

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101923\
 Data File : VN079612.D
 Acq On : 19 Oct 2023 12:26
 Operator : JC\MD
 Sample : PB156485TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB156485TB

Quant Time: Oct 20 01:28:03 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)

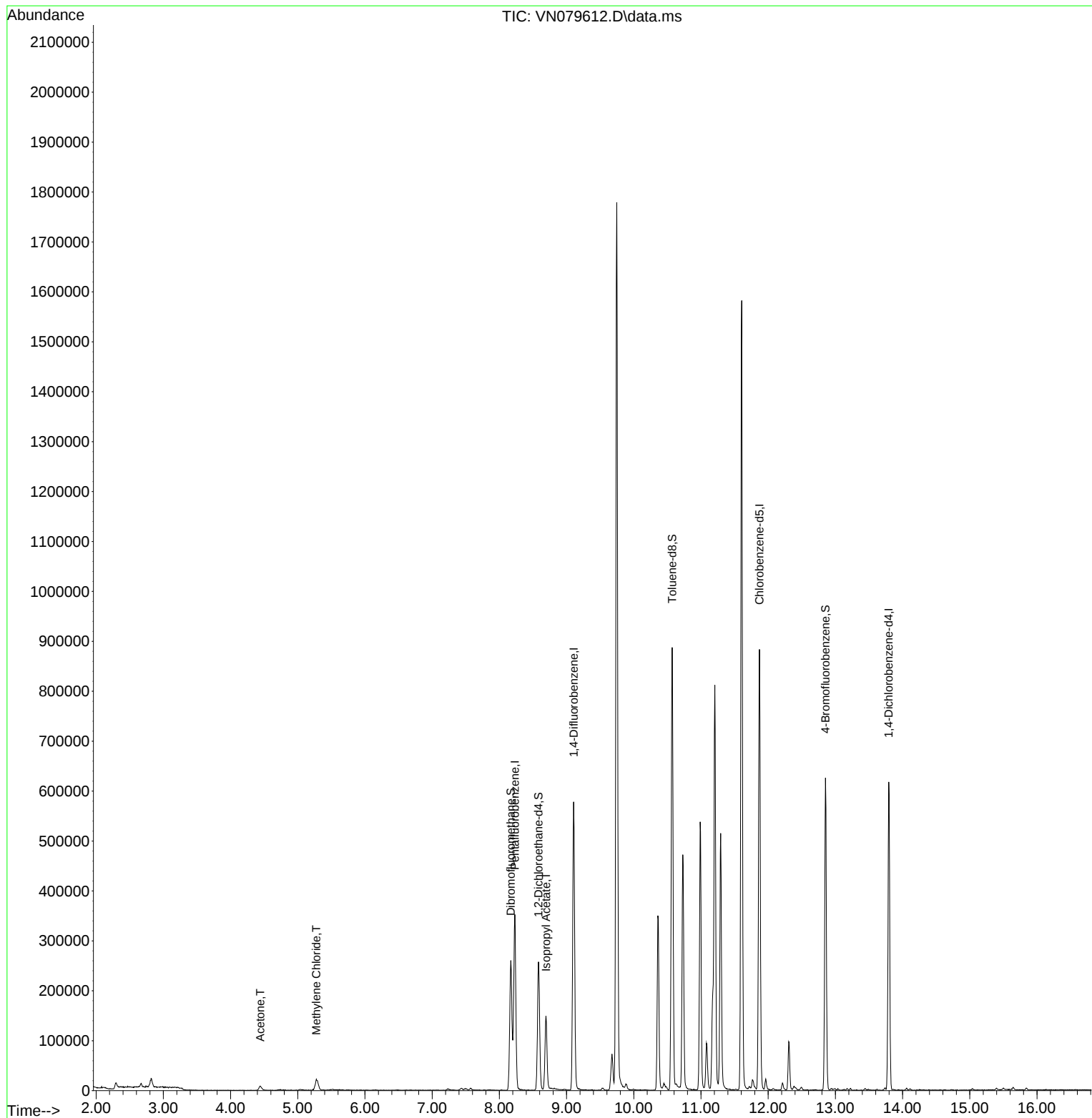
Internal Standards						
1) Pentafluorobenzene	8.229	168	243142	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	475816	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	499027	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	159974	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	204534	51.881	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 103.760%		
35) Dibromofluoromethane	8.171	113	185143	54.145	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 108.300%		
50) Toluene-d8	10.570	98	606855	49.049	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 98.100%		
62) 4-Bromofluorobenzene	12.853	95	210872	53.109	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 106.220%		
Target Compounds						
						Qvalue
16) Acetone	4.441	43	16664	10.657	ug/l #	79
20) Methylene Chloride	5.277	84	16387	4.235	ug/l #	73
43) Isopropyl Acetate	8.694	43	164410	18.377	ug/l #	82

