

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120722\
 Data File : VN075620.D
 Acq On : 07 Dec 2022 20:43
 Operator : JC\MD
 Sample : N5897-21
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STOCK-PILE

Quant Time: Dec 08 00:24:08 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)

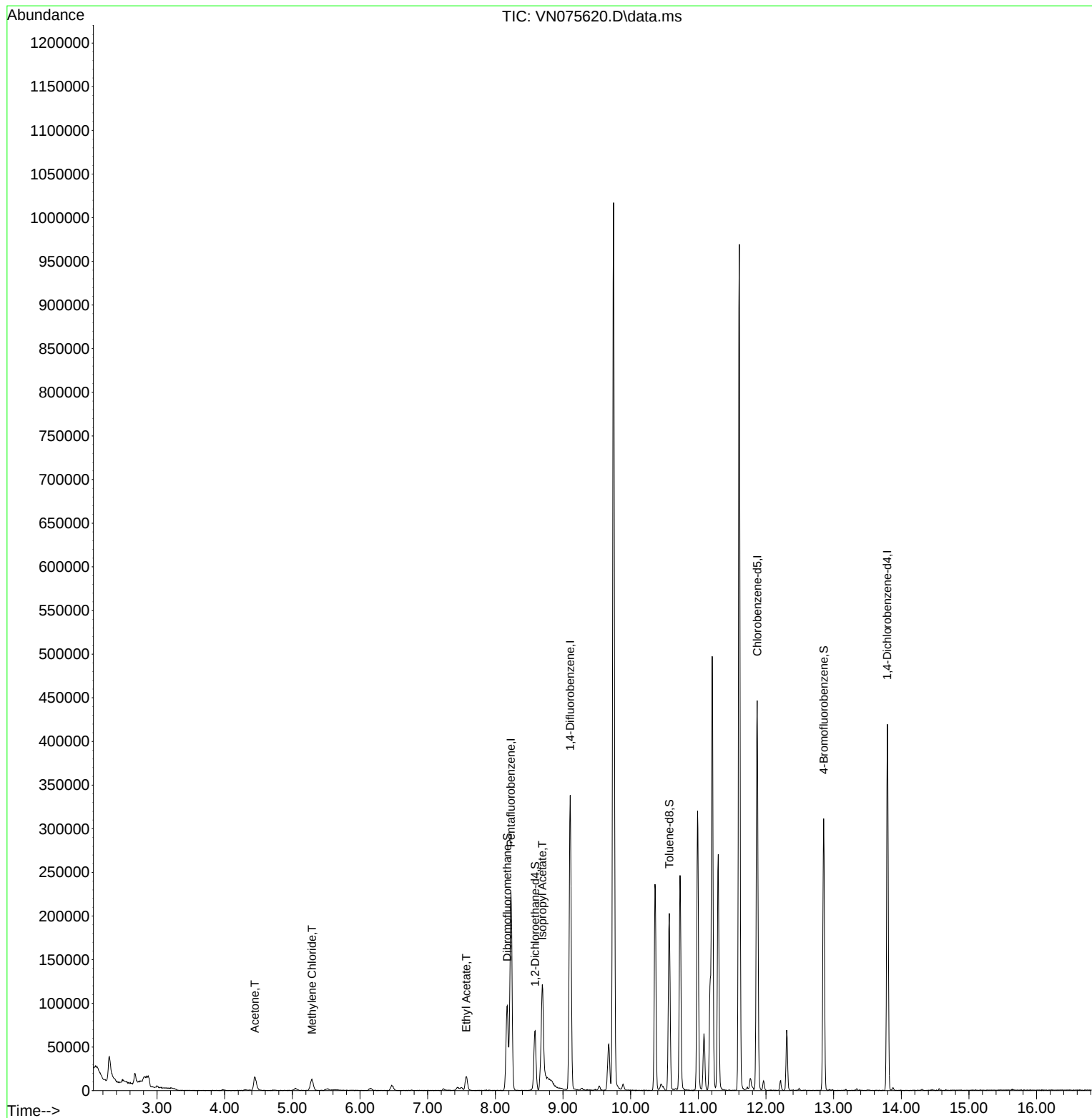
Internal Standards						
1) Pentafluorobenzene	8.230	168	182594	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	313491	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	280631	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	123672	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	55902	57.035	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	114.060%	
35) Dibromofluoromethane	8.177	113	70002	56.843	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	113.680%	
50) Toluene-d8	10.571	98	144337	52.038	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	104.080%	
62) 4-Bromofluorobenzene	12.853	95	104333	50.962	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	101.920%	
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	29415	32.175	ug/l	97
20) Methylene Chloride	5.289	84	11069	4.815	ug/l	87
37) Ethyl Acetate	7.571	43	24316	10.055	ug/l	100
43) Isopropyl Acetate	8.694	43	168308	43.361	ug/l #	80

