

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103122\
 Data File : VN075094.D
 Acq On : 31 Oct 2022 18:11
 Operator : JC\MD
 Sample : N5316-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMPOSITE-PILE-2

Quant Time: Nov 01 06:22:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

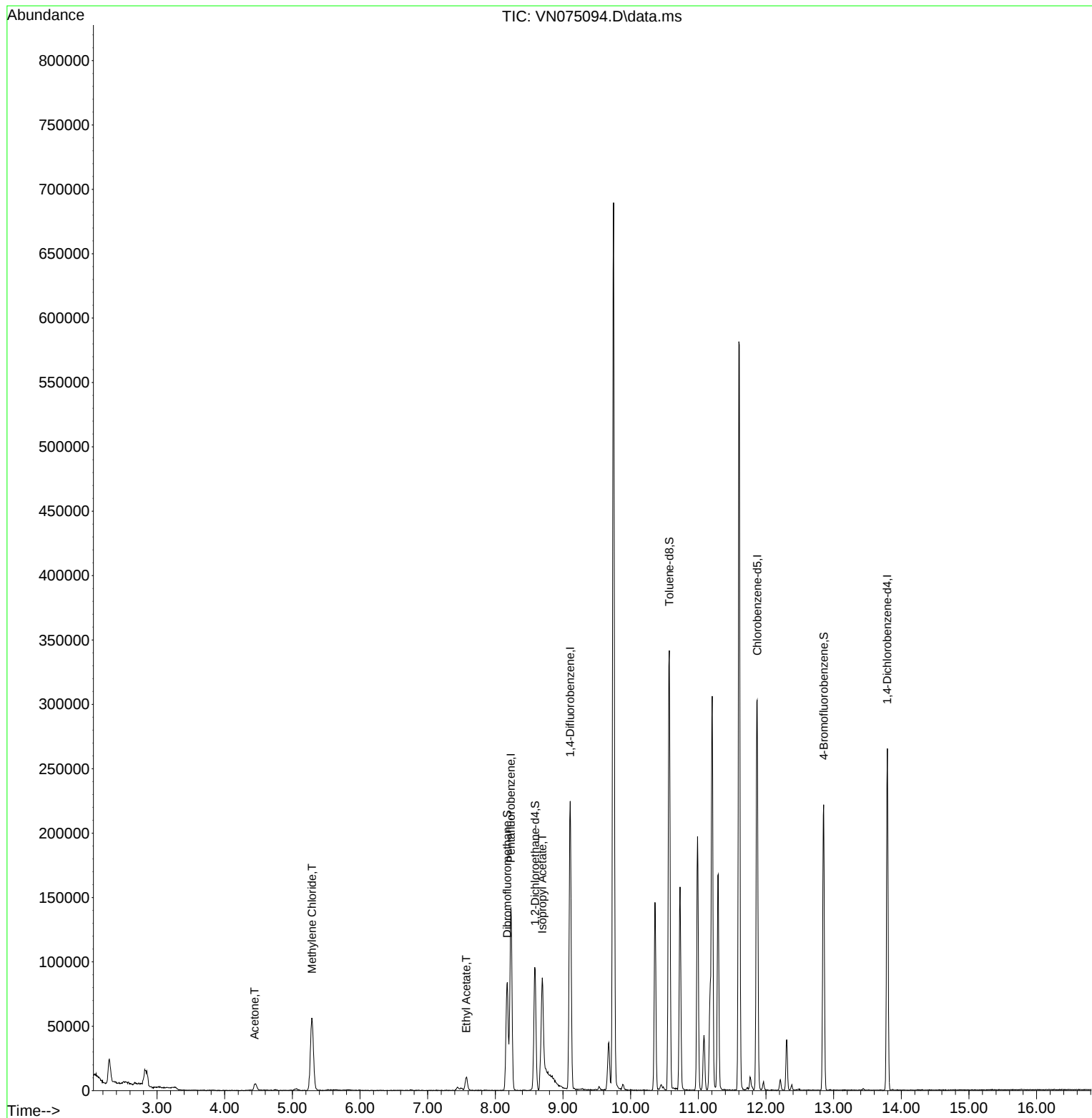
Internal Standards						
1) Pentafluorobenzene	8.230	168	98882	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	196247	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	178572	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	68069	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	79063	59.342	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	118.680%
35) Dibromofluoromethane	8.177	113	59397	51.557	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.120%
50) Toluene-d8	10.571	98	245203	54.859	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	109.720%
62) 4-Bromofluorobenzene	12.853	95	75320	47.971	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.940%
Target Compounds						
						Qvalue
16) Acetone	4.442	43	4593	8.142	ug/l	95
20) Methylene Chloride	5.289	84	45868	36.466	ug/l	88
37) Ethyl Acetate	7.571	43	15904	8.131	ug/l	97
43) Isopropyl Acetate	8.694	43	120125	39.592	ug/l #	76

