

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112222\
 Data File : VN075379.D
 Acq On : 22 Nov 2022 19:43
 Operator : JC\MD
 Sample : N5749-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-82

Quant Time: Nov 23 07:15:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

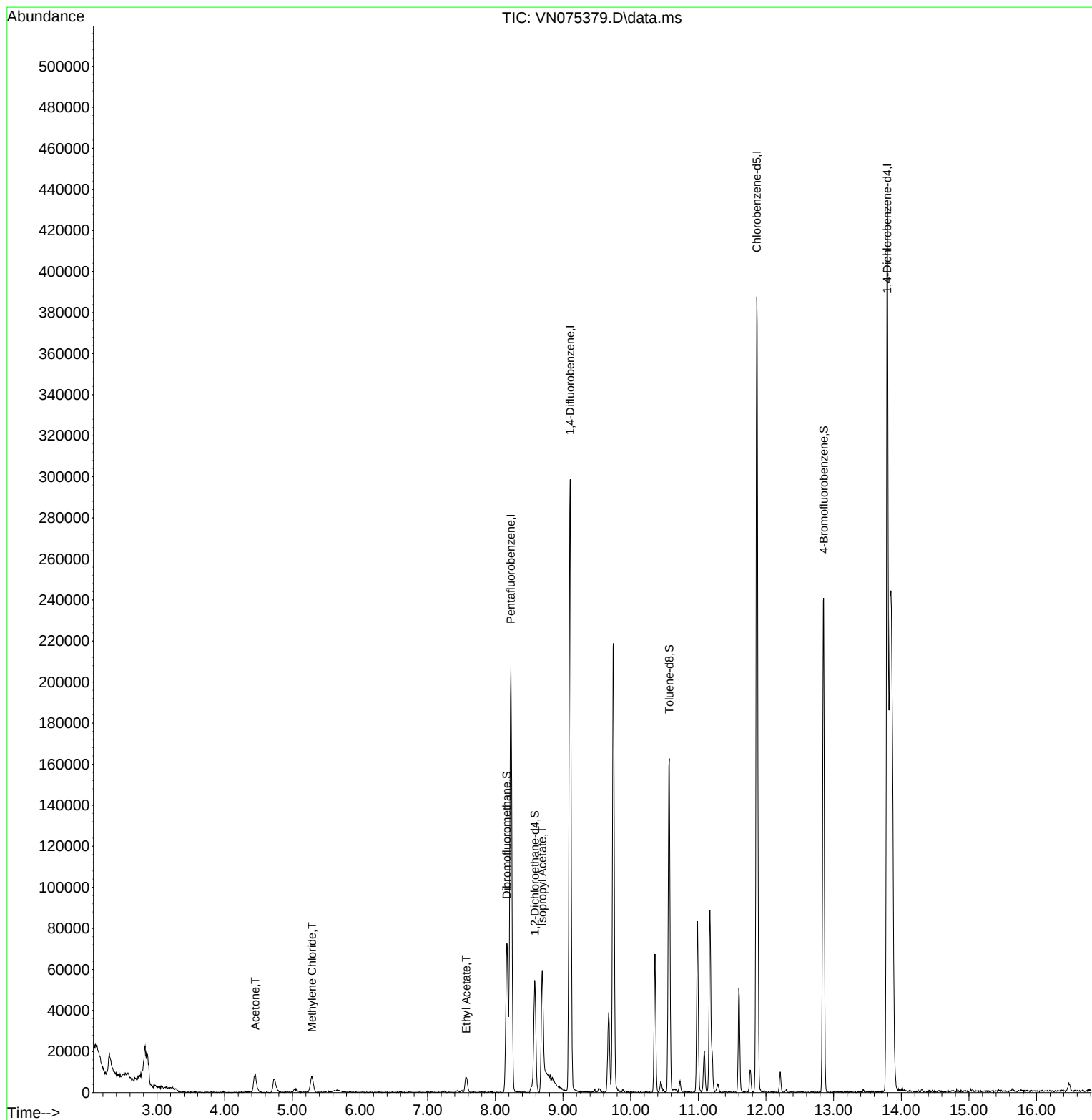
Internal Standards						
1) Pentafluorobenzene	8.230	168	160574	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	278103	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	245760	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	111034	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	42761	49.610	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.220%
35) Dibromofluoromethane	8.171	113	52566	48.116	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.240%
50) Toluene-d8	10.571	98	117917	47.923	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.840%
62) 4-Bromofluorobenzene	12.853	95	86517	47.637	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.280%
Target Compounds						
					Qvalue	
16) Acetone	4.453	43	16796	20.891	ug/l	89
20) Methylene Chloride	5.289	84	6869	3.011	ug/l	92
37) Ethyl Acetate	7.571	43	11874	5.535	ug/l	96
43) Isopropyl Acetate	8.694	43	72554	21.071	ug/l #	84

