

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100923\
 Data File : VN079470.D
 Acq On : 09 Oct 2023 14:23
 Operator : JC\MD
 Sample : 04765-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT-2

Quant Time: Oct 09 23:15:06 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)

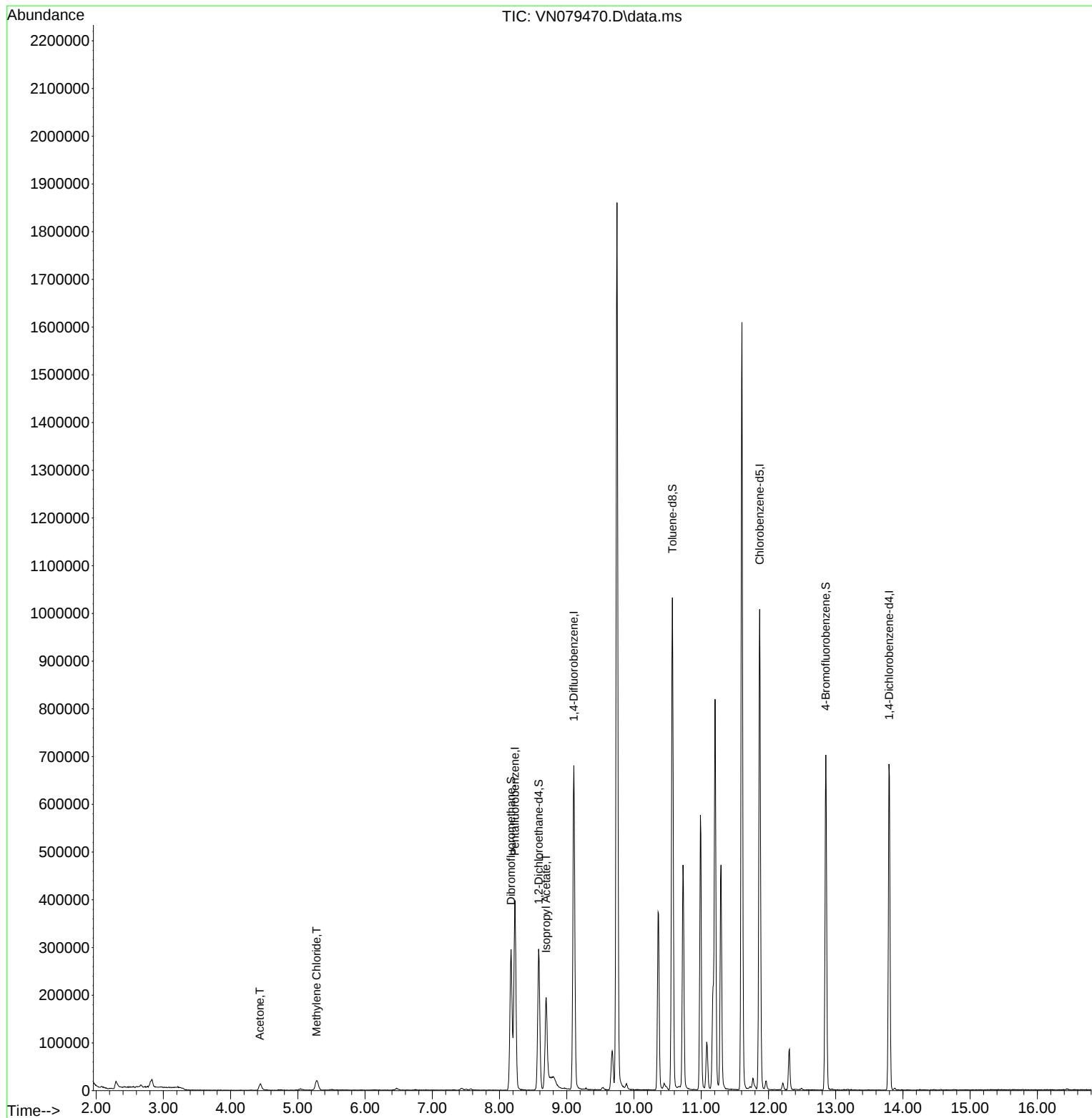
Internal Standards						
1) Pentafluorobenzene	8.230	168	268589	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	557604	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	557603	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	179255	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	234299	53.800	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 107.600%		
35) Dibromofluoromethane	8.171	113	206555	51.547	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 103.100%		
50) Toluene-d8	10.571	98	688265	47.470	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 94.940%		
62) 4-Bromofluorobenzene	12.853	95	233128	50.102	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 100.200%		
Target Compounds						Qvalue
16) Acetone	4.436	43	25842	14.961	ug/l	100
20) Methylene Chloride	5.277	84	16115	3.703	ug/l #	88
43) Isopropyl Acetate	8.694	43	239591	22.852	ug/l #	74

