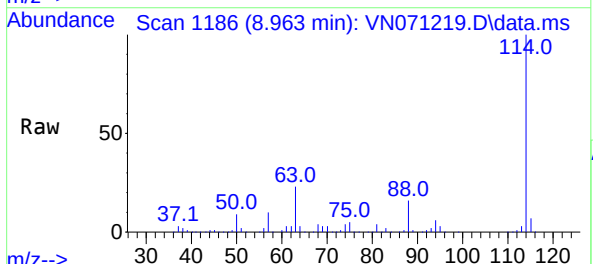
Instrument :
MSVOA_N
ClientSampleId :
PB143182ZHE#05

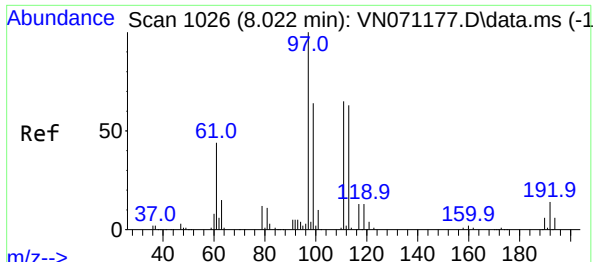
Tgt Ion: 65 Resp: 503360
Ion Ratio Lower Upper
65 100
67 52.2 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071219.D
Acq: 09 Mar 2022 18:57

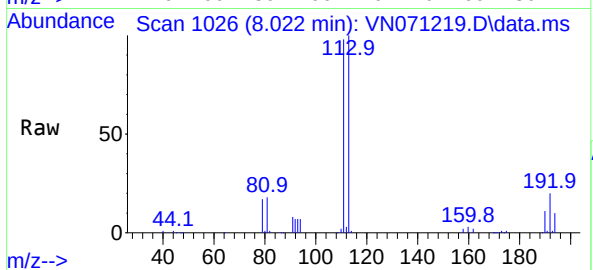
Tgt Ion: 114 Resp: 1310378
Ion Ratio Lower Upper
114 100
63 22.7 0.0 37.8
88 16.3 0.0 27.4



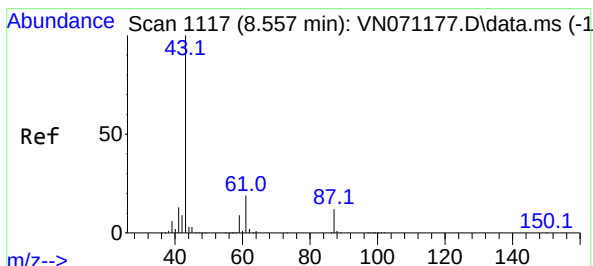
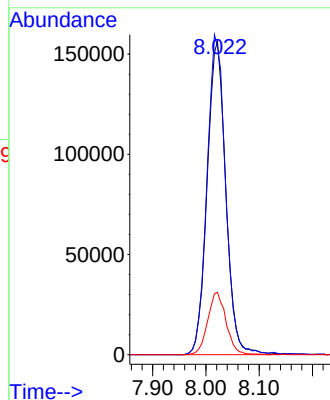
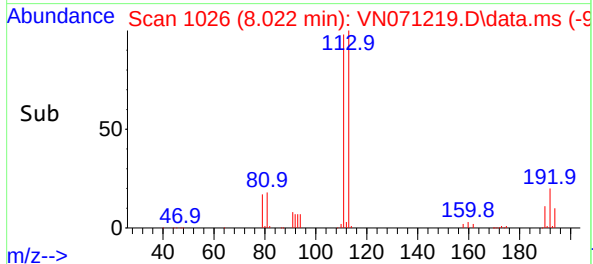


#35
Dibromofluoromethane
Concen: 45.893 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. -0.000 min
Lab File: VN071219.D
Acq: 09 Mar 2022 18:57

