

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120522\
 Data File : VN075568.D
 Acq On : 05 Dec 2022 18:55
 Operator : JC\MD
 Sample : PB149407ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB149407ZHE#01

Quant Time: Dec 06 03:26:31 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)

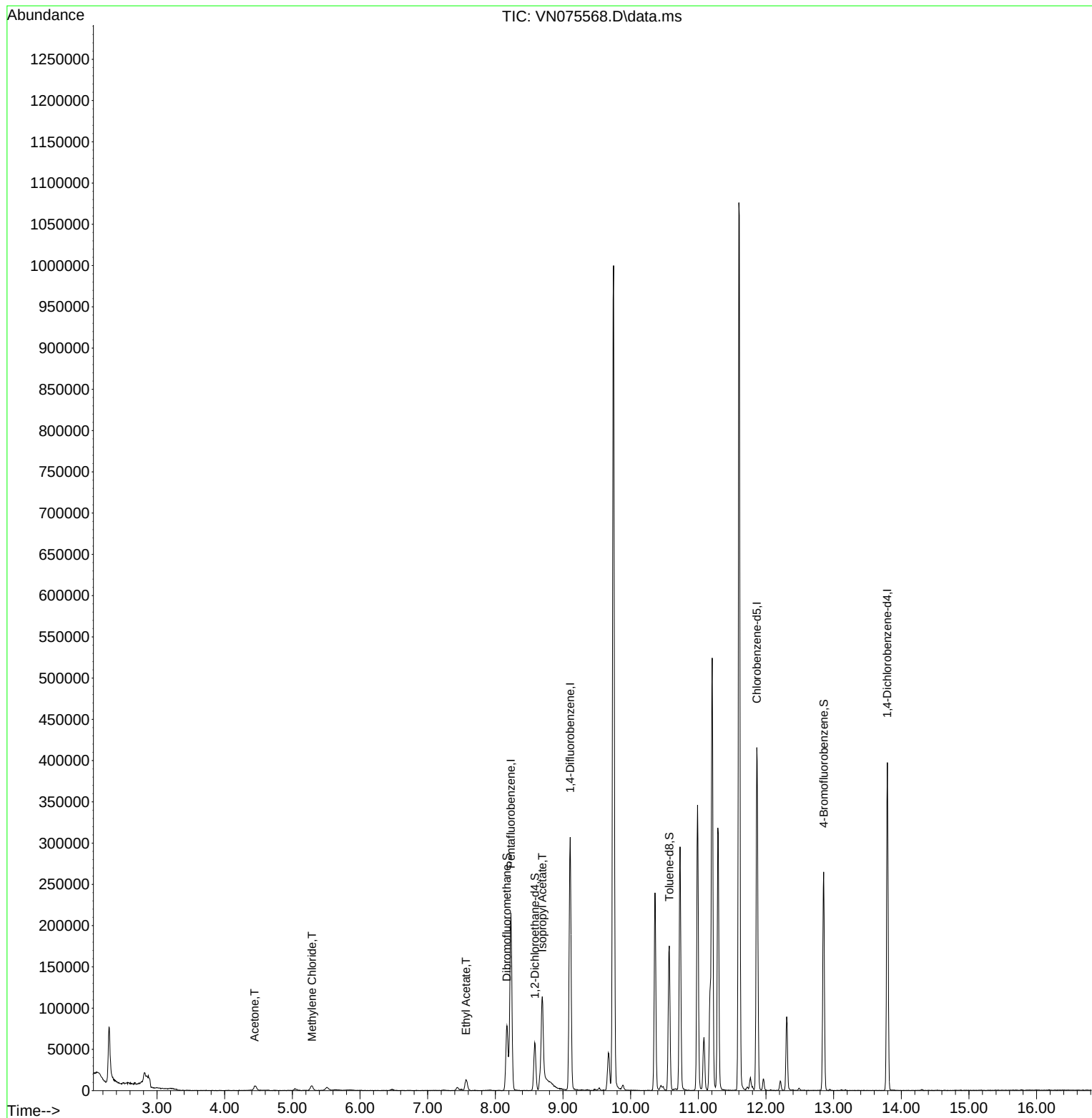
Internal Standards						
1) Pentafluorobenzene	8.229	168	164805	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	278596	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	256403	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	114047	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	47030	53.162	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.320%	
35) Dibromofluoromethane	8.171	113	57781	52.796	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.600%	
50) Toluene-d8	10.570	98	127017	51.530	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.060%	
62) 4-Bromofluorobenzene	12.853	95	89533	49.211	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.420%	
Target Compounds						
					Qvalue	
16) Acetone	4.441	43	11074	13.420	ug/l	91
20) Methylene Chloride	5.288	84	4944	1.720	ug/l #	87
37) Ethyl Acetate	7.565	43	20676	9.621	ug/l	98
43) Isopropyl Acetate	8.694	43	148836	43.148	ug/l #	81