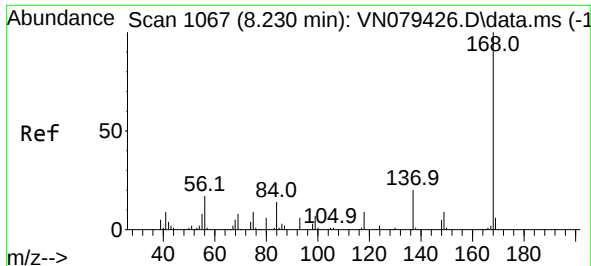
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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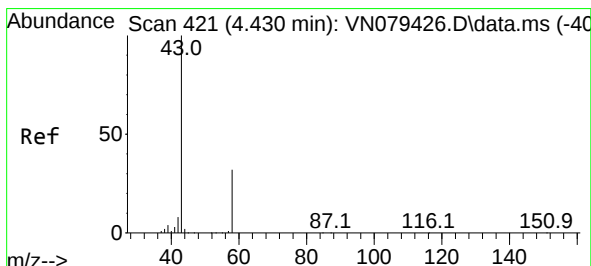
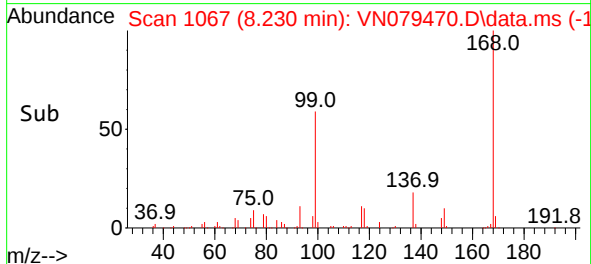
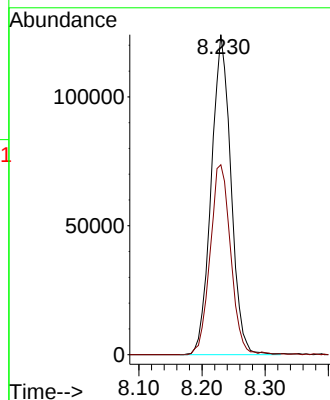
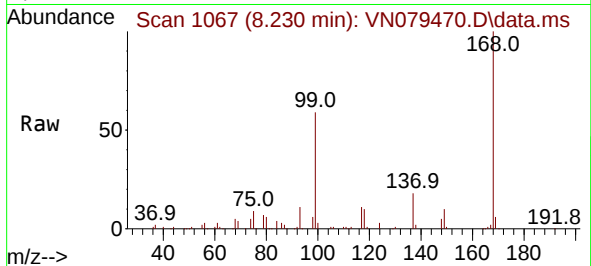




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079470.D
Acq: 09 Oct 2023 14:23

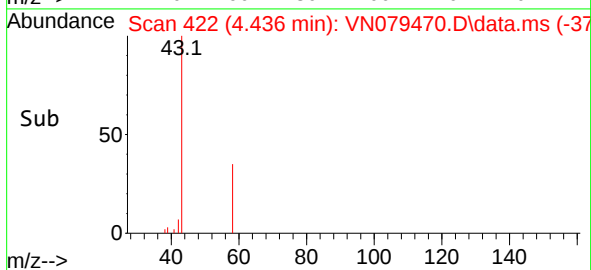
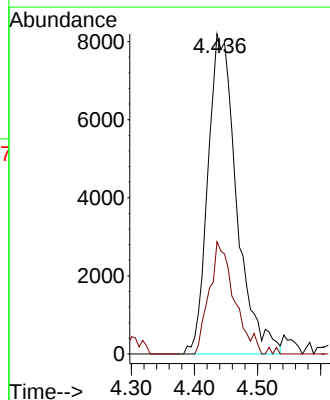
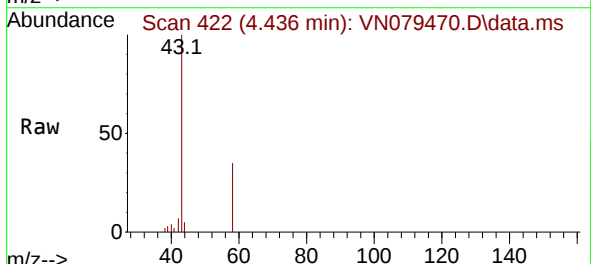
Instrument :
MSVOA_N
ClientSampleId :
TT-2

