

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120522\
 Data File : VN075572.D
 Acq On : 05 Dec 2022 20:30
 Operator : JC\MD
 Sample : PB149407ZHE#05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB149407ZHE#05

Quant Time: Dec 06 03:27:10 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)

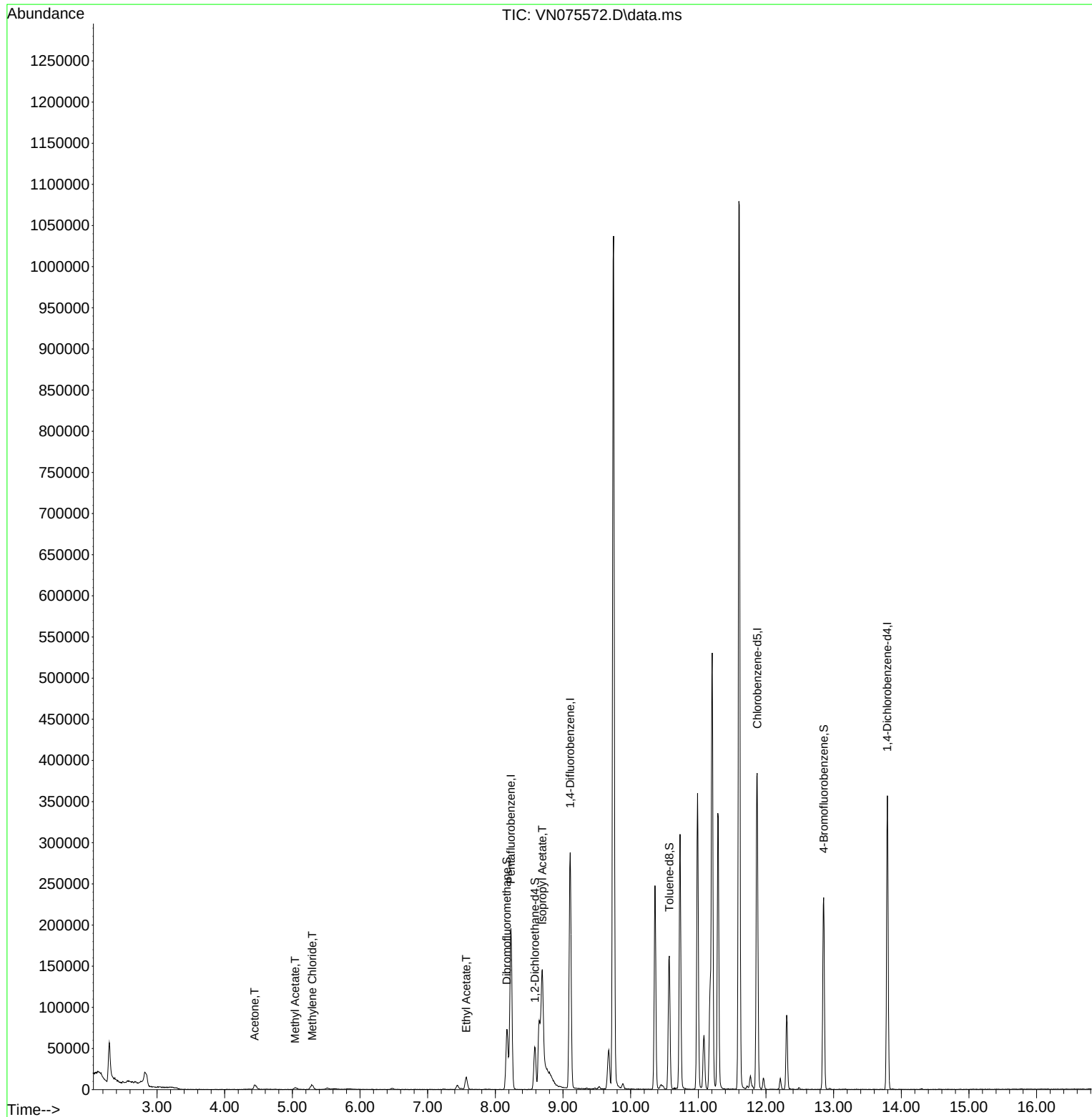
Internal Standards						
1) Pentafluorobenzene	8.230	168	155032	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	264705	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	243708	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	101327	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	42728	51.344	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.680%
35) Dibromofluoromethane	8.171	113	52913	50.885	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.780%
50) Toluene-d8	10.571	98	116898	49.913	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.820%
62) 4-Bromofluorobenzene	12.853	95	81007	46.861	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.720%
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	11529	14.853	ug/l	99
18) Methyl Acetate	5.042	43	4510	1.036	ug/l	98
20) Methylene Chloride	5.294	84	4872	1.864	ug/l	89
37) Ethyl Acetate	7.571	43	21817	10.685	ug/l	99
43) Isopropyl Acetate	8.694	43	280425	85.561	ug/l #	70