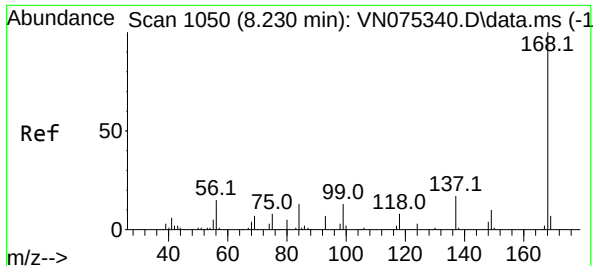
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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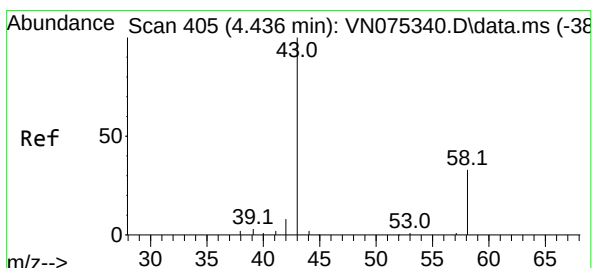
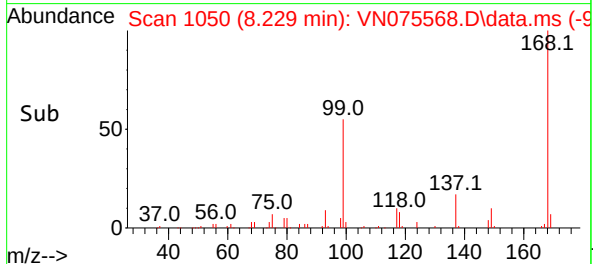
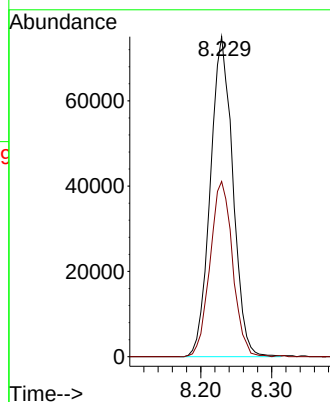
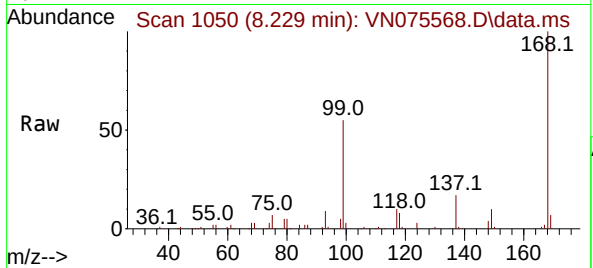




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN075568.D
Acq: 05 Dec 2022 18:55

