

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111523\
 Data File : VN080121.D
 Acq On : 15 Nov 2023 19:28
 Operator : JC\MD
 Sample : 05432-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-6

Quant Time: Nov 15 21:58:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

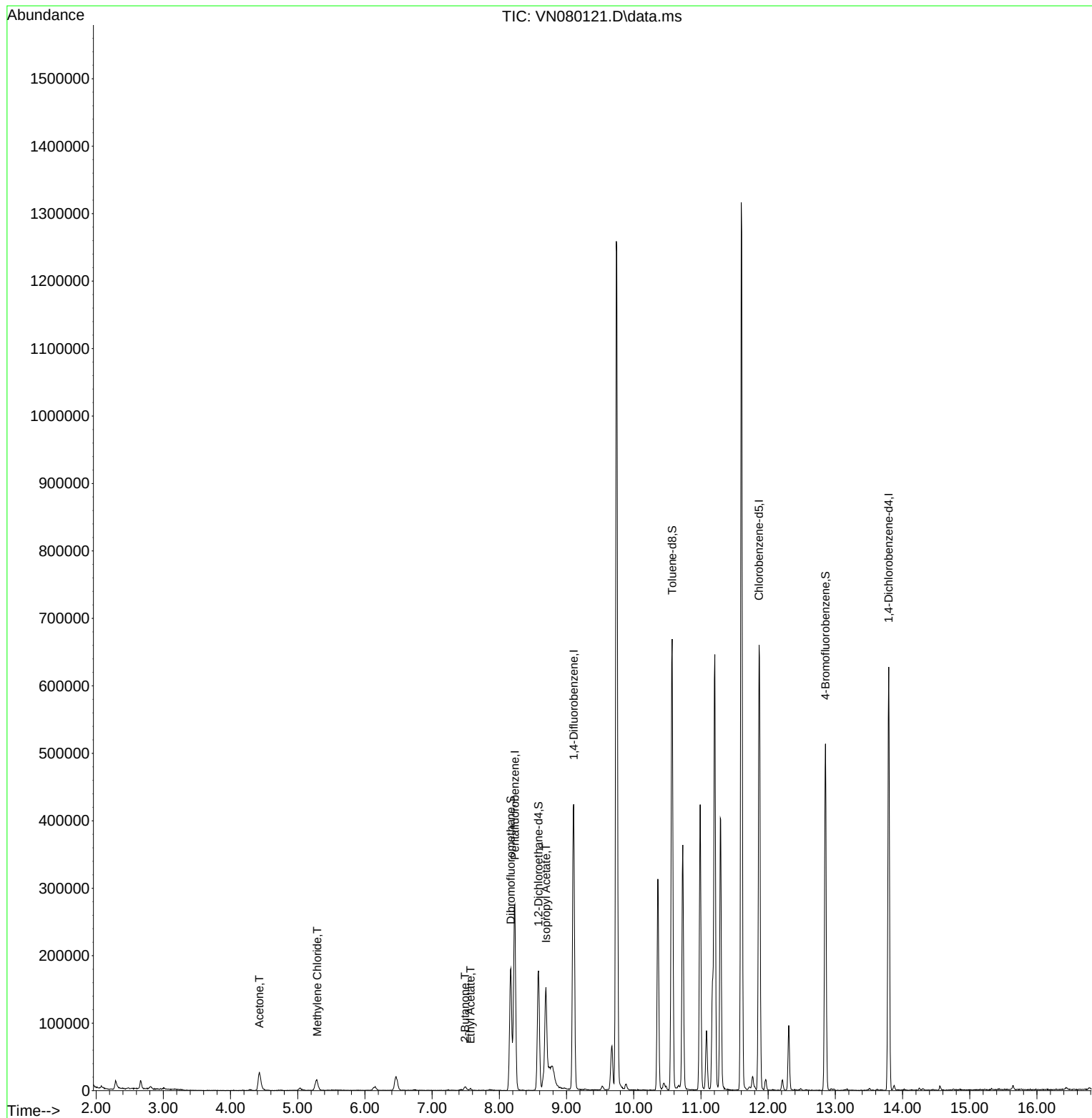
Internal Standards						
1) Pentafluorobenzene	8.230	168	185417	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	359927	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	375646	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	159461	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	160649	56.869	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.740%
35) Dibromofluoromethane	8.171	113	123467	48.468	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.940%
50) Toluene-d8	10.571	98	457280	48.761	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.520%
62) 4-Bromofluorobenzene	12.853	95	178463	57.380	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	114.760%
Target Compounds						
						Qvalue
16) Acetone	4.430	43	50809	51.205	ug/l	92
20) Methylene Chloride	5.289	84	13059	5.216	ug/l	89
25) 2-Butanone	7.489	43	9212	6.340	ug/l #	72
37) Ethyl Acetate	7.571	43	3556	1.066	ug/l #	79
43) Isopropyl Acetate	8.694	43	199536	34.109	ug/l #	76

