

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100423\
 Data File : VN079413.D
 Acq On : 04 Oct 2023 19:12
 Operator : JC\MD
 Sample : 04714-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2

Quant Time: Oct 05 02:26:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

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

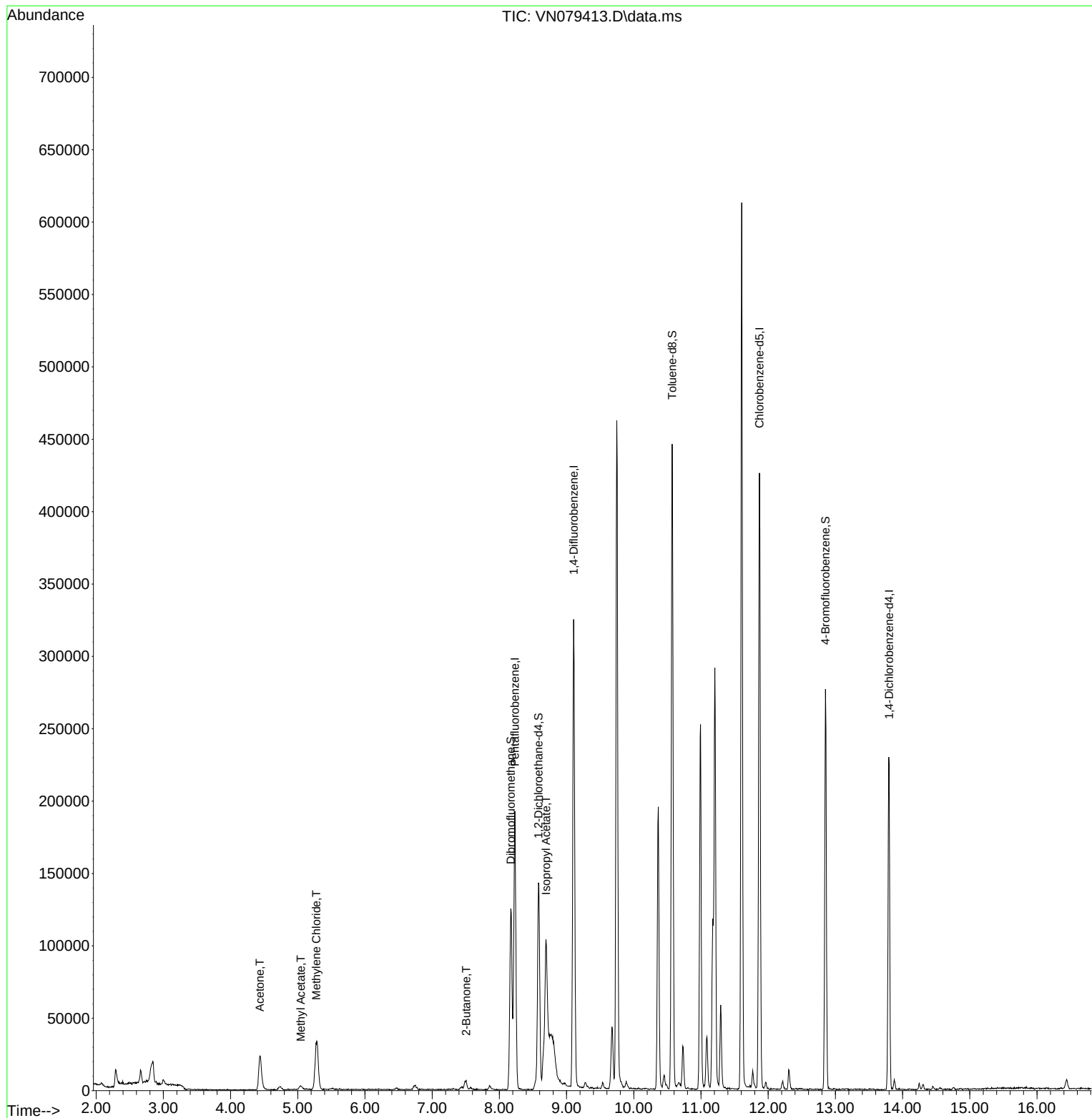
Internal Standards						
1) Pentafluorobenzene	8.230	168	127917	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	262860	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	239540	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	59736	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	117407	67.993	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 135.980%#	
35) Dibromofluoromethane	8.171	113	91177	52.146	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.300%	
50) Toluene-d8	10.571	98	298669	46.520	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 93.040%	
62) 4-Bromofluorobenzene	12.853	95	89690	43.796	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 87.600%	
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	46512	63.423	ug/l	94
18) Methyl Acetate	5.047	43	5735	1.903	ug/l #	81
20) Methylene Chloride	5.277	84	26683	14.951	ug/l #	83
25) 2-Butanone	7.506	43	11047	10.382	ug/l #	74
43) Isopropyl Acetate	8.694	43	146195	33.331	ug/l #	68

