

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120722\
 Data File : VN075629.D
 Acq On : 08 Dec 2022 00:20
 Operator : JC\MD
 Sample : PB149441ZHE01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB149441ZHE01

Quant Time: Dec 08 01:20:22 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)

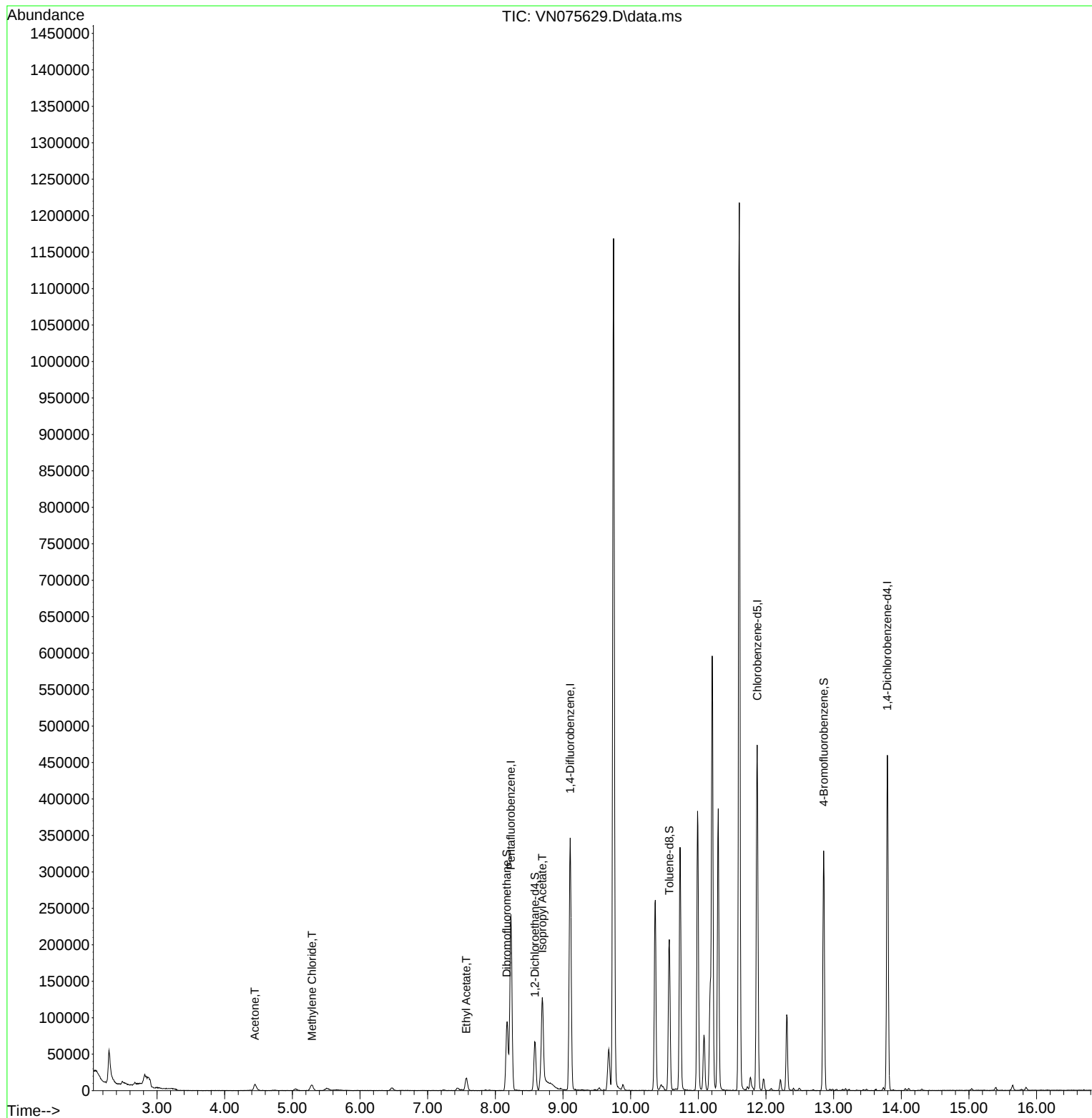
Internal Standards						
1) Pentafluorobenzene	8.230	168	190036	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	321974	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	293703	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	132784	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	54759	53.681	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 107.360%		
35) Dibromofluoromethane	8.171	113	68539	54.189	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 108.380%		
50) Toluene-d8	10.571	98	150120	52.697	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 105.400%		
62) 4-Bromofluorobenzene	12.853	95	110253	52.435	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 104.860%		
Target Compounds						Qvalue
16) Acetone	4.448	43	15700	16.500	ug/l	96
20) Methylene Chloride	5.289	84	6969	2.394	ug/l #	81
37) Ethyl Acetate	7.571	43	25641	10.324	ug/l	98
43) Isopropyl Acetate	8.694	43	155840	39.091	ug/l #	85