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

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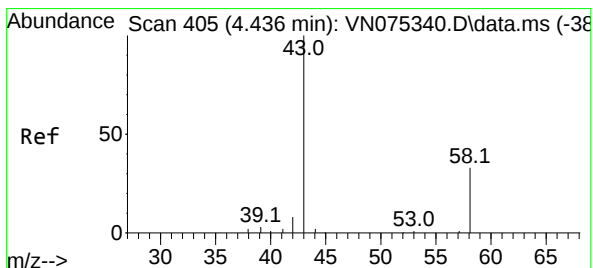
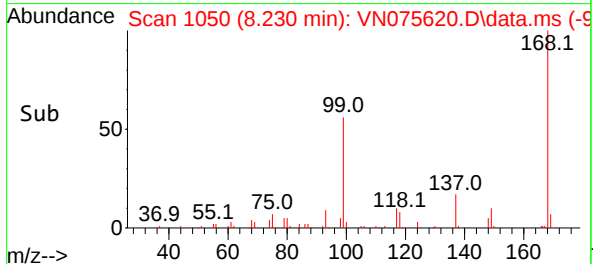
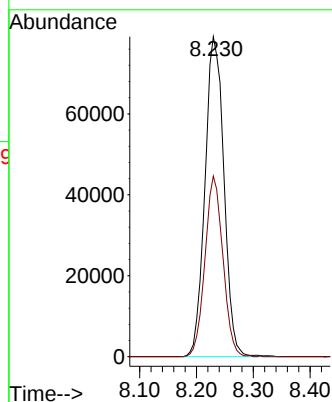
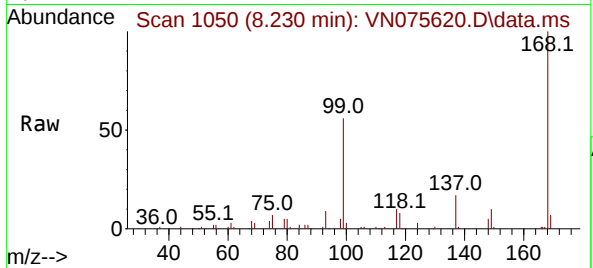




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075620.D
Acq: 07 Dec 2022 20:43

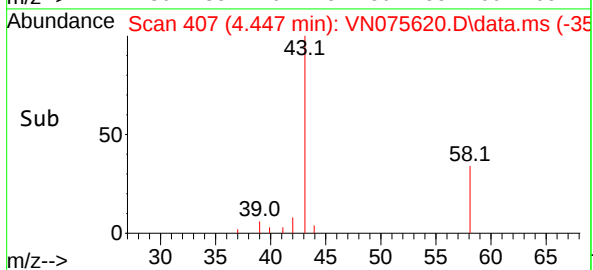
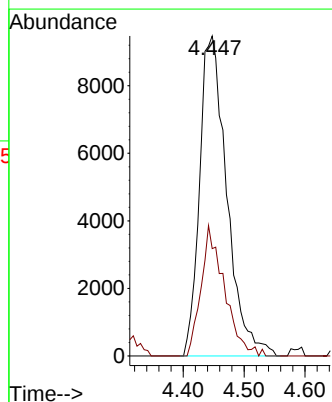
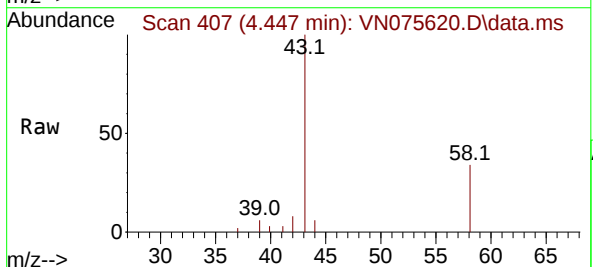
Instrument :
MSVOA_N
ClientSampleId :
STOCK-PILE

