

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121222\
 Data File : VN075744.D
 Acq On : 13 Dec 2022 06:28
 Operator : JC\MD
 Sample : PB149517ZHE#07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB149517ZHE#07

Quant Time: Dec 13 08:32:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 12 07:54:35 2022
 Response via : Initial Calibration

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

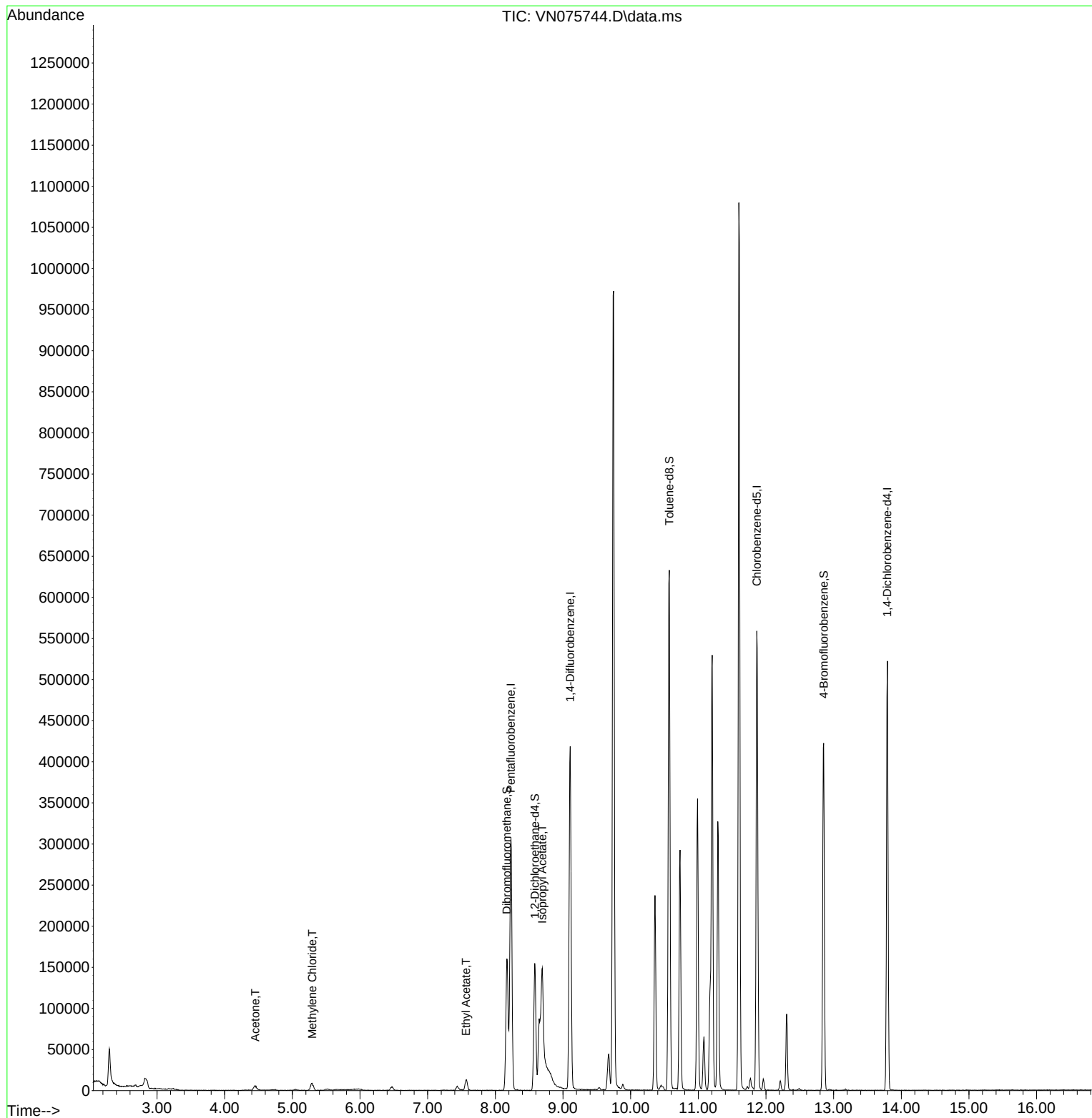
Internal Standards						
1) Pentafluorobenzene	8.230	168	243455	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	389399	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	348095	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	148404	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	123943	47.982	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.960%
35) Dibromofluoromethane	8.171	113	113532	47.787	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.580%
50) Toluene-d8	10.571	98	454670	50.960	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.920%
62) 4-Bromofluorobenzene	12.853	95	143067	46.899	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.800%
Target Compounds						
					Qvalue	
16) Acetone	4.453	43	11488	13.132	ug/l	96
20) Methylene Chloride	5.295	84	7695	2.951	ug/l	95
37) Ethyl Acetate	7.565	43	19556	7.721	ug/l	96
43) Isopropyl Acetate	8.694	43	293699	69.458	ug/l #	66