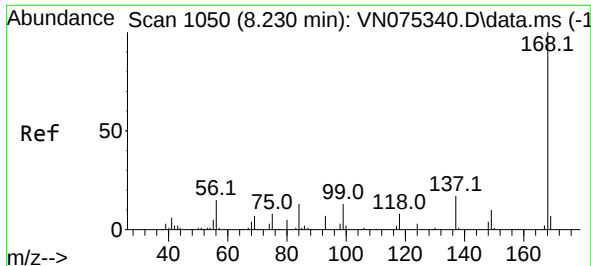
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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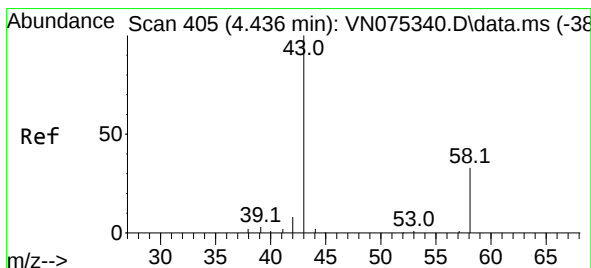
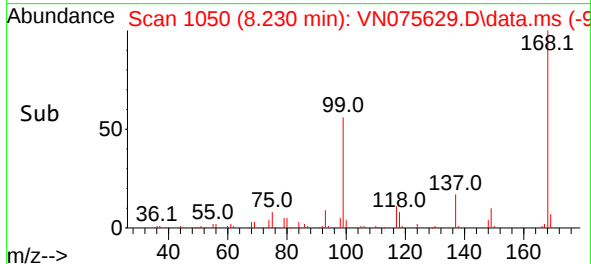
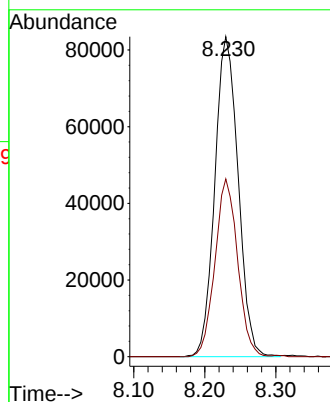
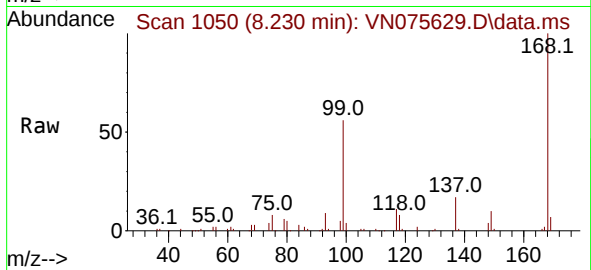




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075629.D
Acq: 08 Dec 2022 00:20