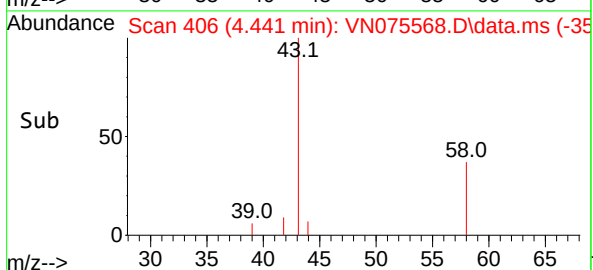
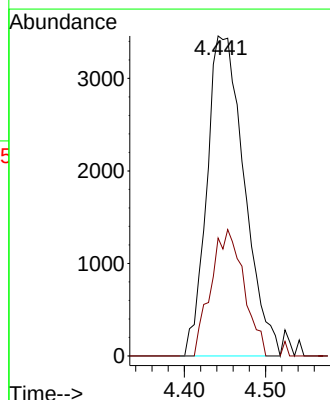
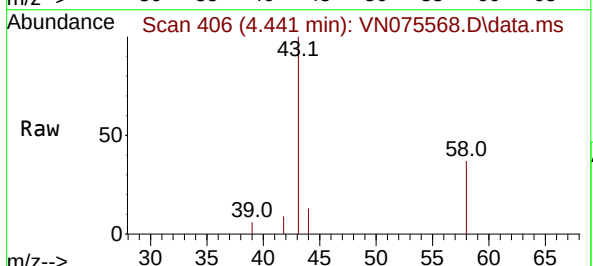
Instrument :
MSVOA_N
ClientSampleId :
PB149407ZHE#01

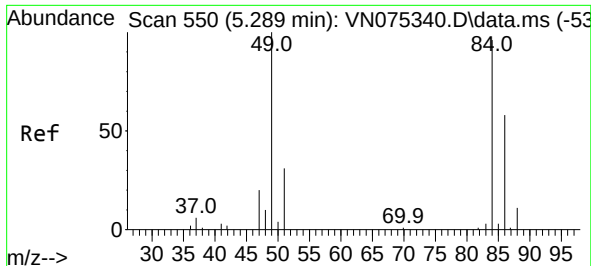
Tgt Ion:168 Resp: 164805
Ion Ratio Lower Upper
168 100
99 54.7 51.6 77.4



#16
Acetone
Concen: 13.420 ug/l
RT: 4.441 min Scan# 406
Delta R.T. 0.005 min
Lab File: VN075568.D
Acq: 05 Dec 2022 18:55

Tgt Ion: 43 Resp: 11074
Ion Ratio Lower Upper
43 100
58 36.8 25.5 38.3

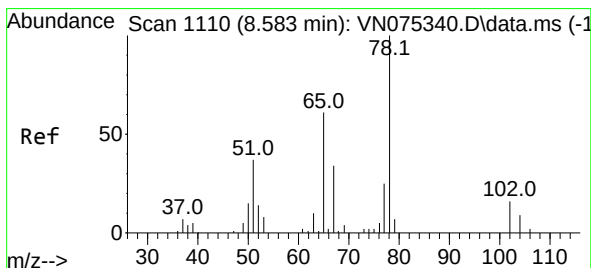
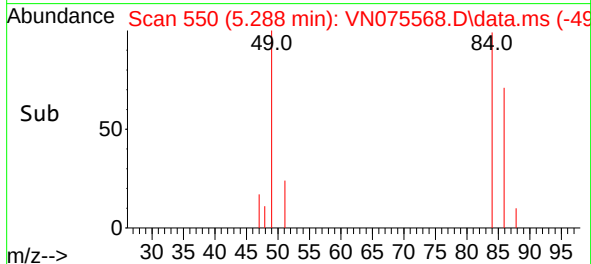
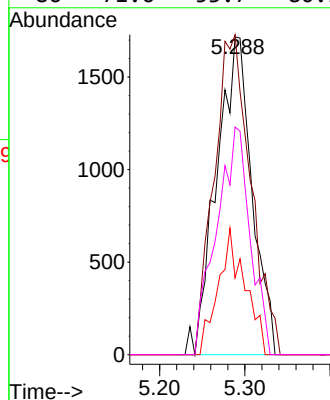
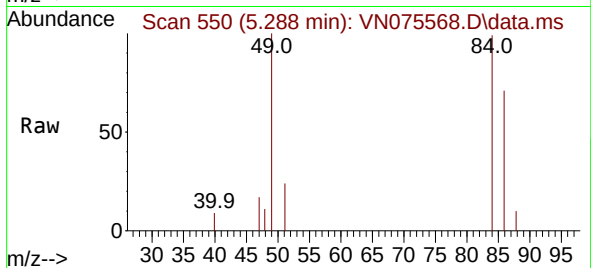