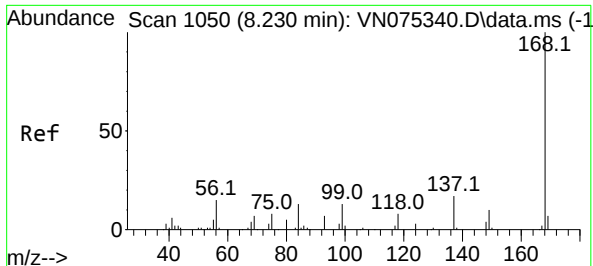
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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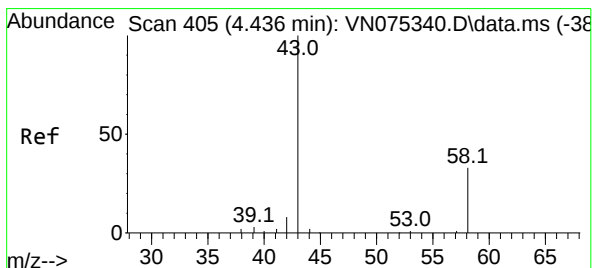
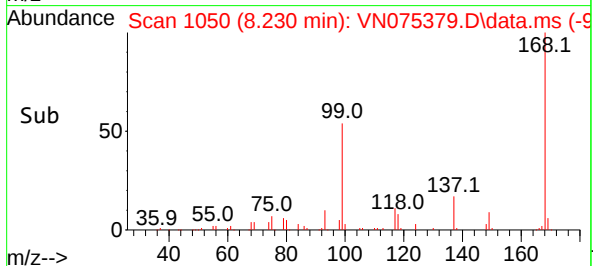
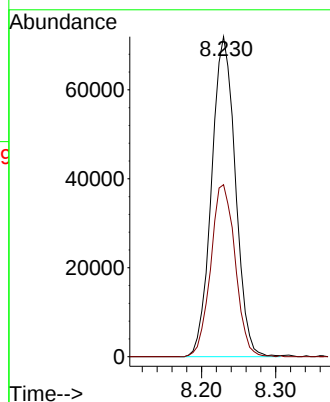
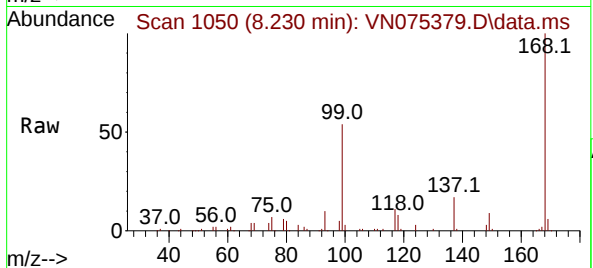




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075379.D
Acq: 22 Nov 2022 19:43