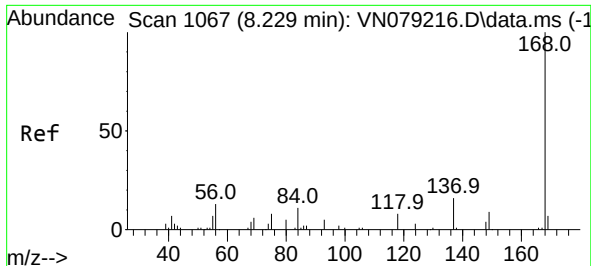
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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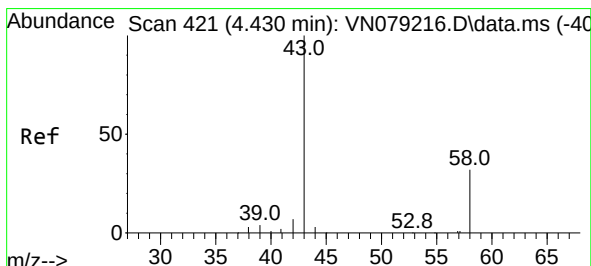
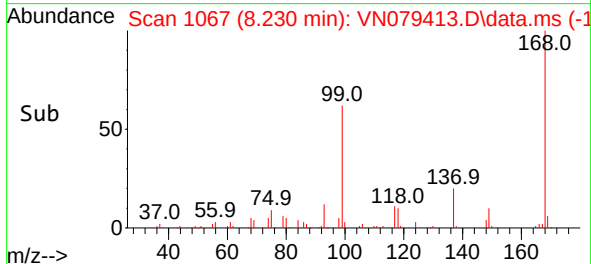
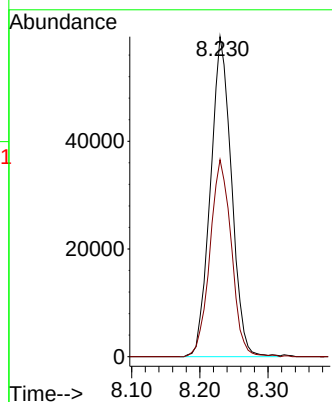
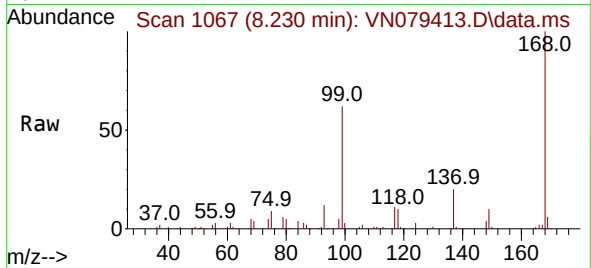




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079413.D
Acq: 04 Oct 2023 19:12

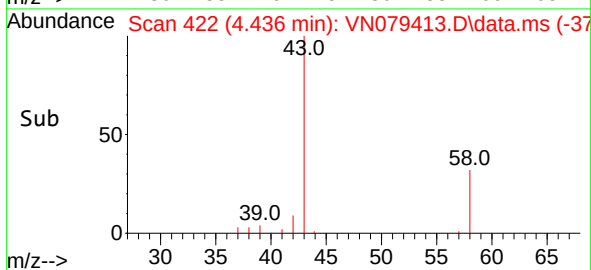
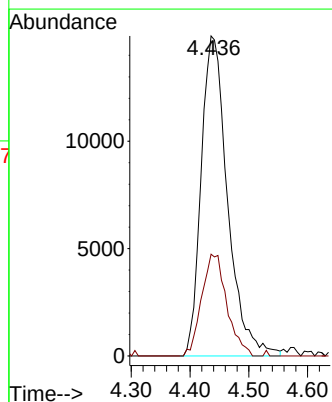
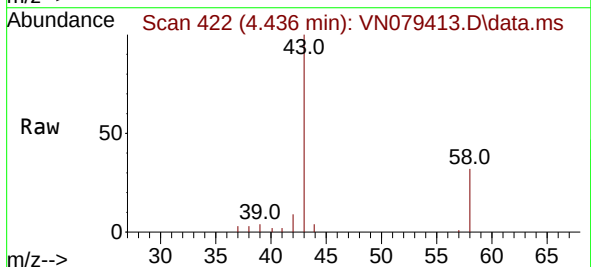
Instrument :
MSVOA_N
ClientSampleId :
TP-2