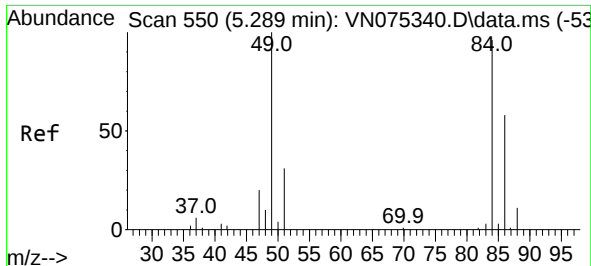
Tgt Ion:168 Resp: 182594
Ion Ratio Lower Upper
168 100
99 56.4 51.6 77.4



#16
Acetone
Concen: 32.175 ug/l
RT: 4.447 min Scan# 407
Delta R.T. 0.011 min
Lab File: VN075620.D
Acq: 07 Dec 2022 20:43

Tgt Ion: 43 Resp: 29415
Ion Ratio Lower Upper
43 100
58 33.6 25.5 38.3

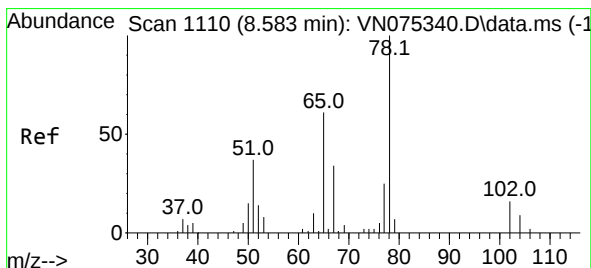
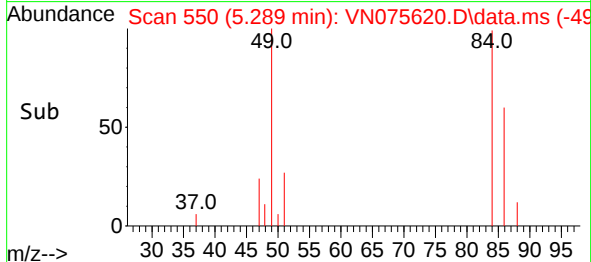
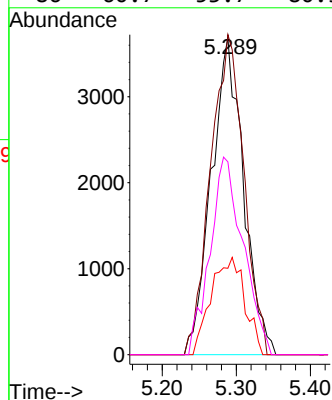
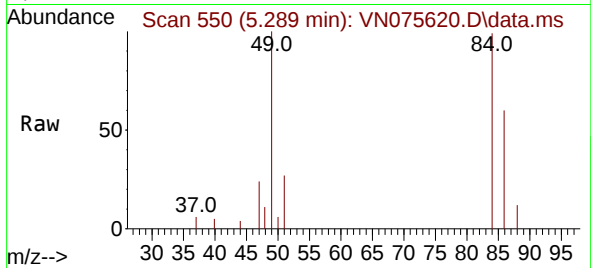