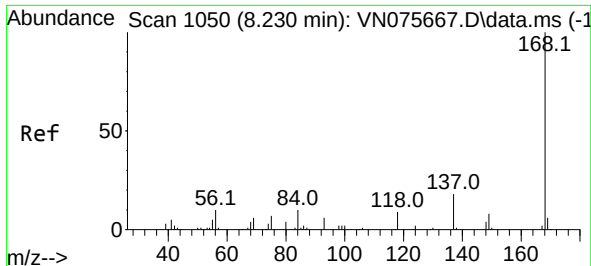
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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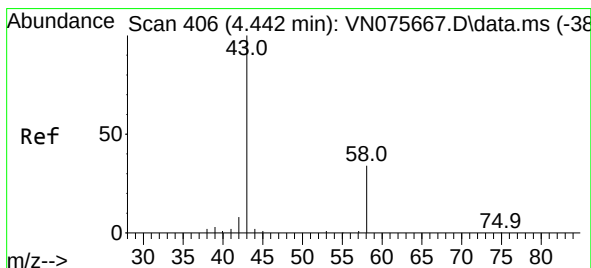
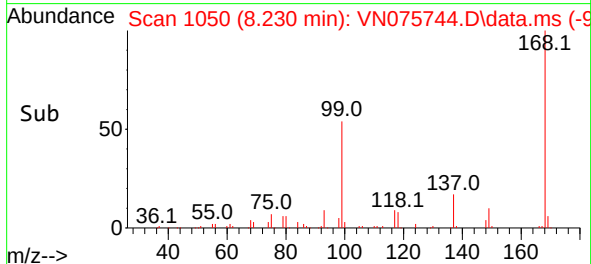
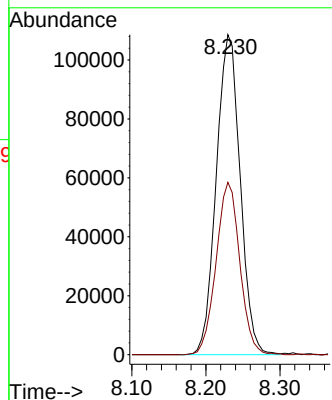
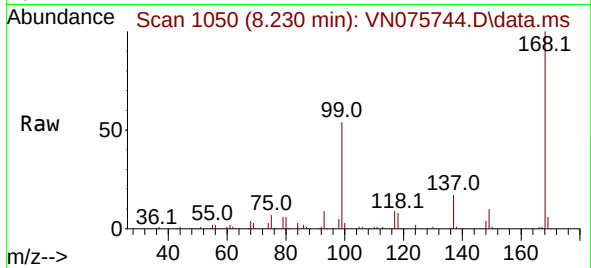




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075744.D
Acq: 13 Dec 2022 06:28

