

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101223\
 Data File : VN079546.D
 Acq On : 12 Oct 2023 15:35
 Operator : JC\MD
 Sample : 04844-14
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-603-COMP-08

Quant Time: Oct 13 01:20:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

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

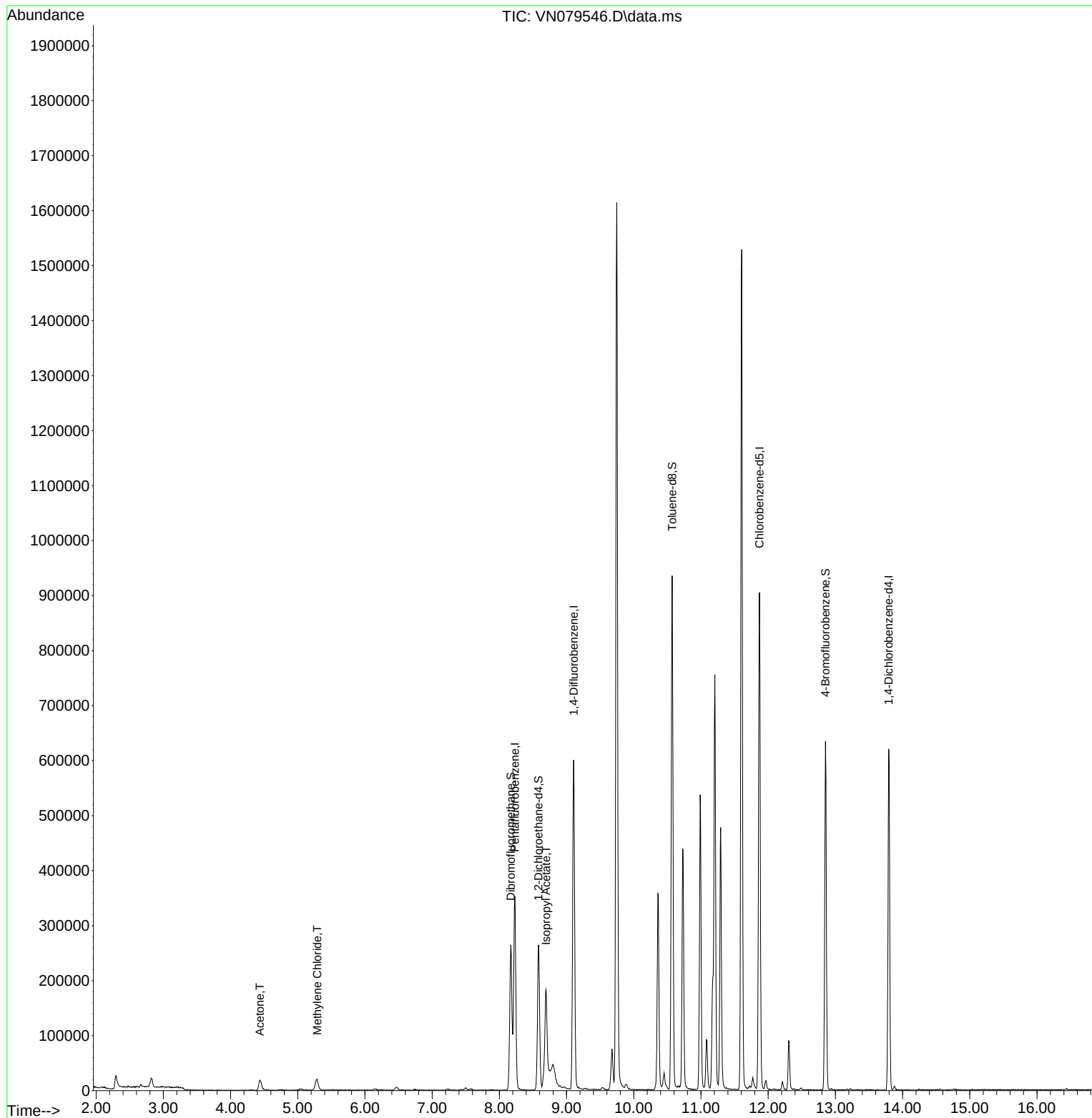
Internal Standards						
1) Pentafluorobenzene	8.230	168	245684	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	499200	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	513462	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	160757	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	210300	52.792	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.580%	
35) Dibromofluoromethane	8.171	113	182983	51.007	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.020%	
50) Toluene-d8	10.571	98	626898	48.296	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.600%	
62) 4-Bromofluorobenzene	12.853	95	207433	49.796	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.600%	
Target Compounds						
						Qvalue
16) Acetone	4.436	43	35754	22.629	ug/l	95
20) Methylene Chloride	5.289	84	15061	3.797	ug/l #	84
43) Isopropyl Acetate	8.694	43	234153	24.947	ug/l #	73