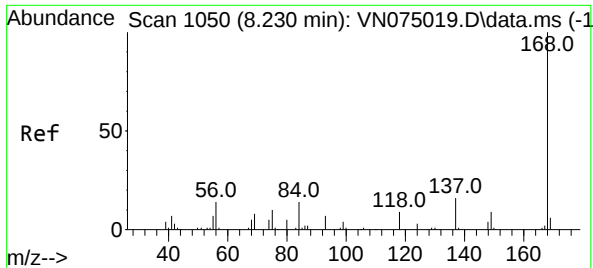
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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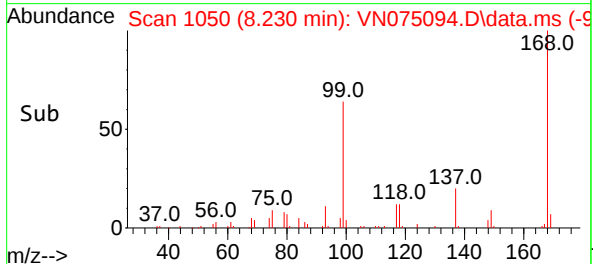
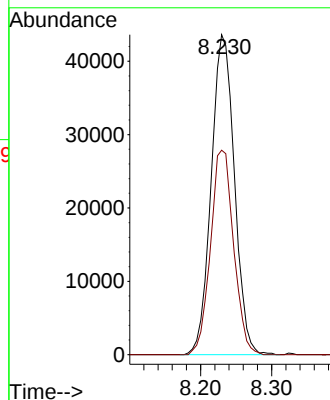
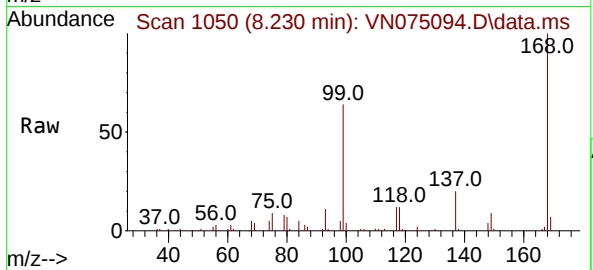




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075094.D
Acq: 31 Oct 2022 18:11

