

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101923\
 Data File : VN079614.D
 Acq On : 19 Oct 2023 13:14
 Operator : JC\MD
 Sample : 04919-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LSS-B5-COMP-101723

Quant Time: Oct 20 01:28:54 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)

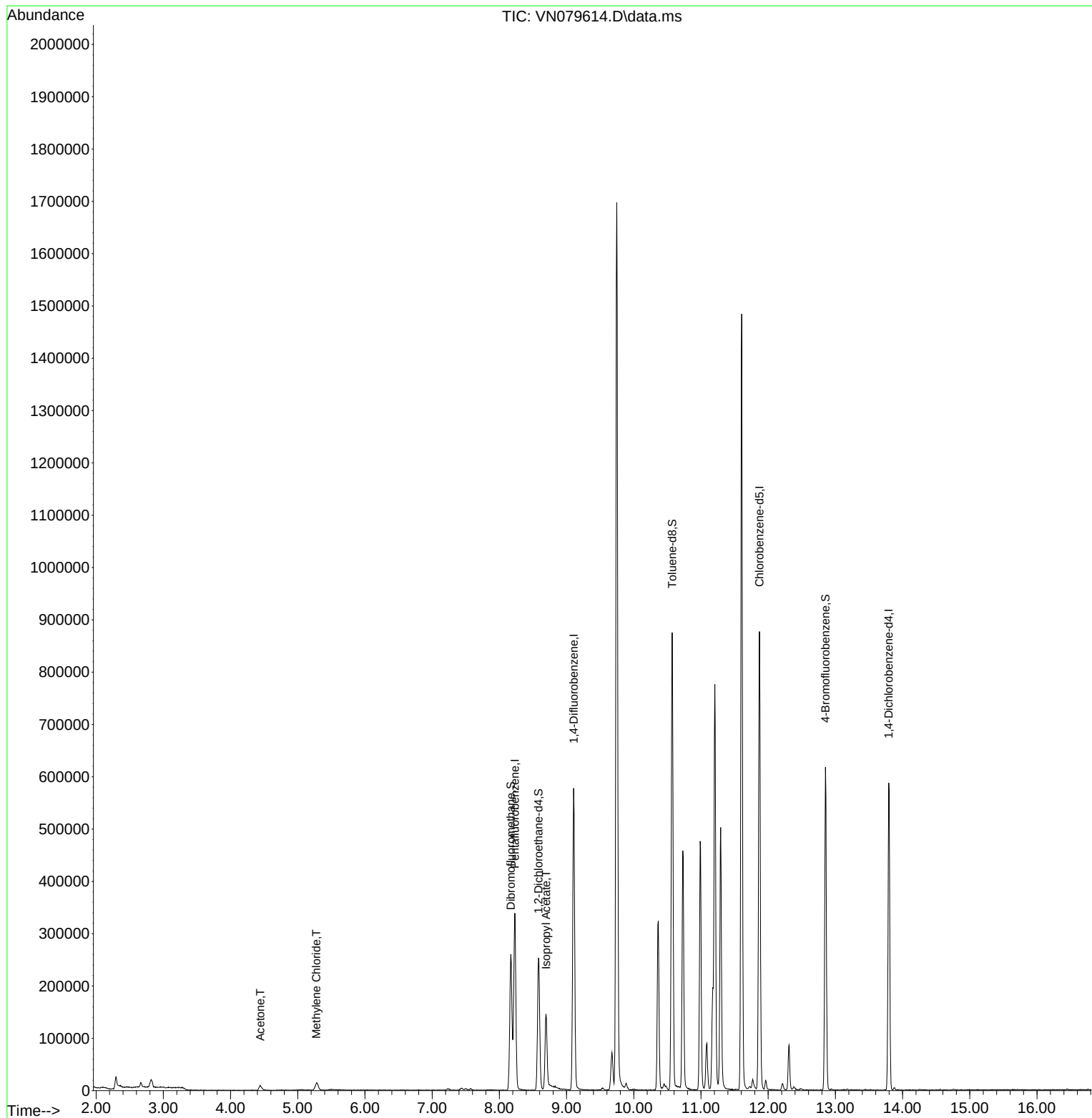
Internal Standards						
1) Pentafluorobenzene	8.229	168	230628	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	473234	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	493041	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	155524	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	205167	54.866	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.740%	
35) Dibromofluoromethane	8.171	113	180531	53.084	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.160%	
50) Toluene-d8	10.570	98	590419	47.981	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 95.960%	
62) 4-Bromofluorobenzene	12.853	95	202711	51.332	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.660%	
Target Compounds						Qvalue
16) Acetone	4.441	43	16383	11.046	ug/l #	85
20) Methylene Chloride	5.277	84	10475	2.655	ug/l #	84
43) Isopropyl Acetate	8.694	43	165029	18.547	ug/l #	80