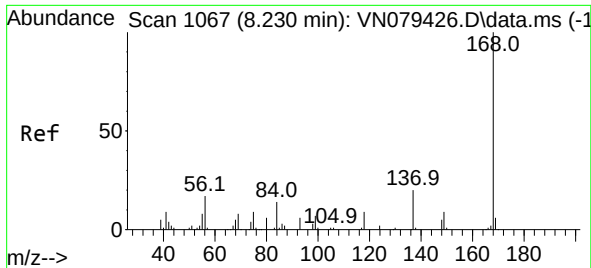
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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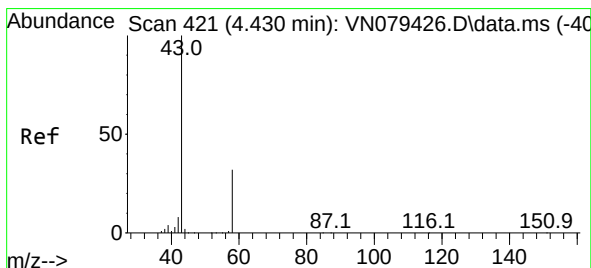
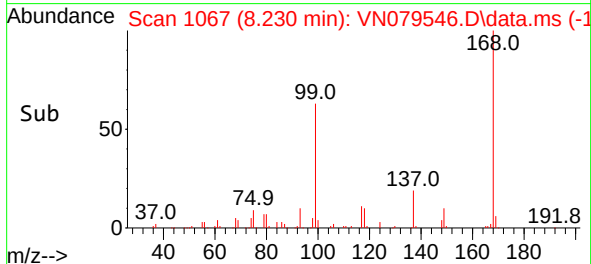
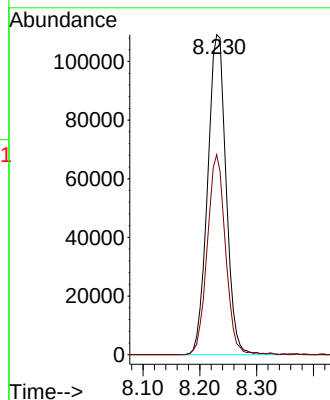
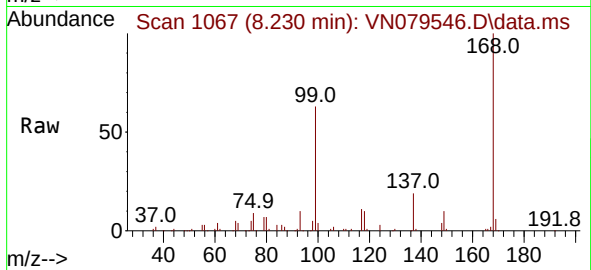




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079546.D
Acq: 12 Oct 2023 15:35

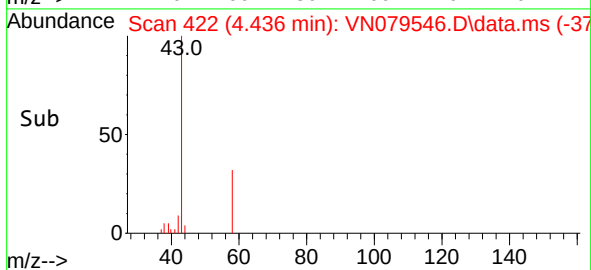
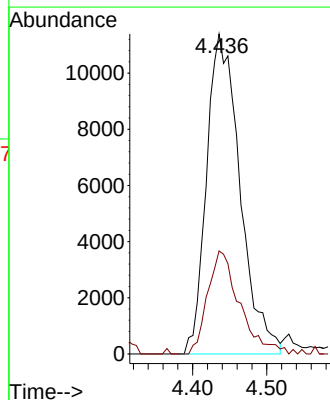
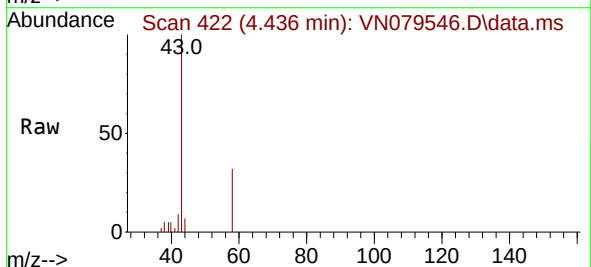
Instrument :
MSVOA_N
ClientSampleId :
OR-603-COMP-08

