

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120722\
 Data File : VN075632.D
 Acq On : 08 Dec 2022 01:32
 Operator : JC\MD
 Sample : PB149441ZHE04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB149441ZHE04

Quant Time: Dec 08 06:44:51 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)

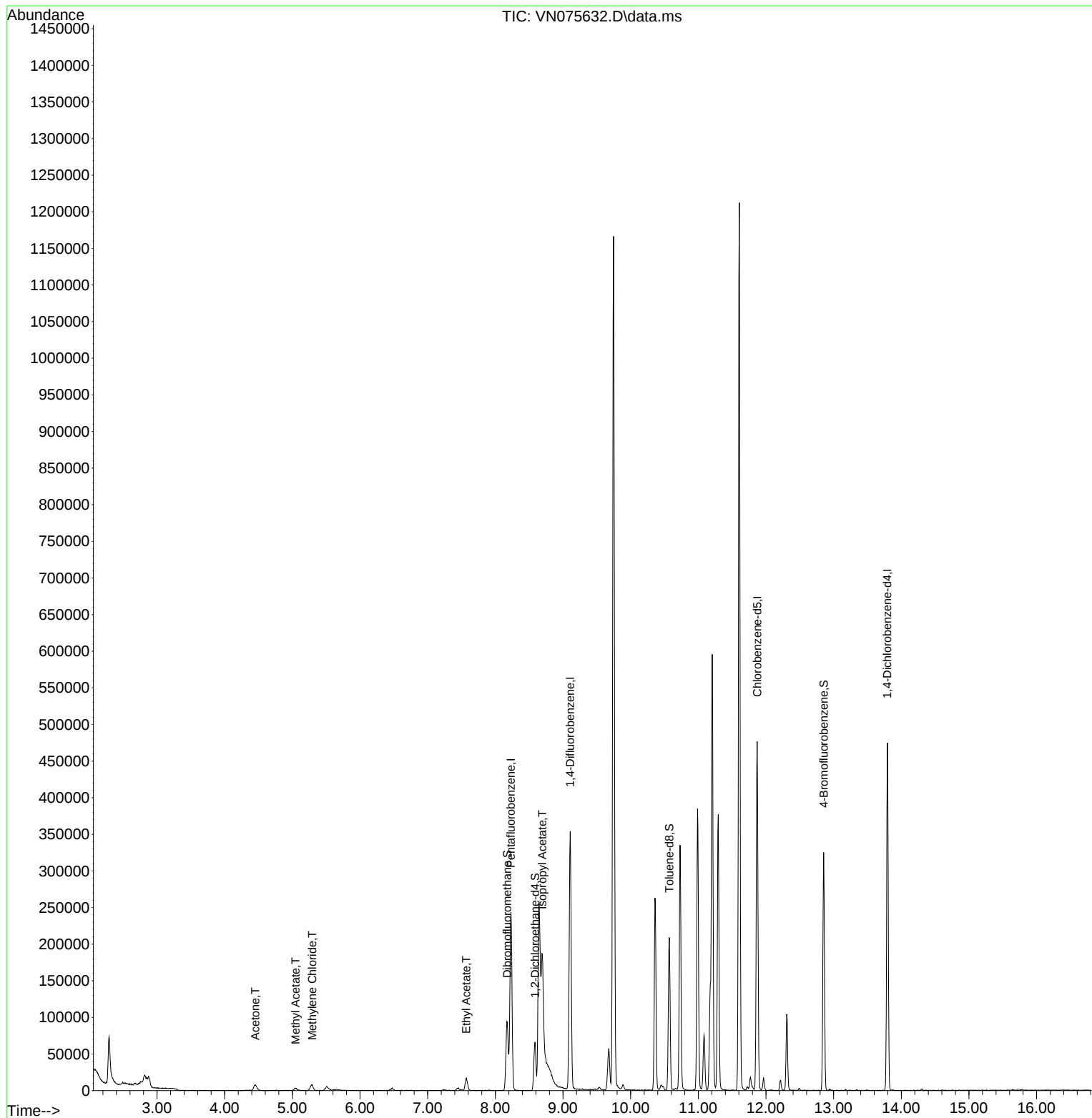
Internal Standards						
1) Pentafluorobenzene	8.230	168	191609	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	330390	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	295749	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	134464	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	54013	52.515	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.020%	
35) Dibromofluoromethane	8.177	113	69898	53.855	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.720%	
50) Toluene-d8	10.571	98	149660	51.197	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.400%	
62) 4-Bromofluorobenzene	12.853	95	107668	49.901	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.800%	
Target Compounds						
					Qvalue	
16) Acetone	4.453	43	15651	16.314	ug/l	100
18) Methyl Acetate	5.048	43	6199	1.302	ug/l	93
20) Methylene Chloride	5.295	84	7462	2.624	ug/l #	72
37) Ethyl Acetate	7.571	43	24702	9.693	ug/l	99
43) Isopropyl Acetate	8.694	43	269436	65.865	ug/l #	74

