

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061923\
 Data File : VN078279.D
 Acq On : 19 Jun 2023 15:00
 Operator : JC\MD
 Sample : 03310-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW11-GW-898-900

Quant Time: Jun 20 01:28:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

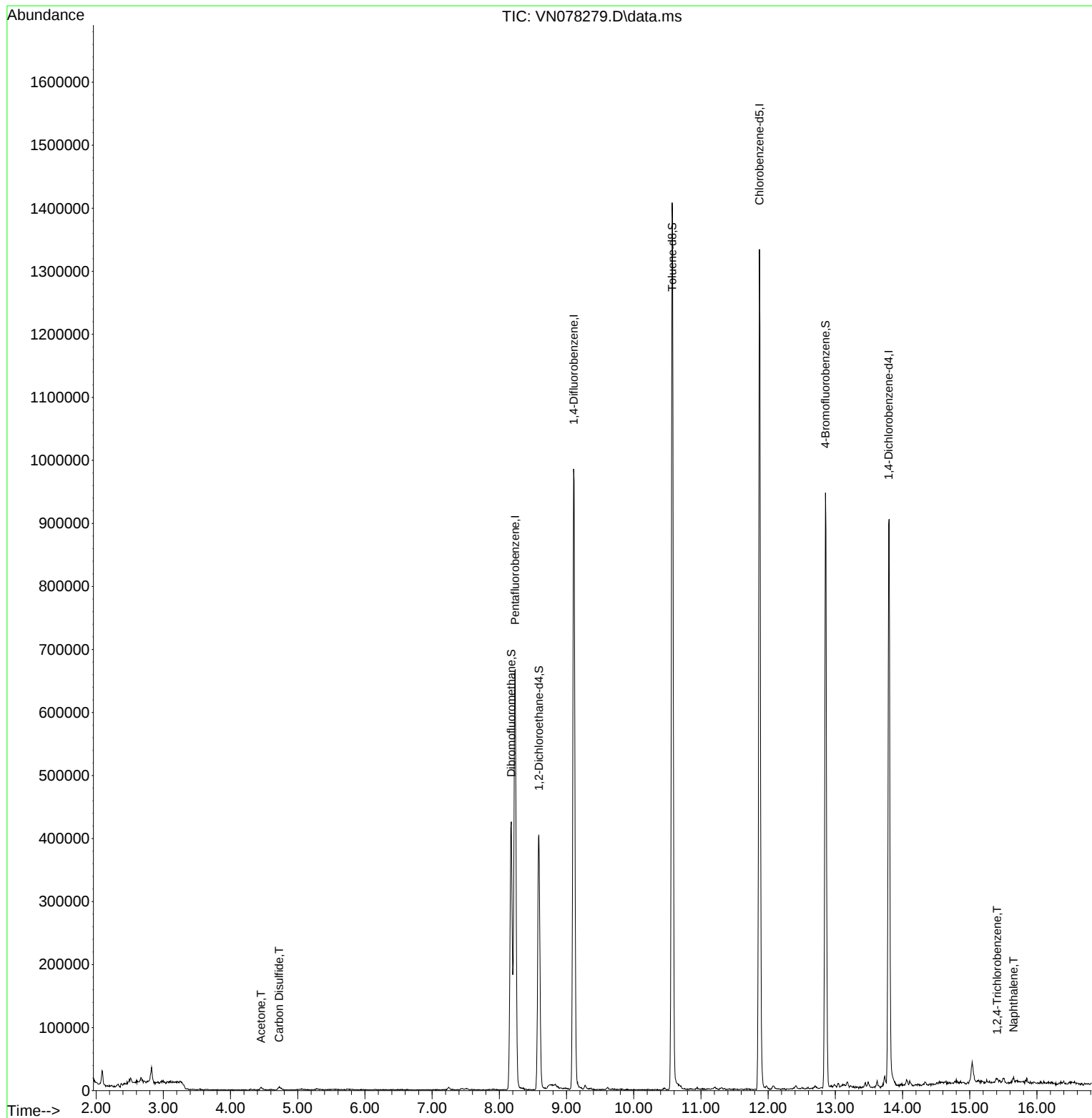
Internal Standards						
1) Pentafluorobenzene	8.236	168	484272	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	879572	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	779127	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	249763	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	342466	53.039	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.080%	
35) Dibromofluoromethane	8.177	113	303974	54.658	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.320%	
50) Toluene-d8	10.571	98	1032371	48.152	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.300%	
62) 4-Bromofluorobenzene	12.853	95	335376	50.318	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.640%	
Target Compounds						
					Qvalue	
16) Acetone	4.453	43	6963	3.747	ug/l #	79
17) Carbon Disulfide	4.724	76	7078	0.520	ug/l	100
93) 1,2,4-Trichlorobenzene	15.406	180	2503	0.775	ug/l	84
95) Naphthalene	15.653	128	7703	0.709	ug/l #	91