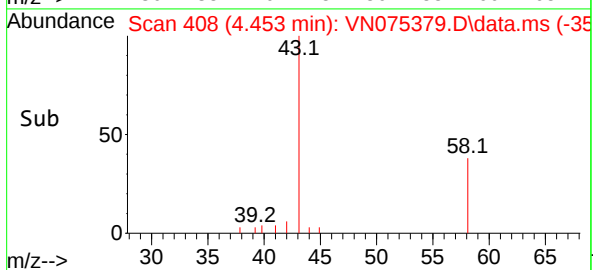
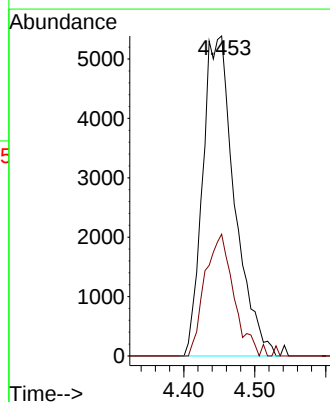
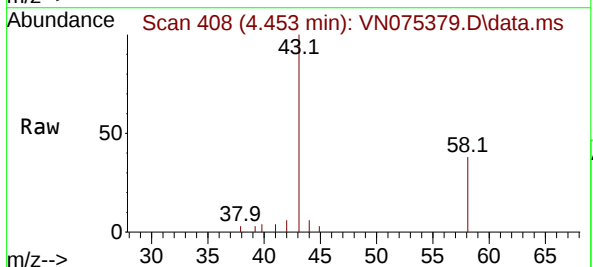
Instrument :
MSVOA_N
ClientSampleId :
MH-82

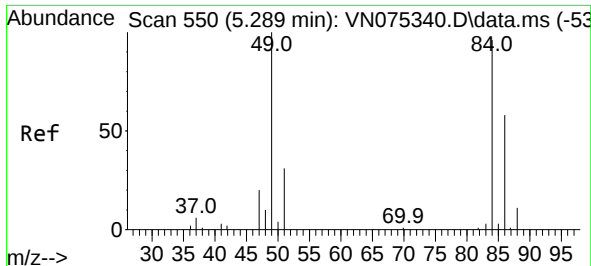
Tgt Ion:168 Resp: 160574
Ion Ratio Lower Upper
168 100
99 53.7 51.6 77.4



#16
Acetone
Concen: 20.891 ug/l
RT: 4.453 min Scan# 408
Delta R.T. 0.017 min
Lab File: VN075379.D
Acq: 22 Nov 2022 19:43

Tgt Ion: 43 Resp: 16796
Ion Ratio Lower Upper
43 100
58 38.0 25.5 38.3

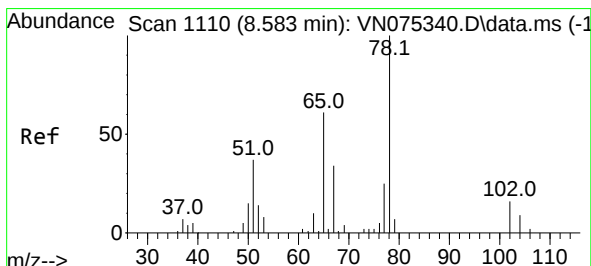
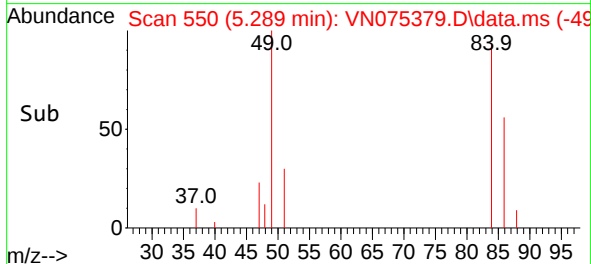
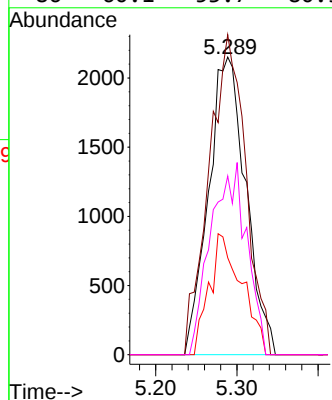
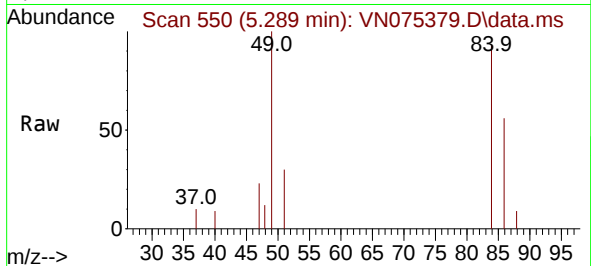