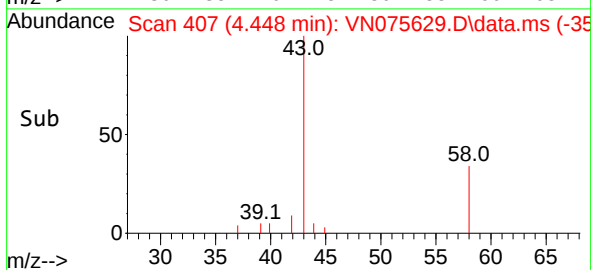
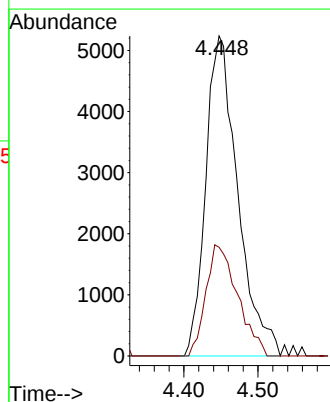
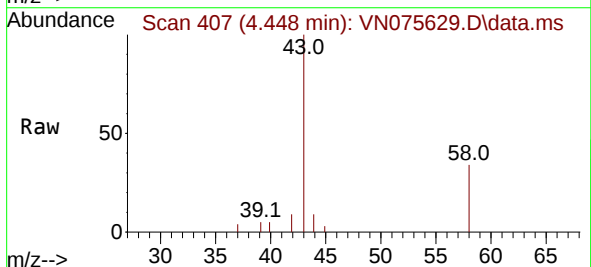
Instrument :
MSVOA_N
ClientSampleId :
PB149441ZHE01

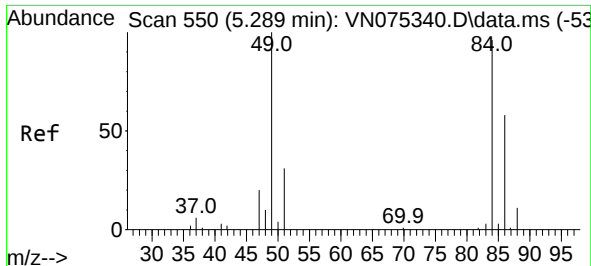
Tgt Ion:168 Resp: 190036
Ion Ratio Lower Upper
168 100
99 55.6 51.6 77.4



#16
Acetone
Concen: 16.500 ug/l
RT: 4.448 min Scan# 407
Delta R.T. 0.012 min
Lab File: VN075629.D
Acq: 08 Dec 2022 00:20

Tgt Ion: 43 Resp: 15700
Ion Ratio Lower Upper
43 100
58 34.0 25.5 38.3

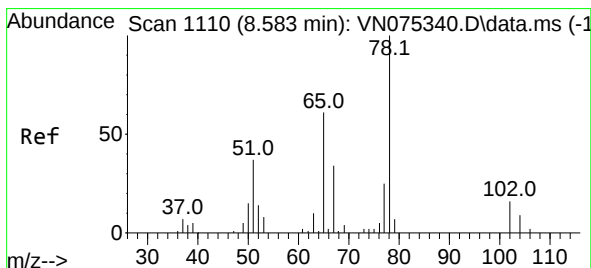
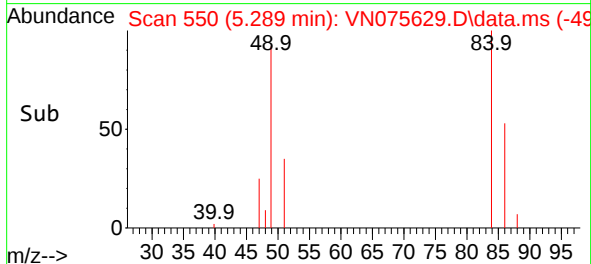
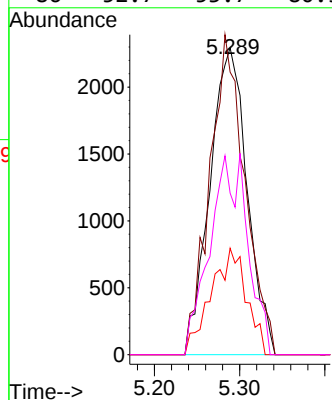
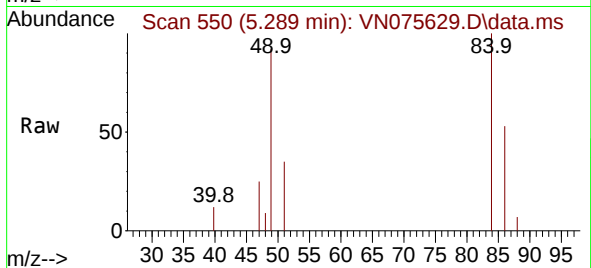