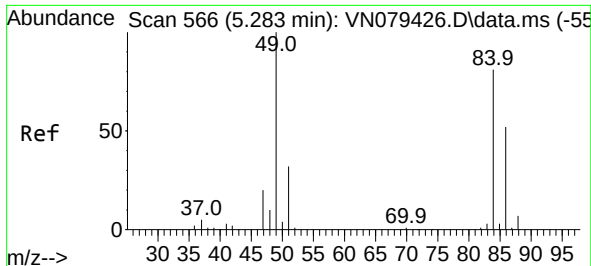
Tgt Ion:168 Resp: 245684
Ion Ratio Lower Upper
168 100
99 62.5 53.0 79.6



#16
Acetone
Concen: 22.629 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN079546.D
Acq: 12 Oct 2023 15:35

Tgt Ion: 43 Resp: 35754
Ion Ratio Lower Upper
43 100
58 32.2 28.0 42.0





#20

Methylene Chloride

Concen: 3.797 ug/l

RT: 5.289 min Scan# 51

Delta R.T. 0.006 min

Lab File: VN079546.D

Acq: 12 Oct 2023 15:35

Instrument :

MSVOA_N

ClientSampleId :

OR-603-COMP-08

Tgt Ion: 84 Resp: 15061

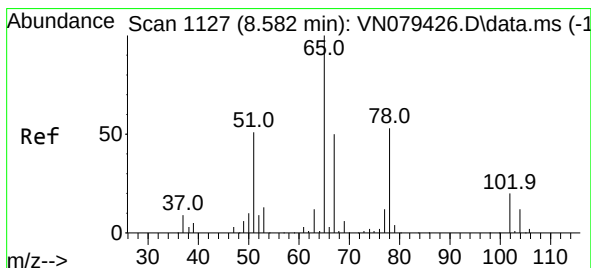
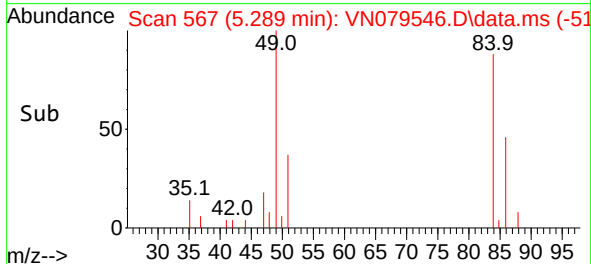
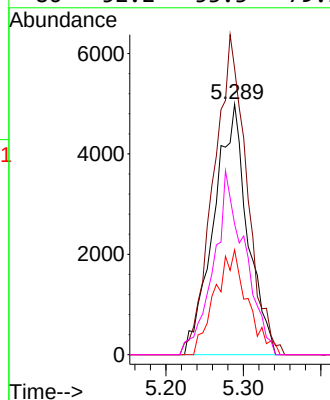
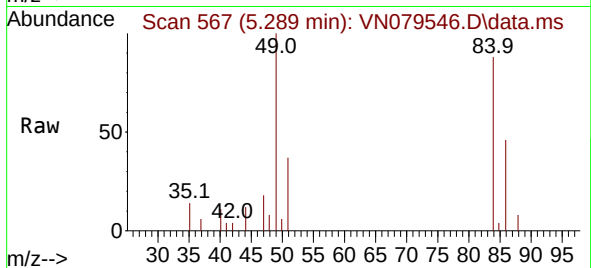
Ion Ratio Lower Upper