#20
Methylene Chloride
Concen: 3.011 ug/l
RT: 5.289 min Scan# 511
Delta R.T. -0.000 min
Lab File: VN075379.D
Acq: 22 Nov 2022 19:43

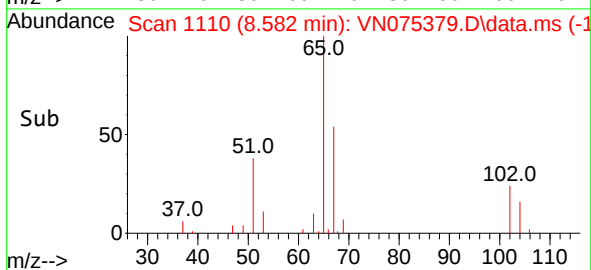
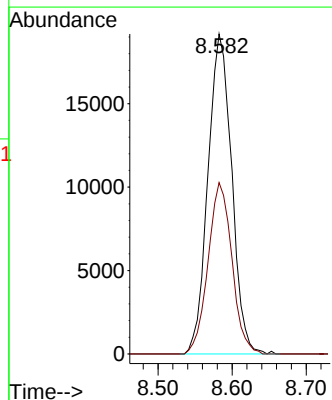
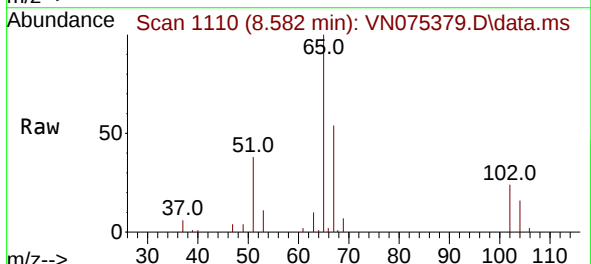
Instrument :
MSVOA_N
ClientSampleId :
MH-82

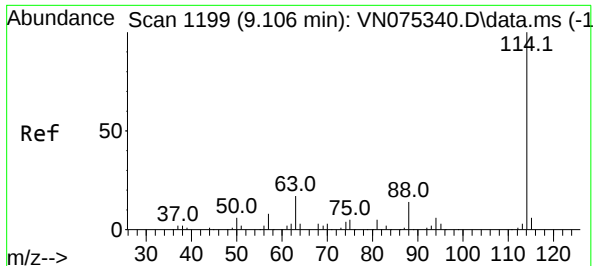
Tgt Ion: 84	Resp: 6869
Ion Ratio	Lower Upper
84 100	
49 107.5	94.9 142.3
51 32.6	26.8 40.2
86 60.1	53.7 80.5



#33
1,2-Dichloroethane-d4
Concen: 49.610 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.001 min
Lab File: VN075379.D
Acq: 22 Nov 2022 19:43

Tgt Ion: 65	Resp: 42761
Ion Ratio	Lower Upper
65 100	
67 53.7	0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075379.D

Acq: 22 Nov 2022 19:43

Instrument :

MSVOA_N

ClientSampleId :