#20
Methylene Chloride
Concen: 4.815 ug/l
RT: 5.289 min Scan# 511
Delta R.T. -0.000 min
Lab File: VN075620.D
Acq: 07 Dec 2022 20:43

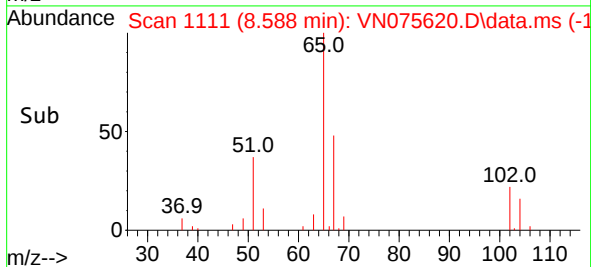
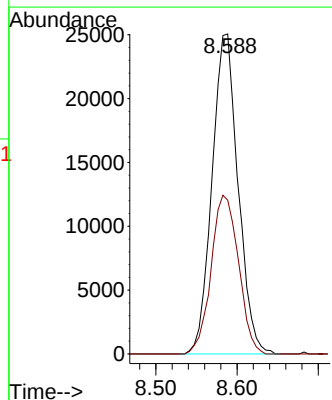
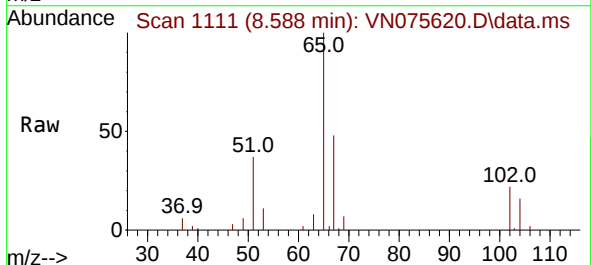
Instrument :
MSVOA_N
ClientSampleId :
STOCK-PILE

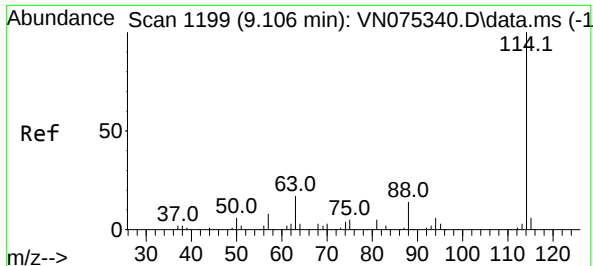
Tgt Ion: 84	Resp: 11069
Ion Ratio	Lower Upper
84 100	
49 100.8	94.9 142.3
51 27.2	26.8 40.2
86 60.7	53.7 80.5



#33
1,2-Dichloroethane-d4
Concen: 57.035 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.005 min
Lab File: VN075620.D
Acq: 07 Dec 2022 20:43

Tgt Ion: 65	Resp: 55902
Ion Ratio	Lower Upper
65 100	
67 52.0	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: VN075620.D

Acq: 07 Dec 2022 20:43

Instrument :

MSVOA_N

ClientSampleId :