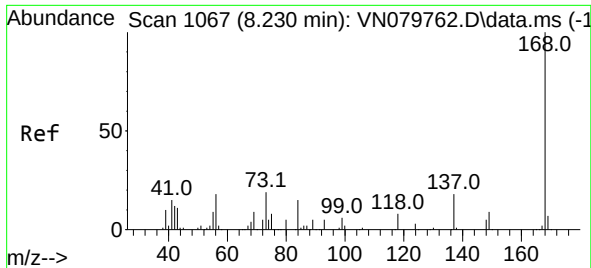
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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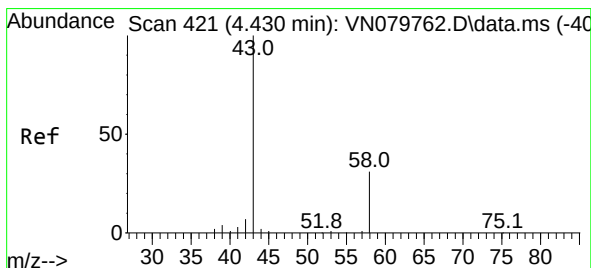
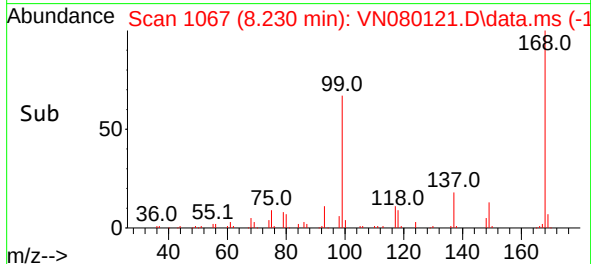
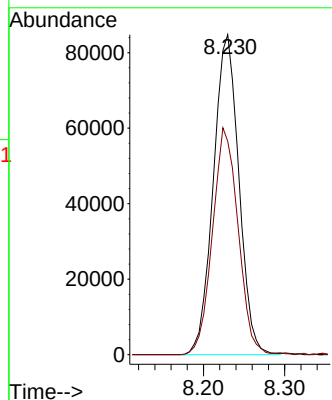
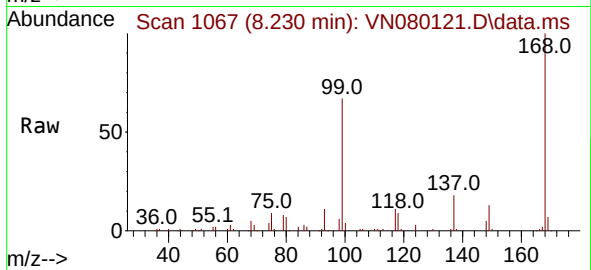




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN080121.D
Acq: 15 Nov 2023 19:28

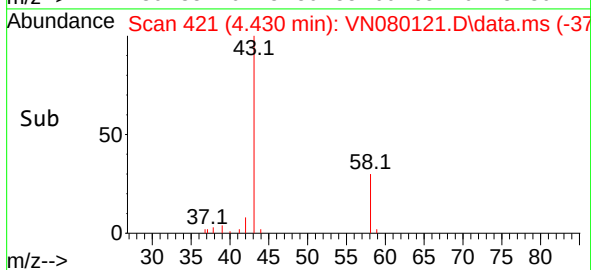
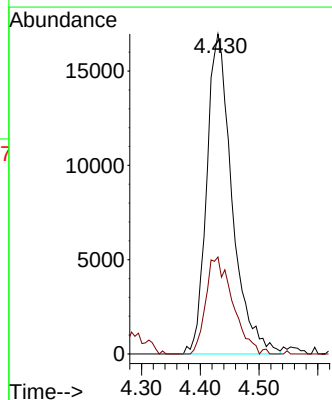
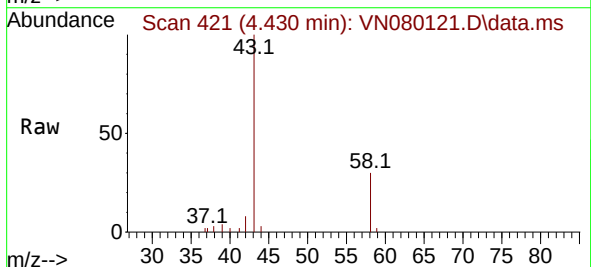
Instrument :
MSVOA_N
ClientSampleId :
TP-6