Tgt Ion:168 Resp: 268589
Ion Ratio Lower Upper
168 100
99 59.3 53.0 79.6



#16
Acetone
Concen: 14.961 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN079470.D
Acq: 09 Oct 2023 14:23

Tgt Ion: 43 Resp: 25842
Ion Ratio Lower Upper
43 100
58 35.0 28.0 42.0

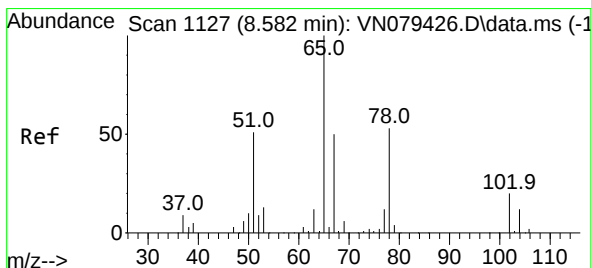
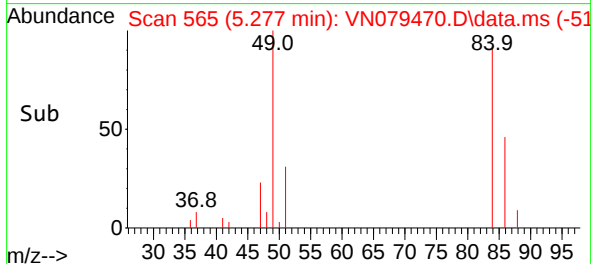
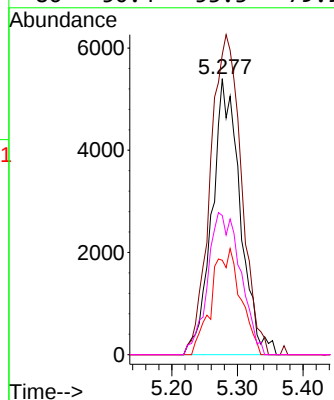
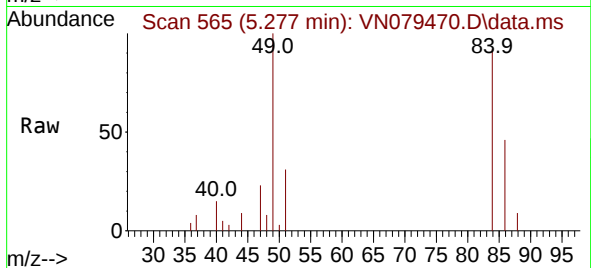




#20
Methylene Chloride
Concen: 3.703 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN079470.D
Acq: 09 Oct 2023 14:23

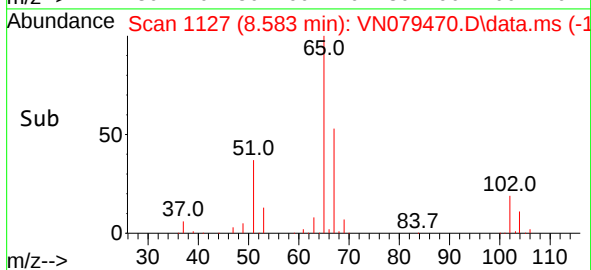
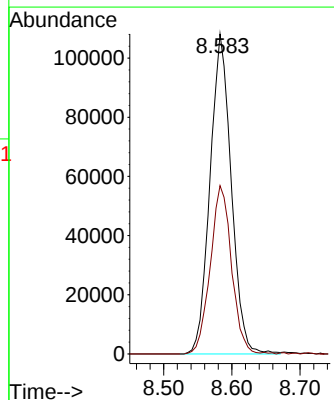
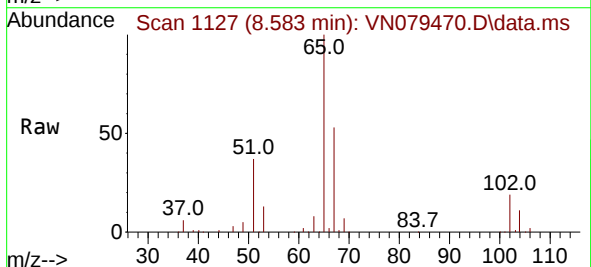
Instrument :
MSVOA_N
ClientSampleId :
TT-2