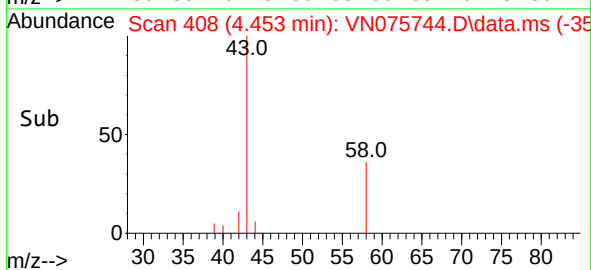
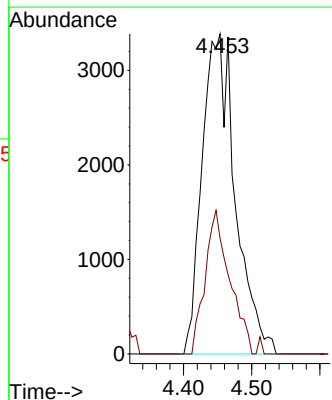
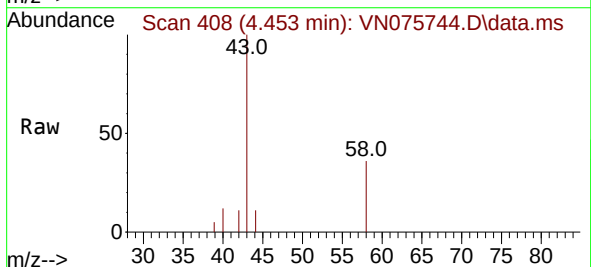
Instrument :
MSVOA_N
ClientSampleId :
PB149517ZHE#07

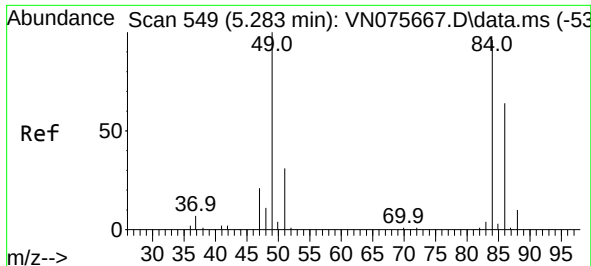
Tgt Ion:168 Resp: 243455
Ion Ratio Lower Upper
168 100
99 53.9 41.2 61.8



#16
Acetone
Concen: 13.132 ug/l
RT: 4.453 min Scan# 408
Delta R.T. 0.012 min
Lab File: VN075744.D
Acq: 13 Dec 2022 06:28

Tgt Ion: 43 Resp: 11488
Ion Ratio Lower Upper
43 100
58 36.1 27.0 40.4

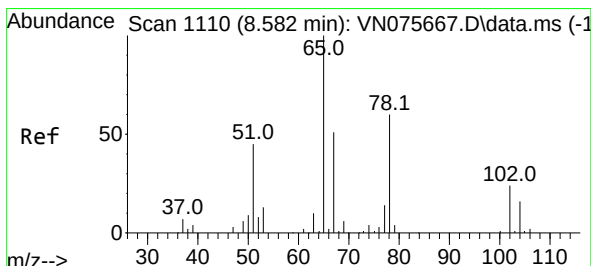
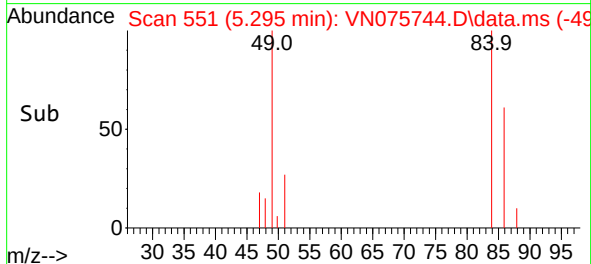
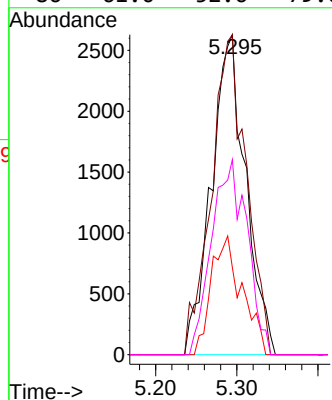
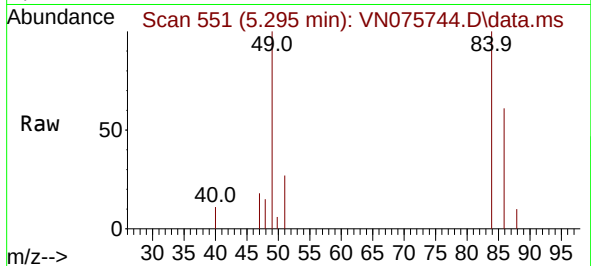