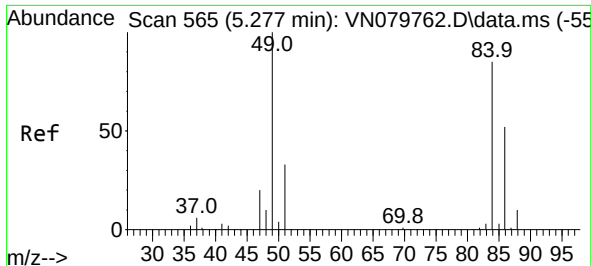
Tgt Ion:168 Resp: 185417
Ion Ratio Lower Upper
168 100
99 66.7 53.0 79.6



#16
Acetone
Concen: 51.205 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN080121.D
Acq: 15 Nov 2023 19:28

Tgt Ion: 43 Resp: 50809
Ion Ratio Lower Upper
43 100
58 30.3 28.0 42.0

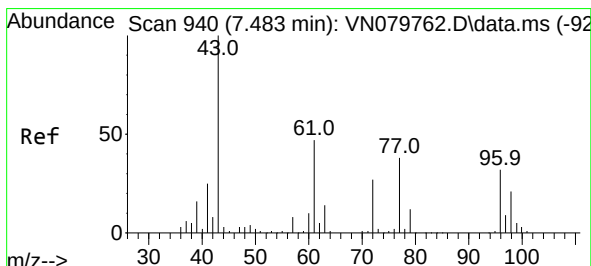
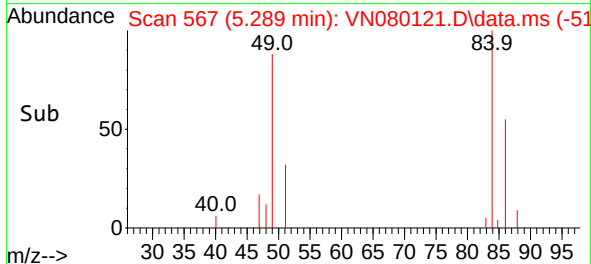
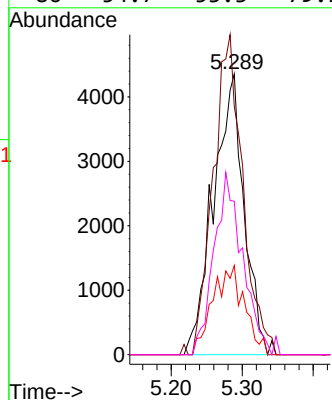
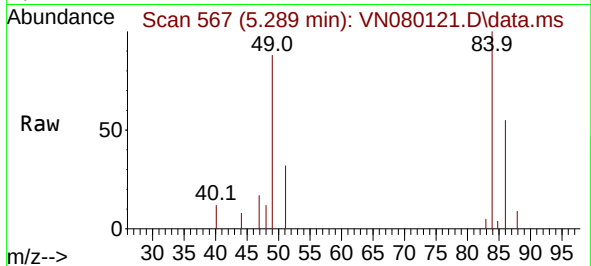




#20
Methylene Chloride
Concen: 5.216 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN080121.D
Acq: 15 Nov 2023 19:28