84 100

49 114.3 79.7 119.5

51 41.8 25.2 37.8#

86 52.2 53.3 79.9#



#33

1,2-Dichloroethane-d4

Concen: 52.792 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079546.D

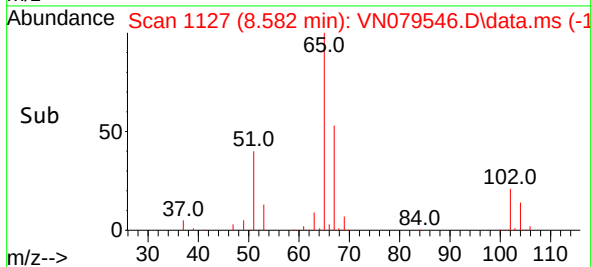
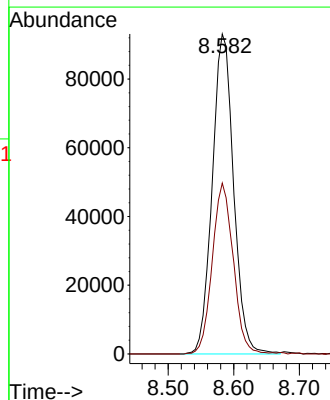
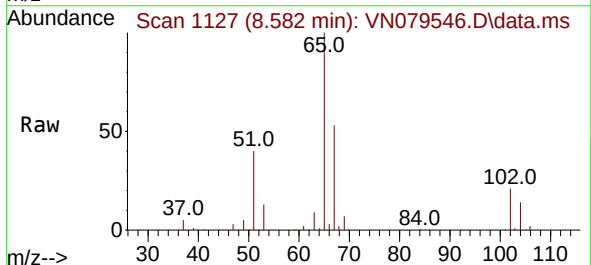
Acq: 12 Oct 2023 15:35

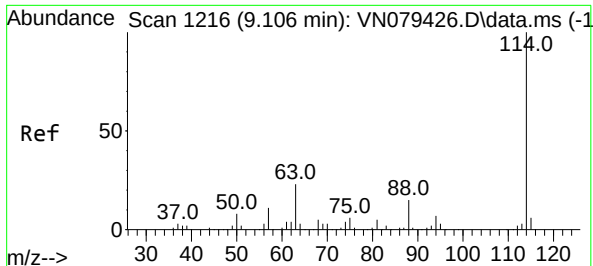
Tgt Ion: 65 Resp: 210300

Ion Ratio Lower Upper

65 100

67 52.5 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079546.D

Acq: 12 Oct 2023 15:35

Instrument :

MSVOA_N

ClientSampleId :

OR-603-COMP-08

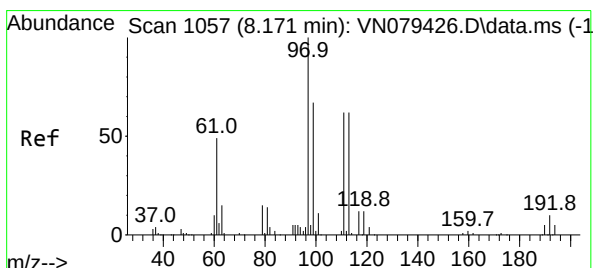
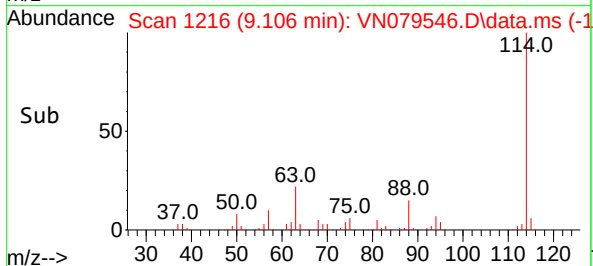
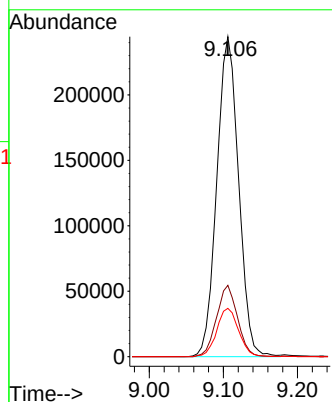
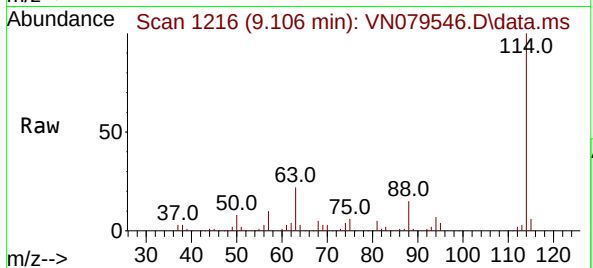
Tgt Ion:114 Resp: 499200