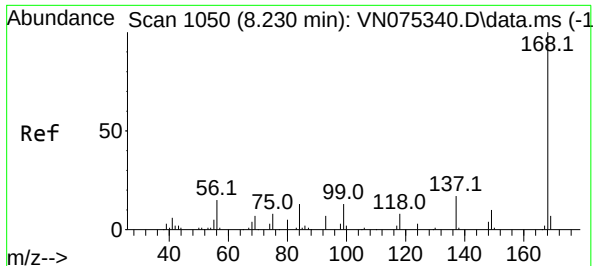
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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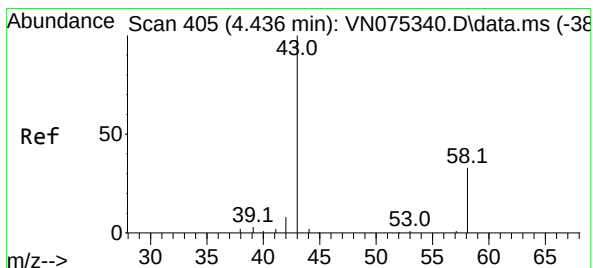
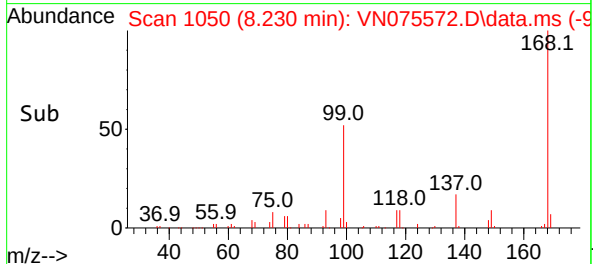
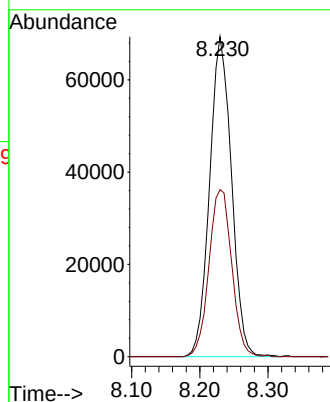
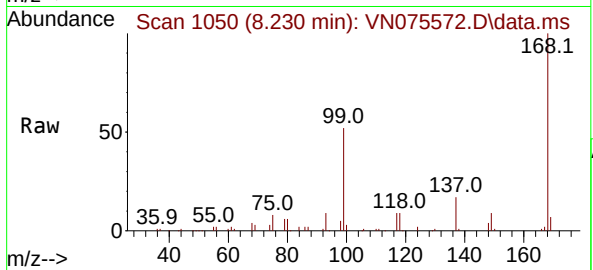




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075572.D
Acq: 05 Dec 2022 20:30

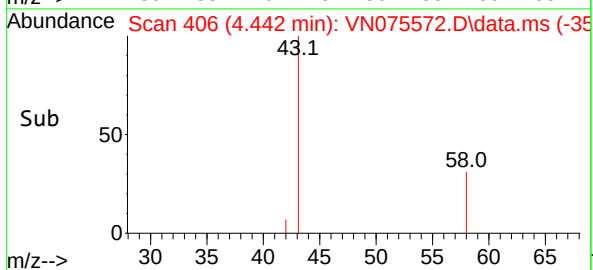
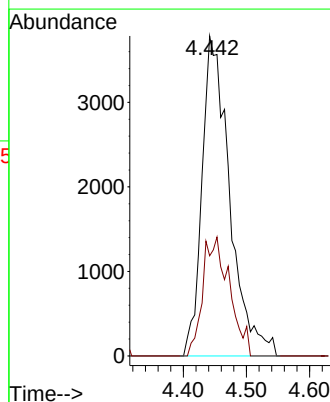
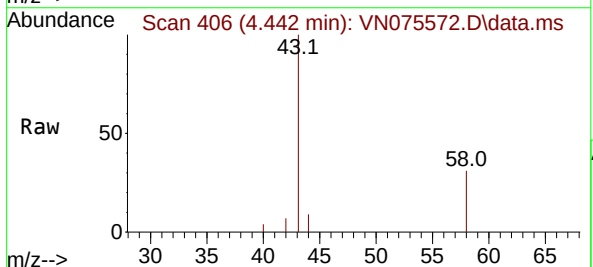
Instrument :
MSVOA_N
ClientSampleId :
PB149407ZHE#05