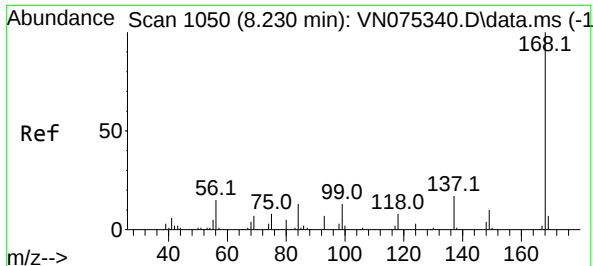
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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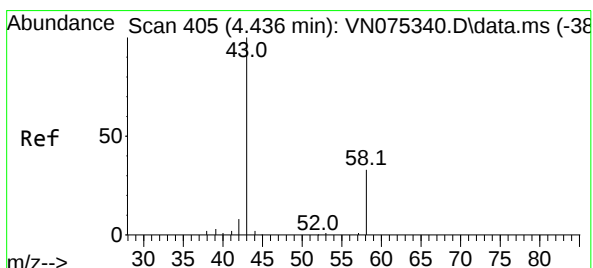
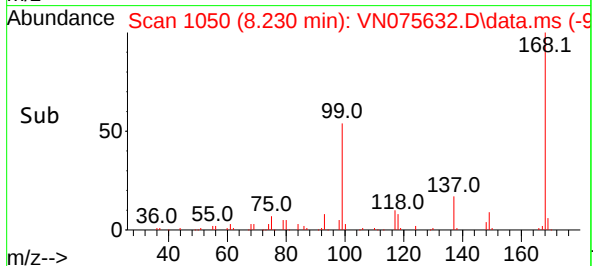
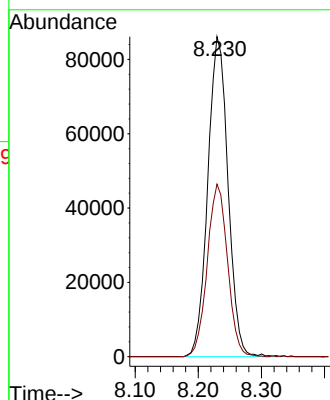
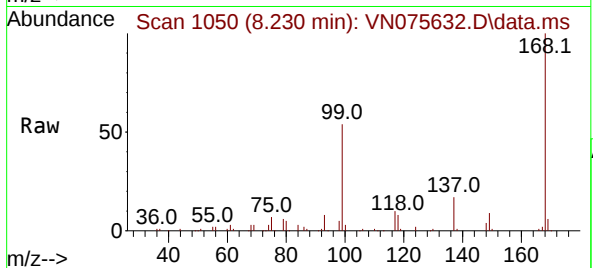




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN075632.D
Acq: 08 Dec 2022 01:32

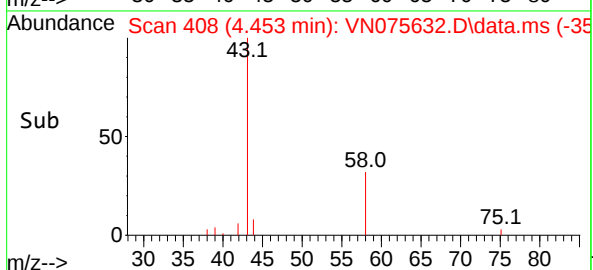
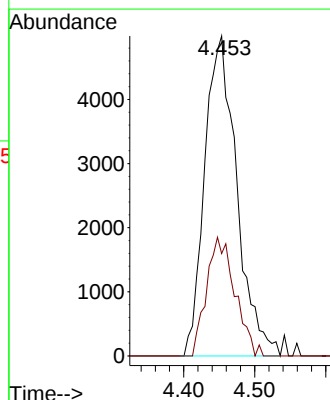
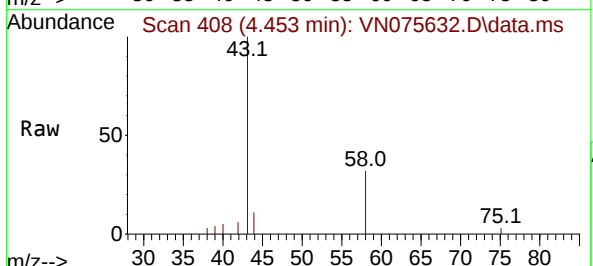
Instrument :
MSVOA_N
ClientSampleId :
PB149441ZHE04