Ion Ratio Lower Upper

114 100

63 22.3 0.0 36.4

88 15.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.007 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079546.D

Acq: 12 Oct 2023 15:35

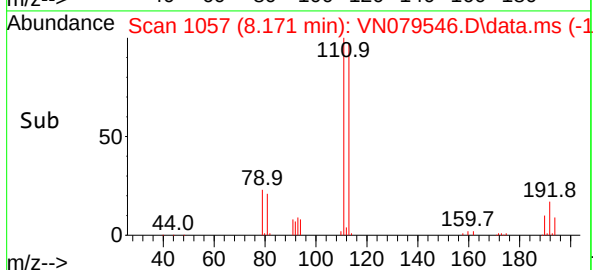
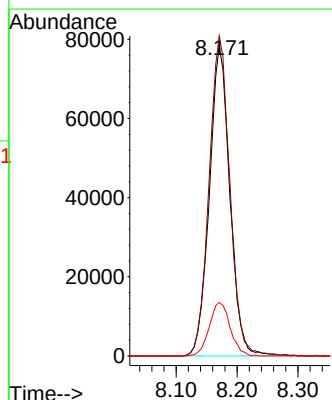
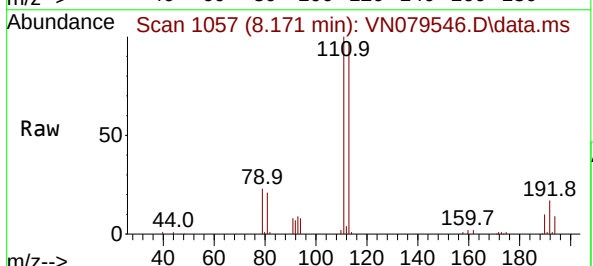
Tgt Ion:113 Resp: 182983

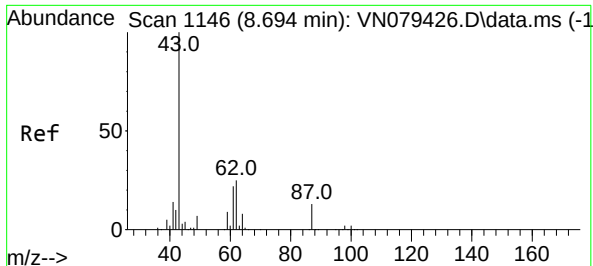
Ion Ratio Lower Upper

113 100

111 104.6 82.6 123.8

192 17.6 12.7 19.1

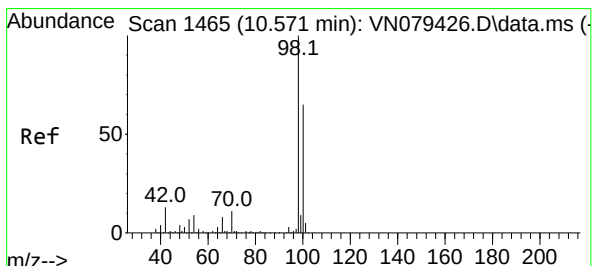
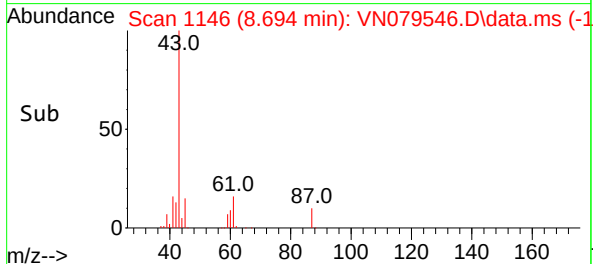
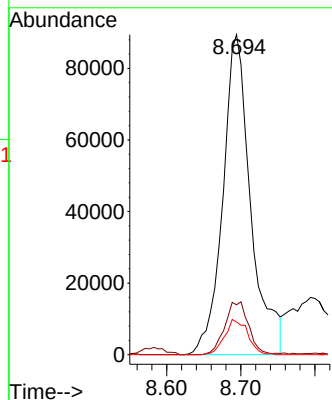
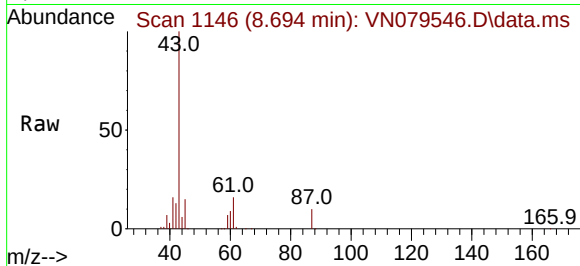