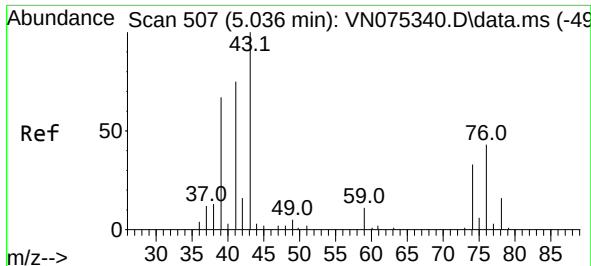
Tgt Ion:168 Resp: 155032
Ion Ratio Lower Upper
168 100
99 52.2 51.6 77.4



#16
Acetone
Concen: 14.853 ug/l
RT: 4.442 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN075572.D
Acq: 05 Dec 2022 20:30

Tgt Ion: 43 Resp: 11529
Ion Ratio Lower Upper
43 100
58 31.3 25.5 38.3

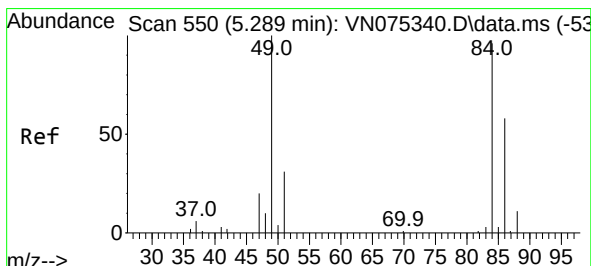
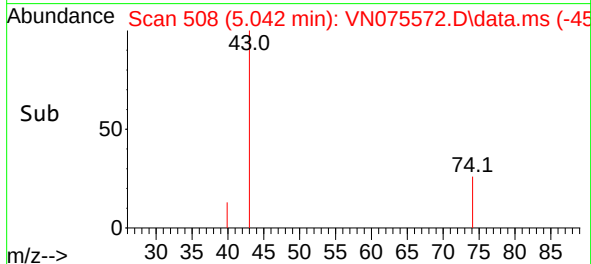
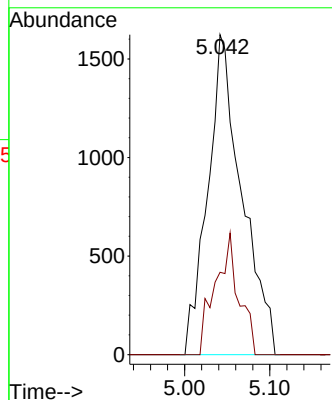
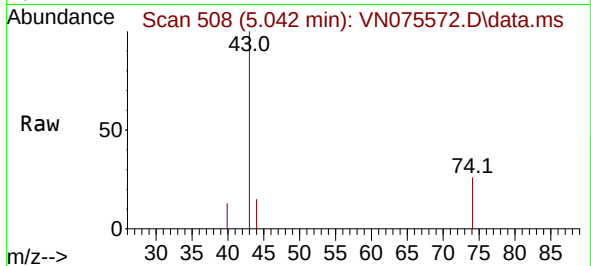




#18
Methyl Acetate
Concen: 1.036 ug/l
RT: 5.042 min Scan# 507
Delta R.T. 0.006 min
Lab File: VN075572.D
Acq: 05 Dec 2022 20:30