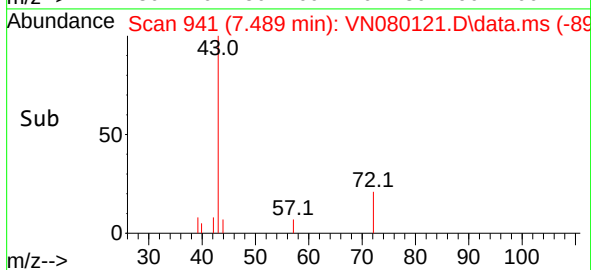
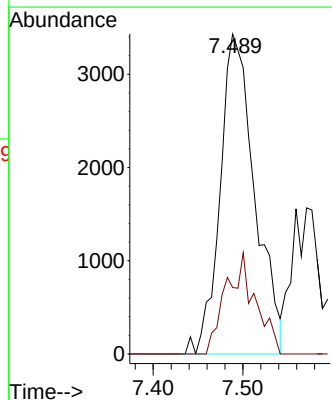
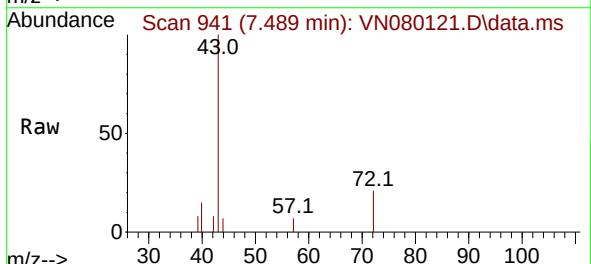
Instrument :
MSVOA_N
ClientSampleId :
TP-6

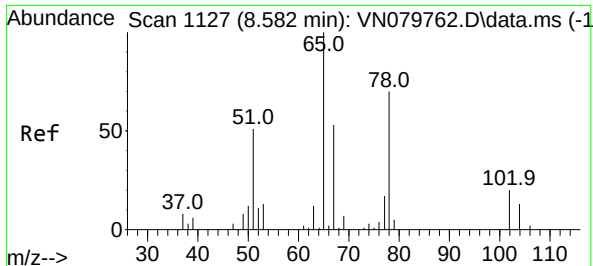
Tgt Ion:	84	Resp:	13059
Ion	Ratio	Lower	Upper
84	100		
49	88.5	79.7	119.5
51	31.8	25.2	37.8
86	54.7	53.3	79.9



#25
2-Butanone
Concen: 6.340 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080121.D
Acq: 15 Nov 2023 19:28

Tgt Ion:	43	Resp:	9212
Ion	Ratio	Lower	Upper
43	100		
72	20.8	30.2	45.2#





#33

1,2-Dichloroethane-d4

Concen: 56.869 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN080121.D

Acq: 15 Nov 2023 19:28

Instrument :

MSVOA_N

ClientSampleId :

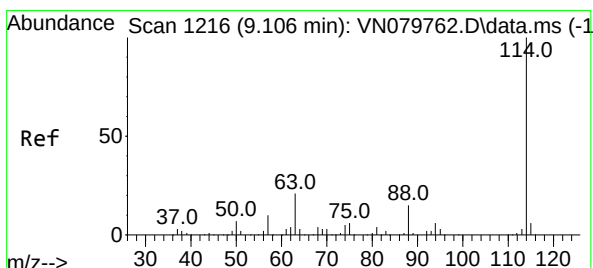
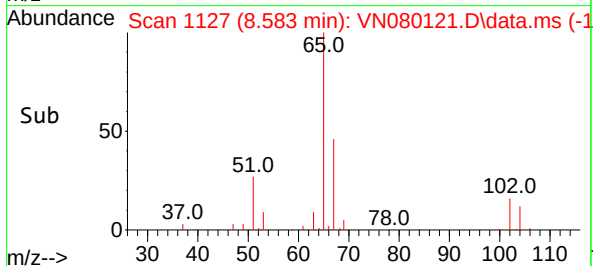
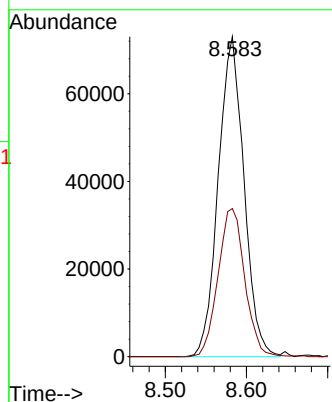
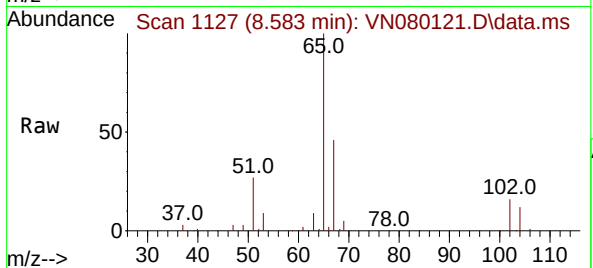
TP-6