STOCK-PILE

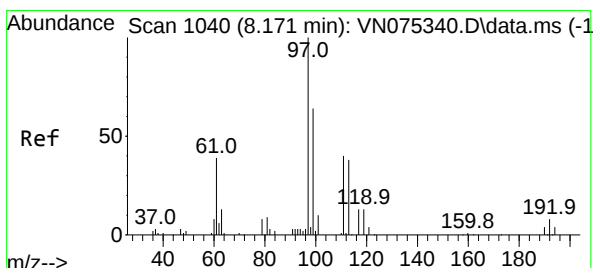
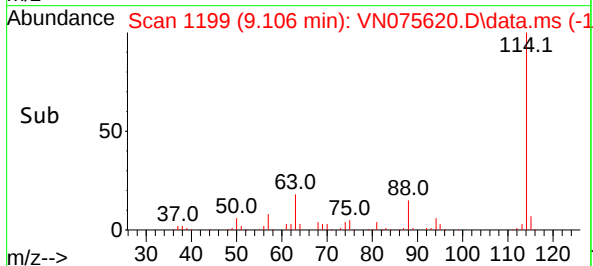
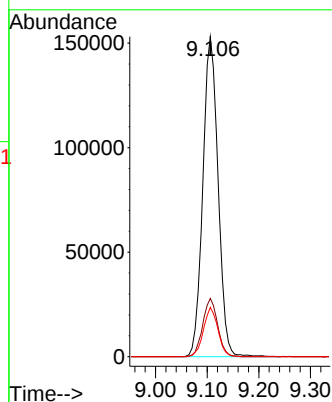
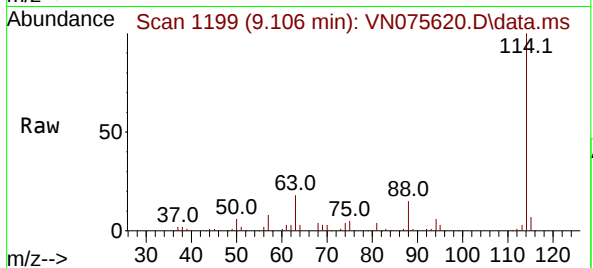
Tgt Ion:114 Resp: 313491

Ion Ratio Lower Upper

114 100

63 18.2 0.0 39.6

88 15.4 0.0 29.0



#35

Dibromofluoromethane

Concen: 56.843 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075620.D

Acq: 07 Dec 2022 20:43

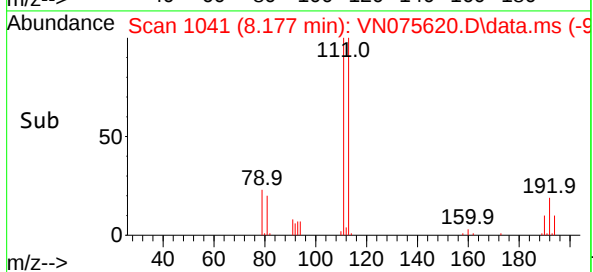
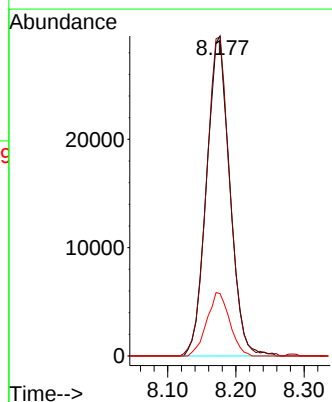
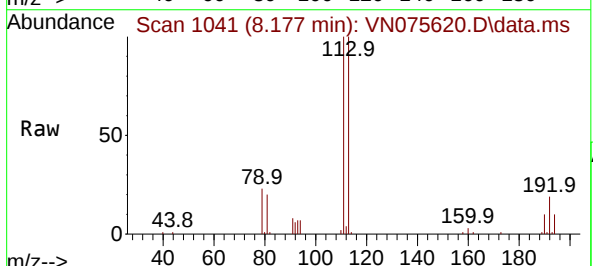
Tgt Ion:113 Resp: 70002