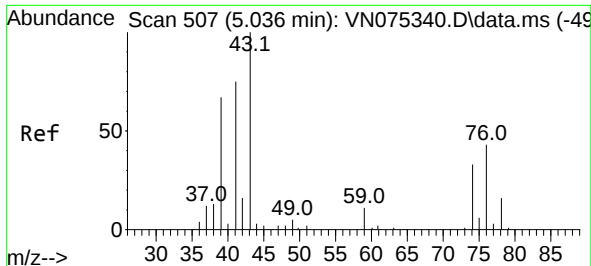
Tgt Ion:168 Resp: 191609
Ion Ratio Lower Upper
168 100
99 53.9 51.6 77.4



#16
Acetone
Concen: 16.314 ug/l
RT: 4.453 min Scan# 408
Delta R.T. 0.017 min
Lab File: VN075632.D
Acq: 08 Dec 2022 01:32

Tgt Ion: 43 Resp: 15651
Ion Ratio Lower Upper
43 100
58 32.0 25.5 38.3

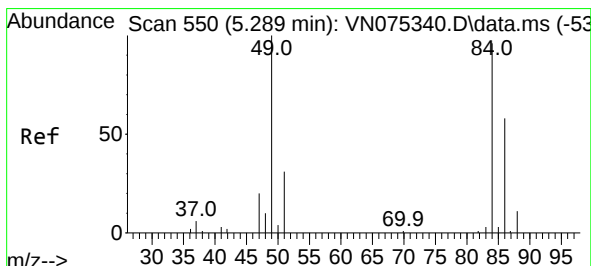
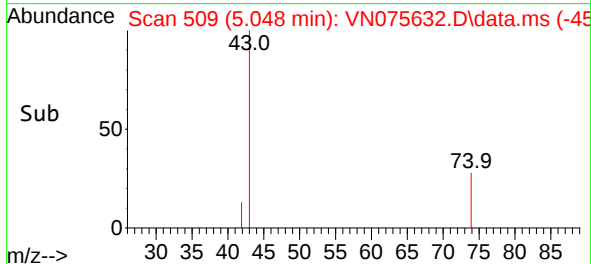
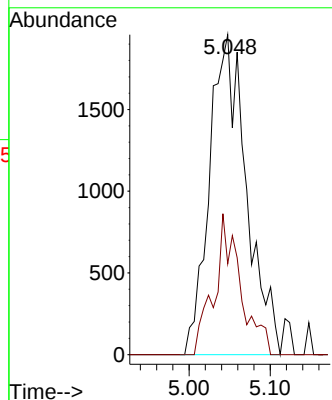
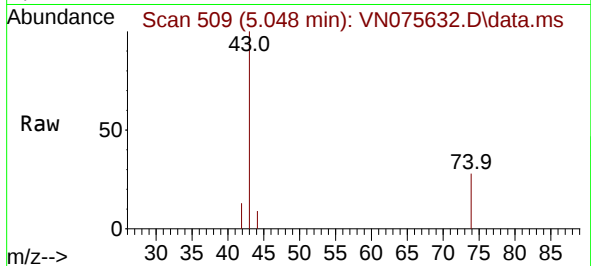




#18
Methyl Acetate
Concen: 1.302 ug/l
RT: 5.048 min Scan# 509
Delta R.T. 0.012 min
Lab File: VN075632.D
Acq: 08 Dec 2022 01:32