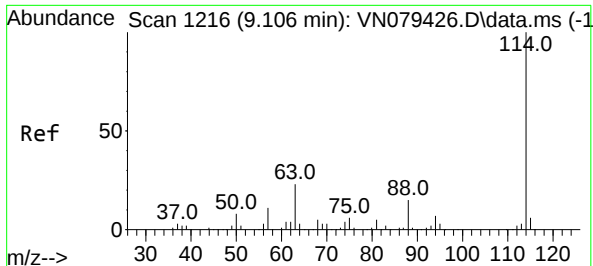
Tgt Ion:	84	Resp:	16115
Ion	Ratio	Lower	Upper
84	100		
49	108.7	79.7	119.5
51	34.2	25.2	37.8
86	50.4	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: 53.800 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079470.D
Acq: 09 Oct 2023 14:23

Tgt Ion:	65	Resp:	234299
Ion	Ratio	Lower	Upper
65	100		
67	52.7	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: VN079470.D

Acq: 09 Oct 2023 14:23

Instrument :

MSVOA_N

ClientSampleId :

TT-2

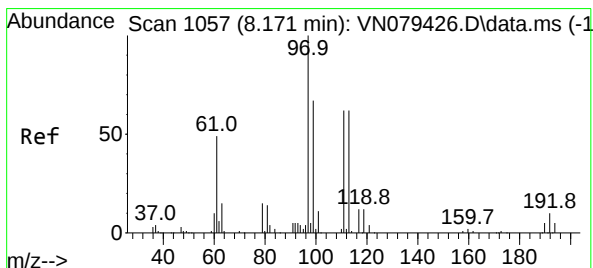
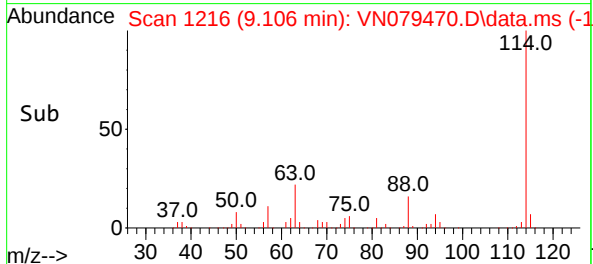
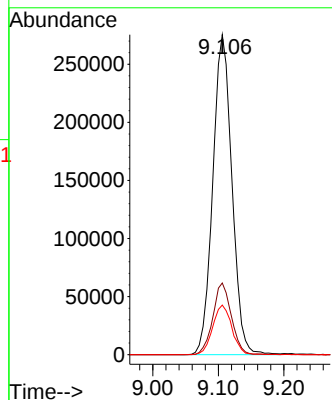
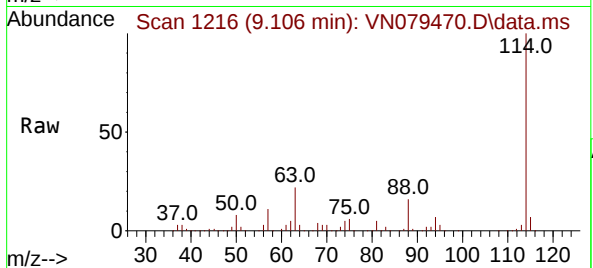
Tgt Ion:114 Resp: 557604

Ion Ratio Lower Upper

114 100

63 22.4 0.0 36.4

88 15.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.547 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079470.D