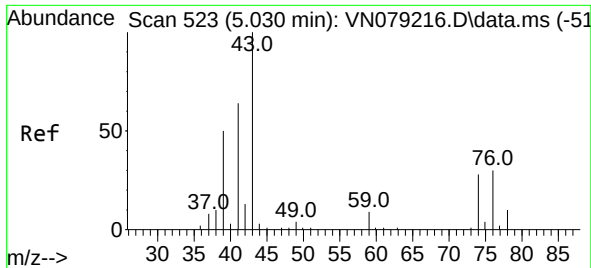
Tgt Ion:168 Resp: 127917
Ion Ratio Lower Upper
168 100
99 61.6 53.0 79.6



#16
Acetone
Concen: 63.423 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN079413.D
Acq: 04 Oct 2023 19:12

Tgt Ion: 43 Resp: 46512
Ion Ratio Lower Upper
43 100
58 31.8 28.0 42.0

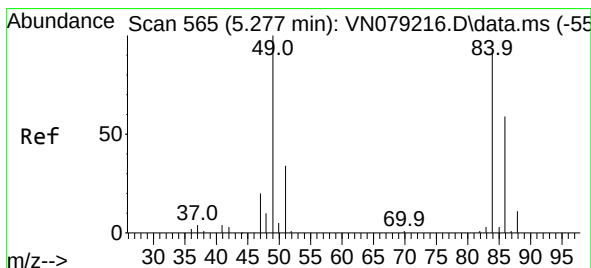
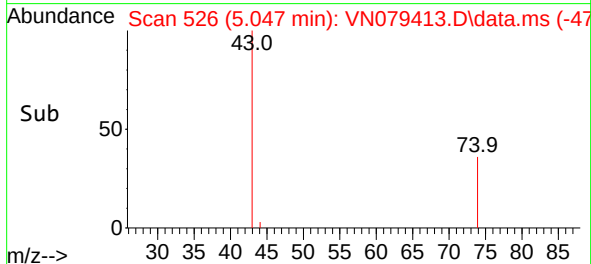
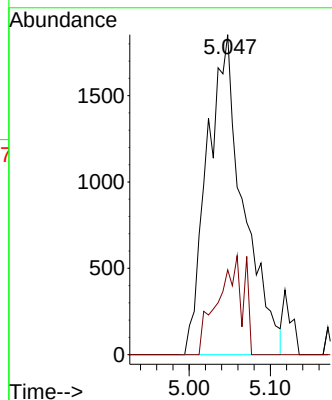
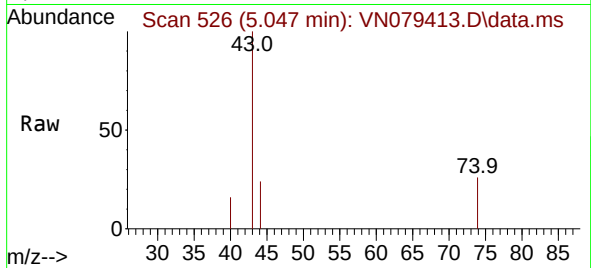




#18
Methyl Acetate
Concen: 1.903 ug/l
RT: 5.047 min Scan# 51
Delta R.T. 0.005 min
Lab File: VN079413.D
Acq: 04 Oct 2023 19:12