Tgt Ion: 65 Resp: 160649

Ion Ratio Lower Upper

65 100

67 48.0 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN080121.D

Acq: 15 Nov 2023 19:28

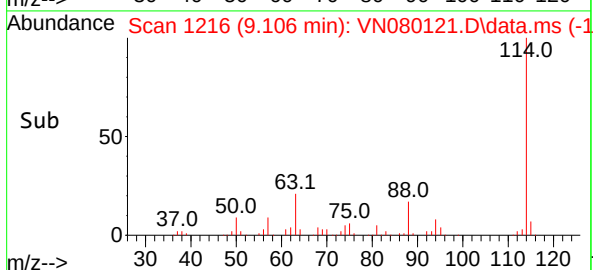
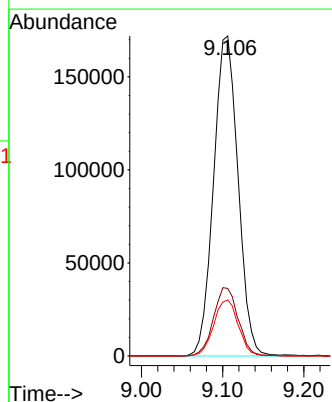
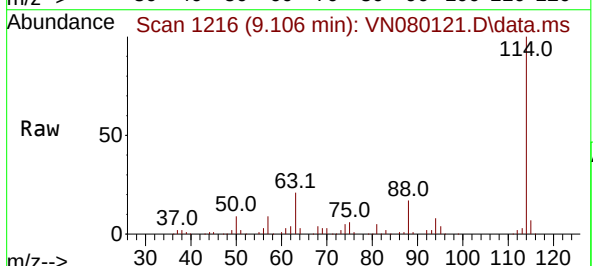
Tgt Ion: 114 Resp: 359927

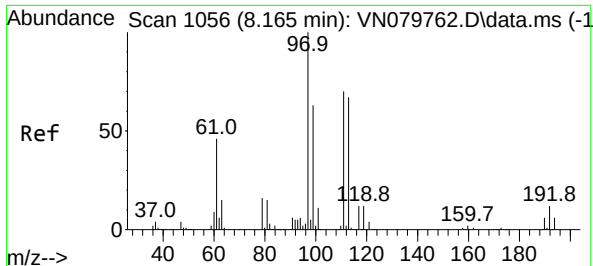
Ion Ratio Lower Upper

114 100

63 21.1 0.0 36.4

88 17.5 0.0 30.6

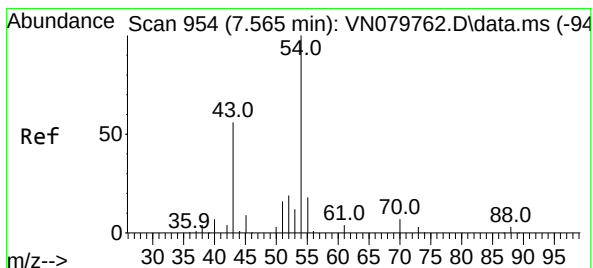
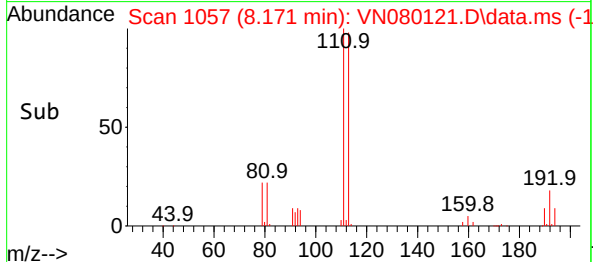
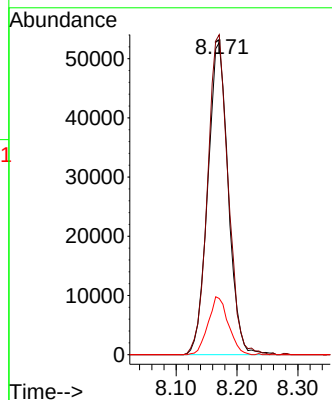
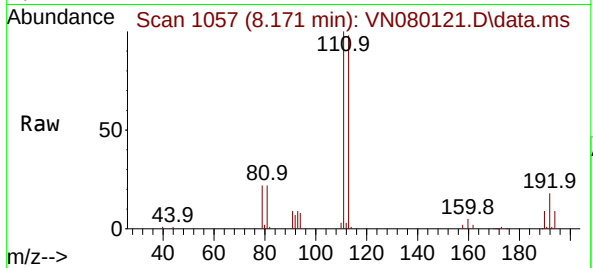