Acq: 09 Oct 2023 14:23

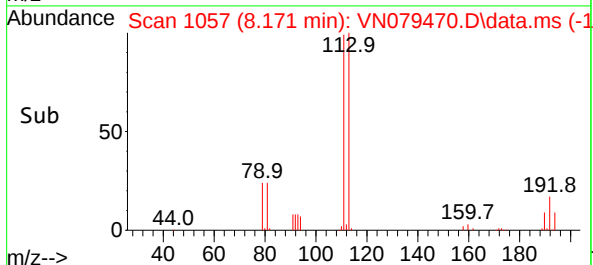
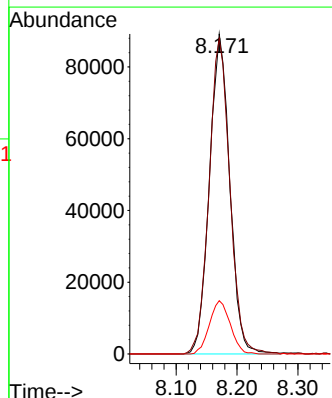
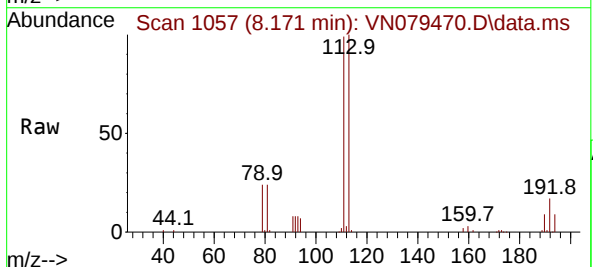
Tgt Ion:113 Resp: 206555

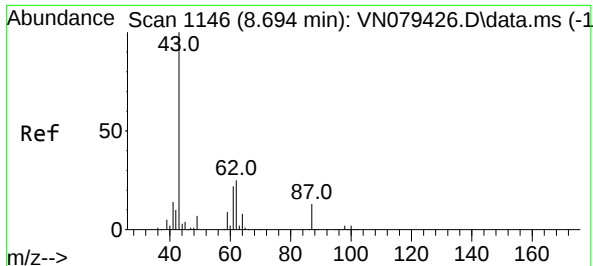
Ion Ratio Lower Upper

113 100

111 100.9 82.6 123.8

192 17.0 12.7 19.1

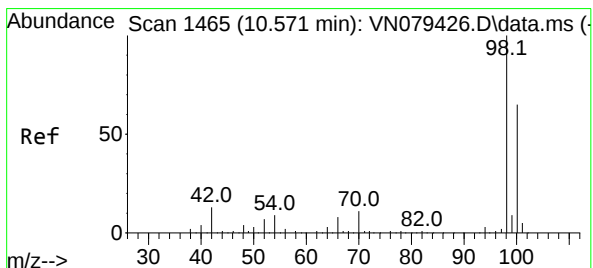
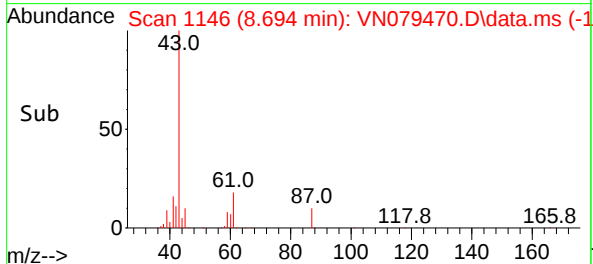
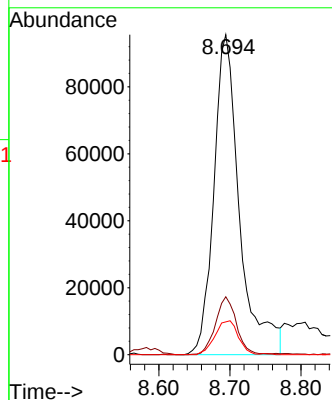
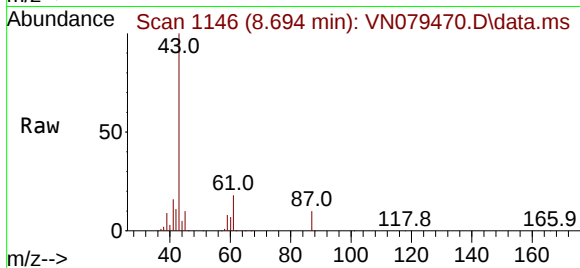