Instrument :
MSVOA_N
ClientSampleId :
PB143182ZHE#05

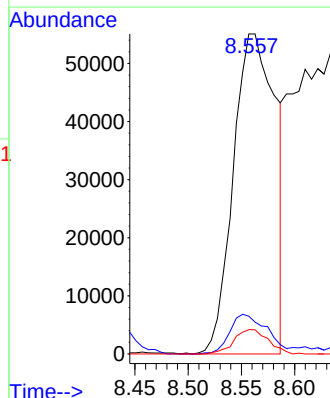
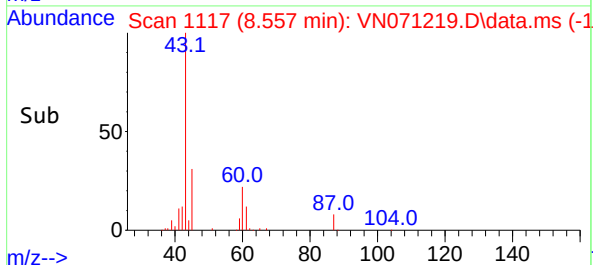
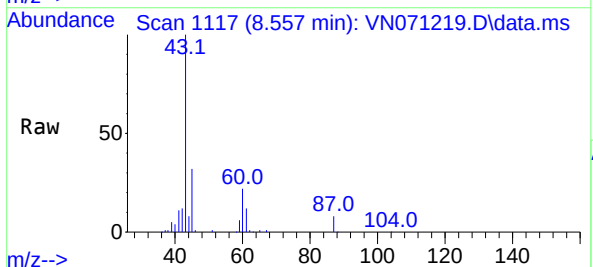


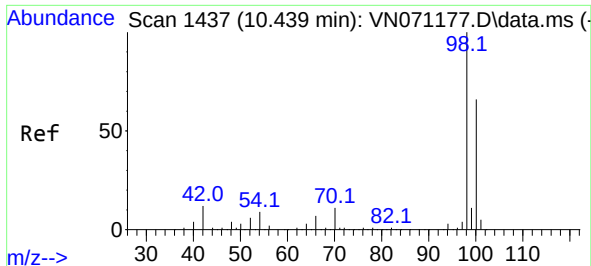
Tgt Ion:113 Resp: 379485
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.2
192 19.7 16.9 25.3



#43
Isopropyl Acetate
Concen: 5.568 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN071219.D
Acq: 09 Mar 2022 18:57

Tgt Ion: 43 Resp: 151807
Ion Ratio Lower Upper
43 100
61 11.4 20.4 30.6#
87 6.2 11.2 16.8#

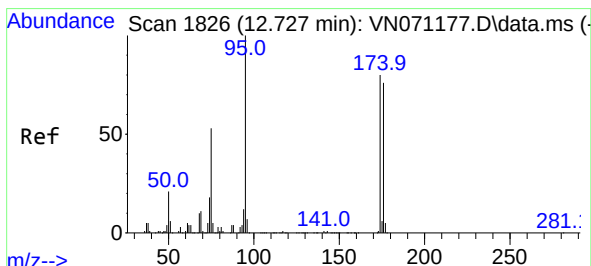
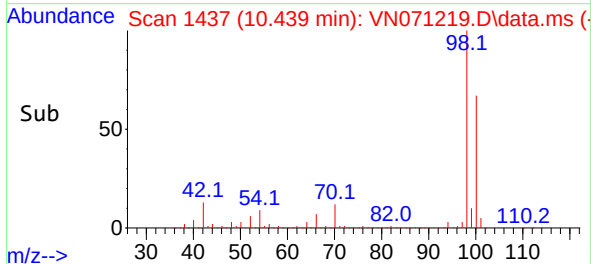
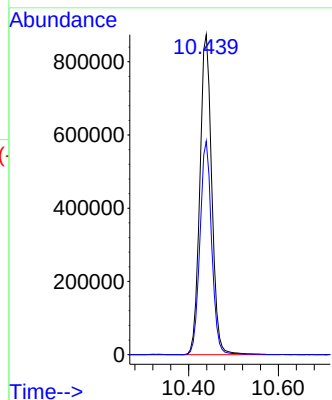
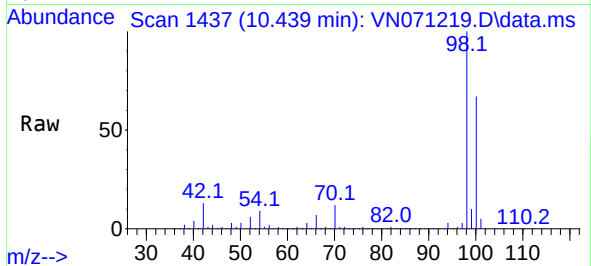




#50
Toluene-d8
Concen: 48.174 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071219.D
Acq: 09 Mar 2022 18:57