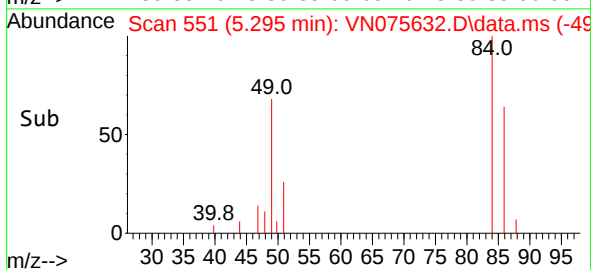
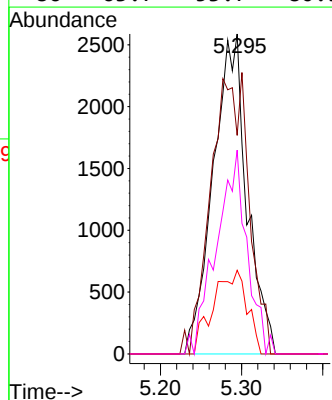
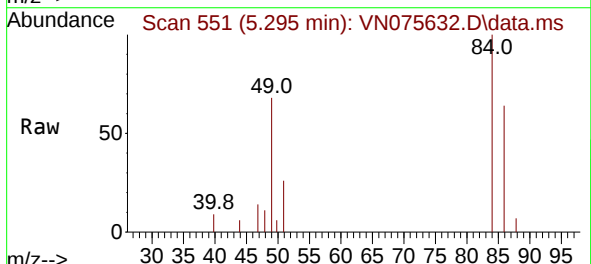
Instrument :
MSVOA_N
ClientSampleId :
PB149441ZHE04

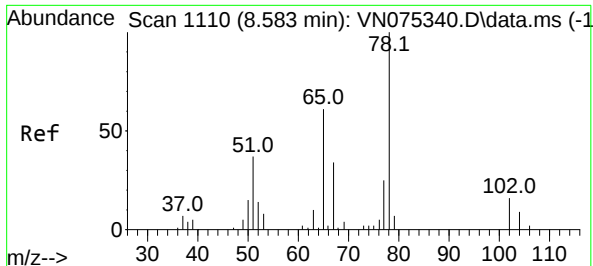
Tgt Ion: 43 Resp: 6199
Ion Ratio Lower Upper
43 100
74 31.3 22.0 33.0



#20
Methylene Chloride
Concen: 2.624 ug/l
RT: 5.295 min Scan# 551
Delta R.T. 0.006 min
Lab File: VN075632.D
Acq: 08 Dec 2022 01:32

Tgt Ion: 84 Resp: 7462
Ion Ratio Lower Upper
84 100
49 68.3 94.9 142.3#
51 26.2 26.8 40.2#
86 63.7 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 52.515 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.005 min

Lab File: VN075632.D

Acq: 08 Dec 2022 01:32

Instrument :

MSVOA_N

ClientSampleId :

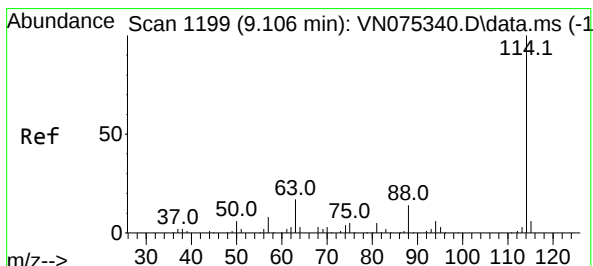
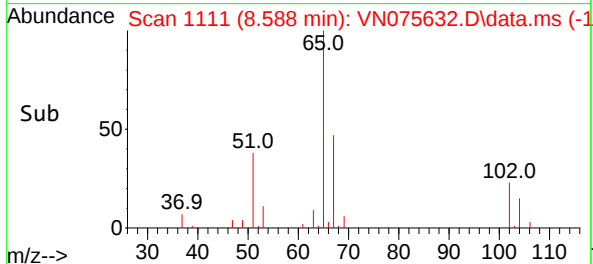
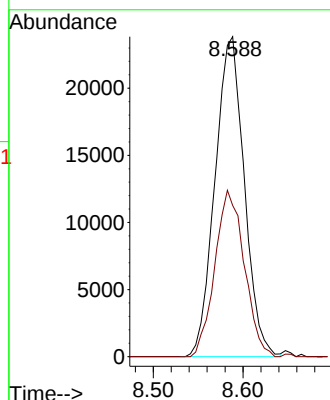
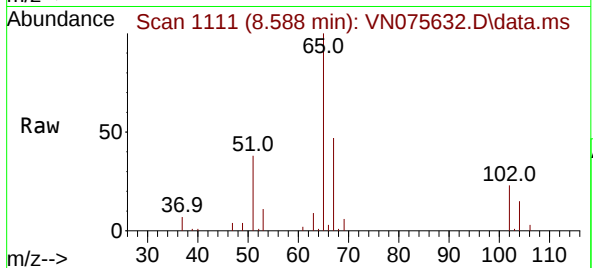
PB149441ZHE04