#43
Isopropyl Acetate
Concen: 22.852 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079470.D
Acq: 09 Oct 2023 14:23

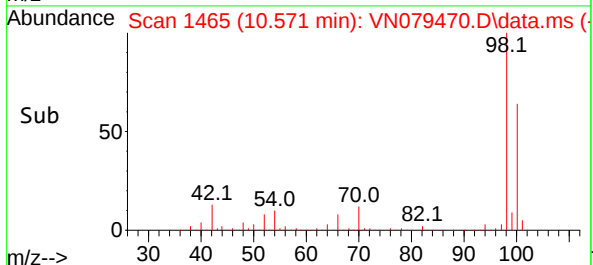
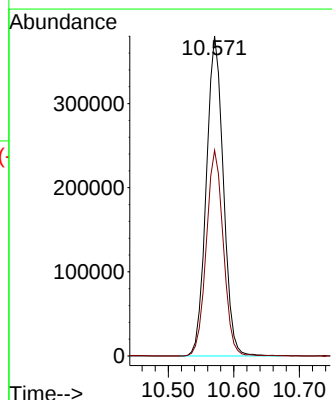
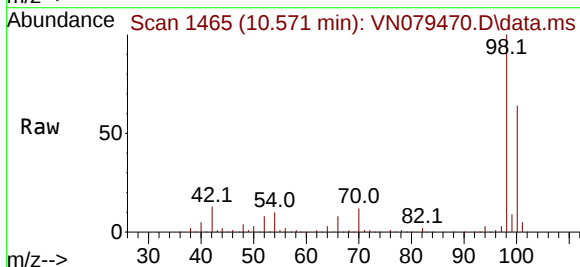
Instrument :
MSVOA_N
ClientSampleId :
TT-2

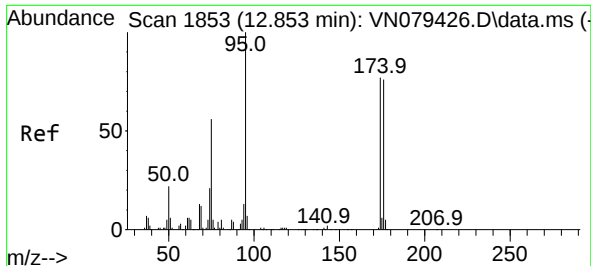
Tgt Ion: 43 Resp: 239591
Ion Ratio Lower Upper
43 100
61 14.8 24.7 37.1#
87 9.6 14.6 21.8#



#50
Toluene-d8
Concen: 47.470 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079470.D
Acq: 09 Oct 2023 14:23

Tgt Ion: 98 Resp: 688265
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0

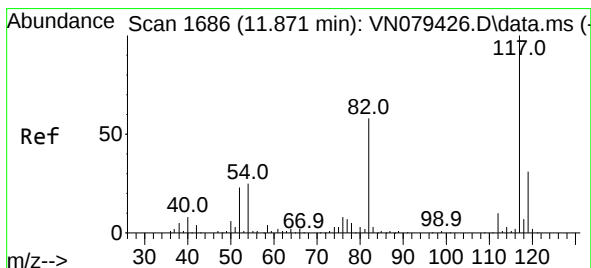
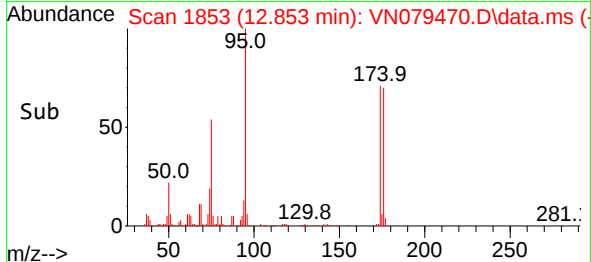
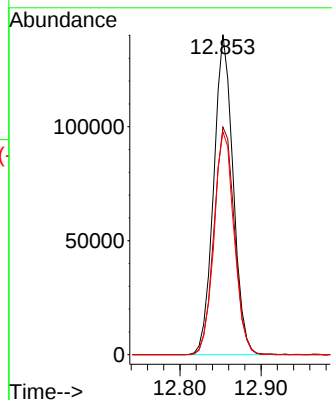
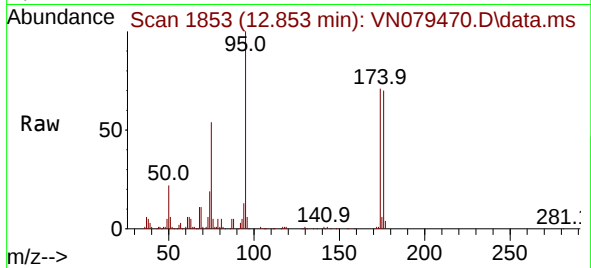