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

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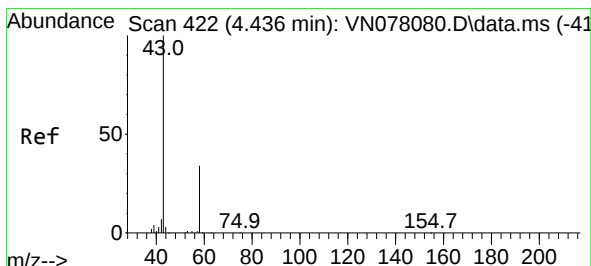
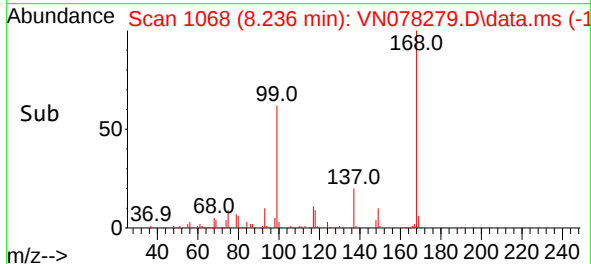
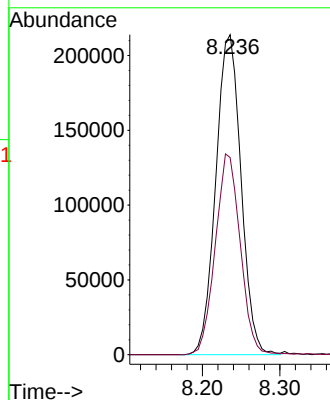
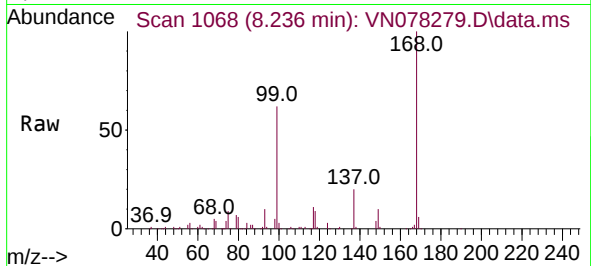




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1
Delta R.T. 0.001 min
Lab File: VN078279.D
Acq: 19 Jun 2023 15:00

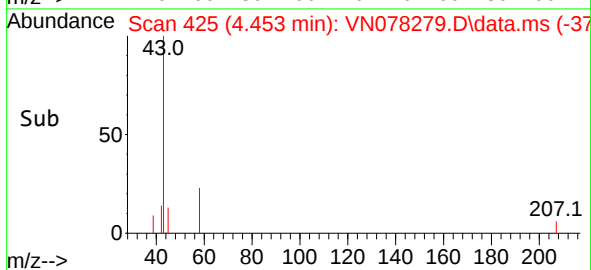
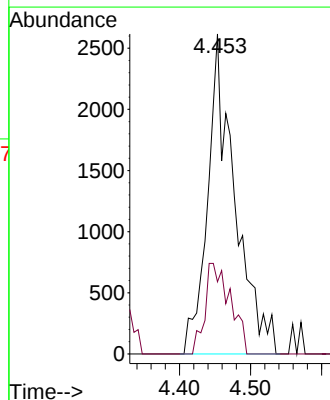
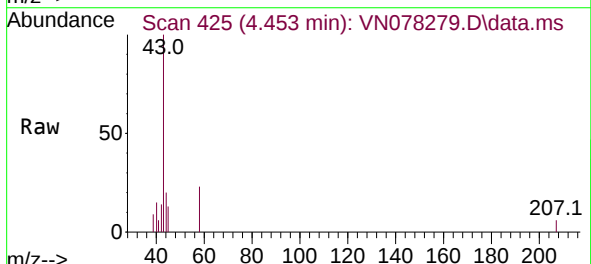
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-898-900