MH-82

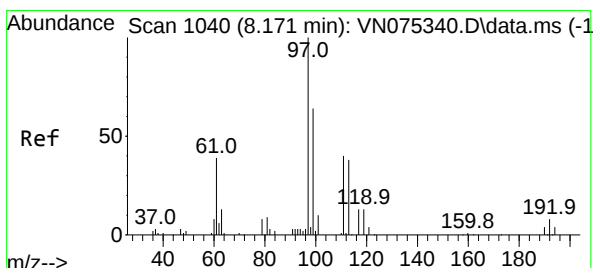
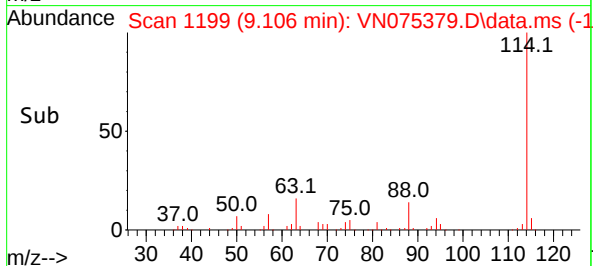
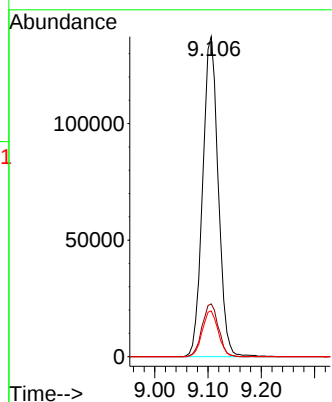
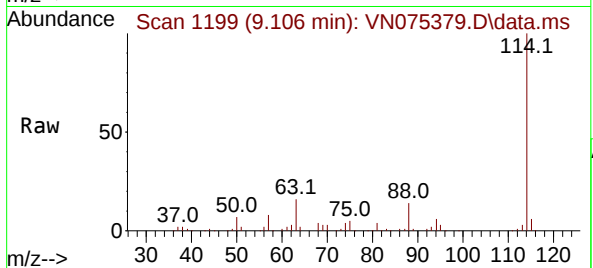
Tgt Ion:114 Resp: 278103

Ion Ratio Lower Upper

114 100

63 16.5 0.0 39.6

88 14.3 0.0 29.0



#35

Dibromofluoromethane

Concen: 48.116 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075379.D

Acq: 22 Nov 2022 19:43

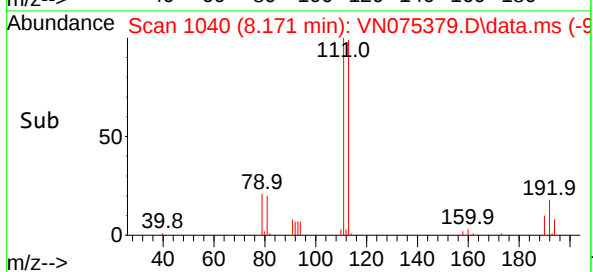
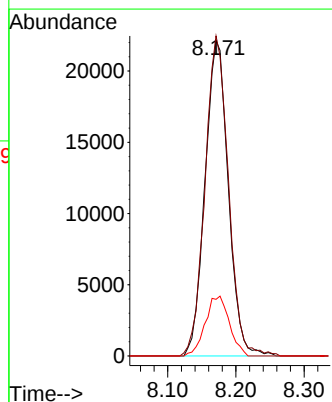
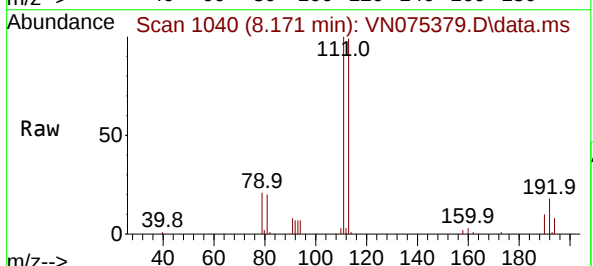
Tgt Ion:113 Resp: 52566