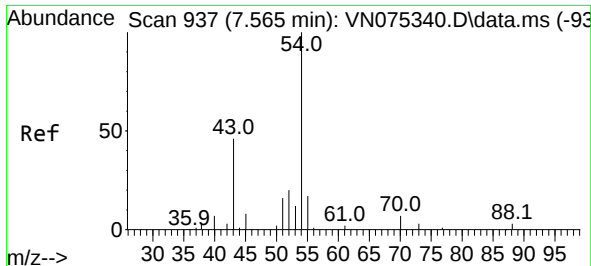
Ion Ratio Lower Upper

113 100

111 100.8 80.5 120.7

192 19.5 13.2 19.8

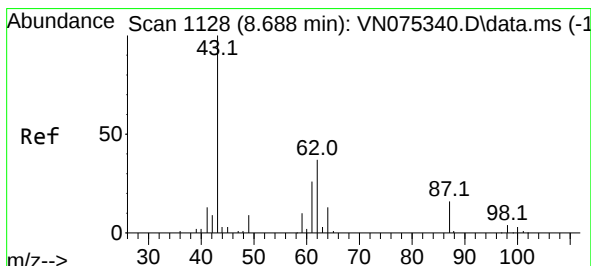
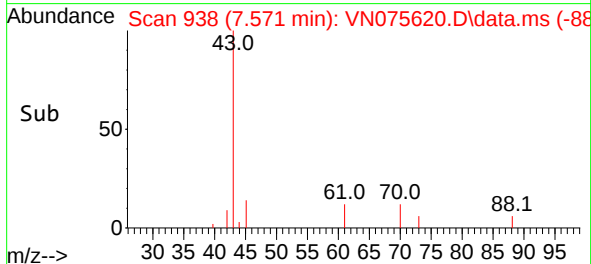
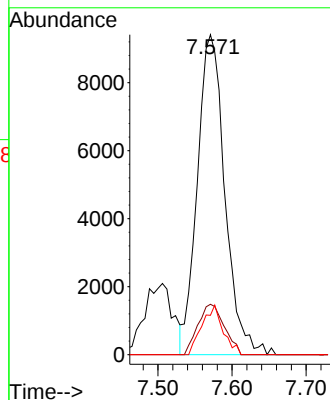
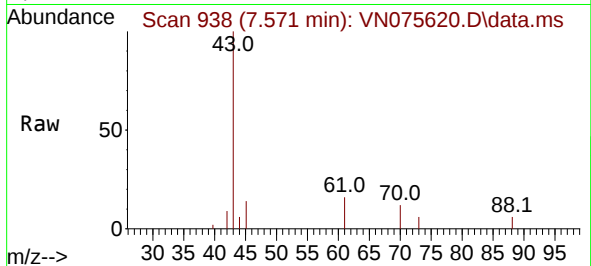




#37
Ethyl Acetate
Concen: 10.055 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075620.D
Acq: 07 Dec 2022 20:43

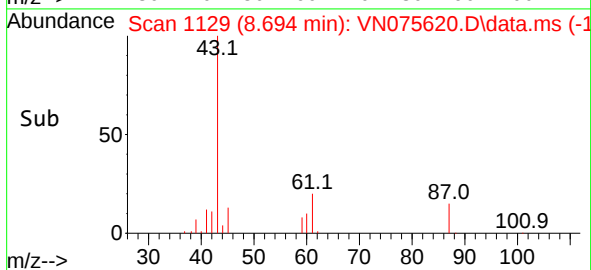
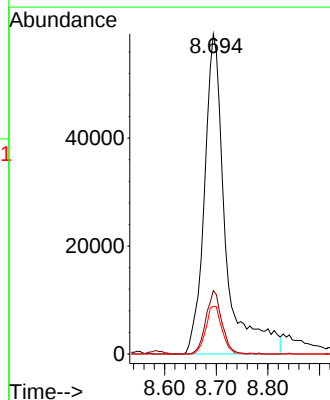
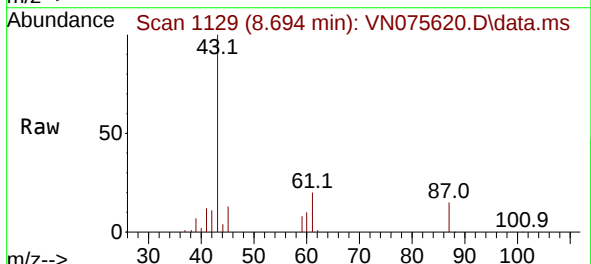
Instrument :
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ClientSampleId :
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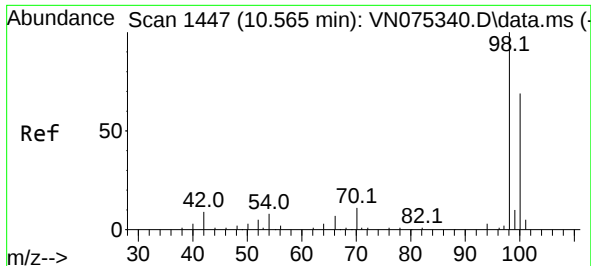
Tgt Ion: 43 Resp: 24316
Ion Ratio Lower Upper
43 100
61 15.1 12.2 18.4
70 11.9 9.4 14.2