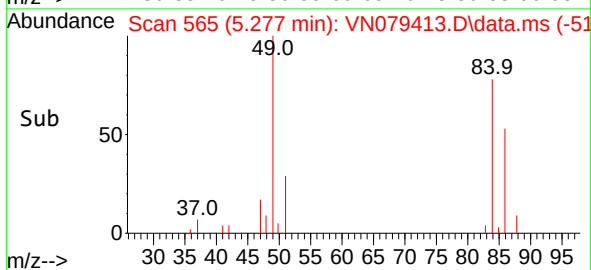
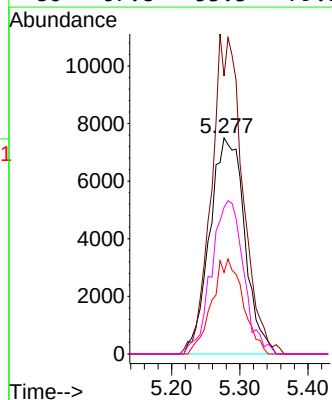
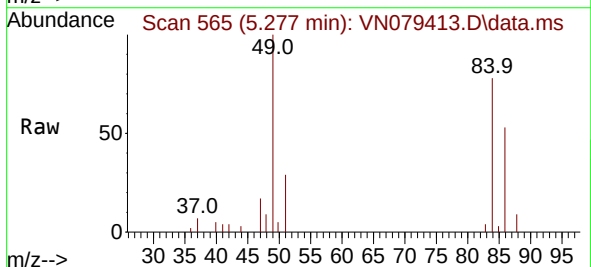
Instrument :
MSVOA_N
ClientSampleId :
TP-2

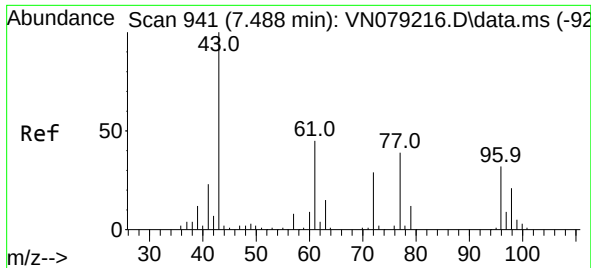
Tgt Ion: 43 Resp: 5735
Ion Ratio Lower Upper
43 100
74 22.2 26.2 39.4#



#20
Methylene Chloride
Concen: 14.951 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN079413.D
Acq: 04 Oct 2023 19:12

Tgt Ion: 84 Resp: 26683
Ion Ratio Lower Upper
84 100
49 128.6 79.7 119.5#
51 37.7 25.2 37.8
86 67.8 53.3 79.9

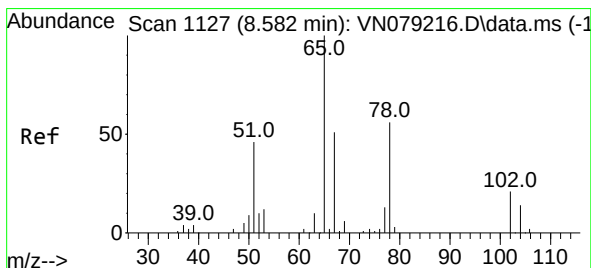
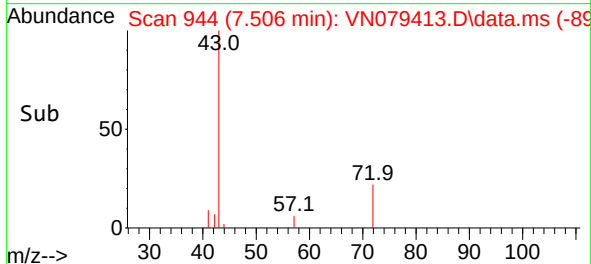
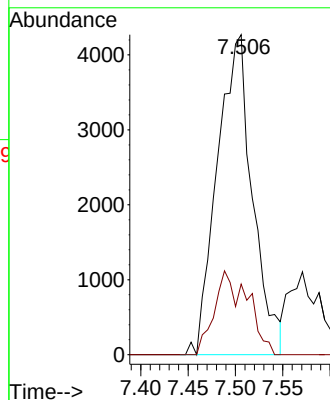
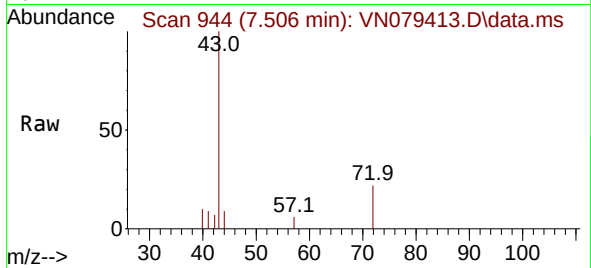




#25
2-Butanone
Concen: 10.382 ug/l
RT: 7.506 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN079413.D
Acq: 04 Oct 2023 19:12