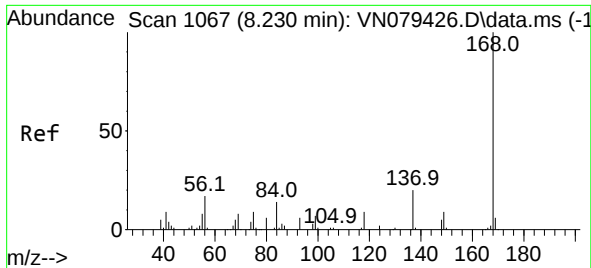
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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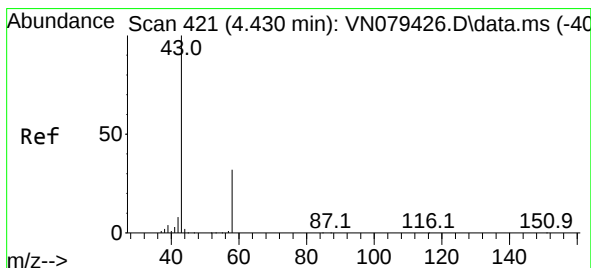
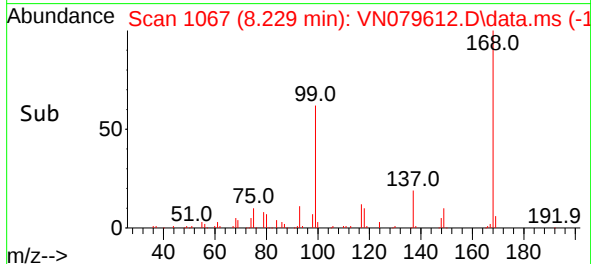
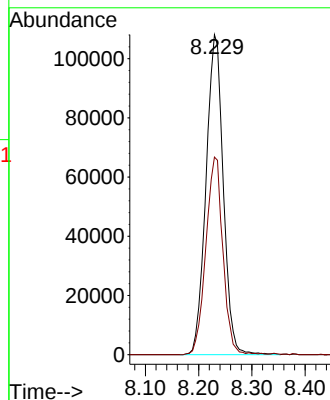
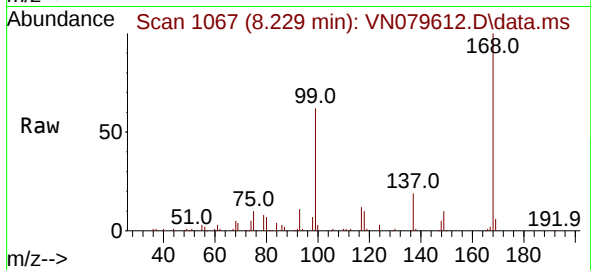




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN079612.D
Acq: 19 Oct 2023 12:26