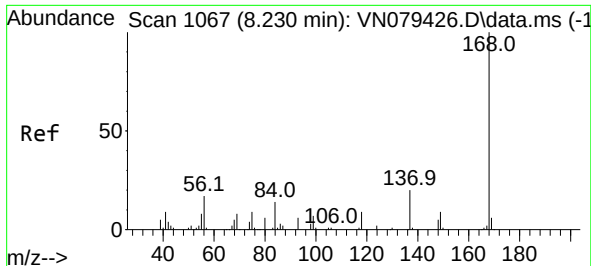
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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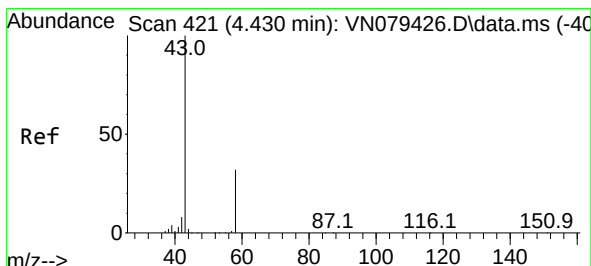
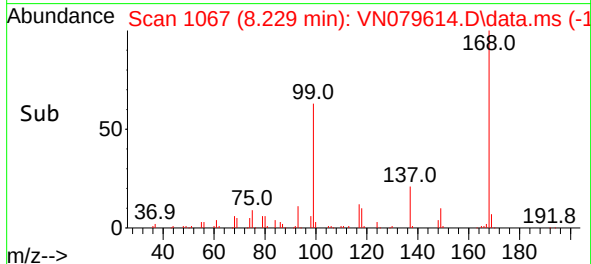
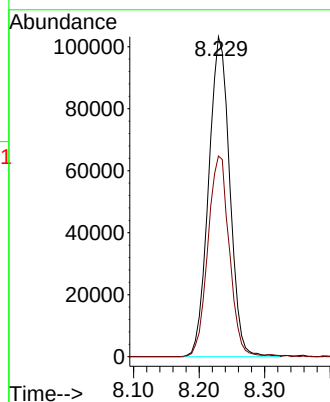
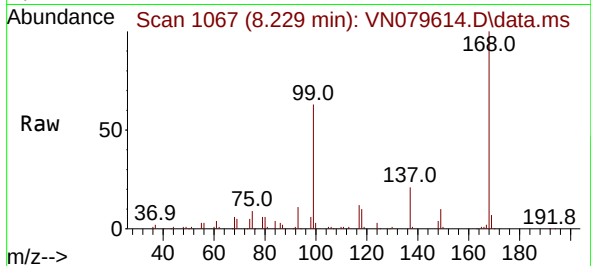




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN079614.D
Acq: 19 Oct 2023 13:14

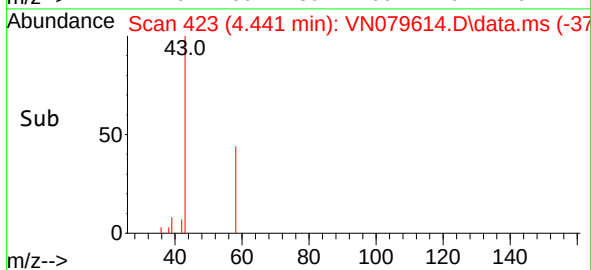
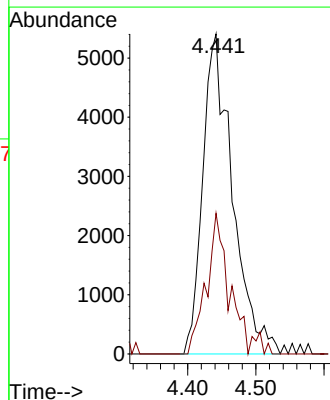
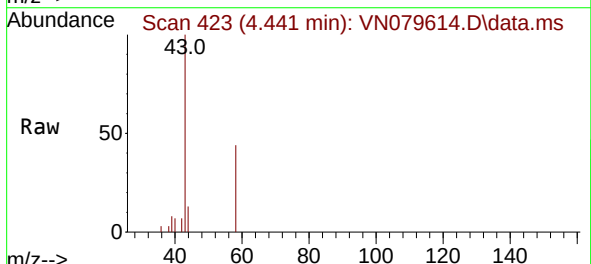
Instrument :
MSVOA_N
ClientSampleId :
LSS-B5-COMP-101723