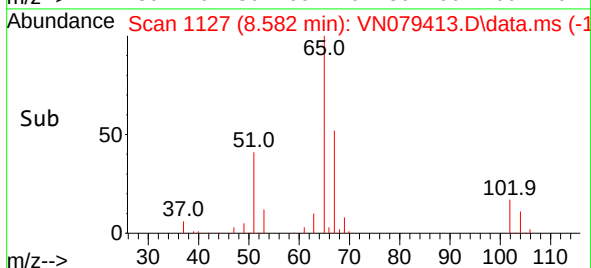
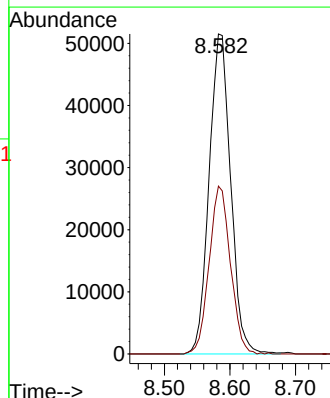
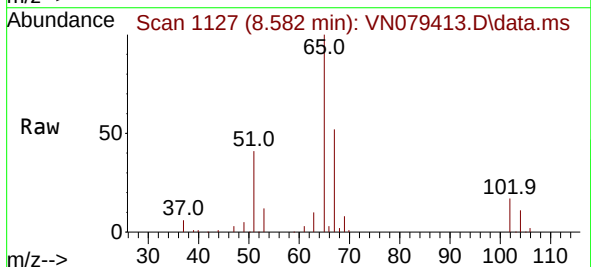
Instrument :
MSVOA_N
ClientSampleId :
TP-2

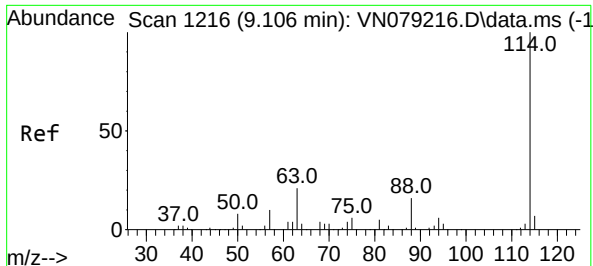
Tgt Ion: 43 Resp: 11047
Ion Ratio Lower Upper
43 100
72 22.0 30.2 45.2#



#33
1,2-Dichloroethane-d4
Concen: 67.993 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN079413.D
Acq: 04 Oct 2023 19:12

Tgt Ion: 65 Resp: 117407
Ion Ratio Lower Upper
65 100
67 51.9 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN079413.D

Acq: 04 Oct 2023 19:12

Instrument :

MSVOA_N

ClientSampleId :

TP-2

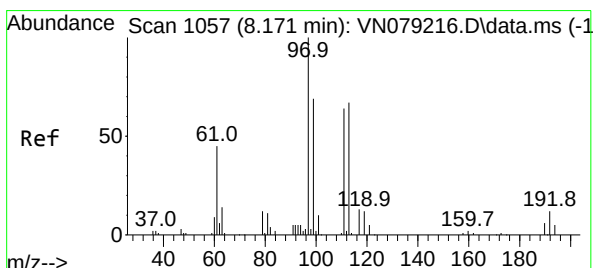
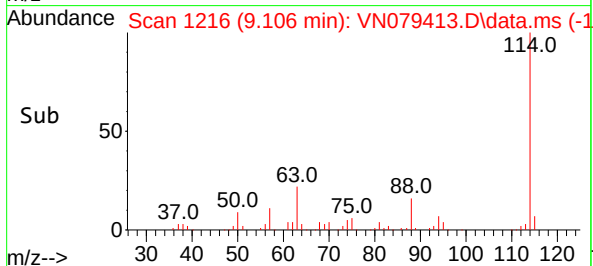
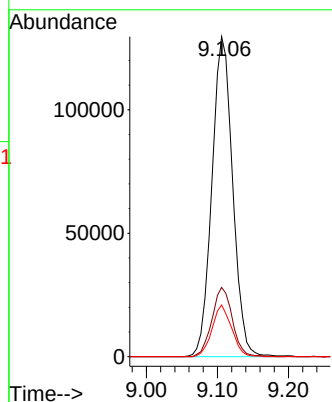
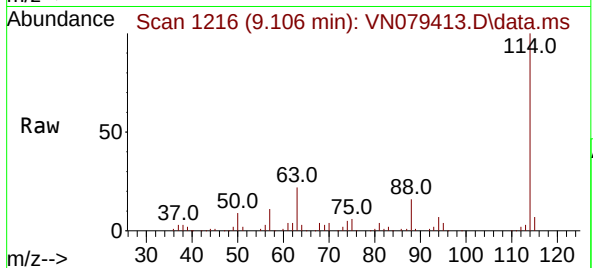
Tgt Ion:114 Resp: 262860