Tgt Ion: 65 Resp: 54013

Ion Ratio Lower Upper

65 100

67 52.2 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: VN075632.D

Acq: 08 Dec 2022 01:32

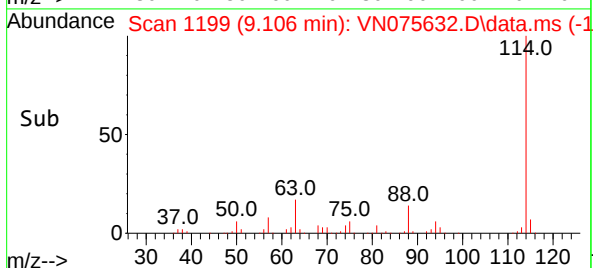
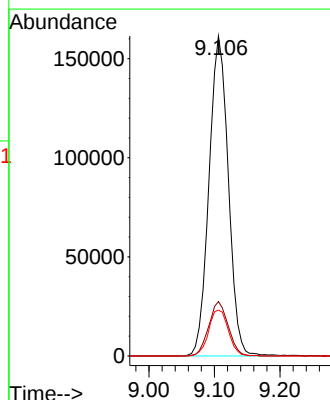
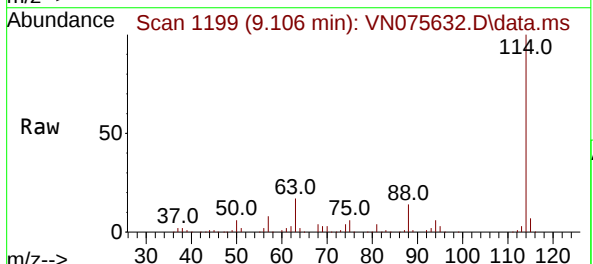
Tgt Ion: 114 Resp: 330390

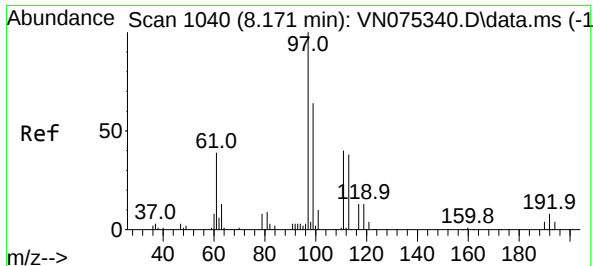
Ion Ratio Lower Upper

114 100

63 17.0 0.0 39.6

88 14.3 0.0 29.0

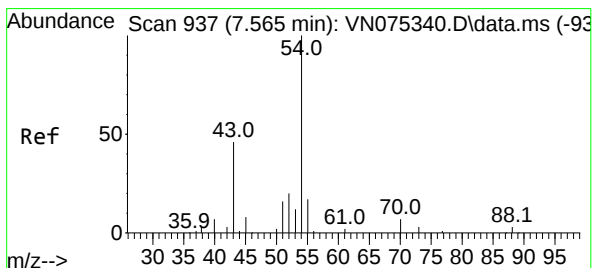
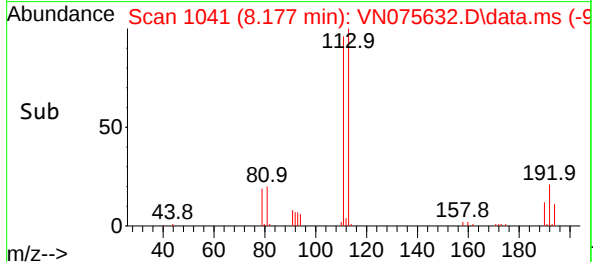
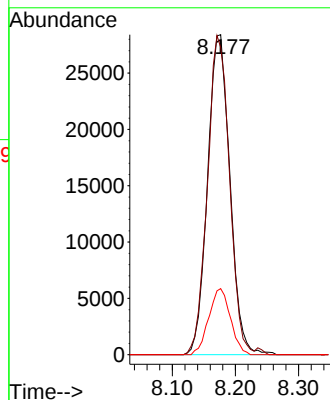
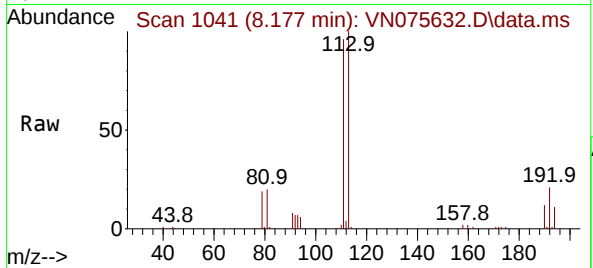