#43
Isopropyl Acetate
Concen: 24.947 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079546.D
Acq: 12 Oct 2023 15:35

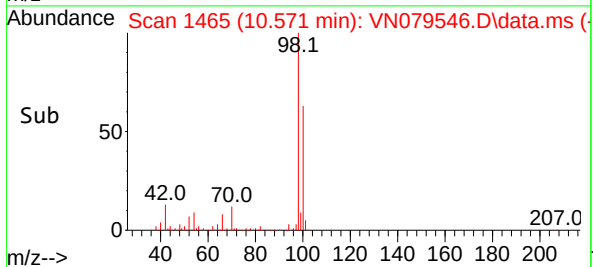
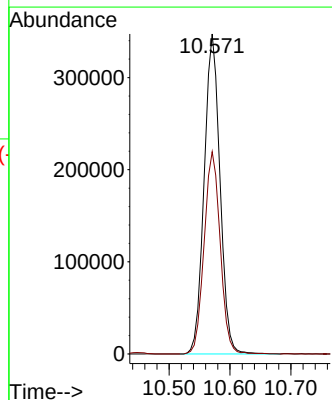
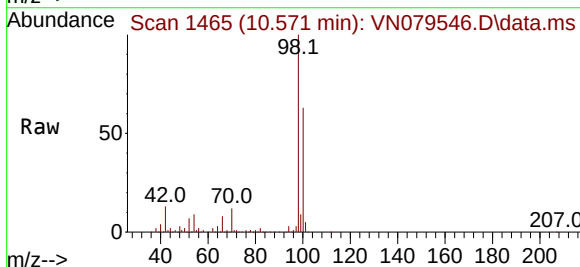
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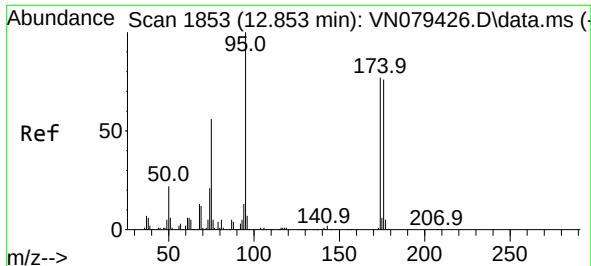
Tgt Ion: 43 Resp: 234153
Ion Ratio Lower Upper
43 100
61 14.2 24.7 37.1#
87 9.1 14.6 21.8#



#50
Toluene-d8
Concen: 48.296 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079546.D
Acq: 12 Oct 2023 15:35