Ion Ratio Lower Upper

114 100

63 21.6 0.0 36.4

88 16.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.146 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079413.D

Acq: 04 Oct 2023 19:12

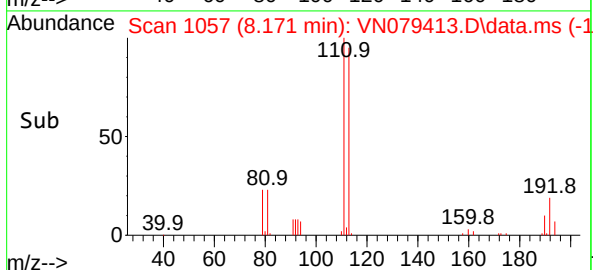
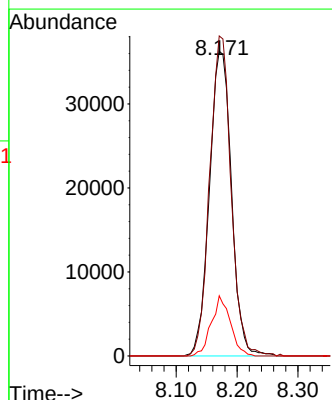
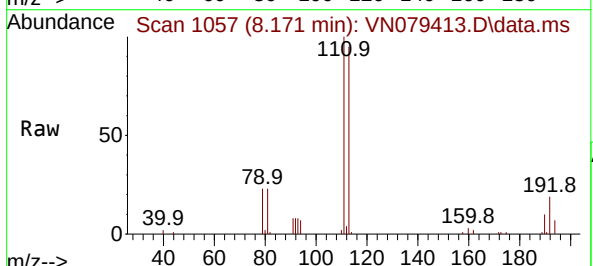
Tgt Ion:113 Resp: 91177

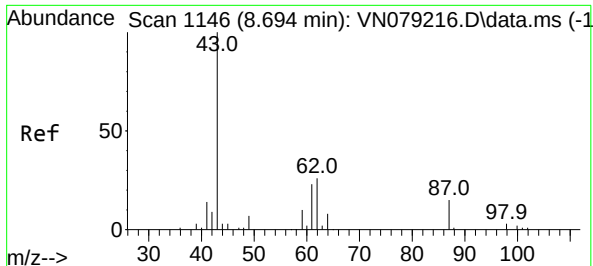
Ion Ratio Lower Upper

113 100

111 101.5 82.6 123.8

192 17.1 12.7 19.1

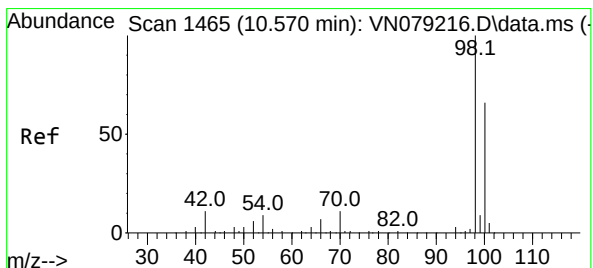
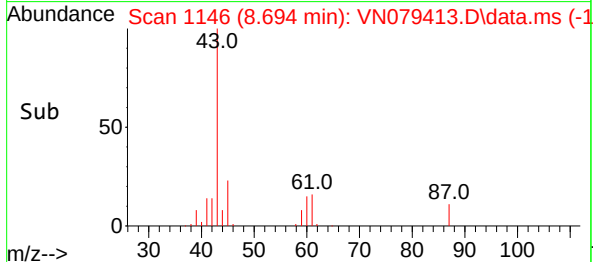
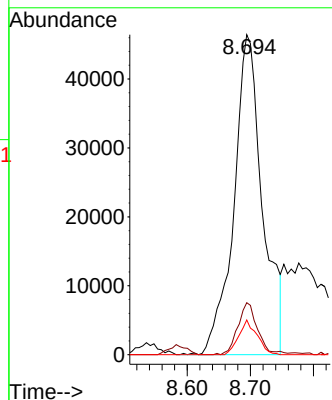
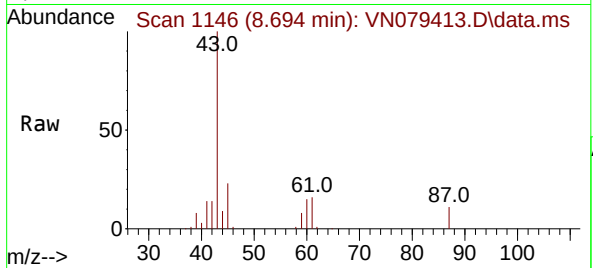