#20
Methylene Chloride
Concen: 2.951 ug/l
RT: 5.295 min Scan# 511
Delta R.T. 0.012 min
Lab File: VN075744.D
Acq: 13 Dec 2022 06:28

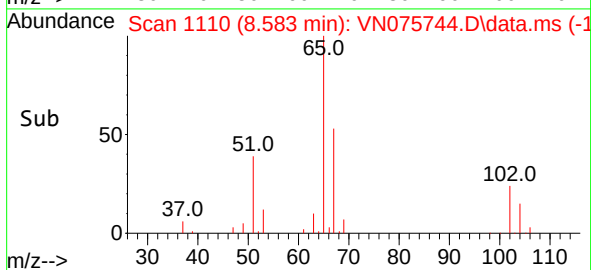
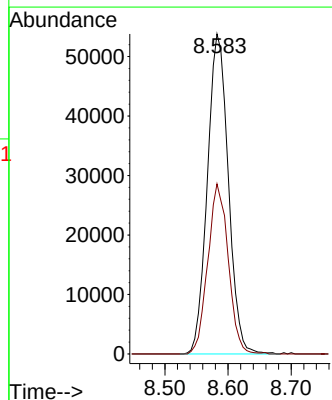
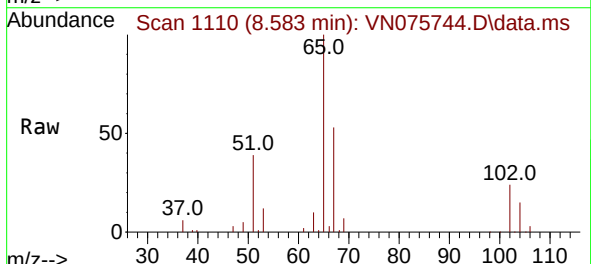
Instrument :
MSVOA_N
ClientSampleId :
PB149517ZHE#07

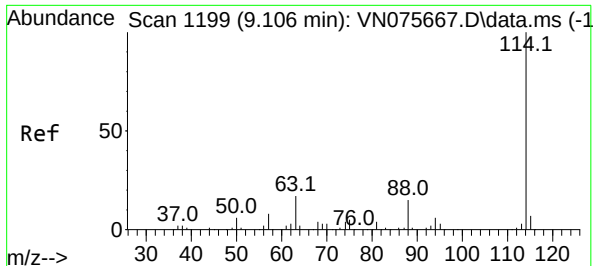
Tgt Ion: 84	Resp: 7695
Ion Ratio	Lower Upper
84 100	
49 100.0	83.0 124.4
51 27.3	26.0 39.0
86 61.0	52.6 79.0



#33
1,2-Dichloroethane-d4
Concen: 47.982 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN075744.D
Acq: 13 Dec 2022 06:28

Tgt Ion: 65	Resp: 123943
Ion Ratio	Lower Upper
65 100	
67 51.8	0.0 104.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075744.D

Acq: 13 Dec 2022 06:28

Instrument :

MSVOA_N

ClientSampleId :