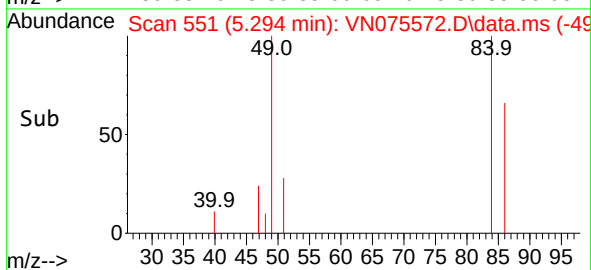
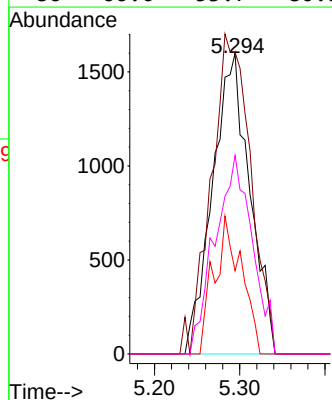
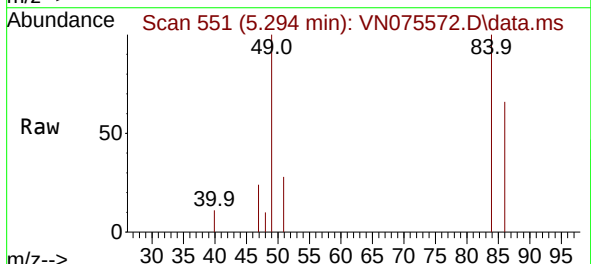
Instrument :
MSVOA_N
ClientSampleId :
PB149407ZHE#05

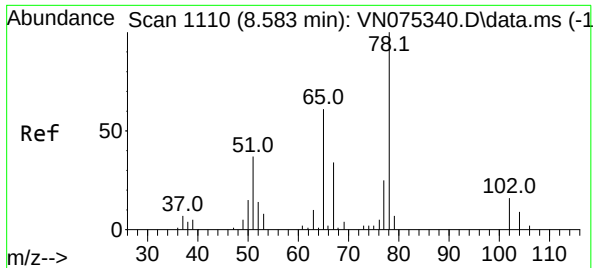
Tgt Ion: 43 Resp: 4510
Ion Ratio Lower Upper
43 100
74 26.2 22.0 33.0



#20
Methylene Chloride
Concen: 1.864 ug/l
RT: 5.294 min Scan# 551
Delta R.T. 0.005 min
Lab File: VN075572.D
Acq: 05 Dec 2022 20:30

Tgt Ion: 84 Resp: 4872
Ion Ratio Lower Upper
84 100
49 100.3 94.9 142.3
51 27.7 26.8 40.2
86 66.0 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 51.344 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.001 min

Lab File: VN075572.D

Acq: 05 Dec 2022 20:30

Instrument :

MSVOA_N

ClientSampleId :

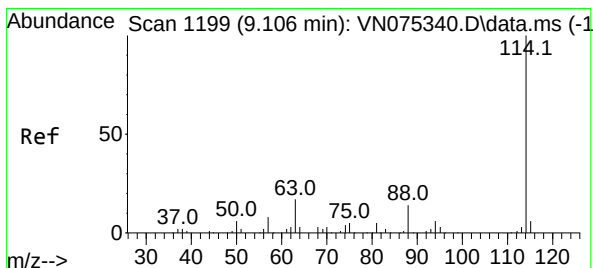
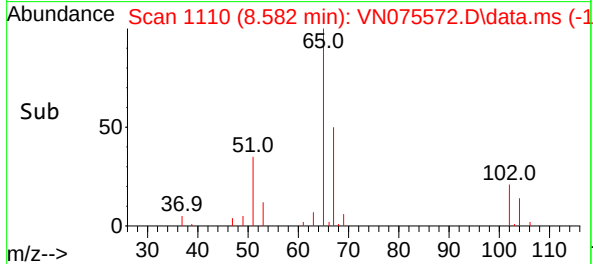
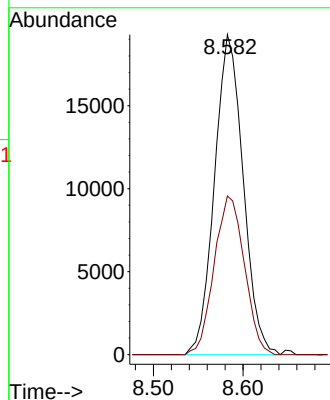
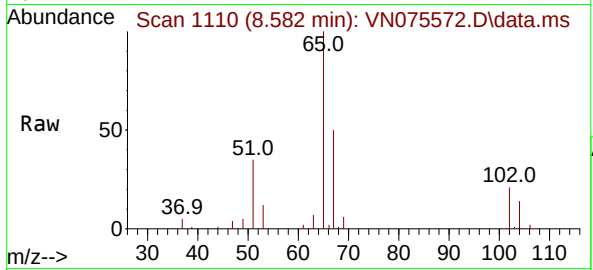
PB149407ZHE#05