#20
Methylene Chloride
Concen: 1.720 ug/l
RT: 5.288 min Scan# 511
Delta R.T. -0.001 min
Lab File: VN075568.D
Acq: 05 Dec 2022 18:55

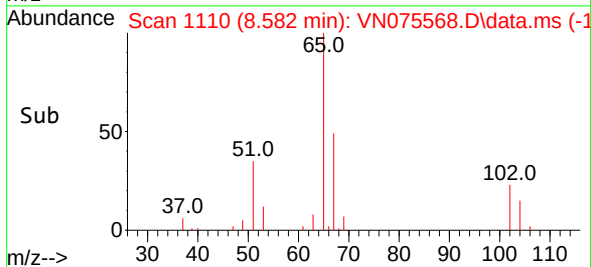
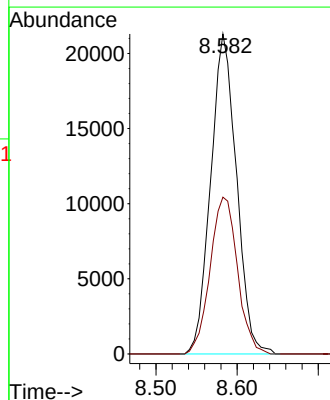
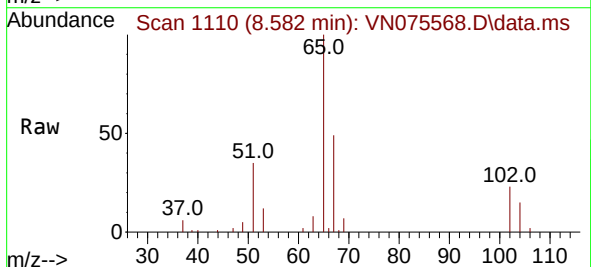
Instrument :
MSVOA_N
ClientSampleId :
PB149407ZHE#01

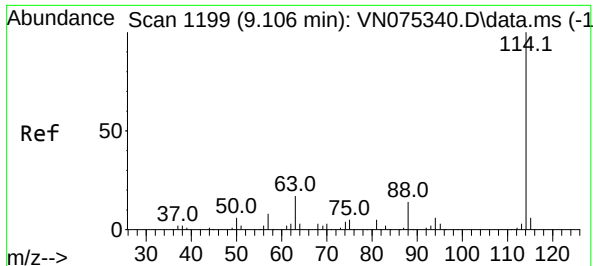
Tgt Ion: 84	Resp: 4944
Ion Ratio	Lower Upper
84 100	
49 100.7	94.9 142.3
51 24.2	26.8 40.2#
86 71.6	53.7 80.5



#33
1,2-Dichloroethane-d4
Concen: 53.162 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.001 min
Lab File: VN075568.D
Acq: 05 Dec 2022 18:55

Tgt Ion: 65	Resp: 47030
Ion Ratio	Lower Upper
65 100	
67 51.9	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: VN075568.D

Acq: 05 Dec 2022 18:55

Instrument :

MSVOA_N

ClientSampleId :