PB149517ZHE#07

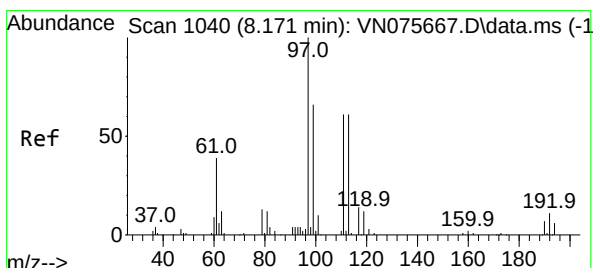
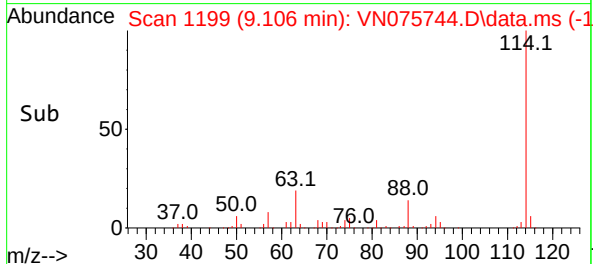
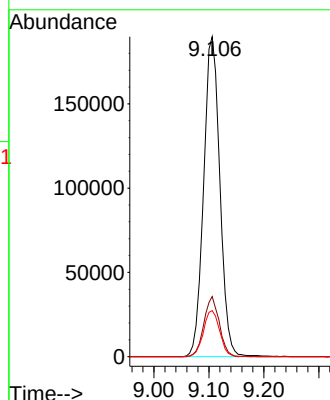
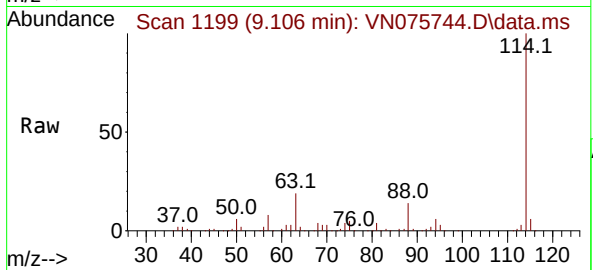
Tgt Ion:114 Resp: 389399

Ion Ratio Lower Upper

114 100

63 18.8 0.0 34.4

88 14.4 0.0 29.2



#35

Dibromofluoromethane

Concen: 47.787 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN075744.D

Acq: 13 Dec 2022 06:28

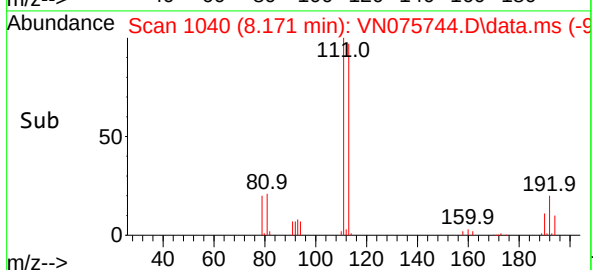
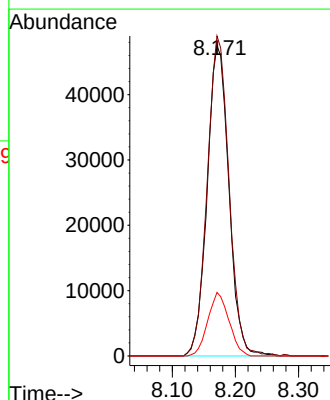
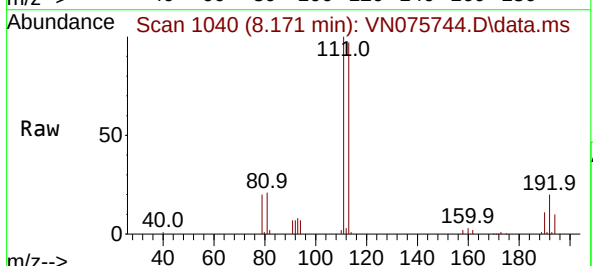
Tgt Ion:113 Resp: 113532

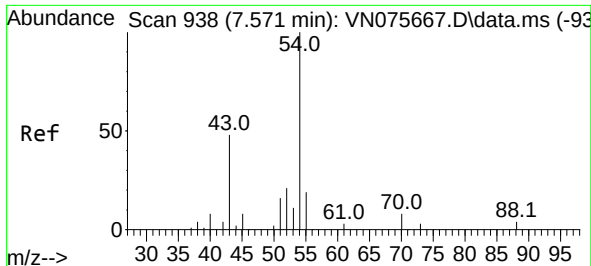
Ion Ratio Lower Upper

113 100

111 103.1 81.0 121.6

192 19.9 16.2 24.2





#37

Ethyl Acetate

Concen: 7.721 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN075744.D

Acq: 13 Dec 2022 06:28

Instrument :