#20
Methylene Chloride
Concen: 2.394 ug/l
RT: 5.289 min Scan# 511
Delta R.T. -0.000 min
Lab File: VN075629.D
Acq: 08 Dec 2022 00:20

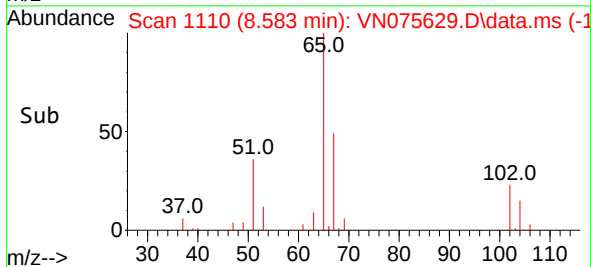
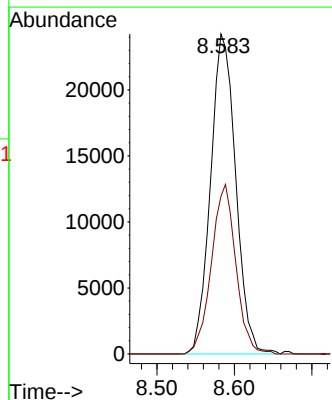
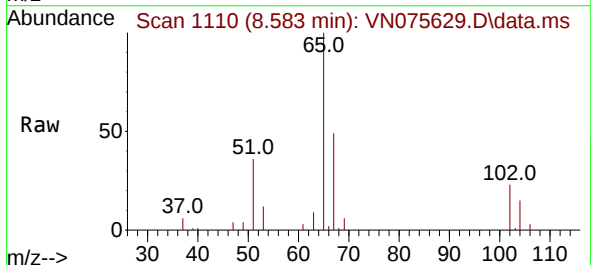
Instrument :
MSVOA_N
ClientSampleId :
PB149441ZHE01

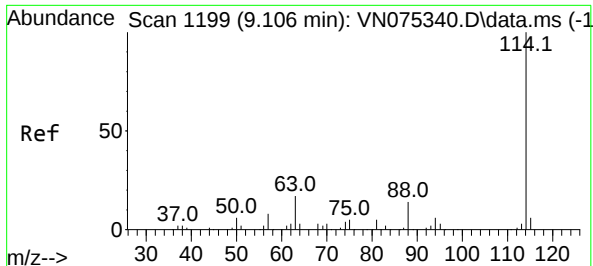
Tgt Ion: 84 Resp: 6969
Ion Ratio Lower Upper
84 100
49 92.1 94.9 142.3#
51 34.7 26.8 40.2
86 52.7 53.7 80.5#



#33
1,2-Dichloroethane-d4
Concen: 53.681 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN075629.D
Acq: 08 Dec 2022 00:20

Tgt Ion: 65 Resp: 54759
Ion Ratio Lower Upper
65 100
67 51.3 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: VN075629.D

Acq: 08 Dec 2022 00:20

Instrument :

MSVOA_N

ClientSampleId :