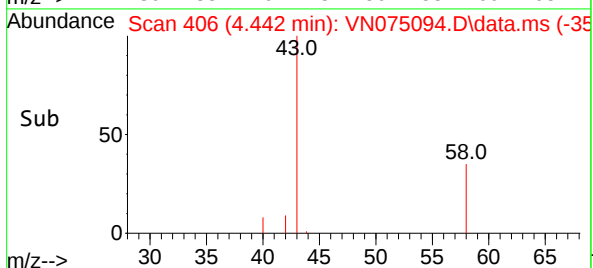
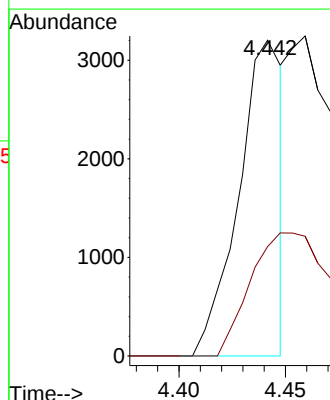
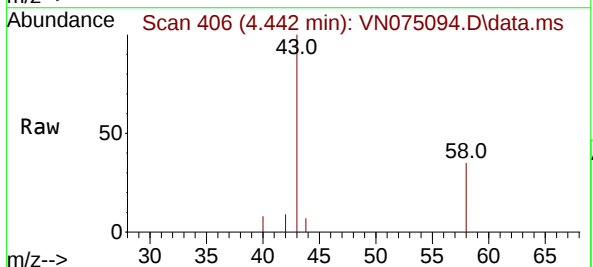
Instrument :
MSVOA_N
ClientSampleId :
COMPOSITE-PILE-2

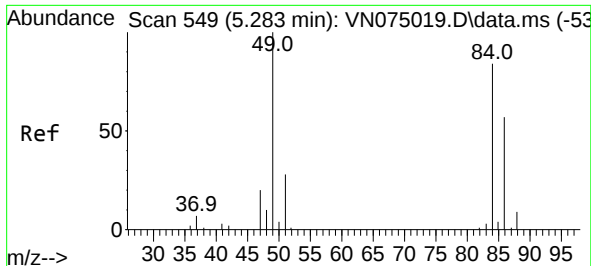
Tgt Ion:168 Resp: 98882
Ion Ratio Lower Upper
168 100
99 63.9 51.6 77.4



#16
Acetone
Concen: 8.142 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN075094.D
Acq: 31 Oct 2022 18:11

Tgt Ion: 43 Resp: 4593
Ion Ratio Lower Upper
43 100
58 34.6 25.5 38.3



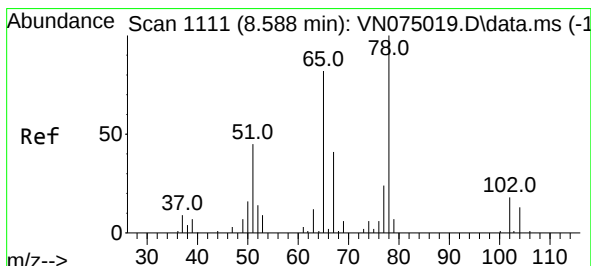
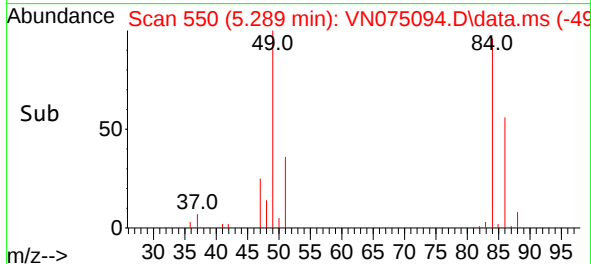
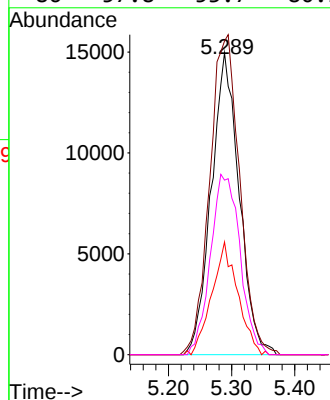
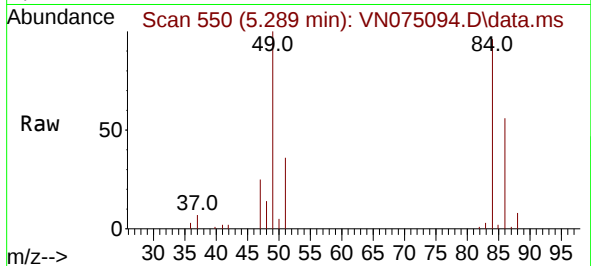