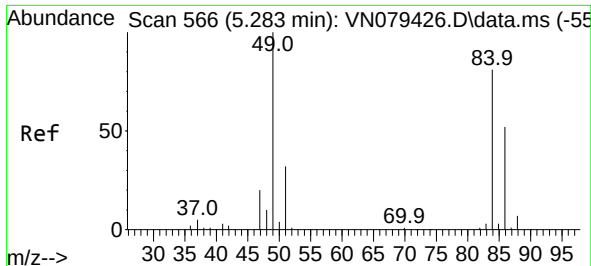
Tgt Ion:168 Resp: 230628
Ion Ratio Lower Upper
168 100
99 62.7 53.0 79.6



#16
Acetone
Concen: 11.046 ug/l
RT: 4.441 min Scan# 423
Delta R.T. 0.011 min
Lab File: VN079614.D
Acq: 19 Oct 2023 13:14

Tgt Ion: 43 Resp: 16383
Ion Ratio Lower Upper
43 100
58 43.9 28.0 42.0#

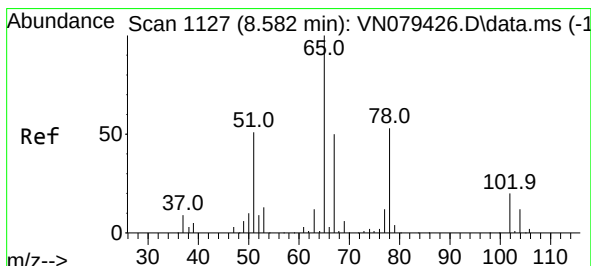
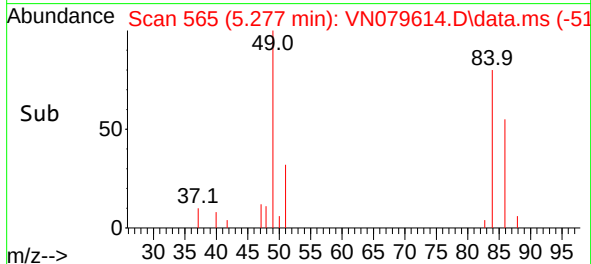
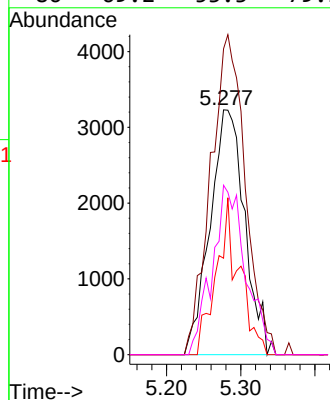
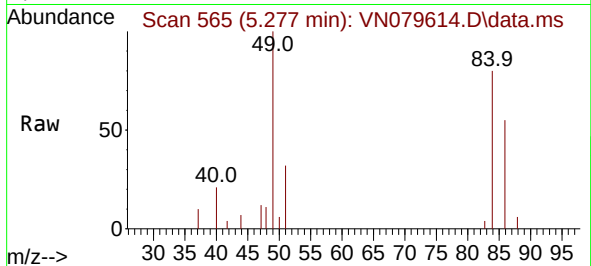




#20
Methylene Chloride
Concen: 2.655 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN079614.D
Acq: 19 Oct 2023 13:14