#35
Dibromofluoromethane
Concen: 53.855 ug/l
RT: 8.177 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VN075632.D
Acq: 08 Dec 2022 01:32

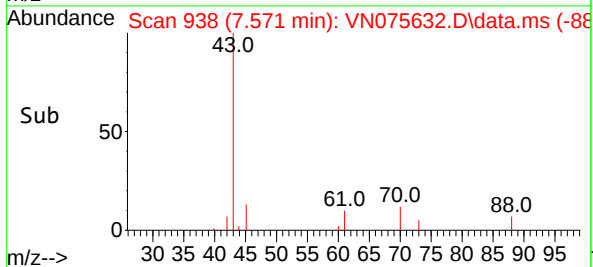
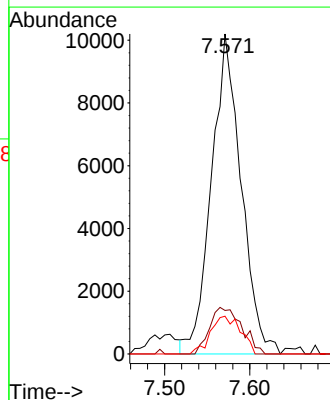
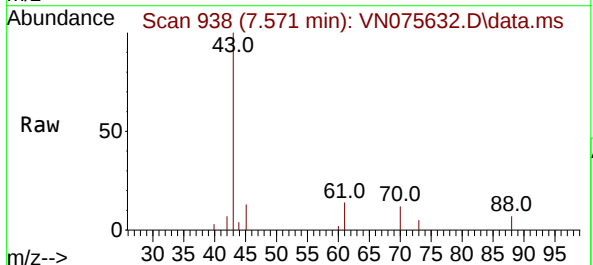
Instrument :
MSVOA_N
ClientSampleId :
PB149441ZHE04

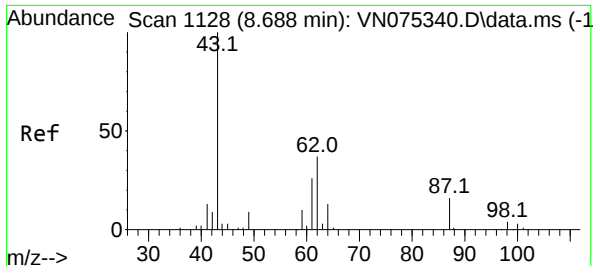
Tgt Ion:113 Resp: 69898
Ion Ratio Lower Upper
113 100
111 98.3 80.5 120.7
192 20.0 13.2 19.8#



#37
Ethyl Acetate
Concen: 9.693 ug/l
RT: 7.571 min Scan# 938
Delta R.T. 0.006 min
Lab File: VN075632.D
Acq: 08 Dec 2022 01:32

Tgt Ion: 43 Resp: 24702
Ion Ratio Lower Upper
43 100
61 15.7 12.2 18.4
70 11.9 9.4 14.2





#43

Isopropyl Acetate

Concen: 65.865 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VN075632.D

Acq: 08 Dec 2022 01:32

Instrument :

MSVOA_N

ClientSampleId :