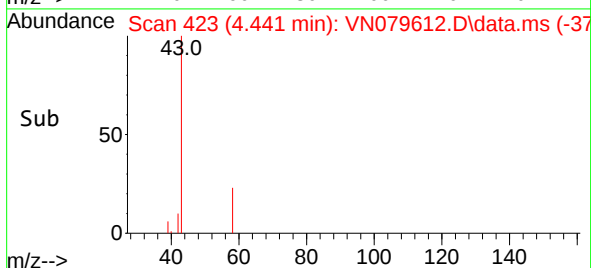
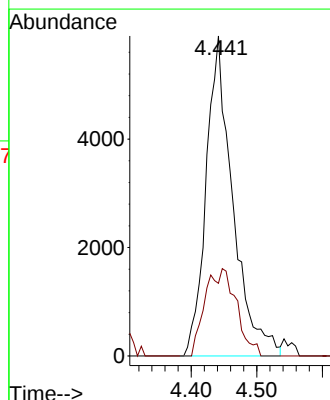
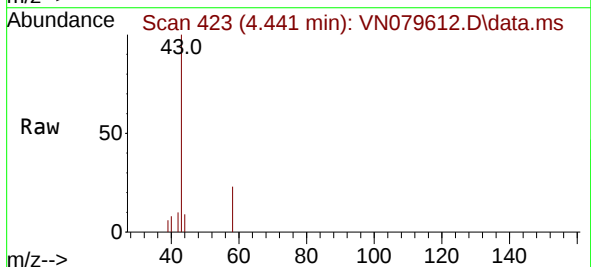
Instrument :
MSVOA_N
ClientSampleId :
PB156485TB

Tgt Ion:168 Resp: 243142
Ion Ratio Lower Upper
168 100
99 61.8 53.0 79.6



#16
Acetone
Concen: 10.657 ug/l
RT: 4.441 min Scan# 423
Delta R.T. 0.011 min
Lab File: VN079612.D
Acq: 19 Oct 2023 12:26

Tgt Ion: 43 Resp: 16664
Ion Ratio Lower Upper
43 100
58 22.7 28.0 42.0#

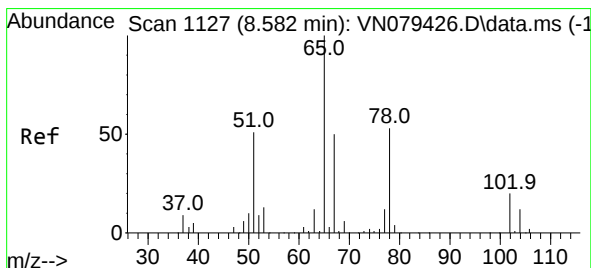
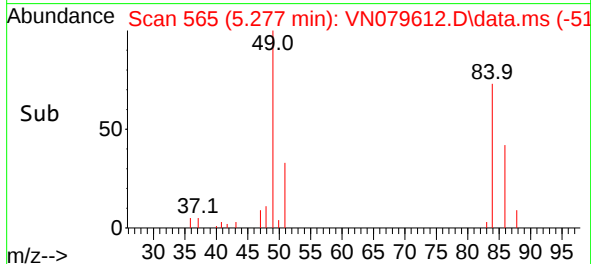
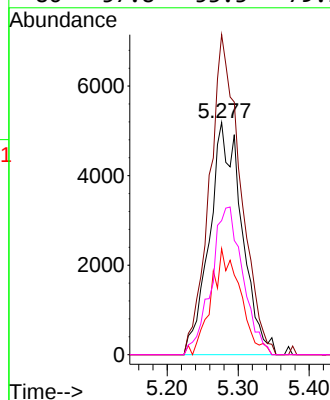
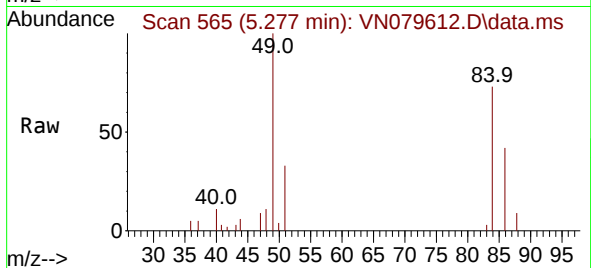




#20
Methylene Chloride
Concen: 4.235 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN079612.D
Acq: 19 Oct 2023 12:26