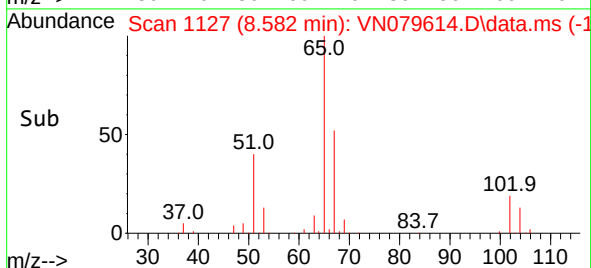
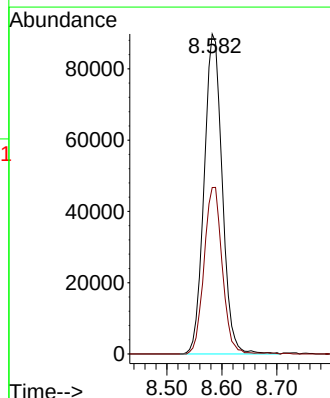
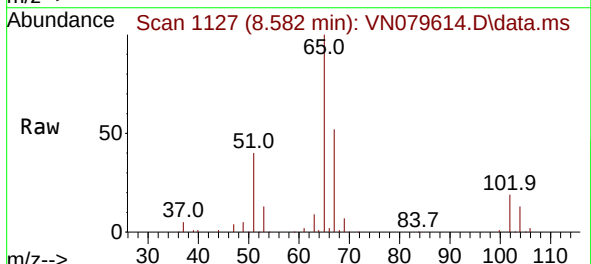
Instrument :
MSVOA_N
ClientSampleId :
LSS-B5-COMP-101723

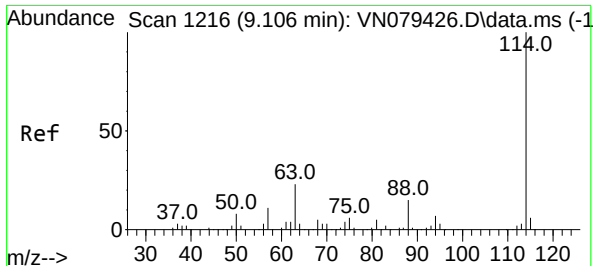
Tgt Ion: 84	Resp: 10475
Ion Ratio	Lower Upper
84 100	
49 125.0	79.7 119.5#
51 39.4	25.2 37.8#
86 69.2	53.3 79.9



#33
1,2-Dichloroethane-d4
Concen: 54.866 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079614.D
Acq: 19 Oct 2023 13:14

Tgt Ion: 65	Resp: 205167
Ion Ratio	Lower Upper
65 100	
67 52.2	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: VN079614.D

Acq: 19 Oct 2023 13:14

Instrument :

MSVOA_N

ClientSampleId :

LSS-B5-COMP-101723

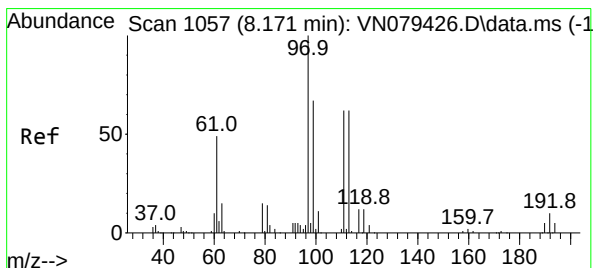
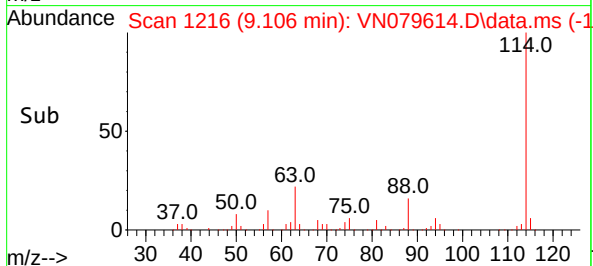
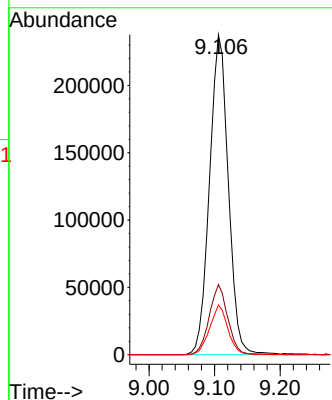
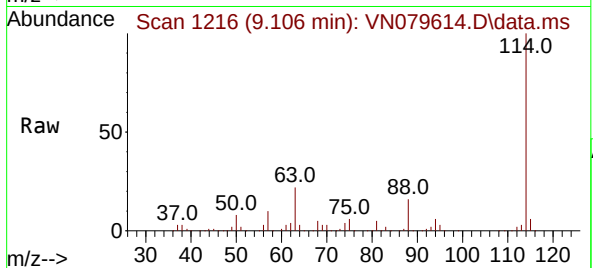
Tgt Ion:114 Resp: 473234