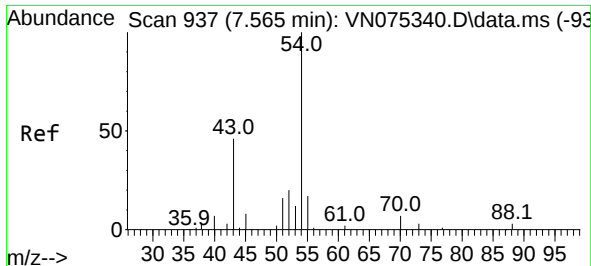
Ion Ratio Lower Upper

113 100

111 102.1 80.5 120.7

192 19.6 13.2 19.8

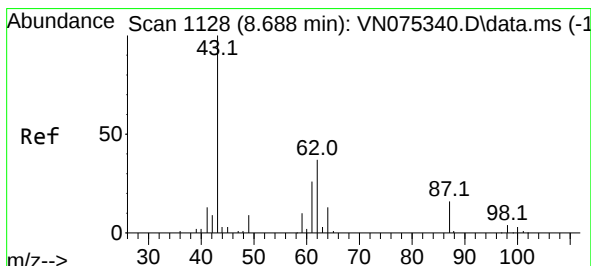
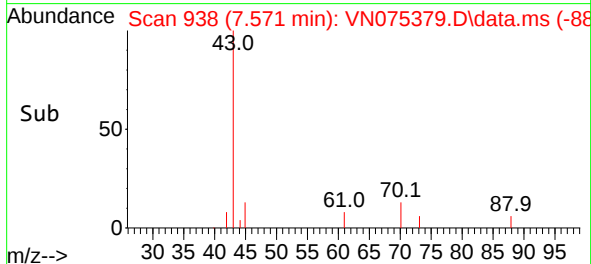
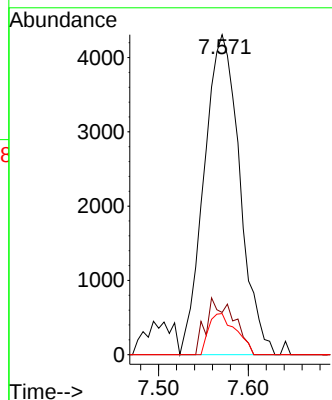
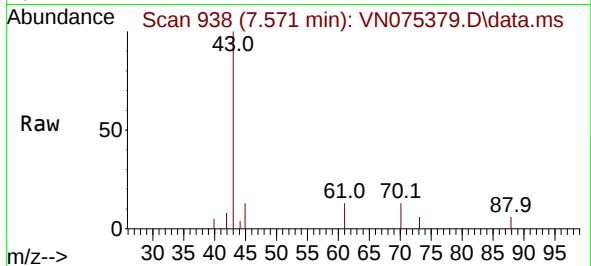




#37
Ethyl Acetate
Concen: 5.535 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075379.D
Acq: 22 Nov 2022 19:43

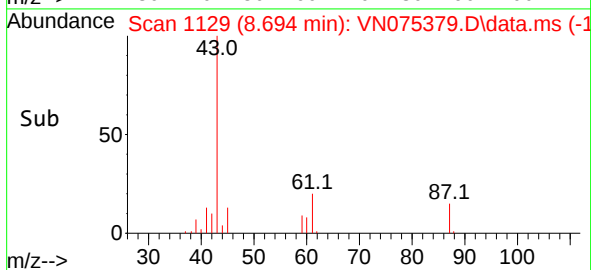
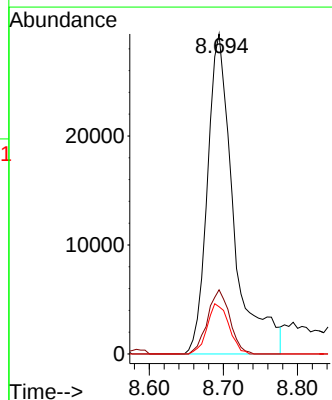
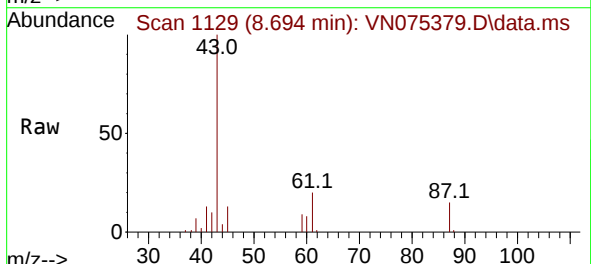
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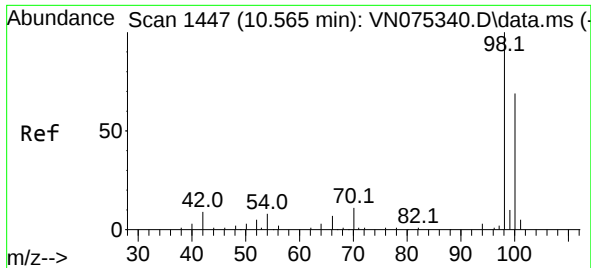
Tgt Ion:	43	Resp:	11874
Ion	Ratio	Lower	Upper
43	100		
61	13.9	12.2	18.4
70	9.8	9.4	14.2