#43
Isopropyl Acetate
Concen: 43.361 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VN075620.D
Acq: 07 Dec 2022 20:43

Tgt Ion: 43 Resp: 168308
Ion Ratio Lower Upper
43 100
61 14.8 22.4 33.6#
87 11.3 12.5 18.7#

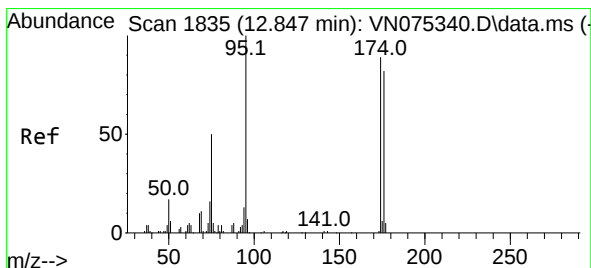
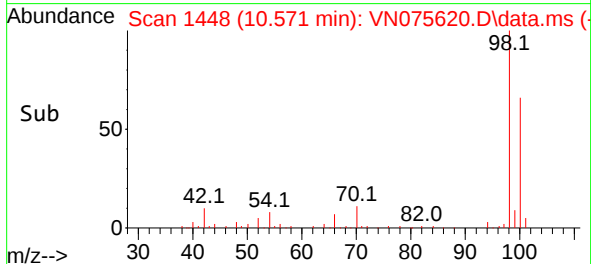
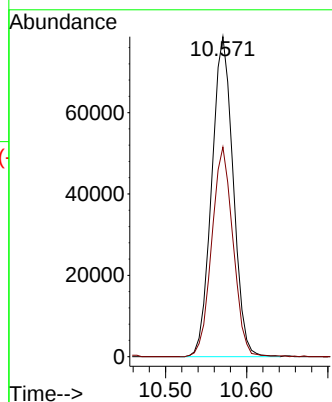
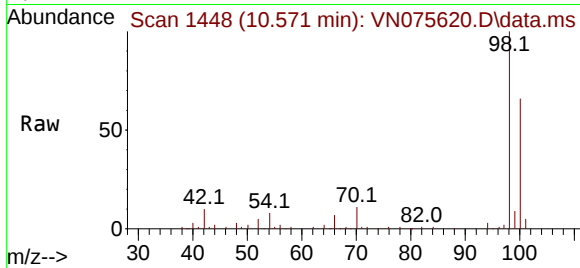




#50
Toluene-d8
Concen: 52.038 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN075620.D
Acq: 07 Dec 2022 20:43