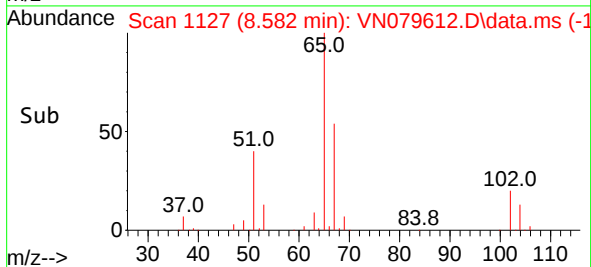
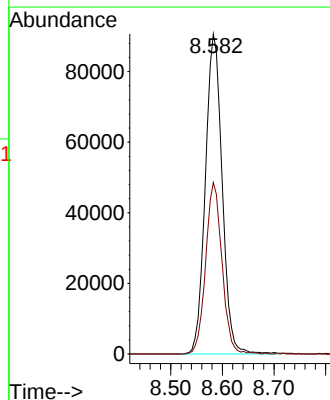
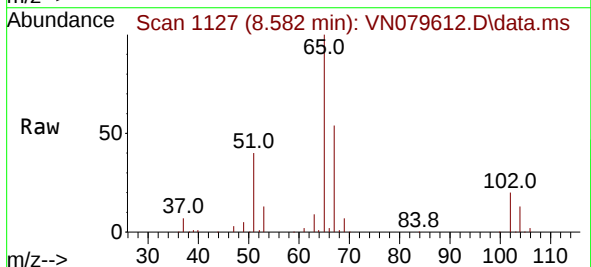
Instrument :
MSVOA_N
ClientSampleId :
PB156485TB

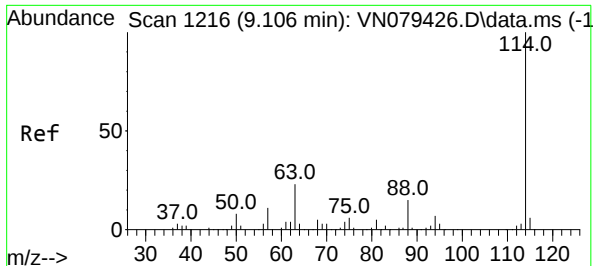
Tgt Ion:	84	Resp:	16387
Ion	Ratio	Lower	Upper
84	100		
49	137.9	79.7	119.5#
51	45.6	25.2	37.8#
86	57.8	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: 51.881 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079612.D
Acq: 19 Oct 2023 12:26

Tgt Ion:	65	Resp:	204534
Ion	Ratio	Lower	Upper
65	100		
67	52.0	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: VN079612.D

Acq: 19 Oct 2023 12:26

Instrument :

MSVOA_N

ClientSampleId :

PB156485TB

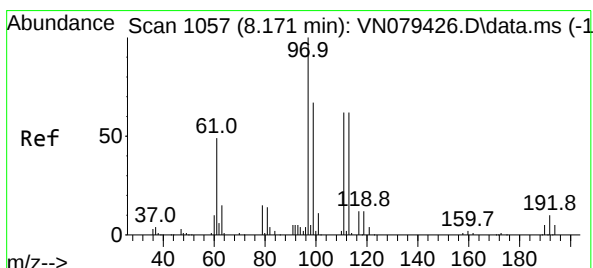
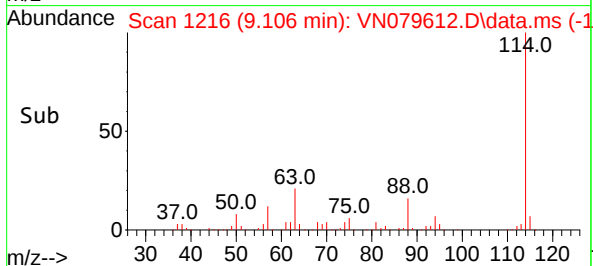
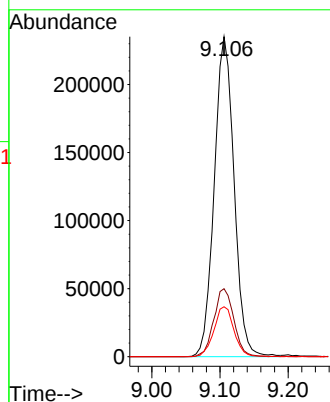
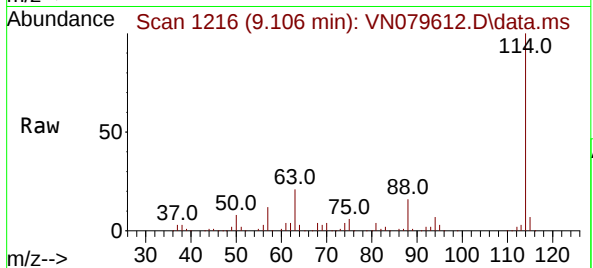
Tgt Ion:114 Resp: 475816