PB149407ZHE#01

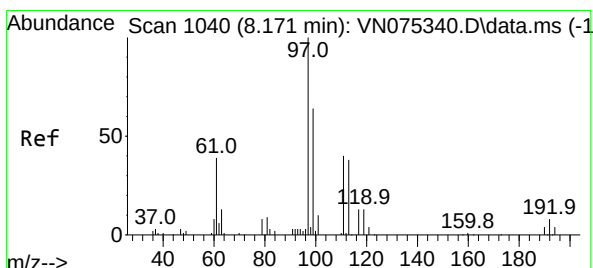
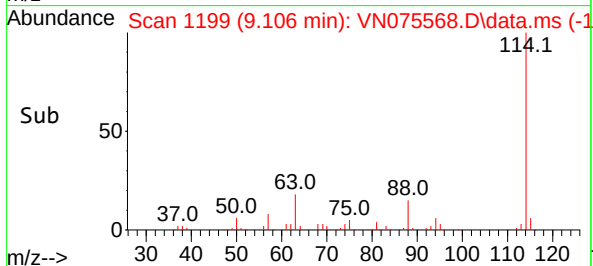
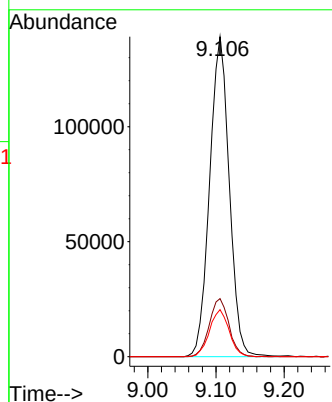
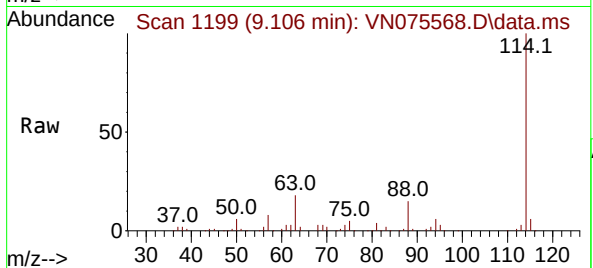
Tgt Ion:114 Resp: 278596

Ion Ratio Lower Upper

114 100

63 18.2 0.0 39.6

88 14.7 0.0 29.0



#35

Dibromofluoromethane

Concen: 52.796 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075568.D

Acq: 05 Dec 2022 18:55

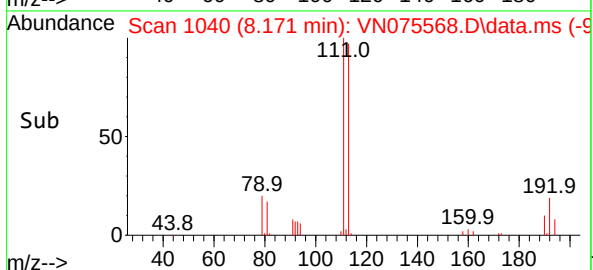
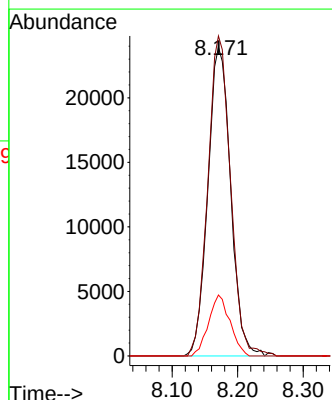
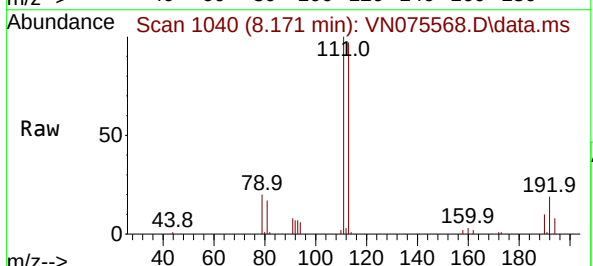
Tgt Ion:113 Resp: 57781

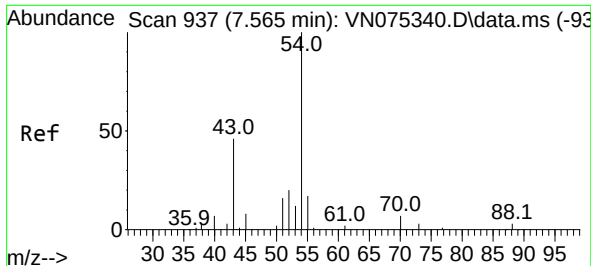
Ion Ratio Lower Upper

113 100

111 102.9 80.5 120.7

192 18.5 13.2 19.8





#37

Ethyl Acetate

Concen: 9.621 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN075568.D

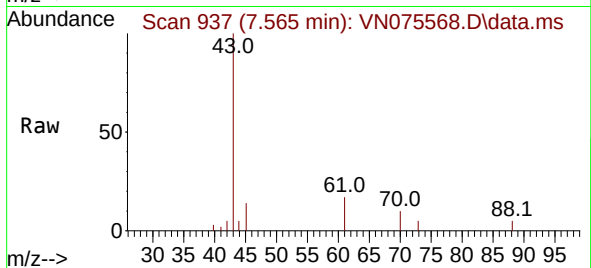
Acq: 05 Dec 2022 18:55

Instrument :