Tgt Ion: 65 Resp: 42728

Ion Ratio Lower Upper

65 100

67 52.4 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: VN075572.D

Acq: 05 Dec 2022 20:30

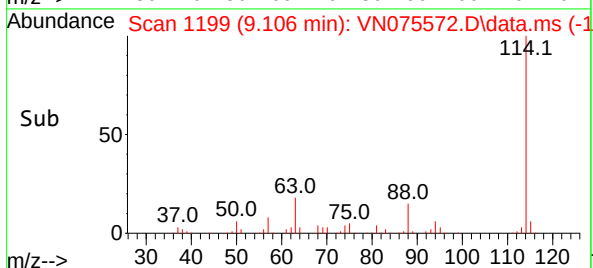
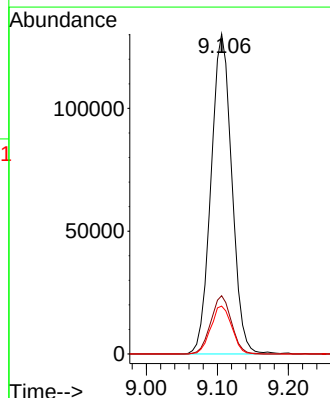
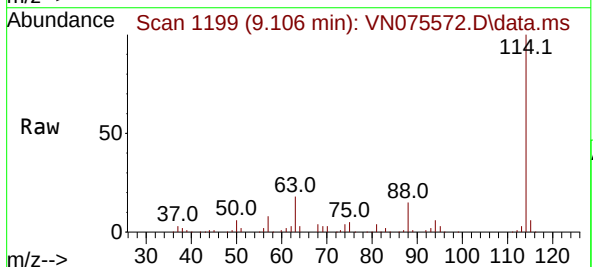
Tgt Ion: 114 Resp: 264705

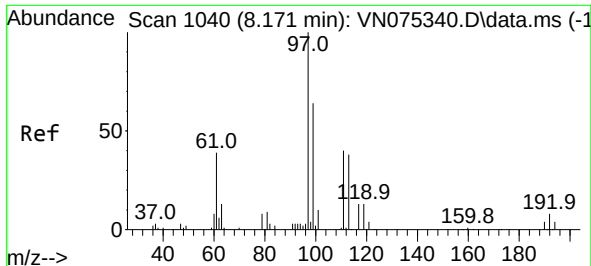
Ion Ratio Lower Upper

114 100

63 18.2 0.0 39.6

88 14.9 0.0 29.0

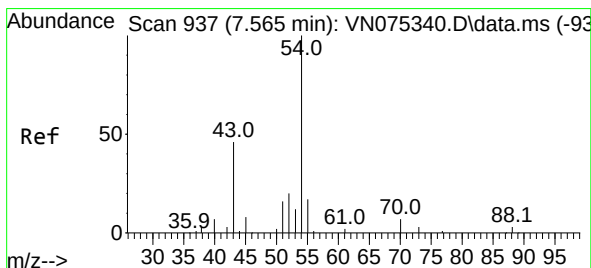
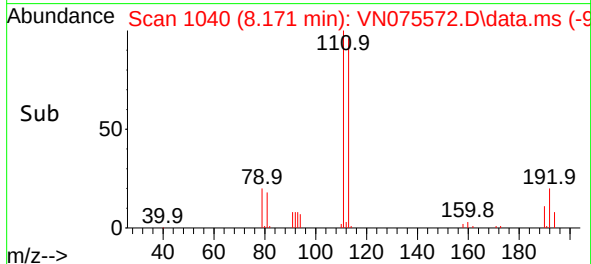
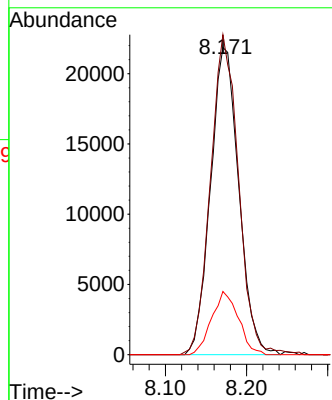
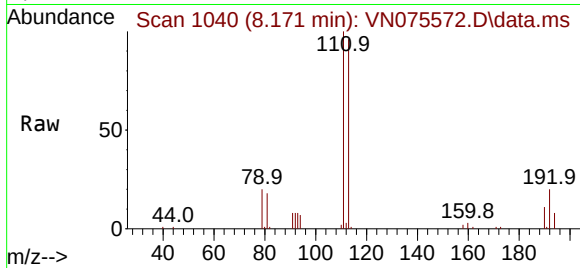