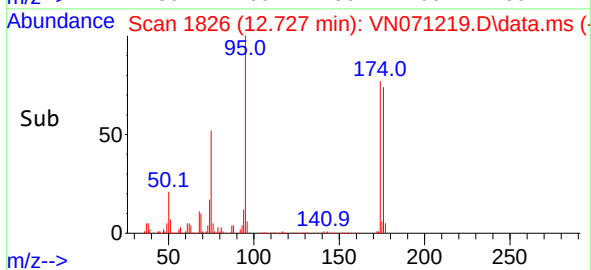
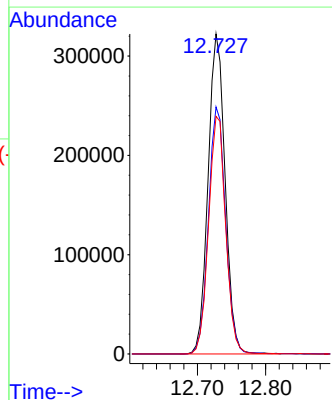
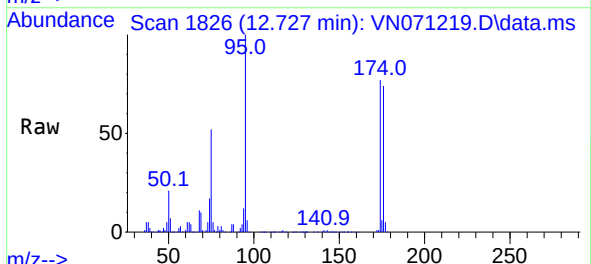
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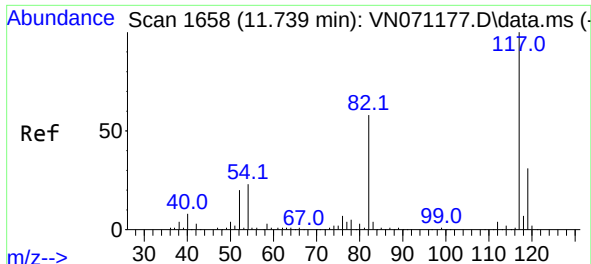
Tgt Ion: 98 Resp: 1603860
Ion Ratio Lower Upper
98 100
100 65.8 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 49.635 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071219.D
Acq: 09 Mar 2022 18:57

Tgt Ion: 95 Resp: 559584
Ion Ratio Lower Upper
95 100
174 78.1 0.0 187.2
176 74.7 0.0 181.4

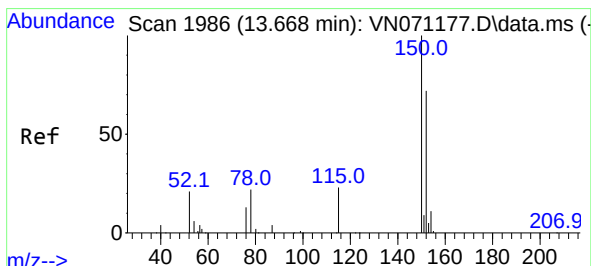
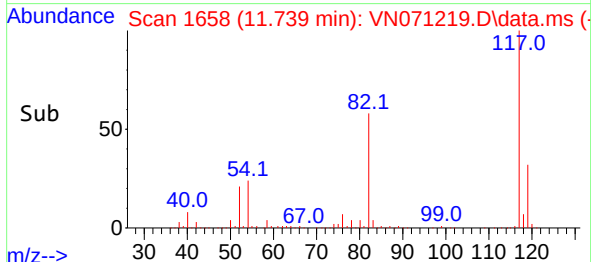
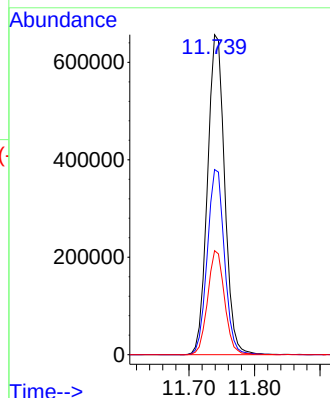
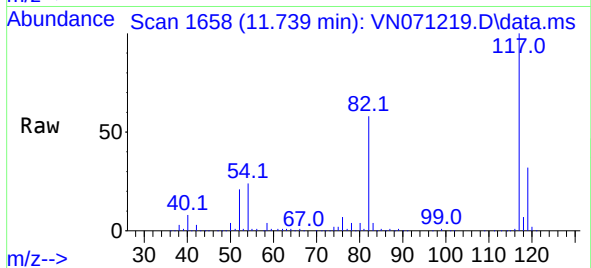




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN071219.D
Acq: 09 Mar 2022 18:57

Instrument :
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Tgt Ion:117 Resp: 1196831
Ion Ratio Lower Upper
117 100
82 57.9 42.4 63.6
119 32.5 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.006 min
Lab File: VN071219.D
Acq: 09 Mar 2022 18:57

Tgt Ion:152 Resp: 404411
Ion Ratio Lower Upper
152 100
115 59.8 27.5 82.5
150 158.9 0.0 344.4