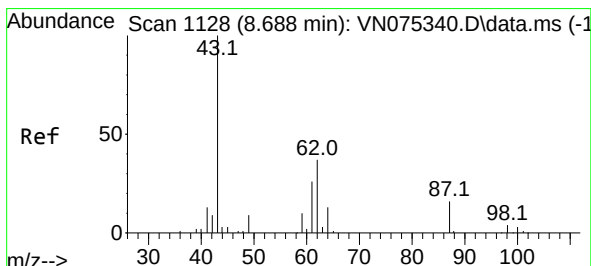
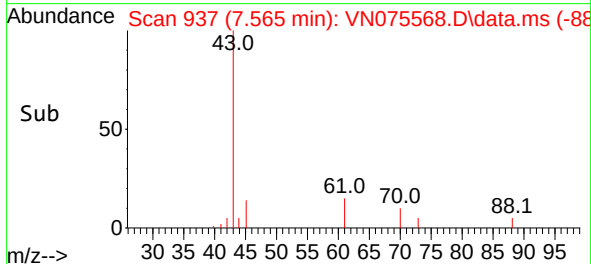
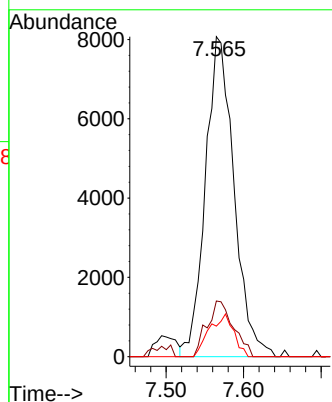
MSVOA_N

ClientSampleId :

PB149407ZHE#01



Tgt Ion:	43	Resp:	20676
Ion	Ratio	Lower	Upper
43	100		
61	16.1	12.2	18.4
70	11.4	9.4	14.2



#43

Isopropyl Acetate

Concen: 43.148 ug/l

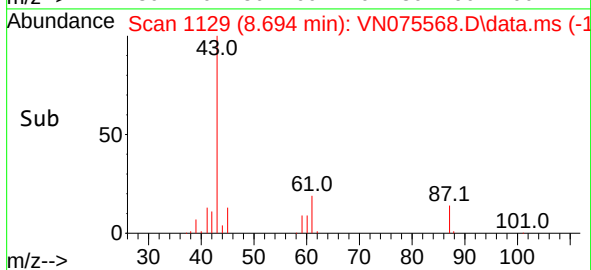
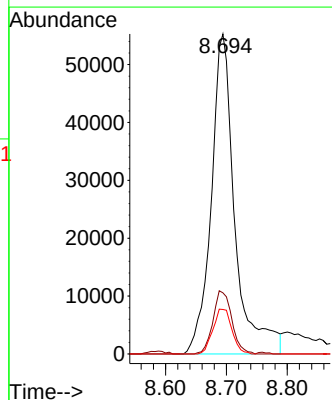
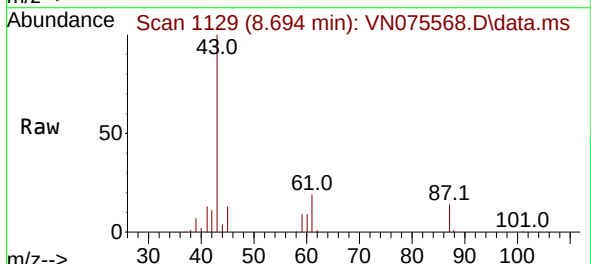
RT: 8.694 min Scan# 1129