#20
Methylene Chloride
Concen: 36.466 ug/l
RT: 5.289 min Scan# 511
Delta R.T. 0.006 min
Lab File: VN075094.D
Acq: 31 Oct 2022 18:11

Instrument :
MSVOA_N
ClientSampleId :
COMPOSITE-PILE-2

Tgt Ion: 84 Resp: 45868

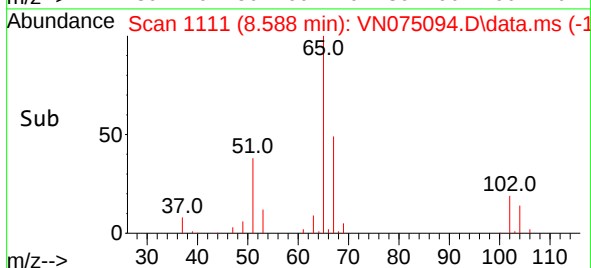
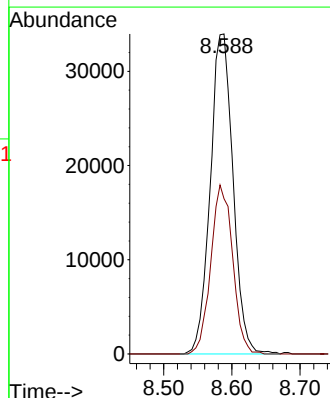
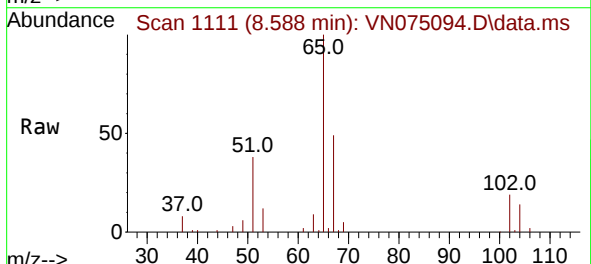
Ion	Ratio	Lower	Upper
84	100		
49	103.9	94.9	142.3
51	37.3	26.8	40.2
86	57.8	53.7	80.5

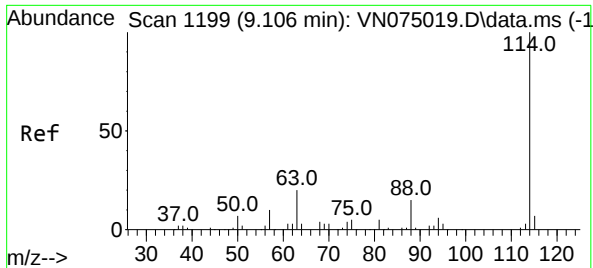


#33
1,2-Dichloroethane-d4
Concen: 59.342 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VN075094.D
Acq: 31 Oct 2022 18:11

Tgt Ion: 65 Resp: 79063

Ion	Ratio	Lower	Upper
65	100		
67	50.6	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: VN075094.D

Acq: 31 Oct 2022 18:11

Instrument :

MSVOA_N

ClientSampleId :