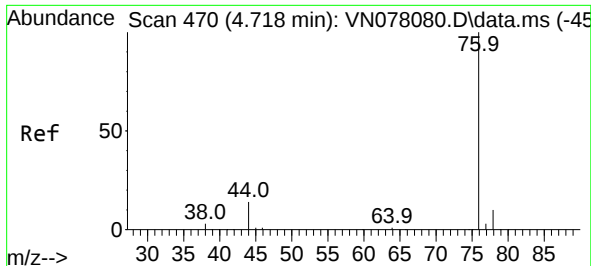
Tgt Ion:168 Resp: 484272
Ion Ratio Lower Upper
168 100
99 61.6 53.0 79.6



#16
Acetone
Concen: 3.747 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.018 min
Lab File: VN078279.D
Acq: 19 Jun 2023 15:00

Tgt Ion: 43 Resp: 6963
Ion Ratio Lower Upper
43 100
58 22.5 28.0 42.0#

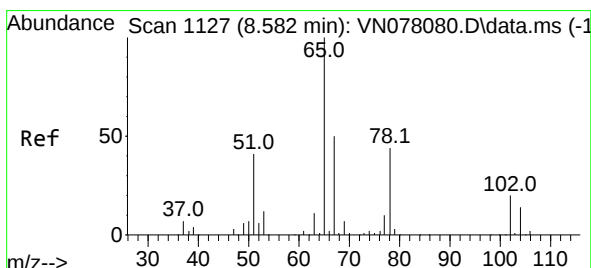
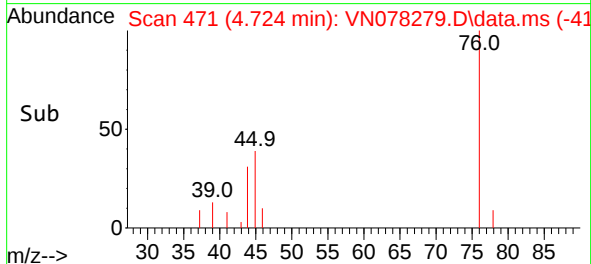
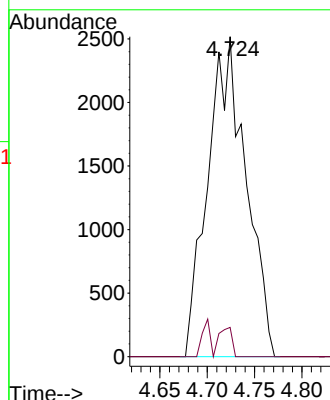
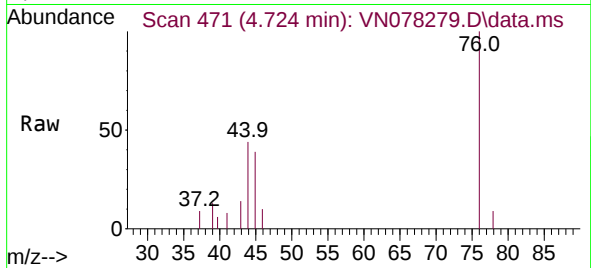




#17
Carbon Disulfide
Concen: 0.520 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN078279.D
Acq: 19 Jun 2023 15:00

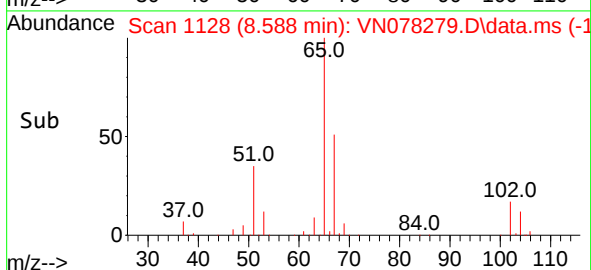
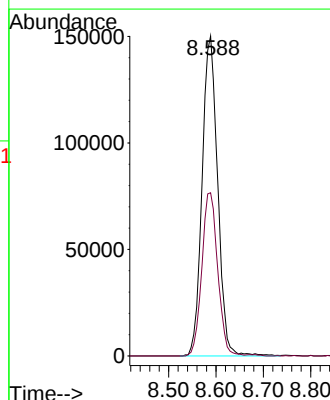
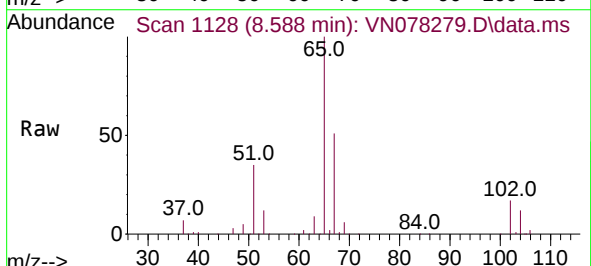
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-898-900