PB149441ZHE04

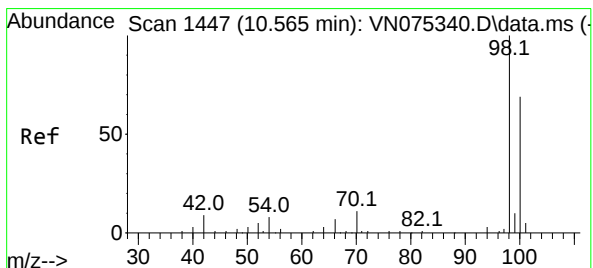
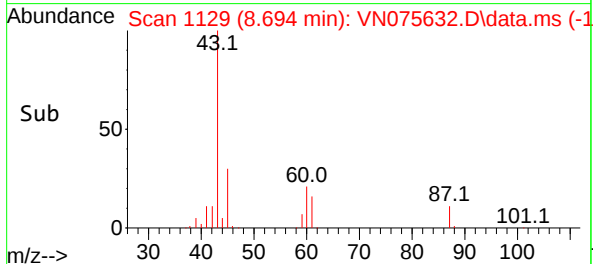
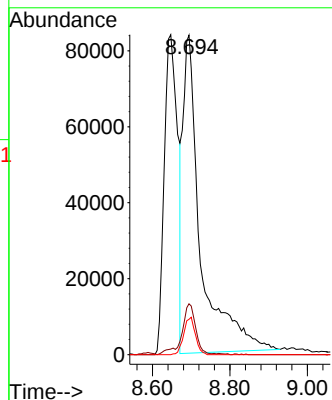
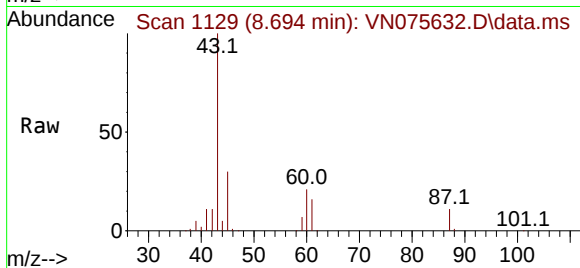
Tgt Ion: 43 Resp: 269436

Ion Ratio Lower Upper

43 100

61 12.3 22.4 33.6#

87 7.6 12.5 18.7#



#50

Toluene-d8

Concen: 51.197 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.006 min

Lab File: VN075632.D

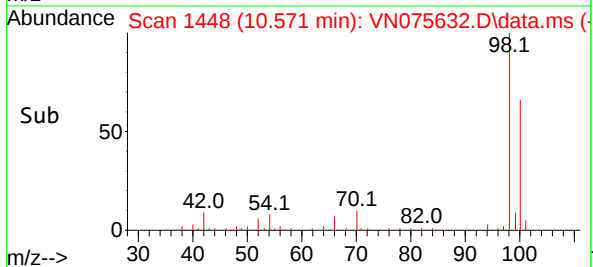
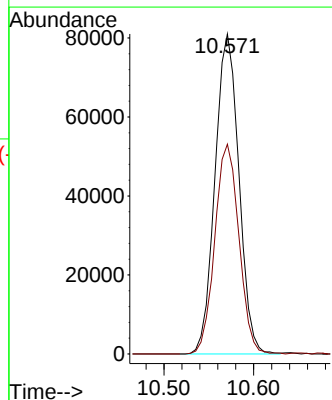
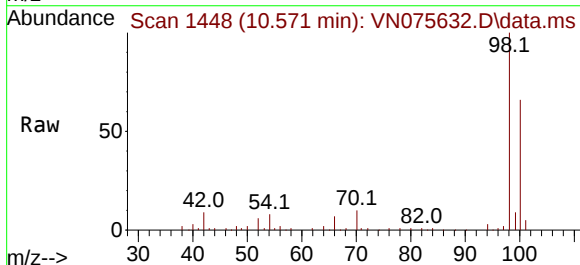
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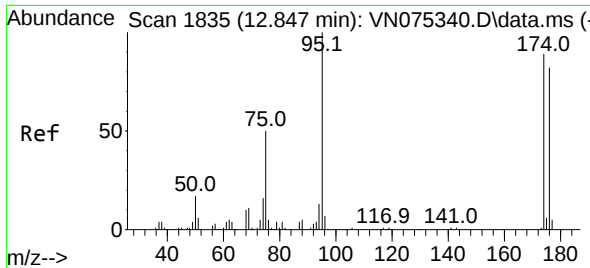
Tgt Ion: 98 Resp: 149660