#62
4-Bromofluorobenzene
Concen: 50.102 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079470.D
Acq: 09 Oct 2023 14:23

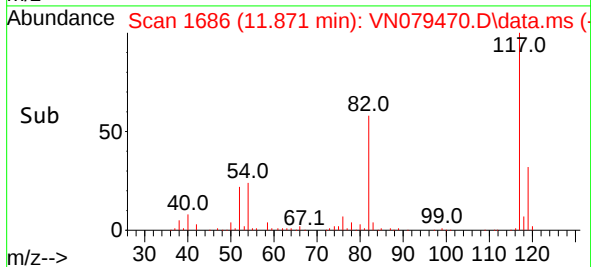
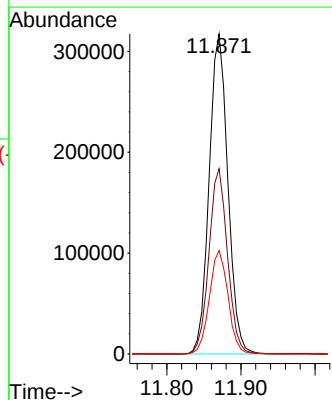
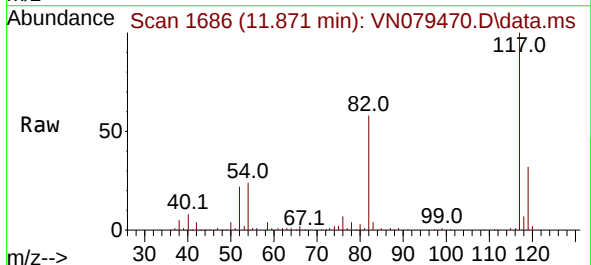
Instrument :
MSVOA_N
ClientSampleId :
TT-2

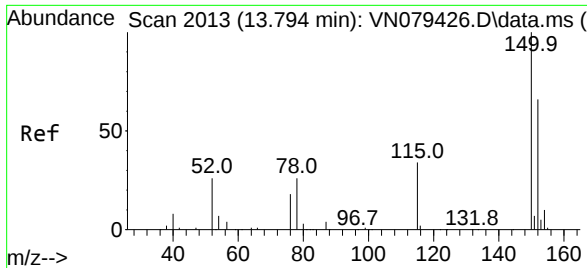
Tgt Ion: 95 Resp: 233128
Ion Ratio Lower Upper
95 100
174 75.1 0.0 143.8
176 71.9 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079470.D
Acq: 09 Oct 2023 14:23

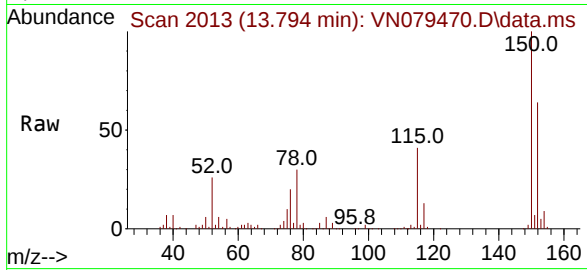
Tgt Ion: 117 Resp: 557603
Ion Ratio Lower Upper
117 100
82 57.9 44.0 66.0
119 32.3 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN079470.D
 Acq: 09 Oct 2023 14:23

Instrument :
 MSVOA_N
 ClientSampleId :
 TT-2



Tgt Ion:152 Resp: 179255
 Ion Ratio Lower Upper
 152 100
 115 61.7 32.3 96.8
 150 155.5 0.0 355.8