#35
Dibromofluoromethane
Concen: 48.468 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080121.D
Acq: 15 Nov 2023 19:28

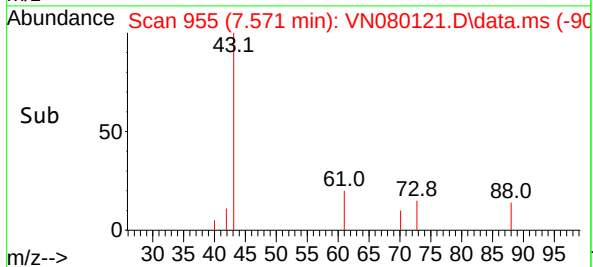
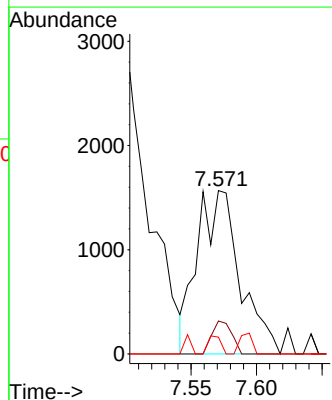
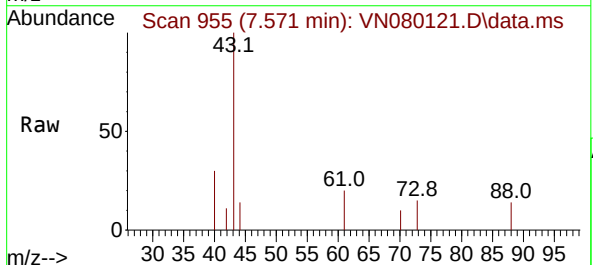
Instrument :
MSVOA_N
ClientSampleId :
TP-6

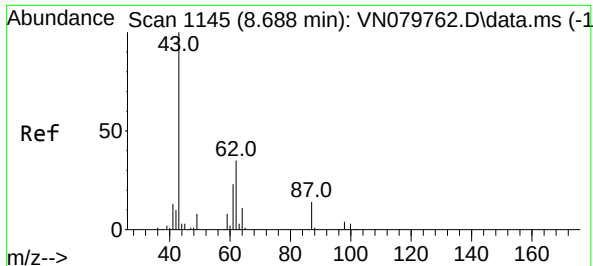
Tgt Ion:113 Resp: 123467
Ion Ratio Lower Upper
113 100
111 102.9 82.6 123.8
192 18.2 12.7 19.1



#37
Ethyl Acetate
Concen: 1.066 ug/l
RT: 7.571 min Scan# 955
Delta R.T. 0.006 min
Lab File: VN080121.D
Acq: 15 Nov 2023 19:28

Tgt Ion: 43 Resp: 3556
Ion Ratio Lower Upper
43 100
61 9.3 13.2 19.8#
70 3.3 11.3 16.9#





#43

Isopropyl Acetate

Concen: 34.109 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN080121.D

Acq: 15 Nov 2023 19:28

Instrument :

MSVOA_N

ClientSampleId :