#43
Isopropyl Acetate
Concen: 33.331 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079413.D
Acq: 04 Oct 2023 19:12

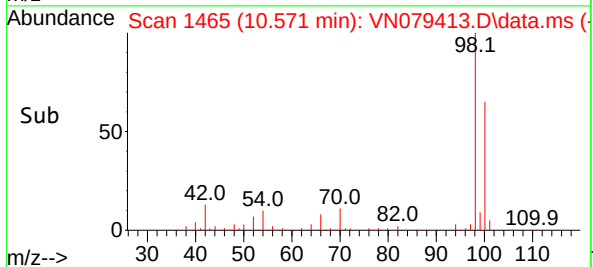
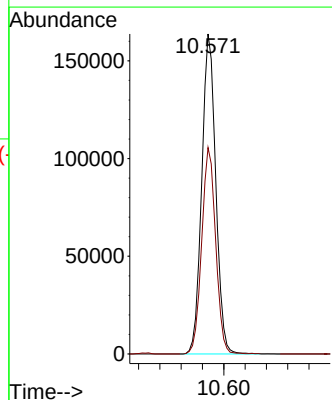
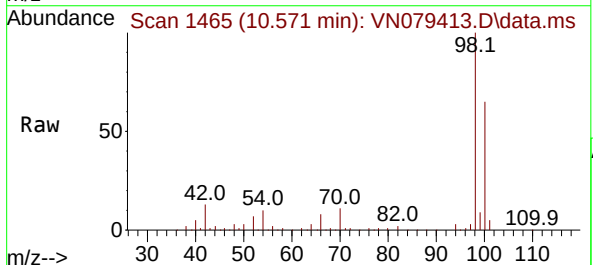
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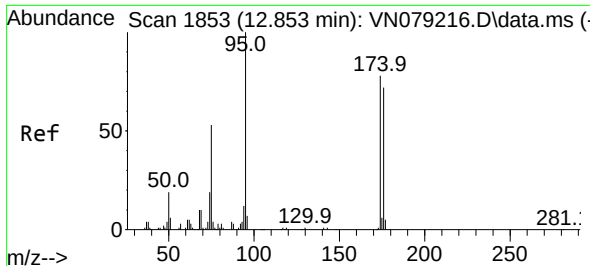
Tgt Ion: 43 Resp: 146195
Ion Ratio Lower Upper
43 100
61 11.2 24.7 37.1#
87 6.9 14.6 21.8#



#50
Toluene-d8
Concen: 46.520 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079413.D
Acq: 04 Oct 2023 19:12

Tgt Ion: 98 Resp: 298669
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0

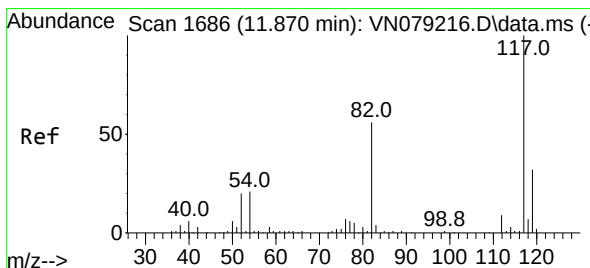
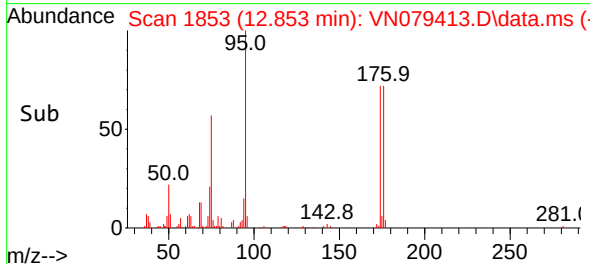
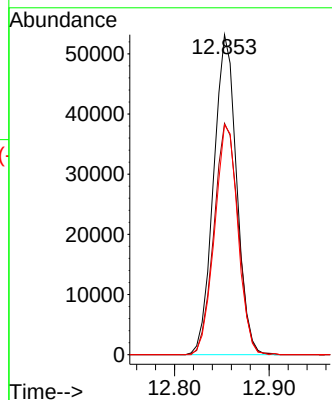
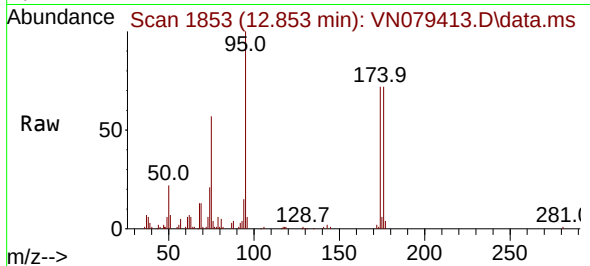