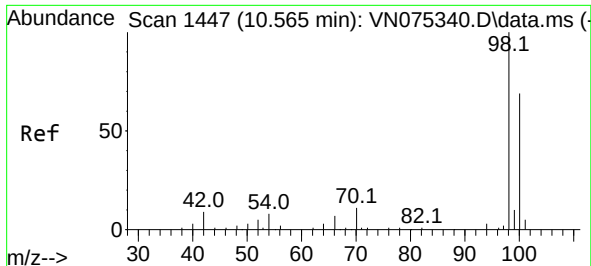
Delta R.T. 0.006 min

Lab File: VN075568.D

Acq: 05 Dec 2022 18:55

Tgt Ion:	43	Resp:	148836
Ion	Ratio	Lower	Upper
43	100		
61	15.7	22.4	33.6#
87	11.2	12.5	18.7#

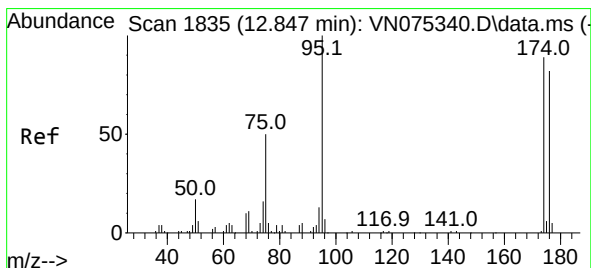
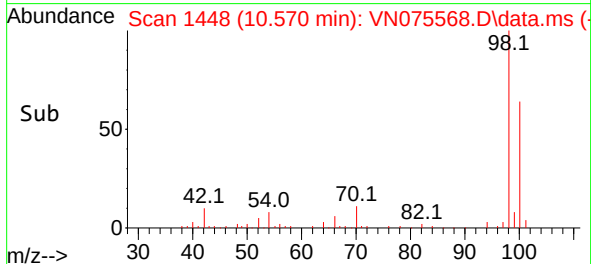
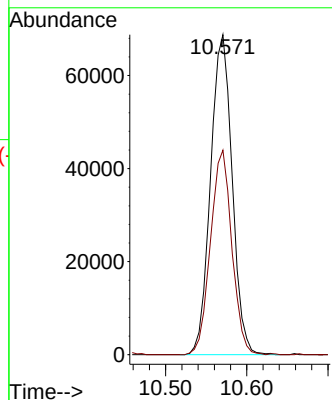
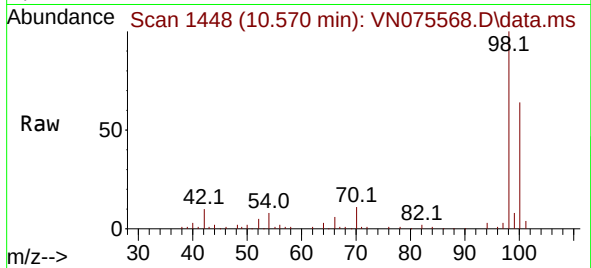




#50
Toluene-d8
Concen: 51.530 ug/l
RT: 10.570 min Scan# 1447
Delta R.T. 0.005 min
Lab File: VN075568.D
Acq: 05 Dec 2022 18:55