COMPOSITE-PILE-2

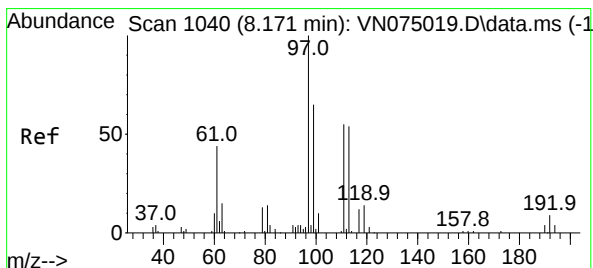
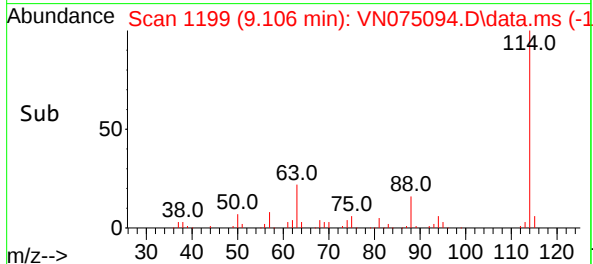
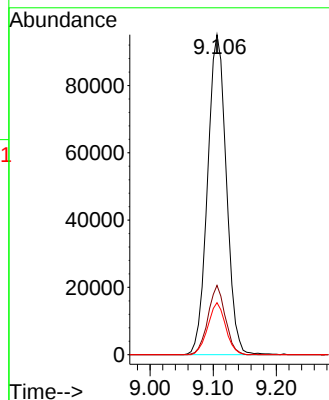
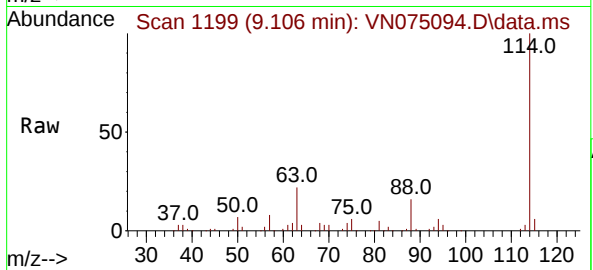
Tgt Ion:114 Resp: 196247

Ion Ratio Lower Upper

114 100

63 21.7 0.0 39.6

88 16.2 0.0 29.0



#35

Dibromofluoromethane

Concen: 51.557 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075094.D

Acq: 31 Oct 2022 18:11

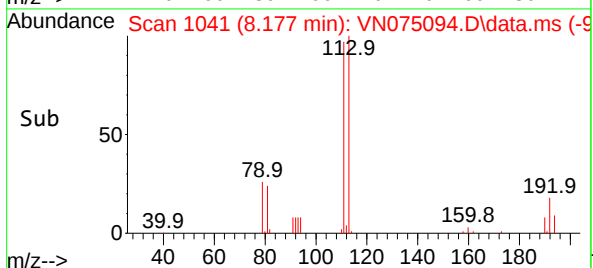
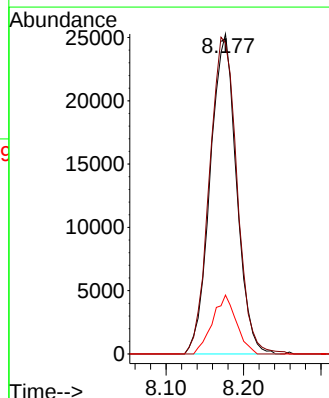
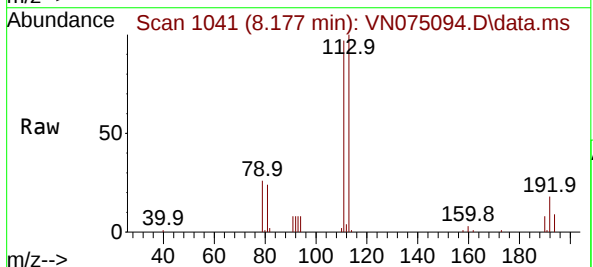
Tgt Ion:113 Resp: 59397