#43
Isopropyl Acetate
Concen: 21.071 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VN075379.D
Acq: 22 Nov 2022 19:43

Tgt Ion:	43	Resp:	72554
Ion	Ratio	Lower	Upper
43	100		
61	16.9	22.4	33.6#
87	12.9	12.5	18.7

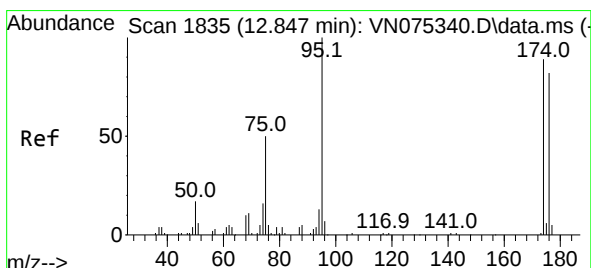
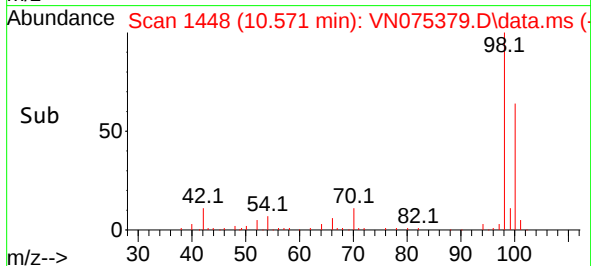
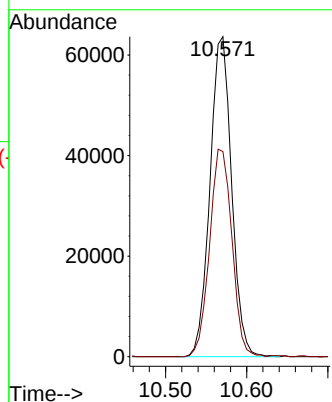
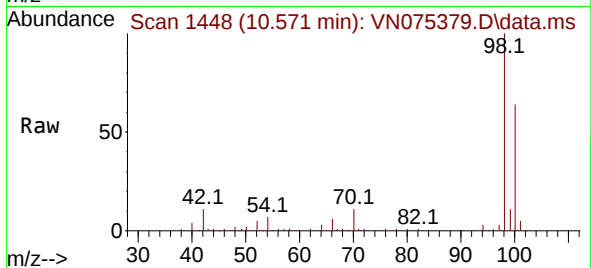




#50
Toluene-d8
Concen: 47.923 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN075379.D
Acq: 22 Nov 2022 19:43