#35
Dibromofluoromethane
Concen: 50.885 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075572.D
Acq: 05 Dec 2022 20:30

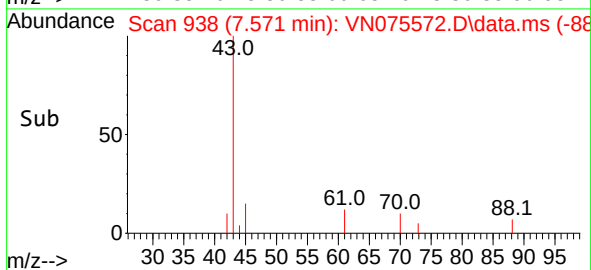
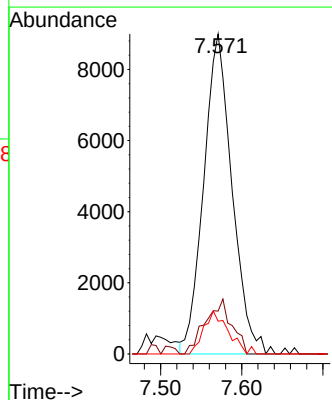
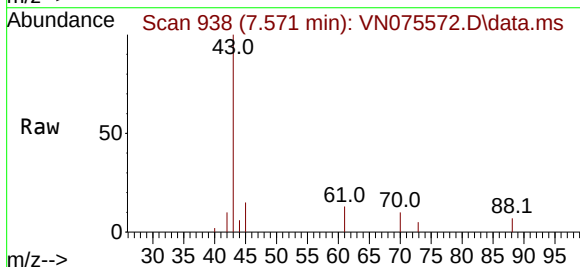
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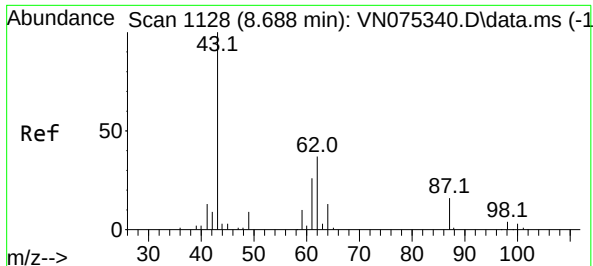
Tgt Ion:113 Resp: 52913
Ion Ratio Lower Upper
113 100
111 103.1 80.5 120.7
192 19.6 13.2 19.8



#37
Ethyl Acetate
Concen: 10.685 ug/l
RT: 7.571 min Scan# 938
Delta R.T. 0.006 min
Lab File: VN075572.D
Acq: 05 Dec 2022 20:30

Tgt Ion: 43 Resp: 21817
Ion Ratio Lower Upper
43 100
61 15.9 12.2 18.4
70 11.6 9.4 14.2





#43

Isopropyl Acetate

Concen: 85.561 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VN075572.D

Acq: 05 Dec 2022 20:30

Instrument :

MSVOA_N

ClientSampleId :

PB149407ZHE#05

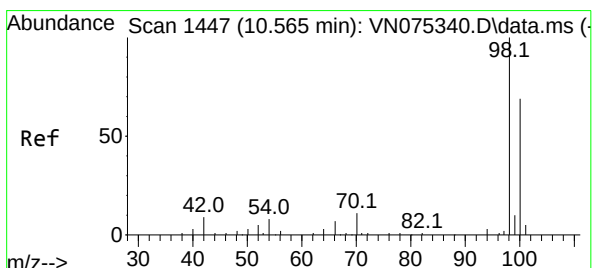
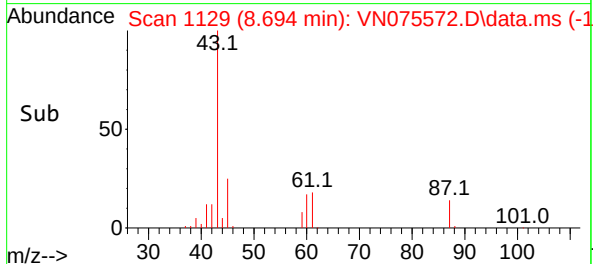
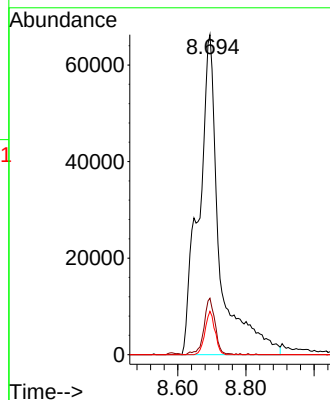
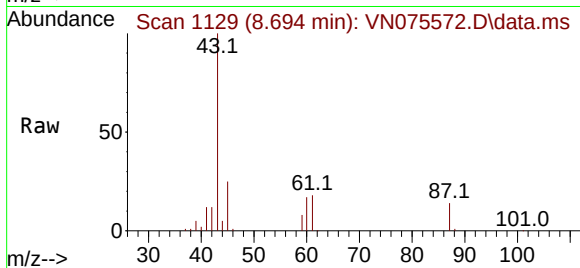
Tgt Ion: 43 Resp: 280425