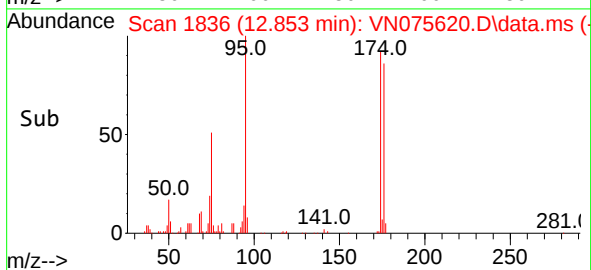
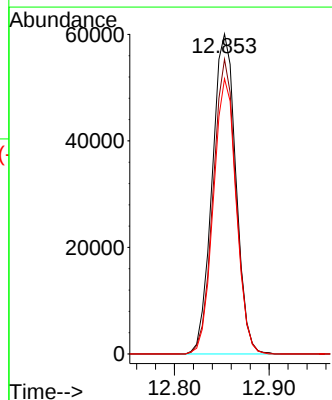
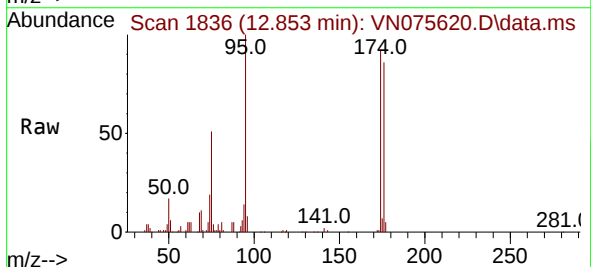
Instrument :
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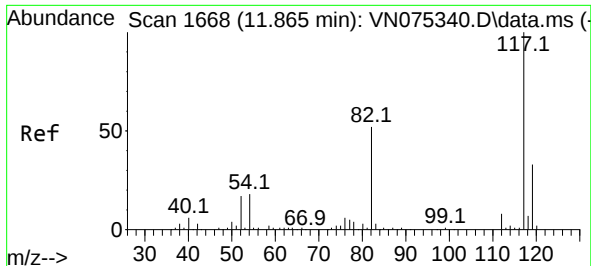
Tgt Ion: 98 Resp: 144337
Ion Ratio Lower Upper
98 100
100 65.2 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 50.962 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075620.D
Acq: 07 Dec 2022 20:43

Tgt Ion: 95 Resp: 104333
Ion Ratio Lower Upper
95 100
174 88.5 0.0 147.4
176 83.1 0.0 142.2

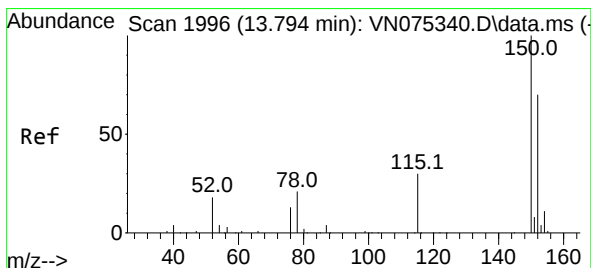
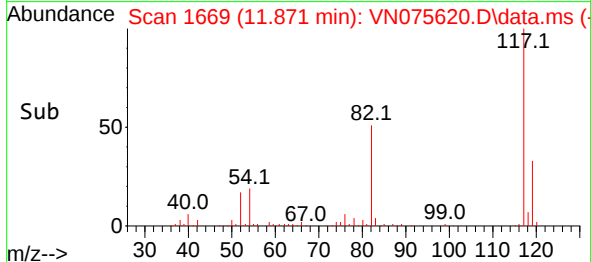
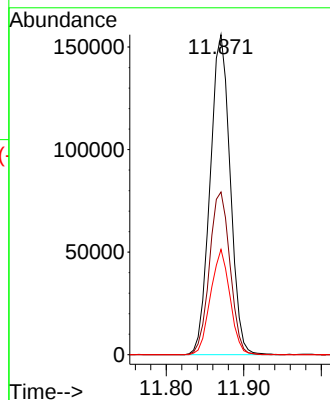
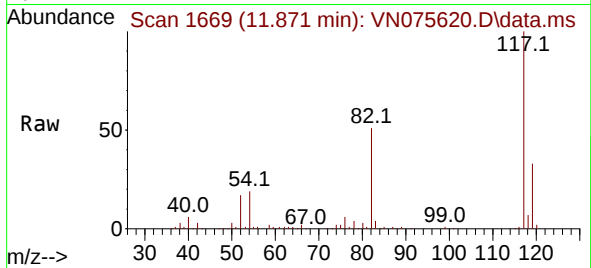




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN075620.D
Acq: 07 Dec 2022 20:43

Instrument :
MSVOA_N
ClientSampleId :
STOCK-PILE

Tgt Ion:117 Resp: 280631
Ion Ratio Lower Upper
117 100
82 50.8 43.1 64.7
119 32.9 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: VN075620.D
Acq: 07 Dec 2022 20:43

Tgt Ion:152 Resp: 123672
Ion Ratio Lower Upper
152 100
115 55.7 30.2 90.6
150 155.1 0.0 348.4