Ion Ratio Lower Upper

114 100

63 21.9 0.0 36.4

88 15.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.084 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079614.D

Acq: 19 Oct 2023 13:14

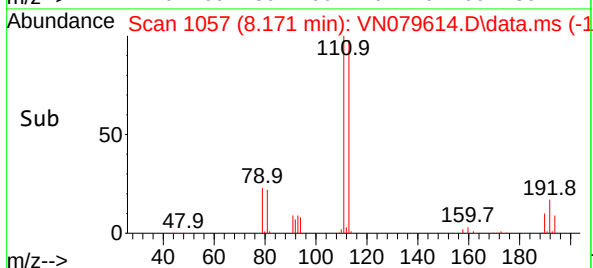
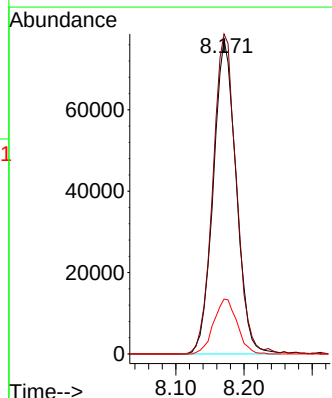
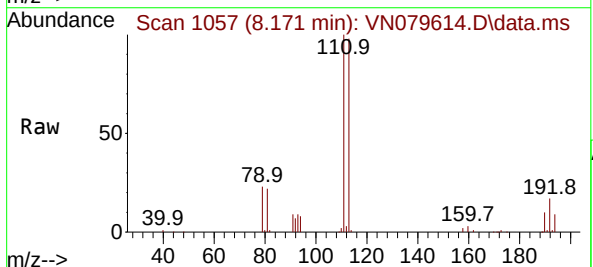
Tgt Ion:113 Resp: 180531

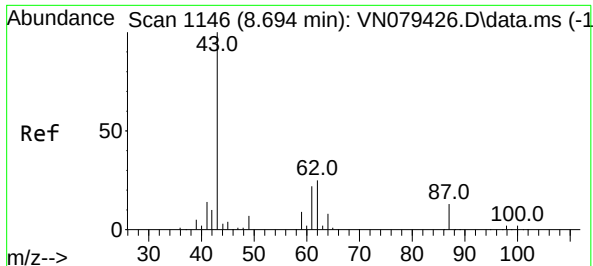
Ion Ratio Lower Upper

113 100

111 104.2 82.6 123.8

192 17.9 12.7 19.1

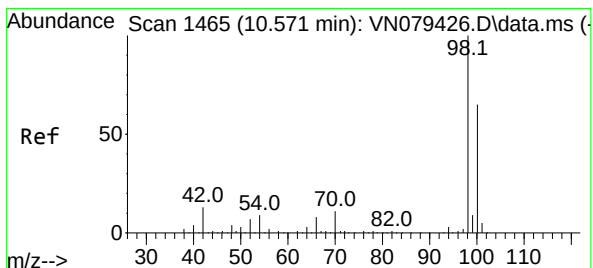
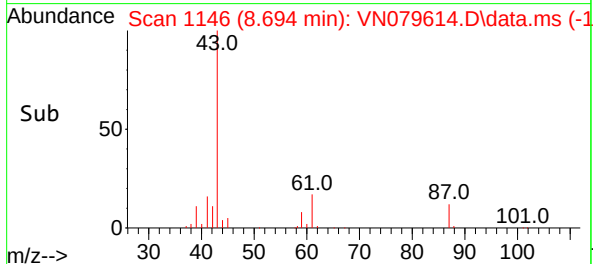
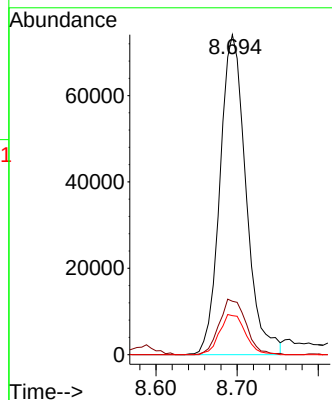
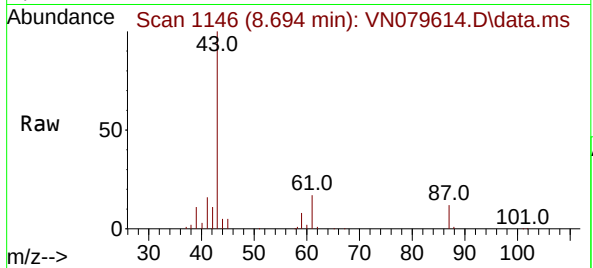