Ion Ratio Lower Upper

113 100

111 104.2 80.5 120.7

192 16.8 13.2 19.8

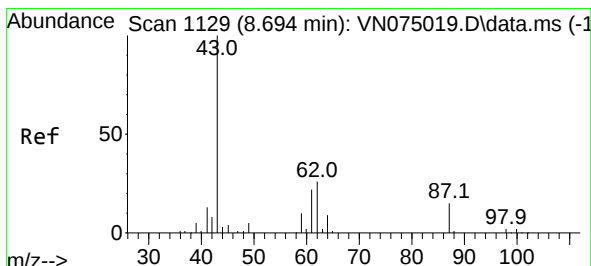
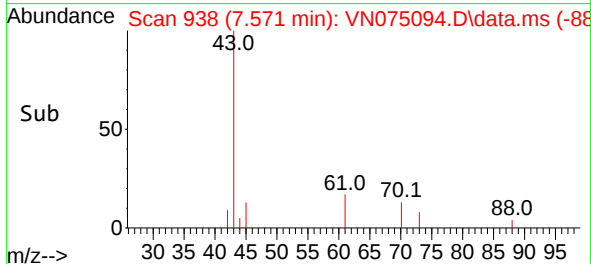
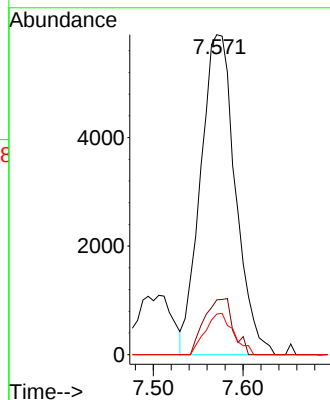
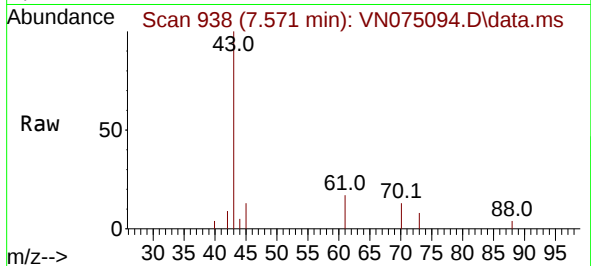




#37
Ethyl Acetate
Concen: 8.131 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075094.D
Acq: 31 Oct 2022 18:11

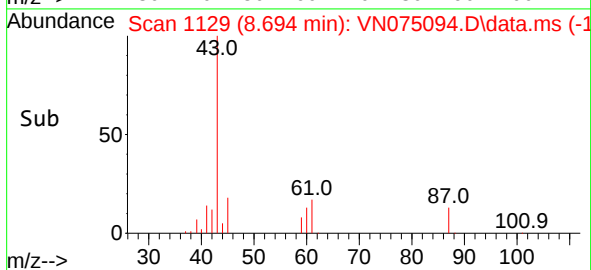
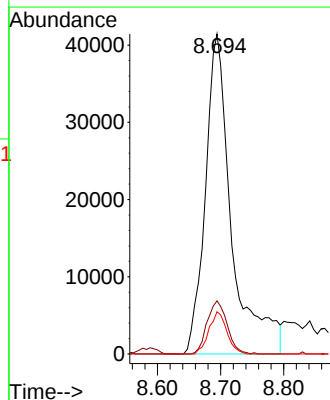
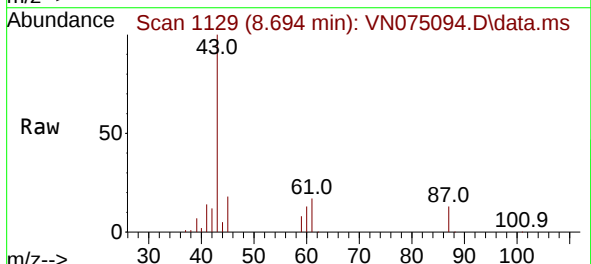
Instrument :
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ClientSampleId :
COMPOSITE-PILE-2

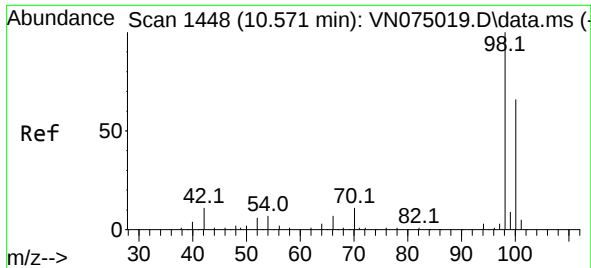
Tgt Ion:	43	Resp:	15904
Ion	Ratio	Lower	Upper
43	100		
61	14.4	12.2	18.4
70	10.4	9.4	14.2