MSVOA_N

ClientSampleId :

PB149517ZHE#07

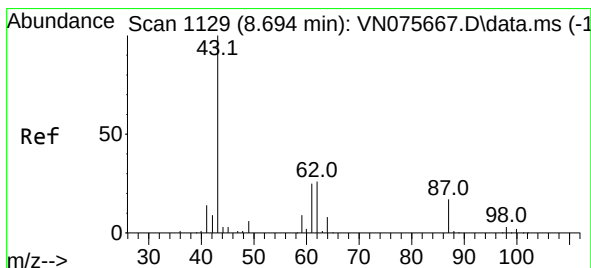
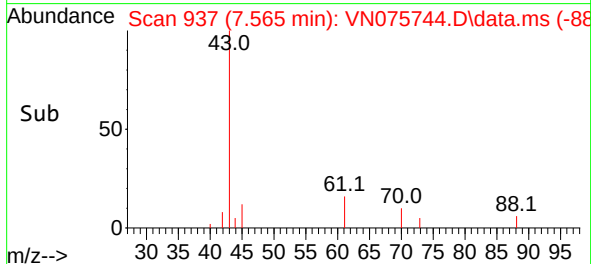
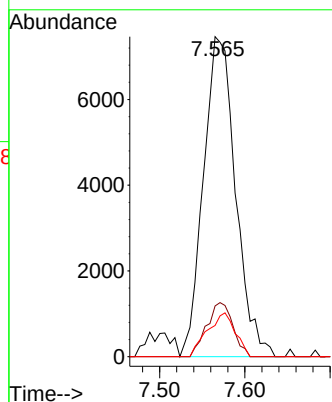
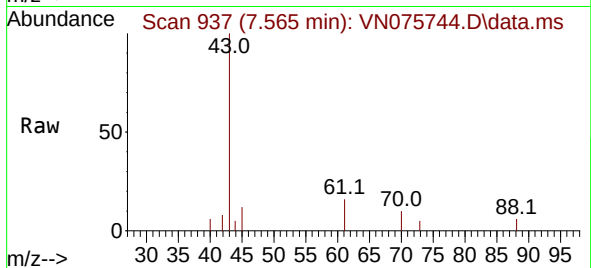
Tgt Ion: 43 Resp: 19556

Ion Ratio Lower Upper

43 100

61 13.8 13.3 19.9

70 11.9 9.9 14.9



#43

Isopropyl Acetate

Concen: 69.458 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN075744.D

Acq: 13 Dec 2022 06:28

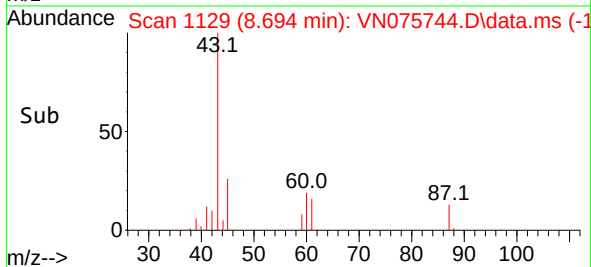
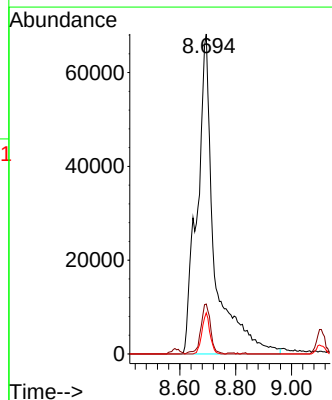
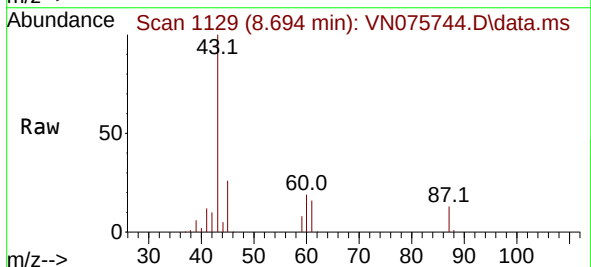
Tgt Ion: 43 Resp: 293699