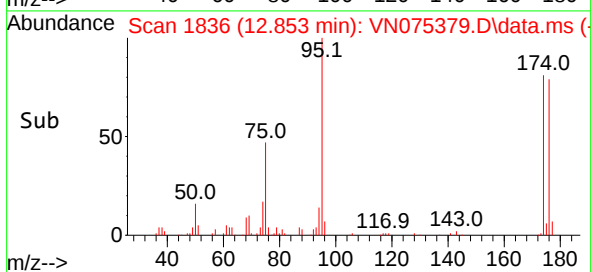
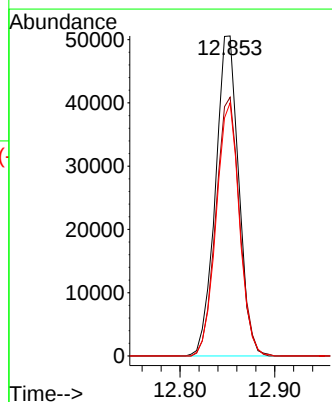
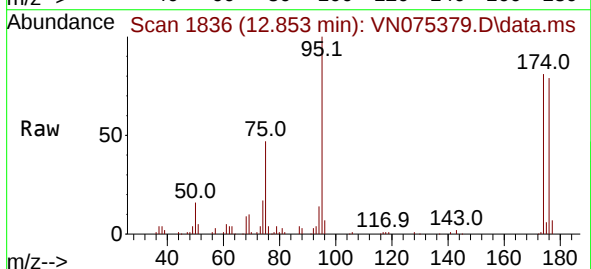
Instrument :
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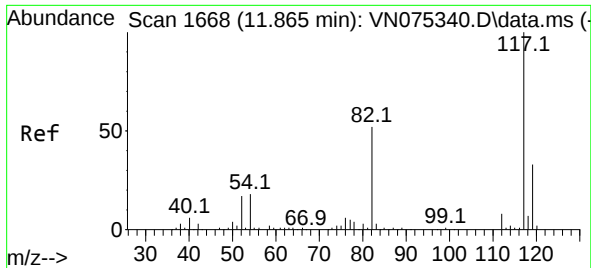
Tgt Ion: 98 Resp: 117917
Ion Ratio Lower Upper
98 100
100 66.8 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 47.637 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075379.D
Acq: 22 Nov 2022 19:43

Tgt Ion: 95 Resp: 86517
Ion Ratio Lower Upper
95 100
174 81.8 0.0 147.4
176 78.6 0.0 142.2

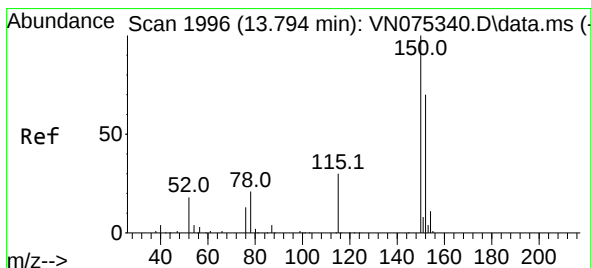
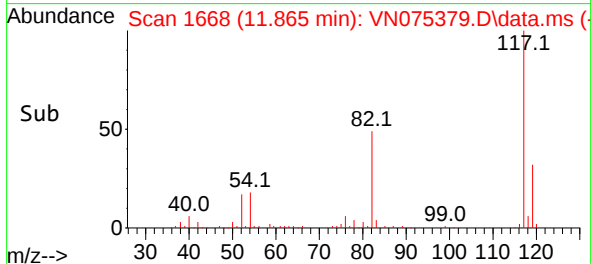
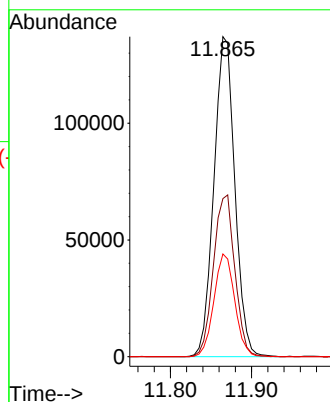
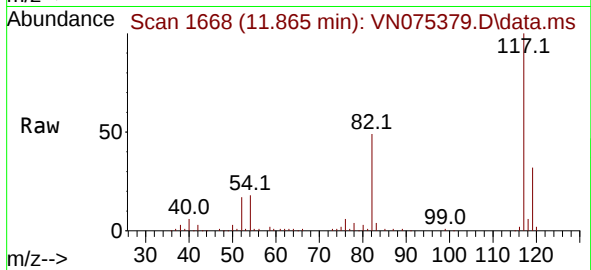




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN075379.D
Acq: 22 Nov 2022 19:43

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:117 Resp: 245760
Ion Ratio Lower Upper
117 100
82 49.4 43.1 64.7
119 32.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075379.D
Acq: 22 Nov 2022 19:43

Tgt Ion:152 Resp: 111034
Ion Ratio Lower Upper
152 100
115 66.6 30.2 90.6
150 159.0 0.0 348.4