PB149441ZHE01

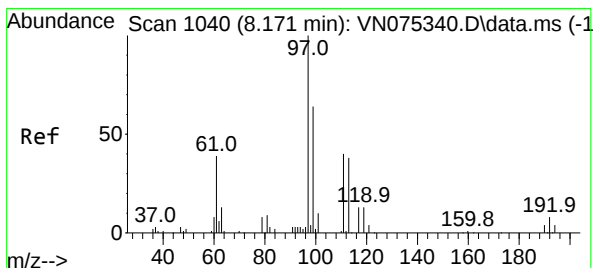
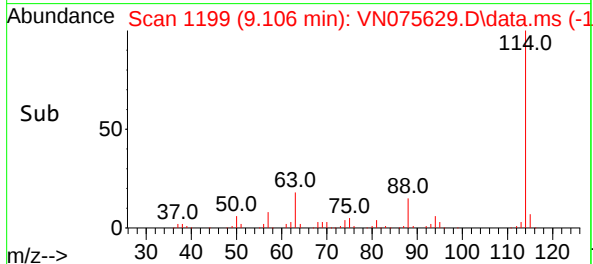
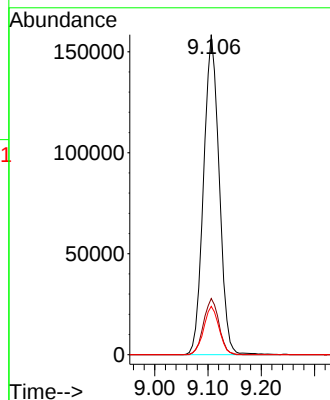
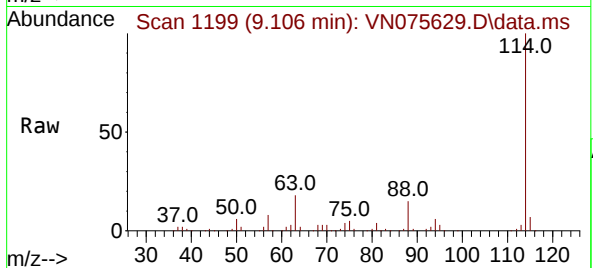
Tgt Ion:114 Resp: 321974

Ion Ratio Lower Upper

114 100

63 17.6 0.0 39.6

88 15.1 0.0 29.0



#35

Dibromofluoromethane

Concen: 54.189 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075629.D

Acq: 08 Dec 2022 00:20

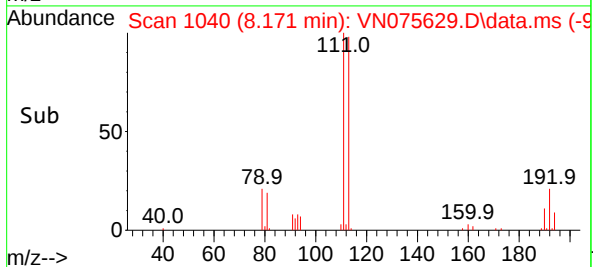
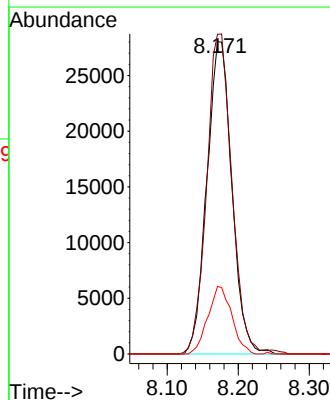
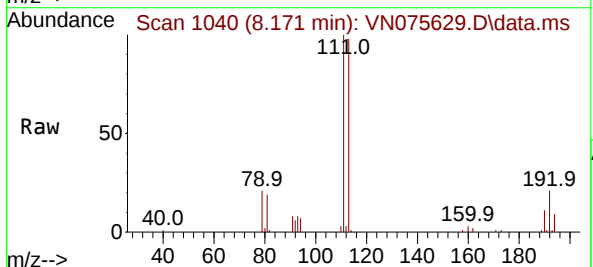
Tgt Ion:113 Resp: 68539