TP-6

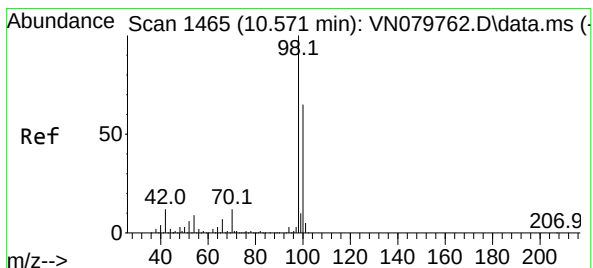
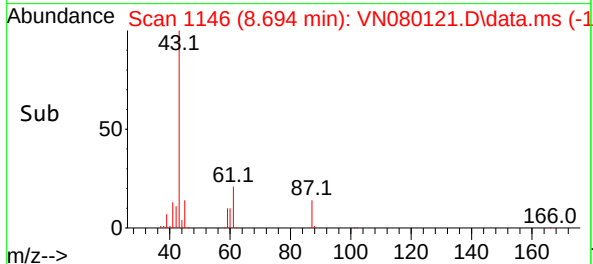
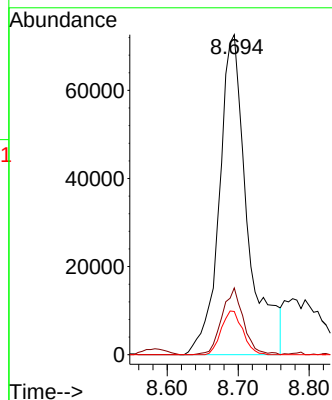
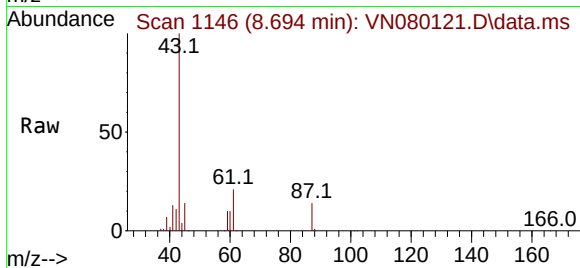
Tgt Ion: 43 Resp: 199536

Ion Ratio Lower Upper

43 100

61 16.0 24.7 37.1#

87 10.4 14.6 21.8#



#50

Toluene-d8

Concen: 48.761 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN080121.D

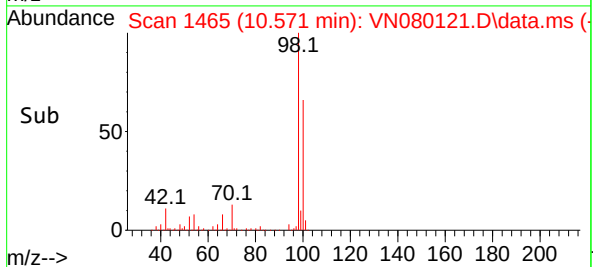
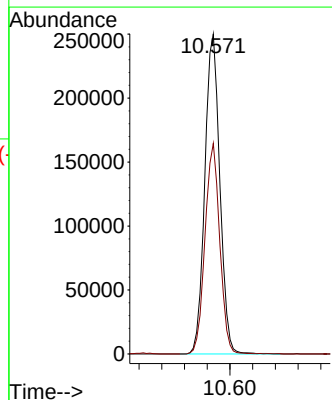
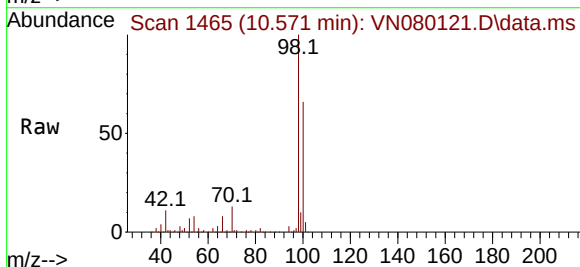
Acq: 15 Nov 2023 19:28