#43
Isopropyl Acetate
Concen: 18.547 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN079614.D
Acq: 19 Oct 2023 13:14

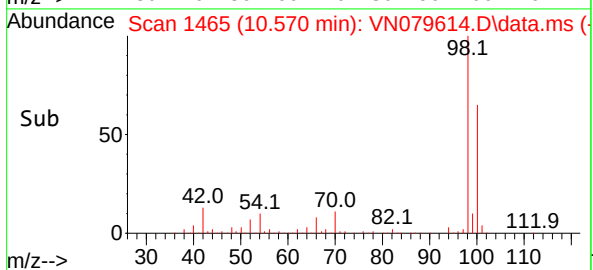
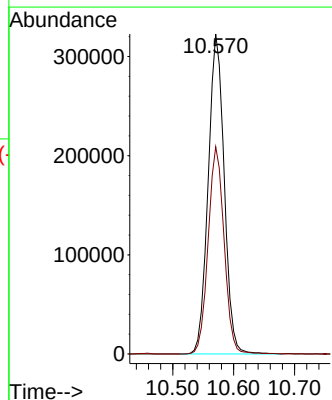
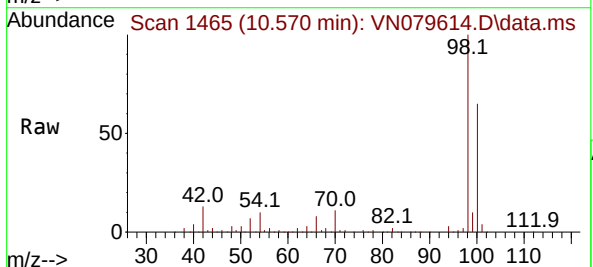
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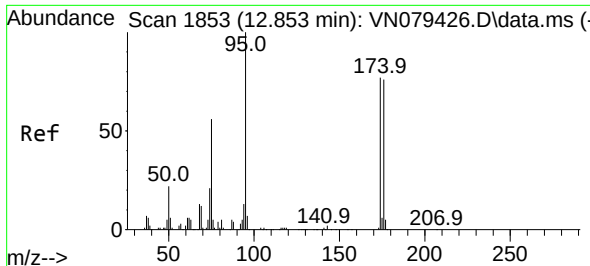
Tgt Ion: 43 Resp: 165029
Ion Ratio Lower Upper
43 100
61 17.9 24.7 37.1#
87 12.5 14.6 21.8#



#50
Toluene-d8
Concen: 47.981 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079614.D
Acq: 19 Oct 2023 13:14