#43
Isopropyl Acetate
Concen: 39.592 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075094.D
Acq: 31 Oct 2022 18:11

Tgt Ion:	43	Resp:	120125
Ion	Ratio	Lower	Upper
43	100		
61	12.6	22.4	33.6#
87	8.9	12.5	18.7#

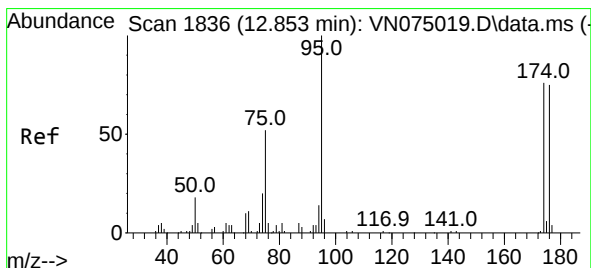
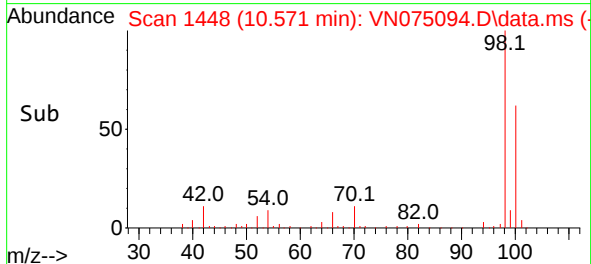
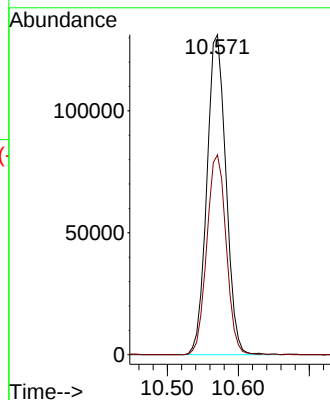
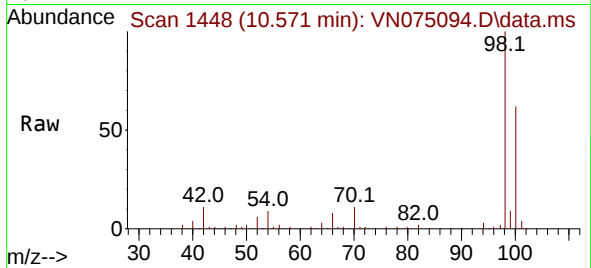




#50
Toluene-d8
Concen: 54.859 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075094.D
Acq: 31 Oct 2022 18:11

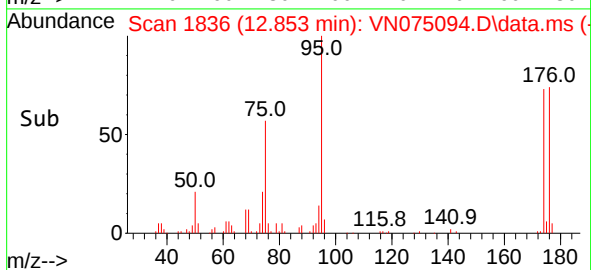
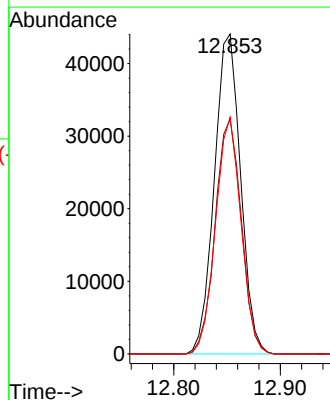
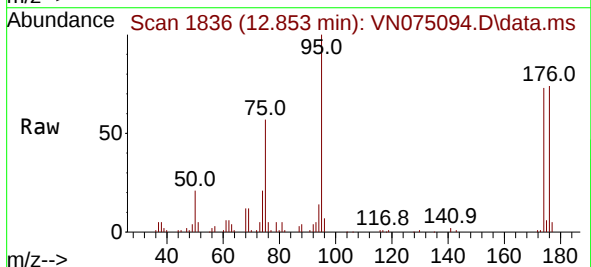
Instrument :
MSVOA_N
ClientSampleId :
COMPOSITE-PILE-2