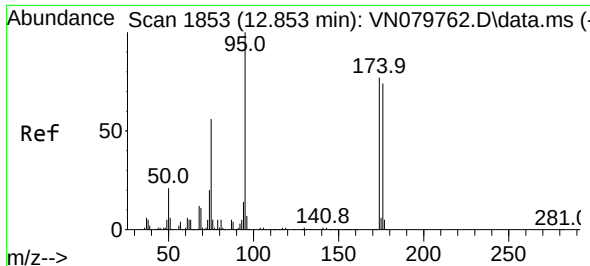
Tgt Ion: 98 Resp: 457280

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0

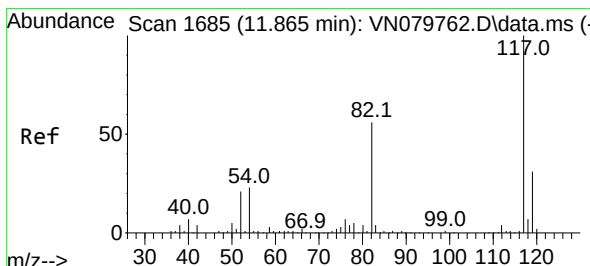
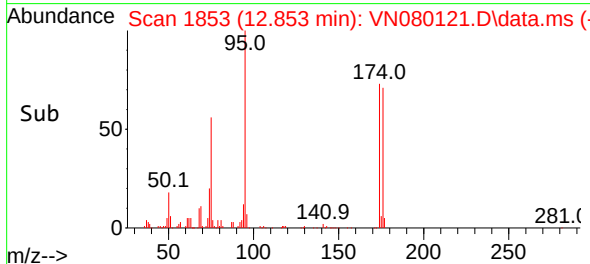
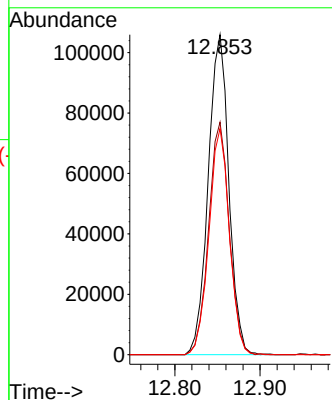
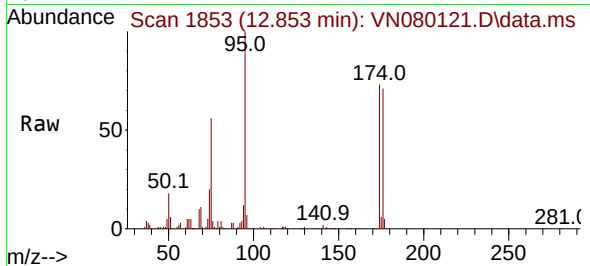




#62
4-Bromofluorobenzene
Concen: 57.380 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN080121.D
Acq: 15 Nov 2023 19:28

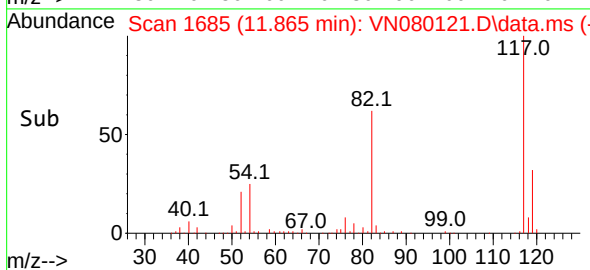
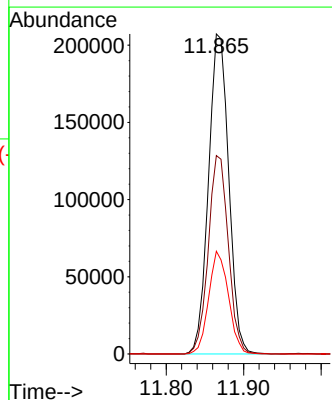
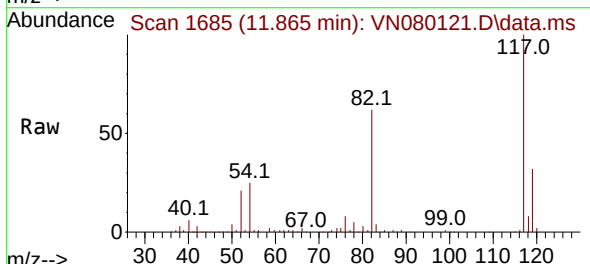
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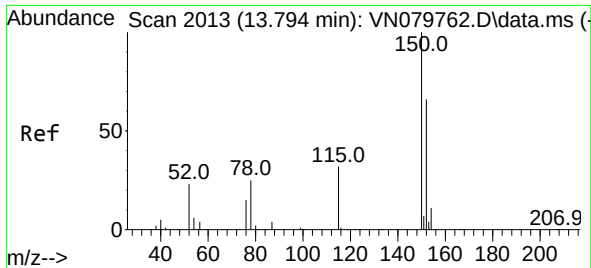
Tgt Ion: 95 Resp: 178463
Ion Ratio Lower Upper
95 100
174 72.9 0.0 143.8
176 69.8 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VN080121.D
Acq: 15 Nov 2023 19:28

Tgt Ion: 117 Resp: 375646
Ion Ratio Lower Upper
117 100
82 62.0 44.0 66.0
119 32.1 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: VN080121.D
 Acq: 15 Nov 2023 19:28

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-6

Tgt Ion:152 Resp: 159461
 Ion Ratio Lower Upper
 152 100
 115 67.1 32.3 96.8
 150 159.7 0.0 355.8