Tgt Ion: 98 Resp: 590419
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0

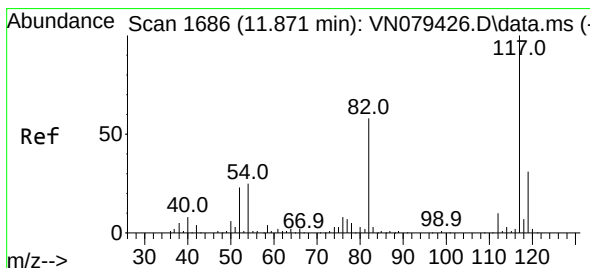
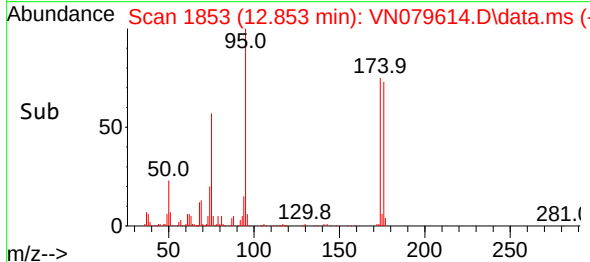
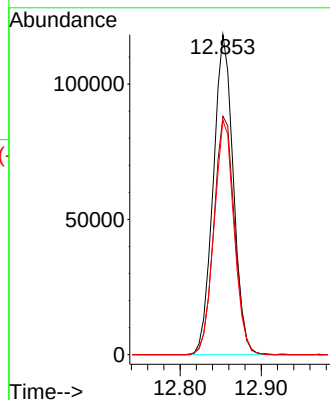
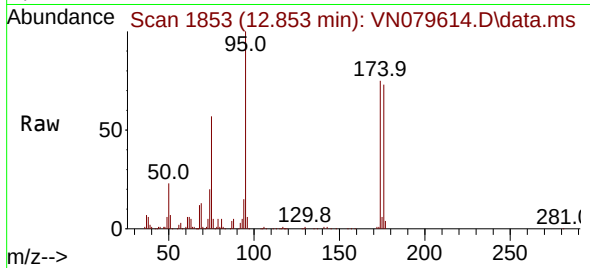




#62
4-Bromofluorobenzene
Concen: 51.332 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079614.D
Acq: 19 Oct 2023 13:14

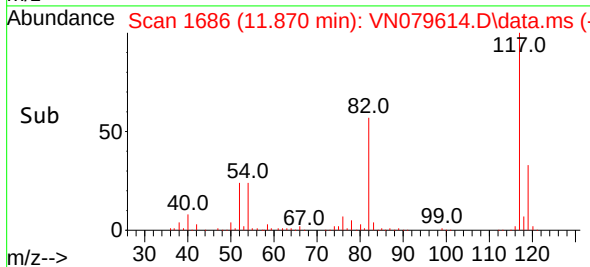
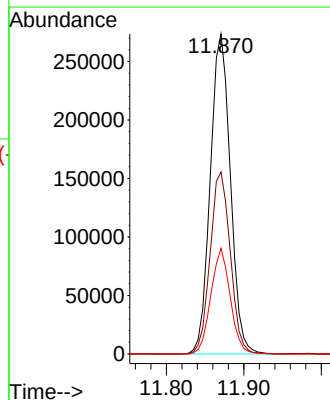
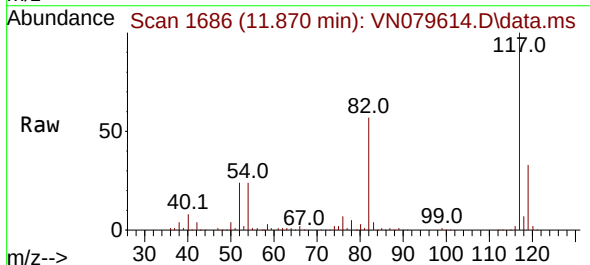
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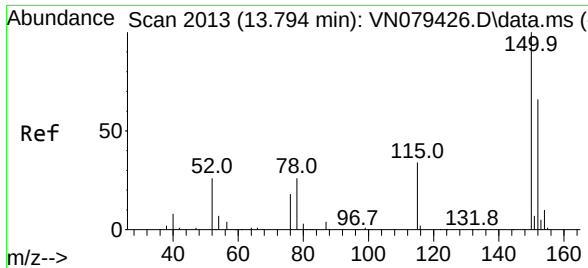
Tgt Ion: 95 Resp: 202711
Ion Ratio Lower Upper
95 100
174 76.9 0.0 143.8
176 73.5 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079614.D
Acq: 19 Oct 2023 13:14

Tgt Ion: 117 Resp: 493041
Ion Ratio Lower Upper
117 100
82 56.9 44.0 66.0
119 33.0 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: VN079614.D
 Acq: 19 Oct 2023 13:14

Instrument :
 MSVOA_N
 ClientSampleId :
 LSS-B5-COMP-101723

Tgt Ion:152 Resp: 155524
 Ion Ratio Lower Upper
 152 100
 115 62.1 32.3 96.8
 150 155.3 0.0 355.8