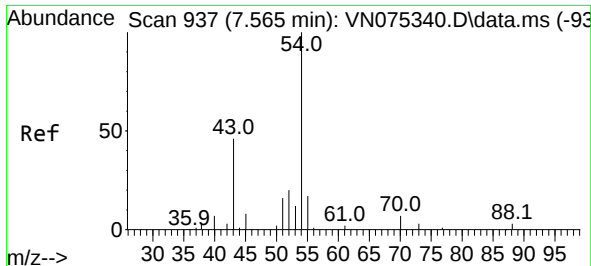
Ion Ratio Lower Upper

113 100

111 103.3 80.5 120.7

192 20.7 13.2 19.8#

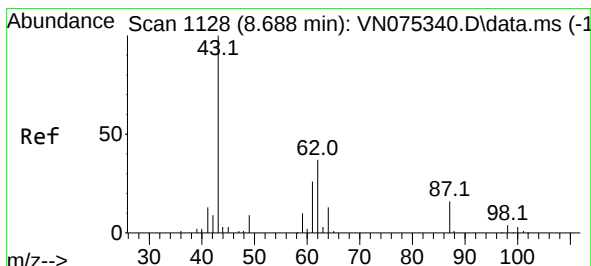
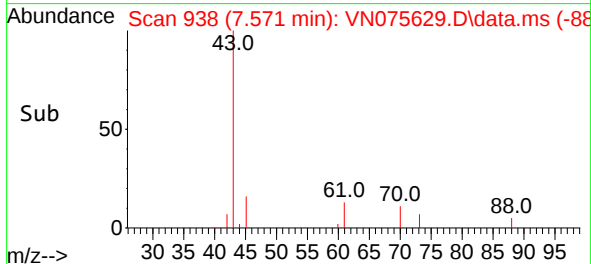
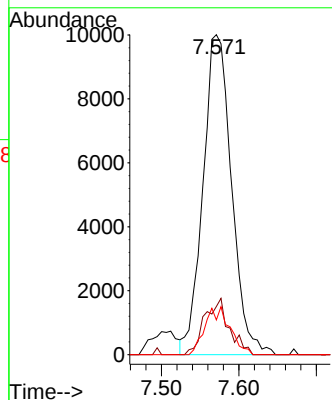
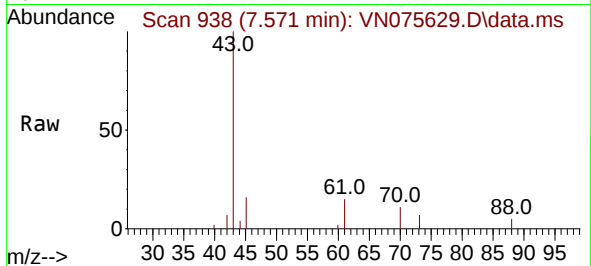




#37
Ethyl Acetate
Concen: 10.324 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075629.D
Acq: 08 Dec 2022 00:20

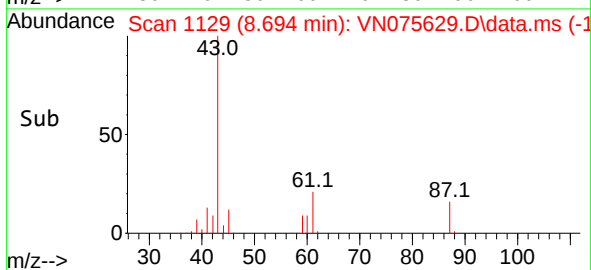
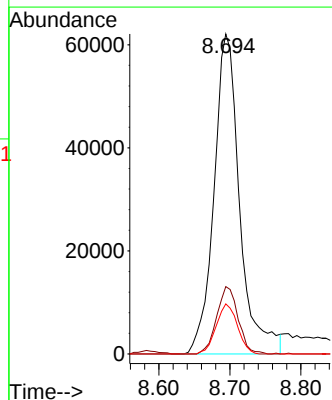
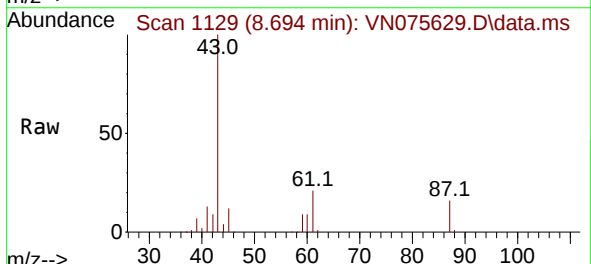
Instrument :
MSVOA_N
ClientSampleId :
PB149441ZHE01