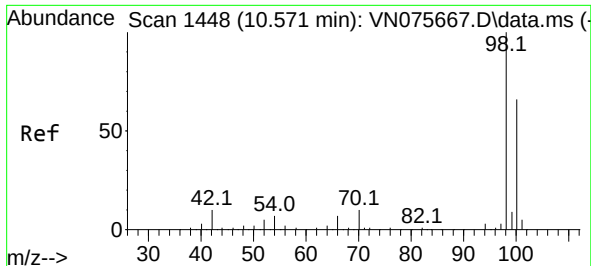
Ion Ratio Lower Upper

43 100

61 8.7 23.8 35.8#

87 5.9 13.7 20.5#

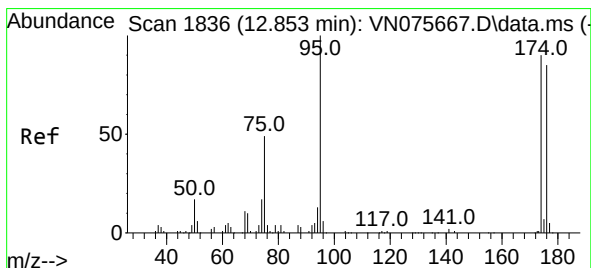
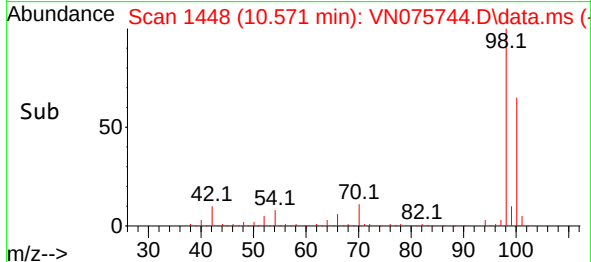
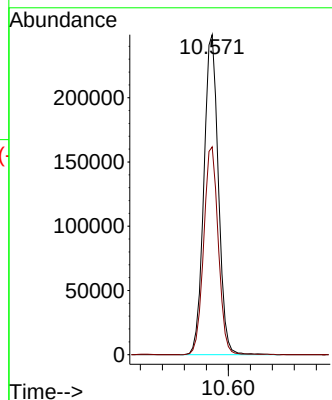
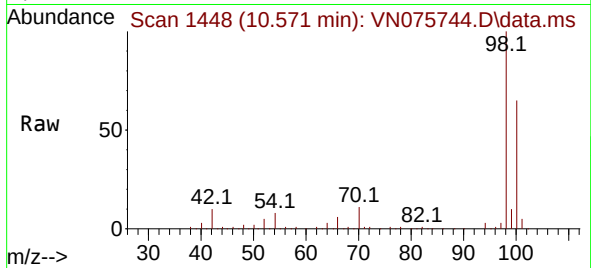




#50
Toluene-d8
Concen: 50.960 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075744.D
Acq: 13 Dec 2022 06:28