#62
4-Bromofluorobenzene
Concen: 43.796 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079413.D
Acq: 04 Oct 2023 19:12

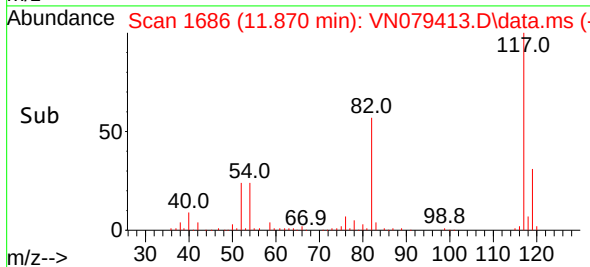
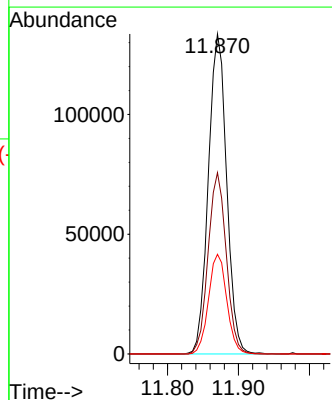
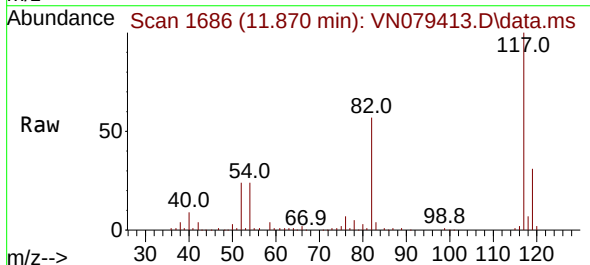
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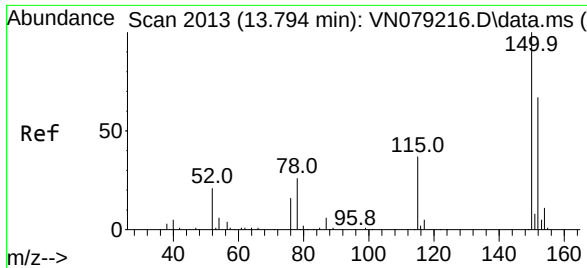
Tgt Ion: 95 Resp: 89690
Ion Ratio Lower Upper
95 100
174 76.2 0.0 143.8
176 72.7 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN079413.D
Acq: 04 Oct 2023 19:12

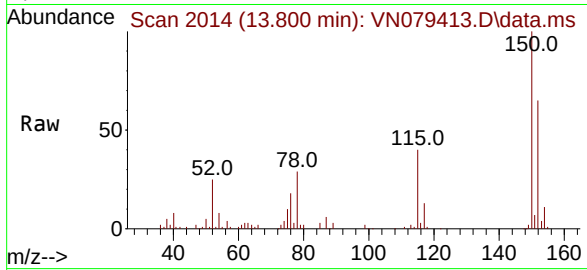
Tgt Ion: 117 Resp: 239540
Ion Ratio Lower Upper
117 100
82 56.7 44.0 66.0
119 31.1 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN079413.D
 Acq: 04 Oct 2023 19:12

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2



Tgt Ion:152 Resp: 59736
 Ion Ratio Lower Upper
 152 100
 115 61.4 32.3 96.8
 150 158.0 0.0 355.8