Ion Ratio Lower Upper

43 100

61 9.5 22.4 33.6#

87 6.5 12.5 18.7#



#50

Toluene-d8

Concen: 49.913 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.006 min

Lab File: VN075572.D

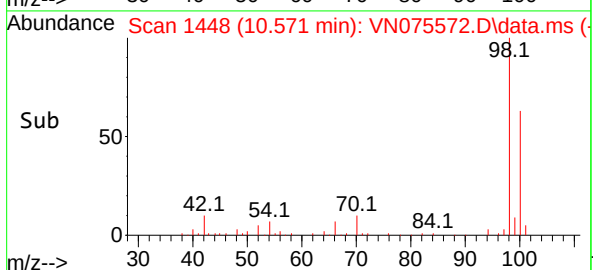
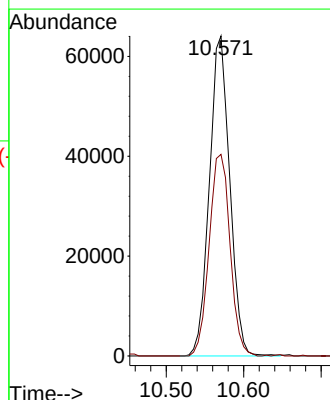
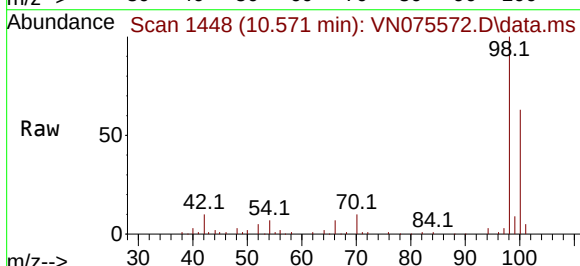
Acq: 05 Dec 2022 20:30

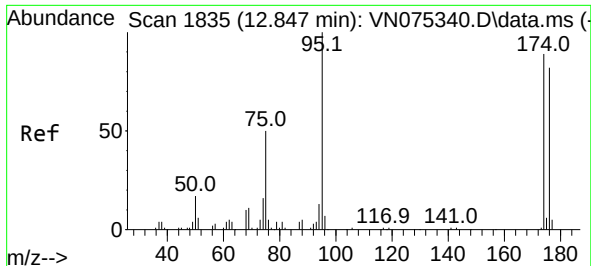
Tgt Ion: 98 Resp: 116898

Ion Ratio Lower Upper

98 100

100 64.7 53.0 79.6

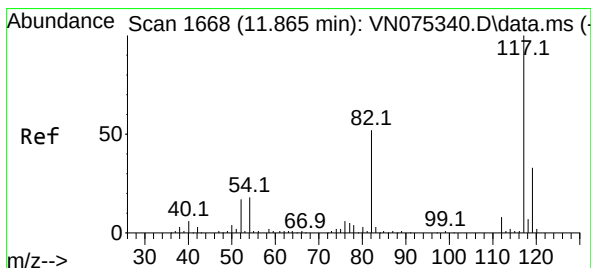
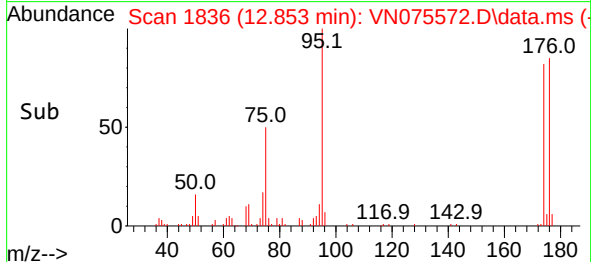
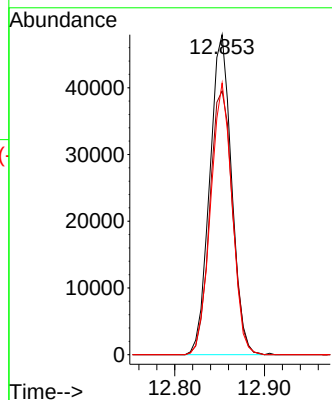
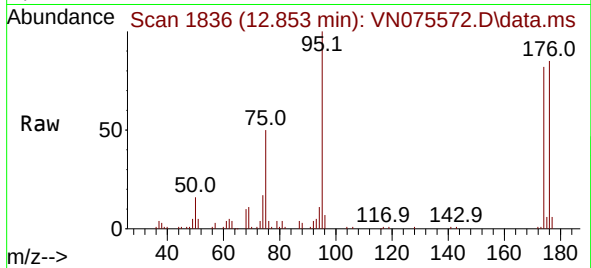