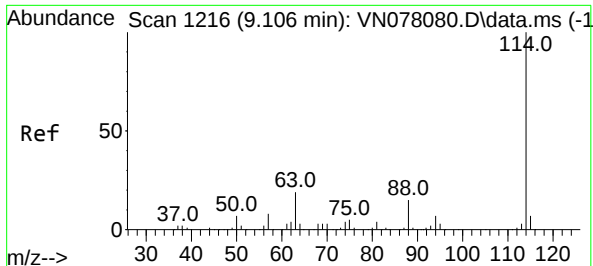
Tgt Ion: 76 Resp: 7078
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#33
1,2-Dichloroethane-d4
Concen: 53.039 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078279.D
Acq: 19 Jun 2023 15:00

Tgt Ion: 65 Resp: 342466
Ion Ratio Lower Upper
65 100
67 51.9 0.0 106.6

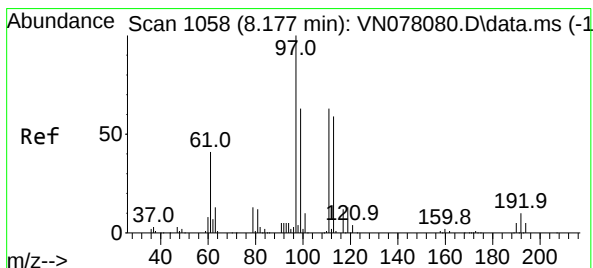
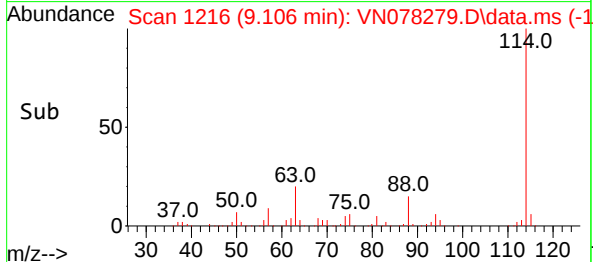
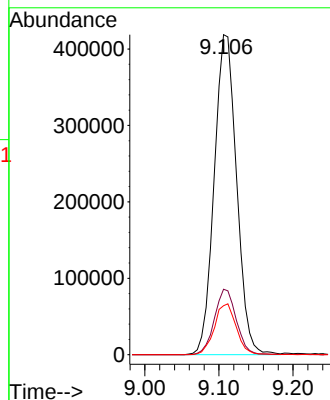
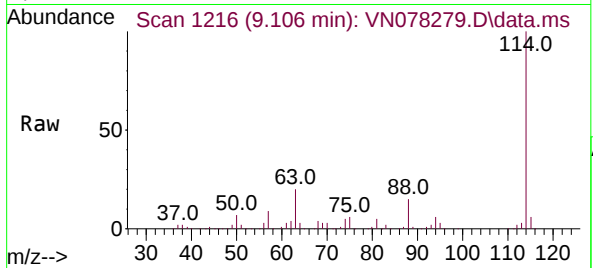




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078279.D
Acq: 19 Jun 2023 15:00

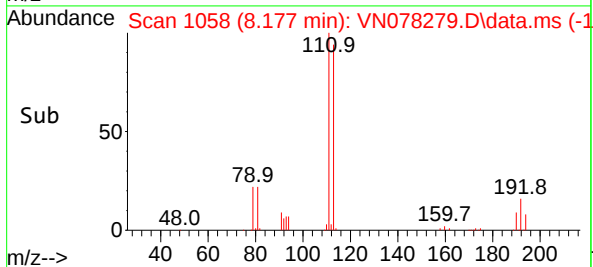
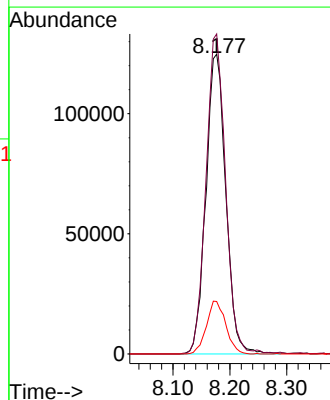
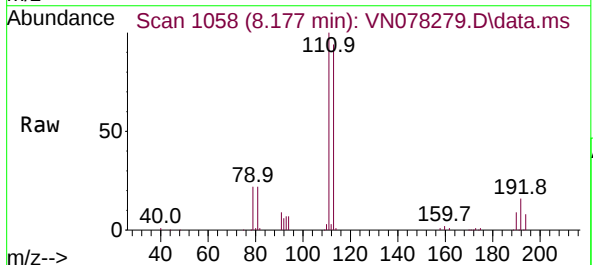
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-898-900