Ion Ratio Lower Upper

114 100

63 21.3 0.0 36.4

88 15.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.145 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079612.D

Acq: 19 Oct 2023 12:26

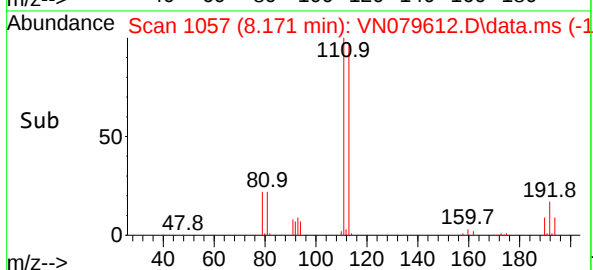
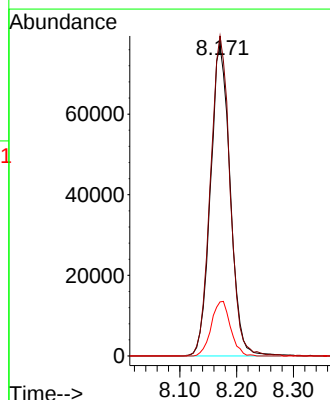
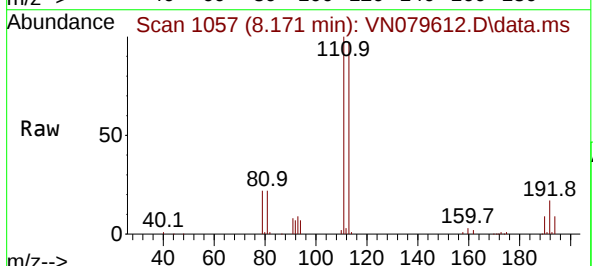
Tgt Ion:113 Resp: 185143

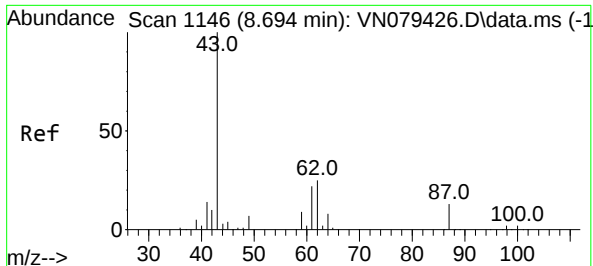
Ion Ratio Lower Upper

113 100

111 102.5 82.6 123.8

192 17.2 12.7 19.1

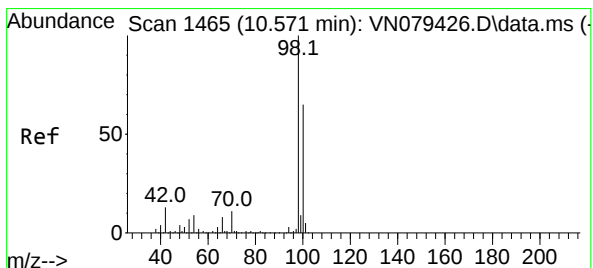
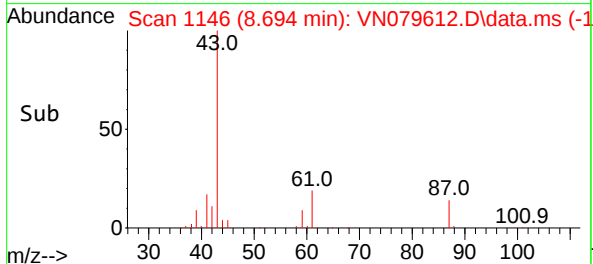
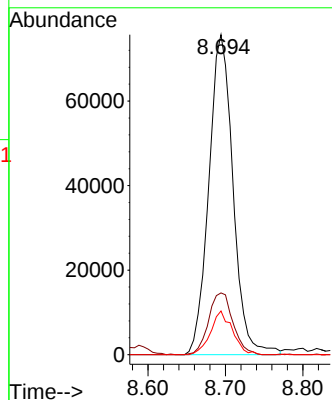
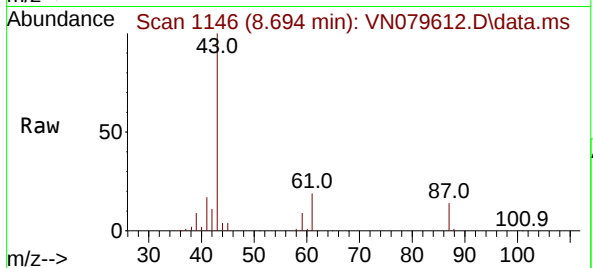