Ion Ratio Lower Upper

98 100

100 66.2 53.0 79.6

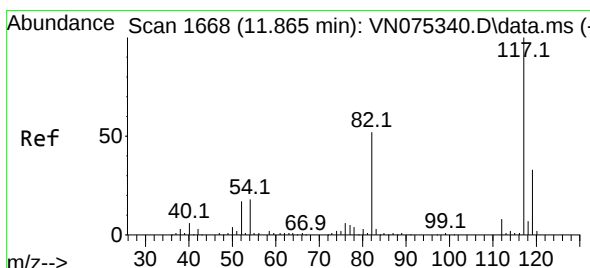
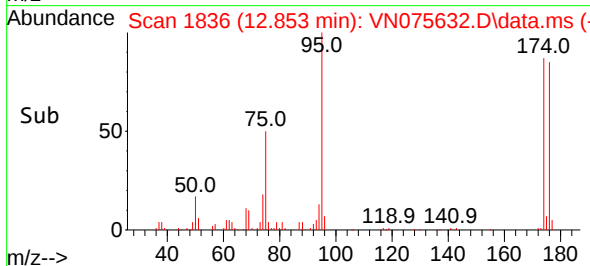
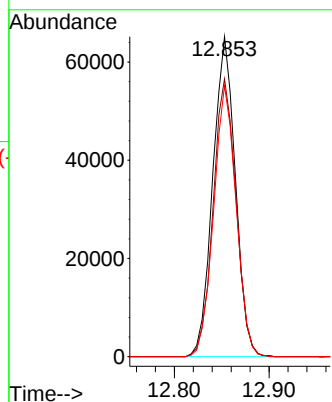
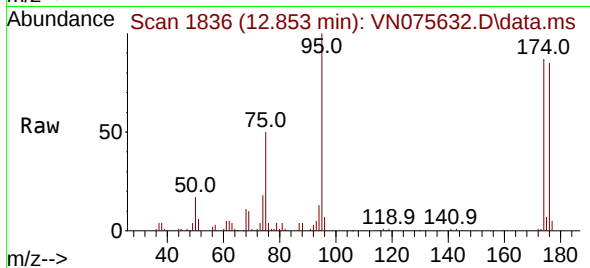




#62
4-Bromofluorobenzene
Concen: 49.901 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075632.D
Acq: 08 Dec 2022 01:32

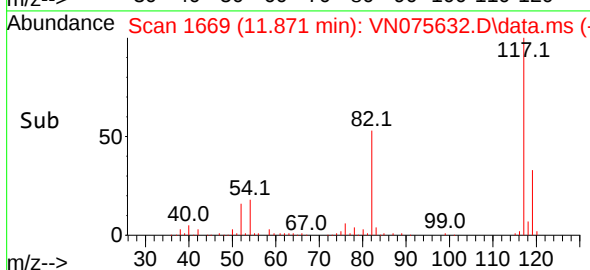
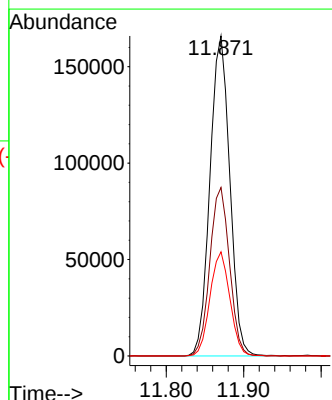
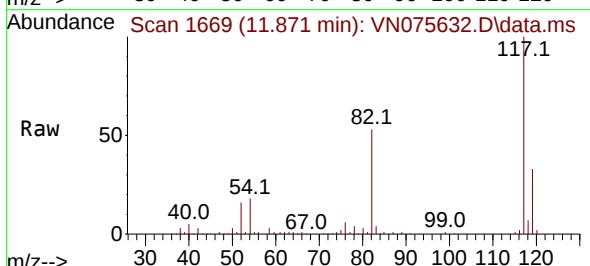
Instrument :
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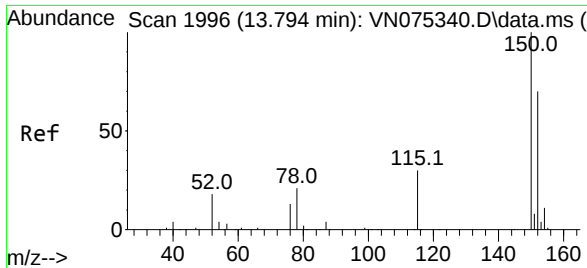
Tgt Ion: 95 Resp: 107668
Ion Ratio Lower Upper
95 100
174 88.0 0.0 147.4
176 84.5 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075632.D
Acq: 08 Dec 2022 01:32

Tgt Ion: 117 Resp: 295749
Ion Ratio Lower Upper
117 100
82 52.7 43.1 64.7
119 32.5 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: VN075632.D
 Acq: 08 Dec 2022 01:32

Instrument :
 MSVOA_N
 ClientSampleId :
 PB149441ZHE04

Tgt Ion:152 Resp: 134464
 Ion Ratio Lower Upper
 152 100
 115 57.4 30.2 90.6
 150 156.0 0.0 348.4