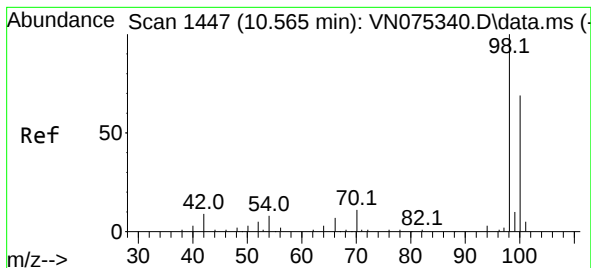
Tgt Ion: 43 Resp: 25641
Ion Ratio Lower Upper
43 100
61 15.2 12.2 18.4
70 13.0 9.4 14.2



#43
Isopropyl Acetate
Concen: 39.091 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VN075629.D
Acq: 08 Dec 2022 00:20

Tgt Ion: 43 Resp: 155840
Ion Ratio Lower Upper
43 100
61 17.5 22.4 33.6#
87 12.9 12.5 18.7





#50

Toluene-d8

Concen: 52.697 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.006 min

Lab File: VN075629.D

Acq: 08 Dec 2022 00:20

Instrument :

MSVOA_N

ClientSampleId :

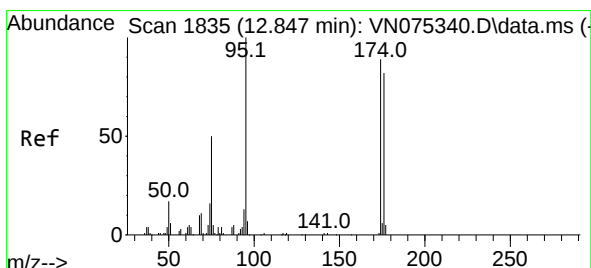
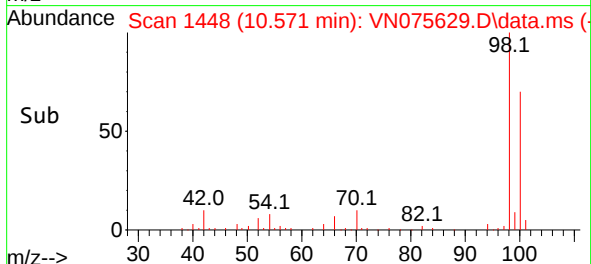
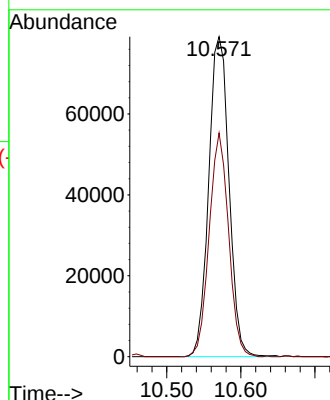
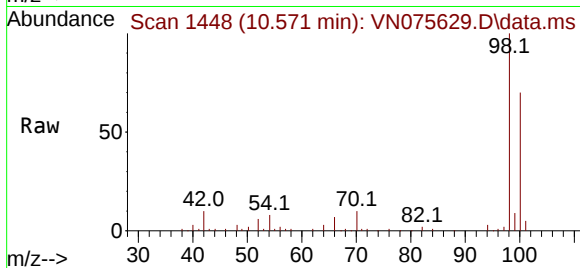
PB149441ZHE01

Tgt Ion: 98 Resp: 150120

Ion Ratio Lower Upper

98 100

100 66.8 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 52.435 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.006 min

Lab File: VN075629.D

Acq: 08 Dec 2022 00:20

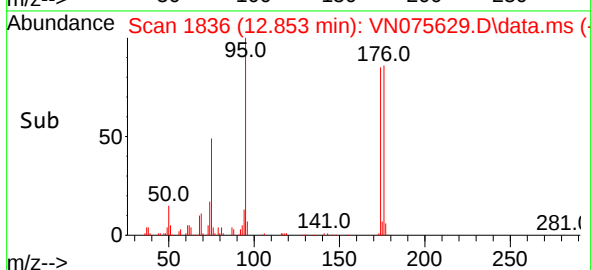
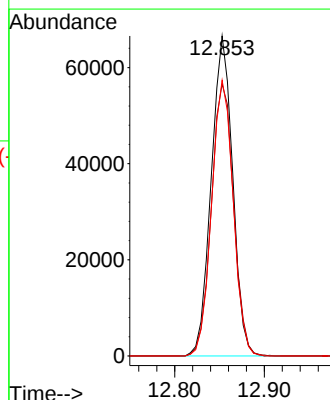
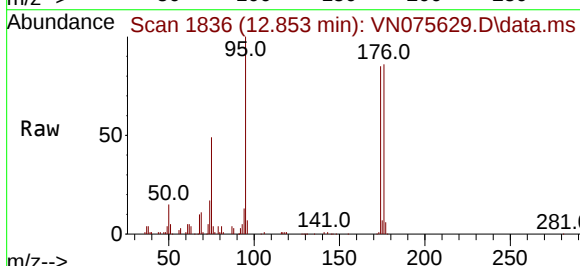
Tgt Ion: 95 Resp: 110253