#43
Isopropyl Acetate
Concen: 18.377 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN079612.D
Acq: 19 Oct 2023 12:26

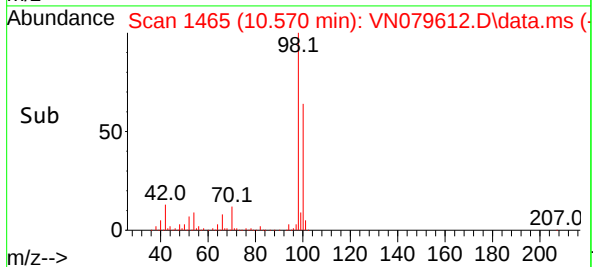
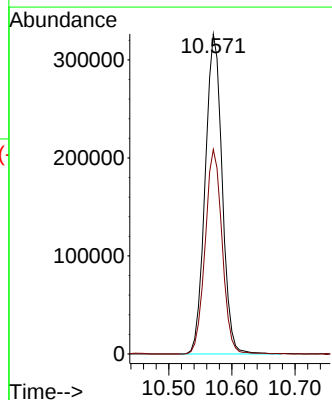
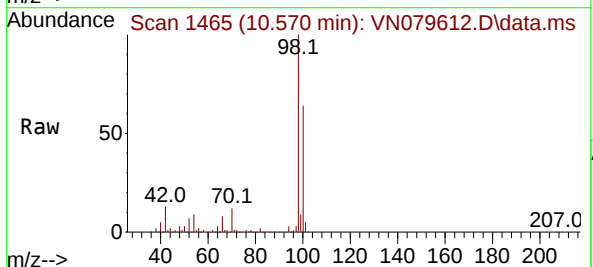
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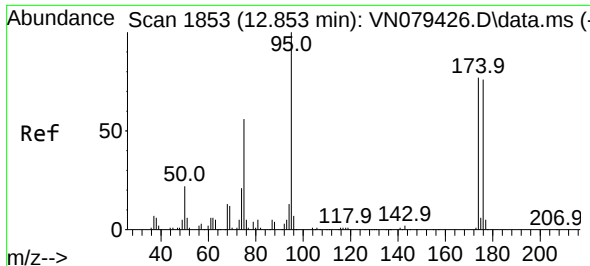
Tgt Ion: 43 Resp: 164410
Ion Ratio Lower Upper
43 100
61 19.5 24.7 37.1#
87 12.4 14.6 21.8#



#50
Toluene-d8
Concen: 49.049 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079612.D
Acq: 19 Oct 2023 12:26