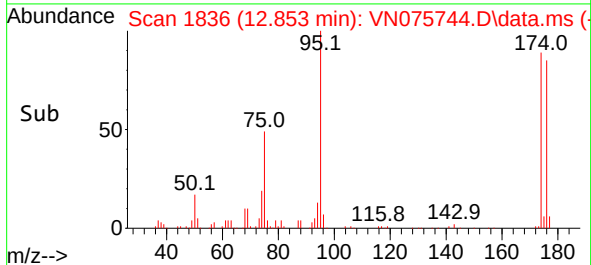
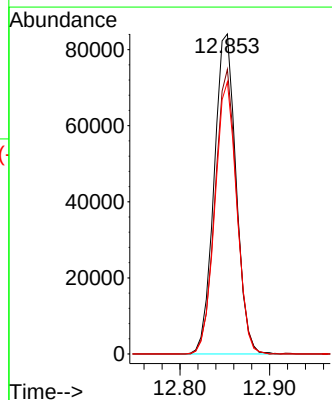
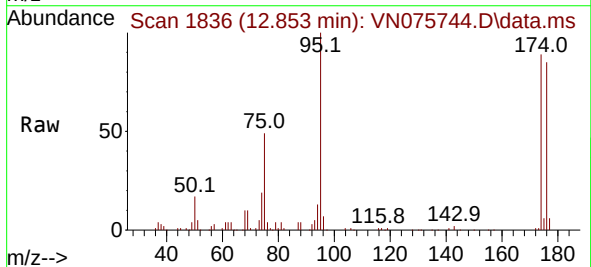
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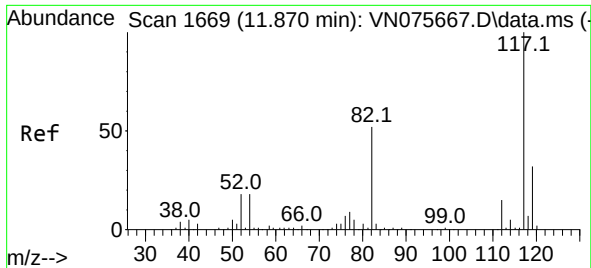
Tgt Ion: 98 Resp: 454670
Ion Ratio Lower Upper
98 100
100 65.5 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 46.899 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075744.D
Acq: 13 Dec 2022 06:28

Tgt Ion: 95 Resp: 143067
Ion Ratio Lower Upper
95 100
174 87.6 0.0 178.6
176 84.2 0.0 170.8

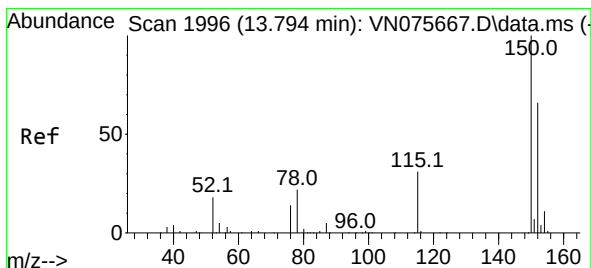
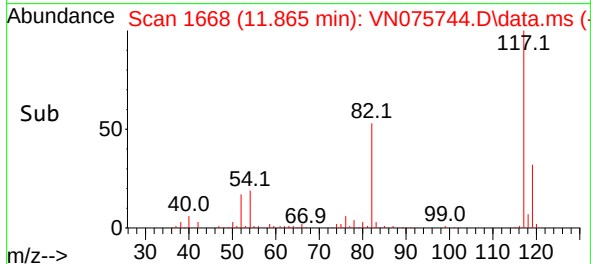
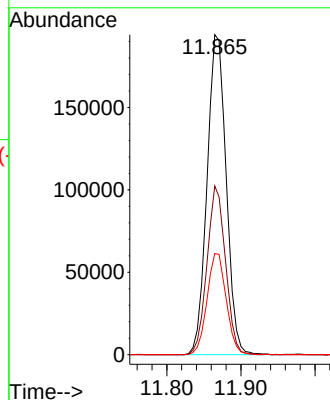
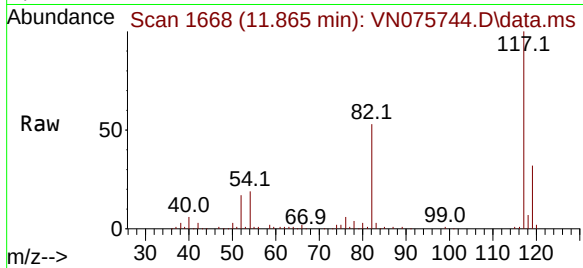




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN075744.D
Acq: 13 Dec 2022 06:28

Instrument :
MSVOA_N
ClientSampleId :
PB149517ZHE#07

Tgt Ion:117 Resp: 348095
Ion Ratio Lower Upper
117 100
82 52.7 41.8 62.8
119 31.6 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075744.D
Acq: 13 Dec 2022 06:28

Tgt Ion:152 Resp: 148404
Ion Ratio Lower Upper
152 100
115 56.6 28.4 85.2
150 155.2 0.0 347.6