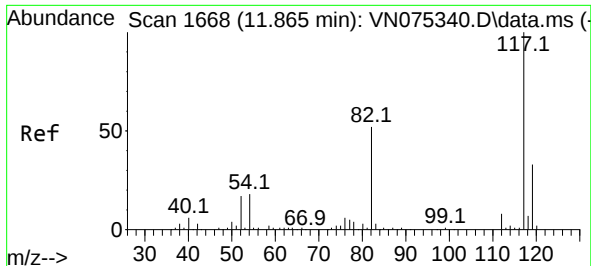
Ion Ratio Lower Upper

95 100

174 88.3 0.0 147.4

176 86.8 0.0 142.2

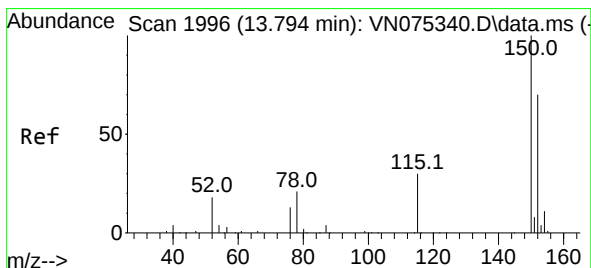
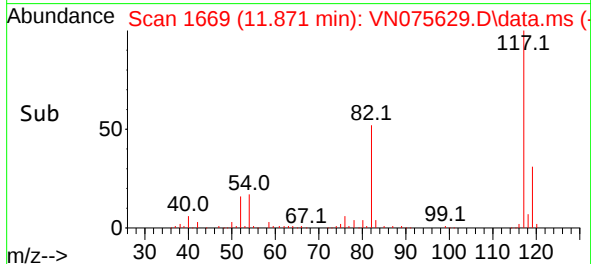
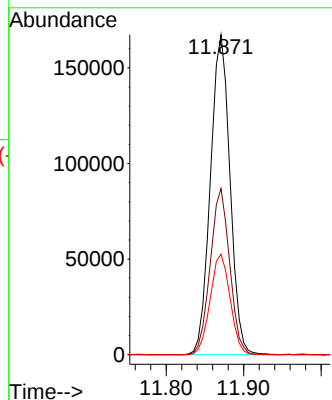
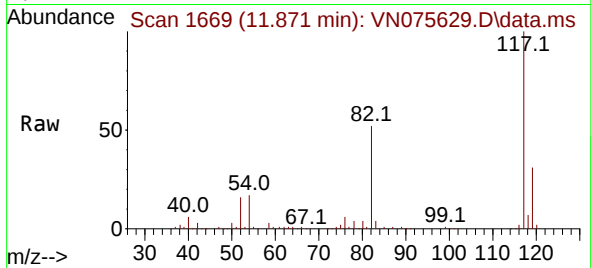




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075629.D
Acq: 08 Dec 2022 00:20

Instrument :
MSVOA_N
ClientSampleId :
PB149441ZHE01

Tgt Ion:117 Resp: 293703
Ion Ratio Lower Upper
117 100
82 51.9 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: VN075629.D
Acq: 08 Dec 2022 00:20

Tgt Ion:152 Resp: 132784
Ion Ratio Lower Upper
152 100
115 56.7 30.2 90.6
150 156.0 0.0 348.4