Tgt Ion: 98 Resp: 626898
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0

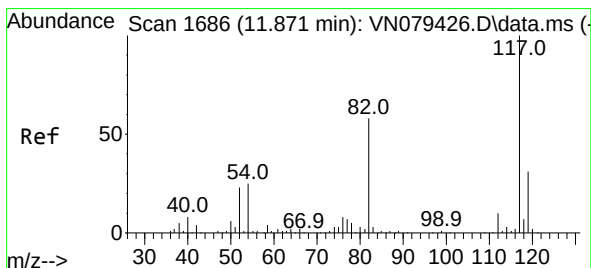
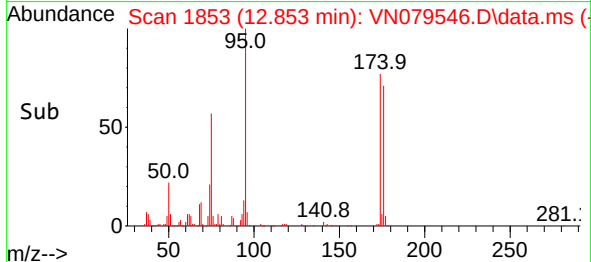
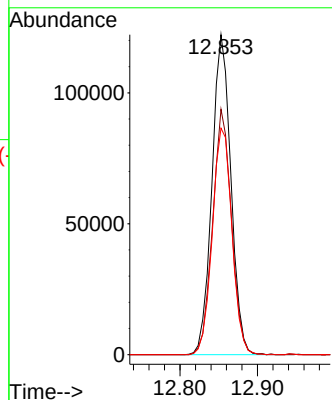
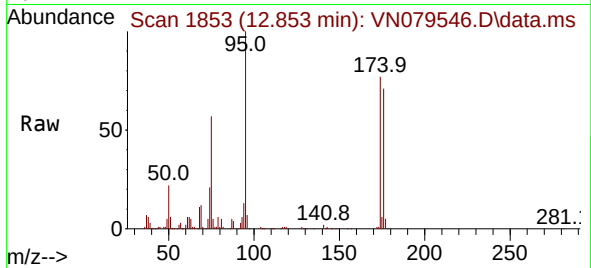




#62
4-Bromofluorobenzene
Concen: 49.796 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079546.D
Acq: 12 Oct 2023 15:35

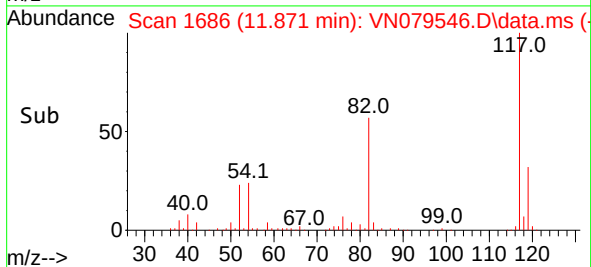
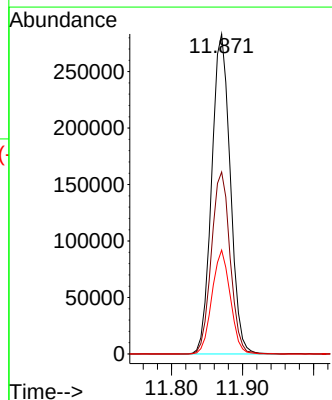
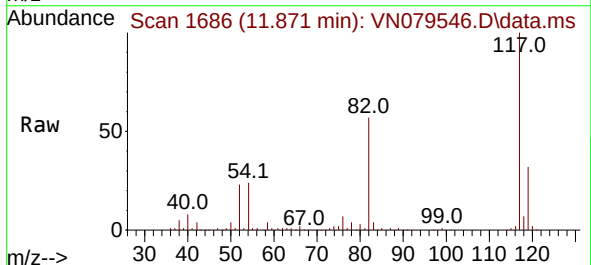
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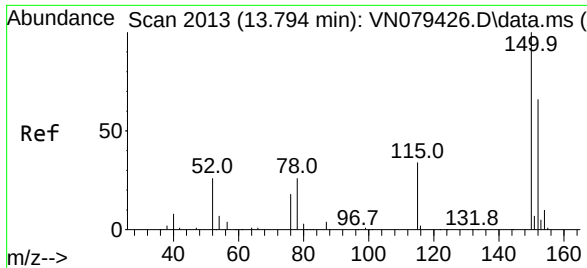
Tgt Ion: 95 Resp: 207433
Ion Ratio Lower Upper
95 100
174 76.3 0.0 143.8
176 73.2 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079546.D
Acq: 12 Oct 2023 15:35

Tgt Ion: 117 Resp: 513462
Ion Ratio Lower Upper
117 100
82 56.9 44.0 66.0
119 32.5 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN079546.D
 Acq: 12 Oct 2023 15:35

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-603-COMP-08

Tgt Ion:152 Resp: 160757
 Ion Ratio Lower Upper
 152 100
 115 62.2 32.3 96.8
 150 156.2 0.0 355.8