Tgt Ion: 98 Resp: 606855
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0

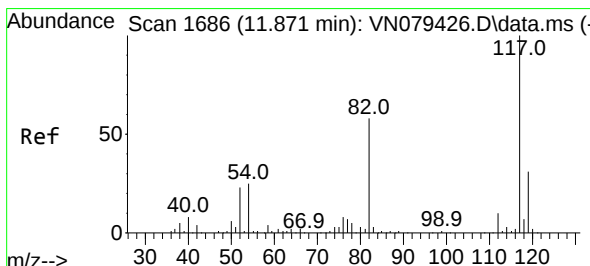
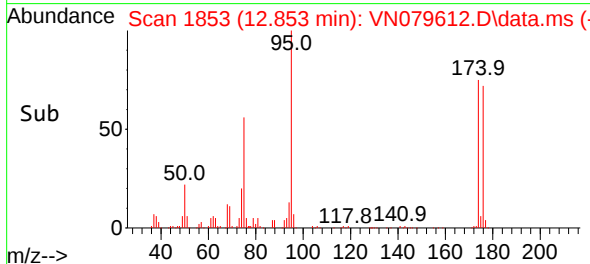
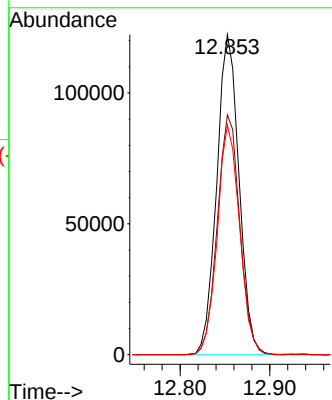
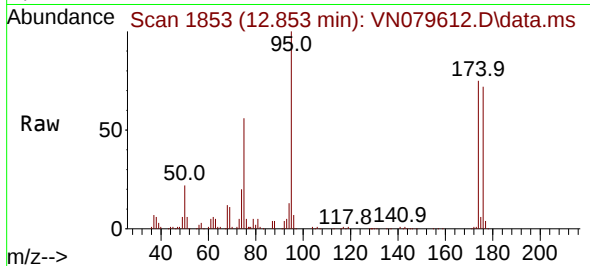




#62
4-Bromofluorobenzene
Concen: 53.109 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079612.D
Acq: 19 Oct 2023 12:26

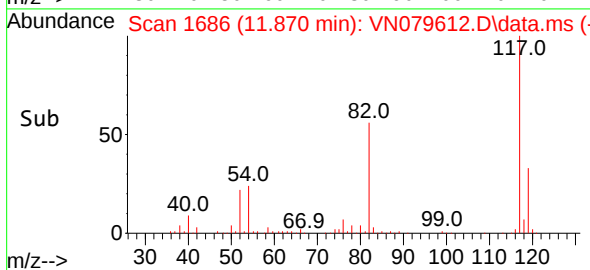
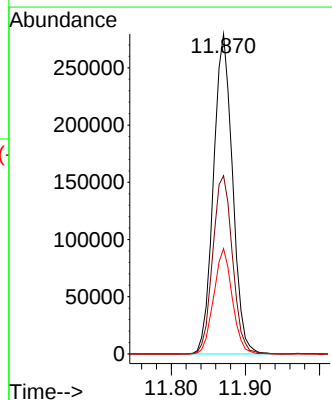
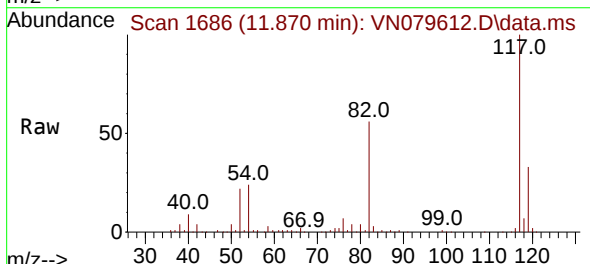
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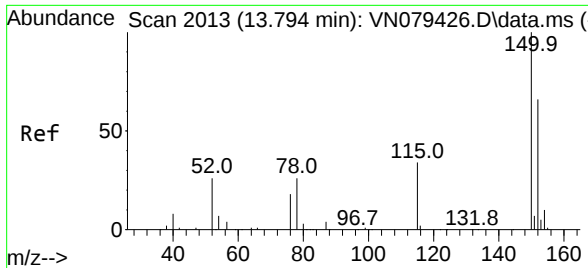
Tgt Ion: 95 Resp: 210872
Ion Ratio Lower Upper
95 100
174 75.7 0.0 143.8
176 71.6 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079612.D
Acq: 19 Oct 2023 12:26

Tgt Ion: 117 Resp: 499027
Ion Ratio Lower Upper
117 100
82 55.7 44.0 66.0
119 32.9 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: VN079612.D
 Acq: 19 Oct 2023 12:26

Instrument :
 MSVOA_N
 ClientSampleId :
 PB156485TB

Tgt Ion:152 Resp: 159974
 Ion Ratio Lower Upper
 152 100
 115 61.8 32.3 96.8
 150 160.9 0.0 355.8