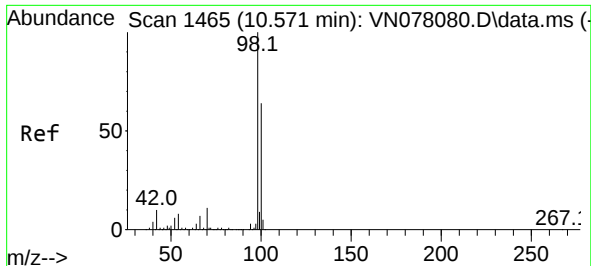
Tgt Ion:114 Resp: 879572
Ion Ratio Lower Upper
114 100
63 20.4 0.0 36.4
88 15.3 0.0 30.6



#35
Dibromofluoromethane
Concen: 54.658 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN078279.D
Acq: 19 Jun 2023 15:00

Tgt Ion:113 Resp: 303974
Ion Ratio Lower Upper
113 100
111 104.6 82.6 123.8
192 17.1 12.7 19.1

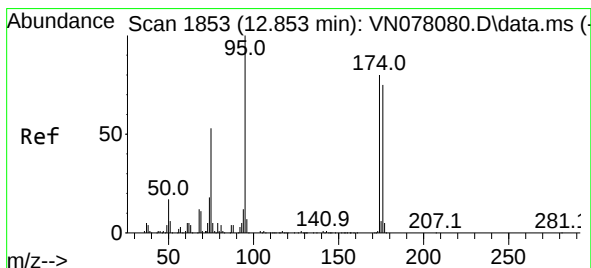
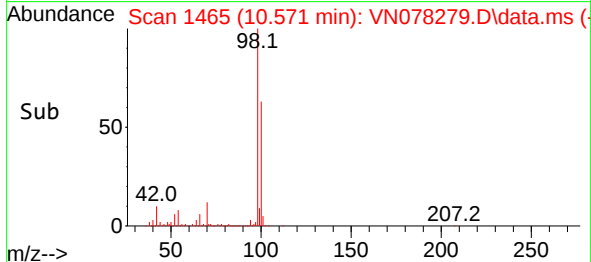
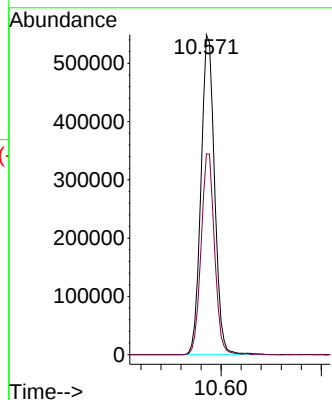
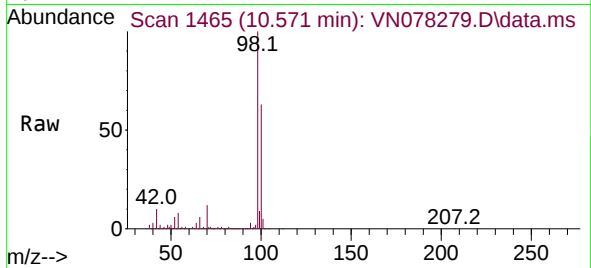




#50
Toluene-d8
Concen: 48.152 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078279.D
Acq: 19 Jun 2023 15:00