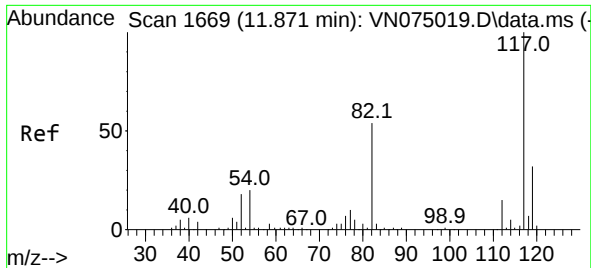
Tgt Ion: 98 Resp: 245203
Ion Ratio Lower Upper
98 100
100 63.4 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 47.971 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075094.D
Acq: 31 Oct 2022 18:11

Tgt Ion: 95 Resp: 75320
Ion Ratio Lower Upper
95 100
174 73.3 0.0 147.4
176 71.6 0.0 142.2

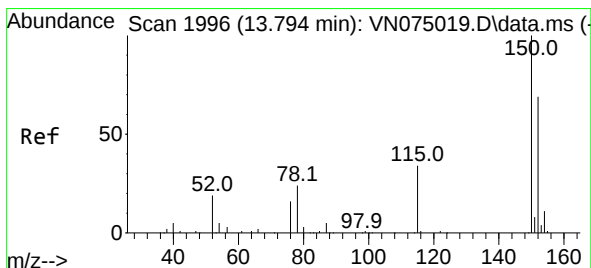
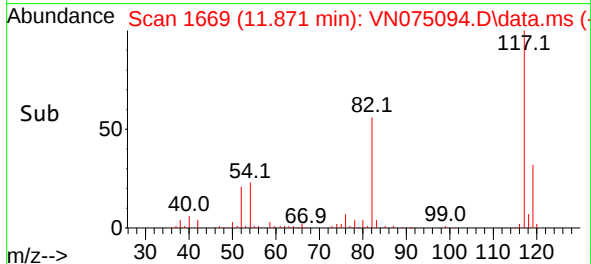
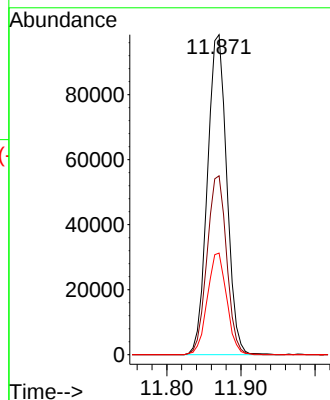
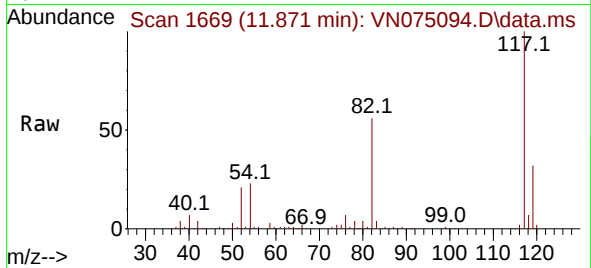




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN075094.D
Acq: 31 Oct 2022 18:11

Instrument :
MSVOA_N
ClientSampleId :
COMPOSITE-PILE-2

Tgt Ion:117 Resp: 178572
Ion Ratio Lower Upper
117 100
82 55.9 43.1 64.7
119 31.8 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: VN075094.D
Acq: 31 Oct 2022 18:11

Tgt Ion:152 Resp: 68069
Ion Ratio Lower Upper
152 100
115 61.4 30.2 90.6
150 157.5 0.0 348.4