#62
4-Bromofluorobenzene
Concen: 46.861 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075572.D
Acq: 05 Dec 2022 20:30

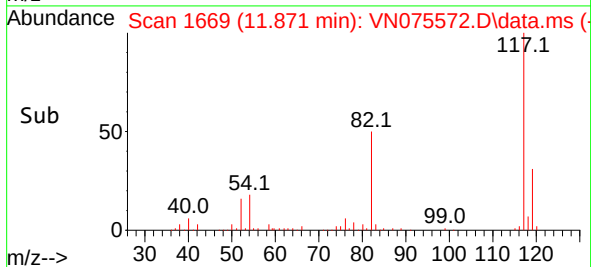
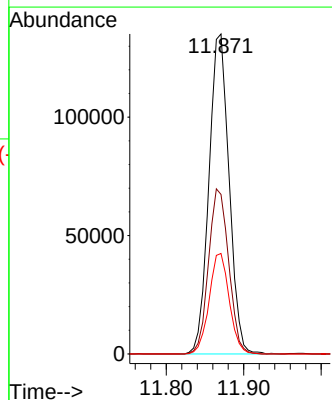
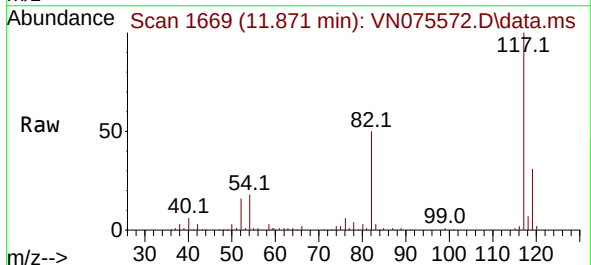
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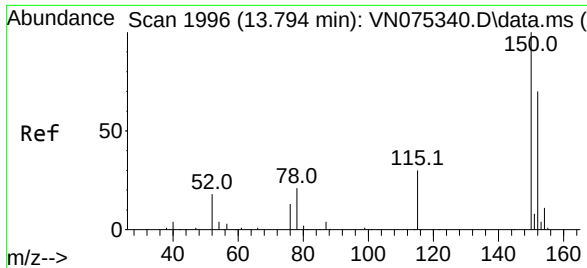
Tgt Ion: 95 Resp: 81007
Ion Ratio Lower Upper
95 100
174 85.8 0.0 147.4
176 83.3 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075572.D
Acq: 05 Dec 2022 20:30

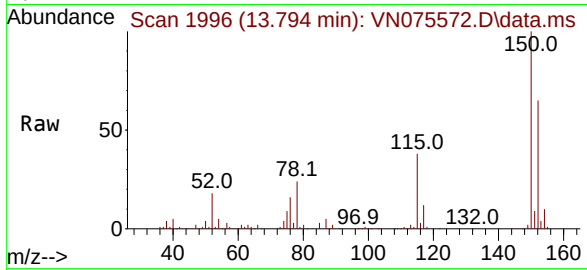
Tgt Ion: 117 Resp: 243708
Ion Ratio Lower Upper
117 100
82 49.9 43.1 64.7
119 31.4 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN075572.D
 Acq: 05 Dec 2022 20:30

Instrument :
 MSVOA_N
 ClientSampleId :
 PB149407ZHE#05



Tgt Ion:152 Resp: 101327
 Ion Ratio Lower Upper
 152 100
 115 58.5 30.2 90.6
 150 157.0 0.0 348.4