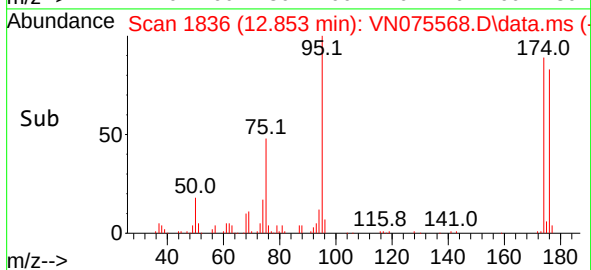
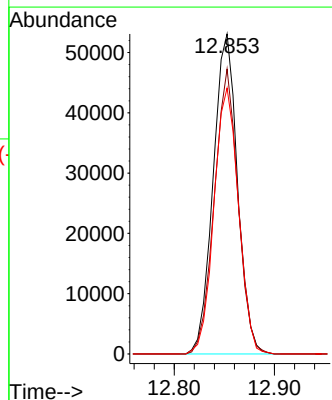
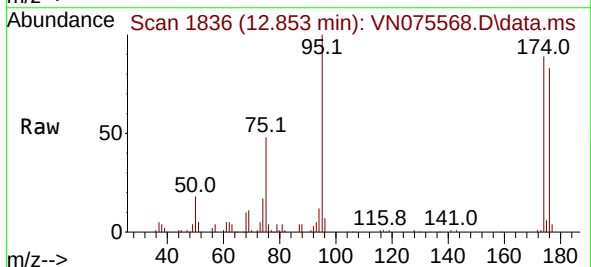
Instrument :
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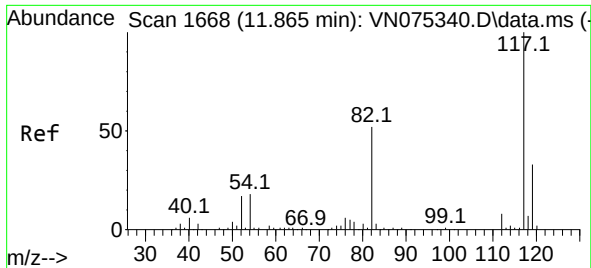
Tgt Ion: 98 Resp: 127017
Ion Ratio Lower Upper
98 100
100 63.2 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 49.211 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075568.D
Acq: 05 Dec 2022 18:55

Tgt Ion: 95 Resp: 89533
Ion Ratio Lower Upper
95 100
174 86.4 0.0 147.4
176 83.6 0.0 142.2

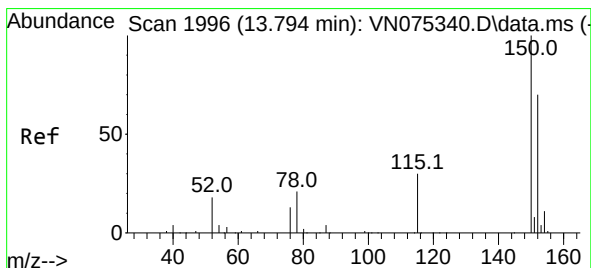
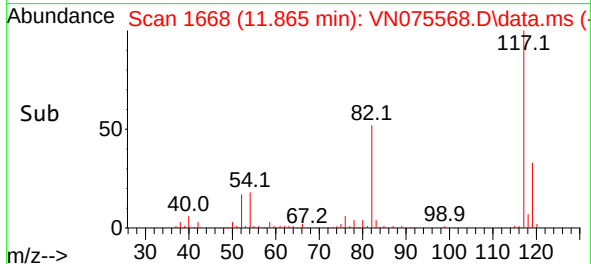
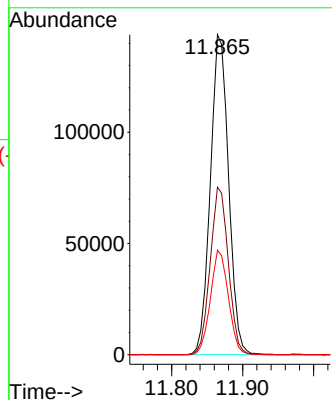
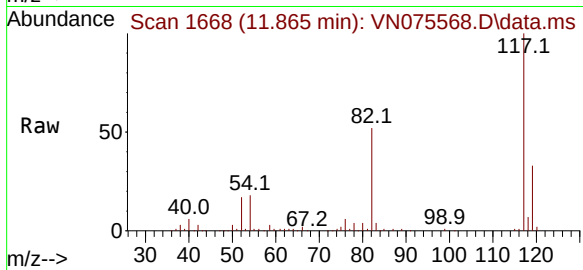




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075568.D
Acq: 05 Dec 2022 18:55

Instrument :
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Tgt Ion:117 Resp: 256403
Ion Ratio Lower Upper
117 100
82 52.4 43.1 64.7
119 32.7 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: VN075568.D
Acq: 05 Dec 2022 18:55

Tgt Ion:152 Resp: 114047
Ion Ratio Lower Upper
152 100
115 57.1 30.2 90.6
150 154.0 0.0 348.4