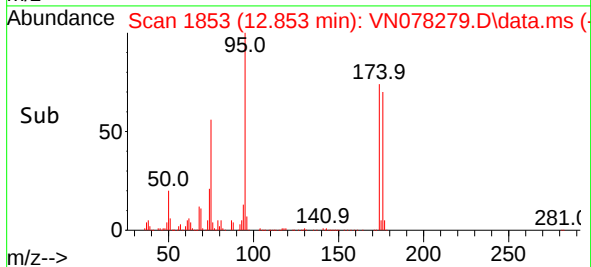
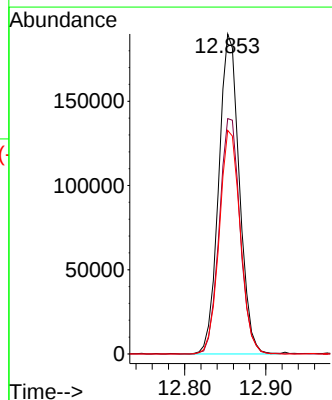
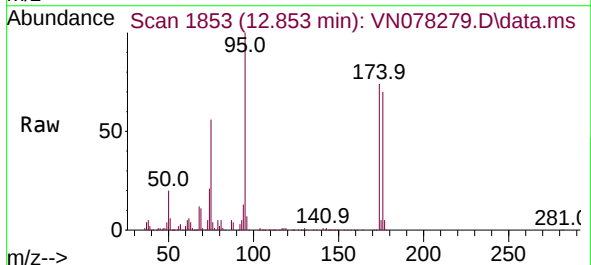
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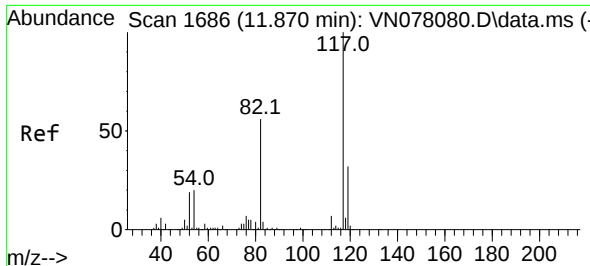
Tgt Ion: 98 Resp: 1032371
Ion Ratio Lower Upper
98 100
100 62.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 50.318 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078279.D
Acq: 19 Jun 2023 15:00

Tgt Ion: 95 Resp: 335376
Ion Ratio Lower Upper
95 100
174 74.3 0.0 143.8
176 71.1 0.0 135.8

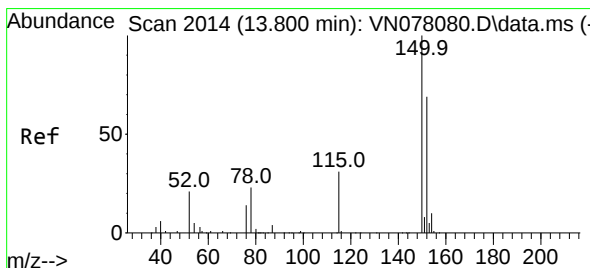
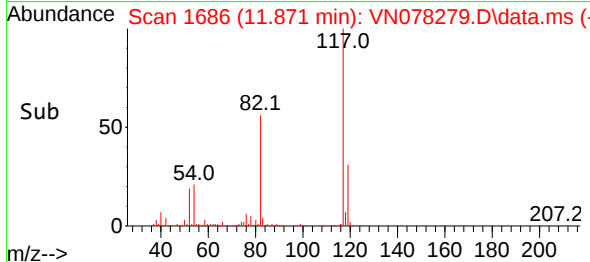
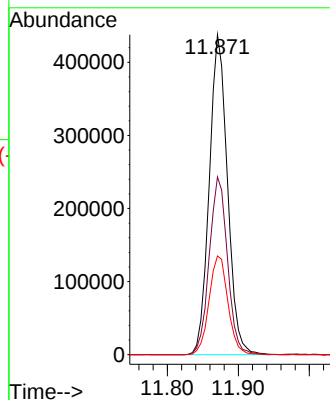
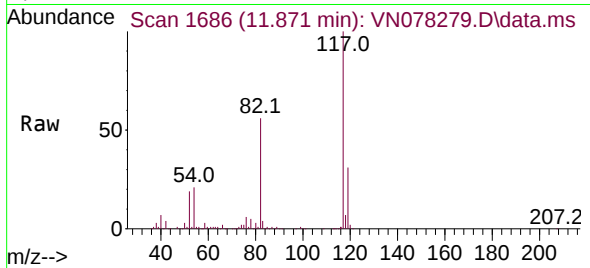




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN078279.D
Acq: 19 Jun 2023 15:00

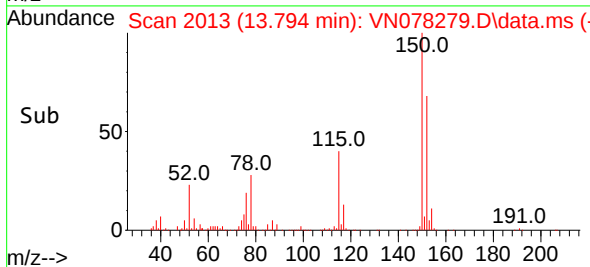
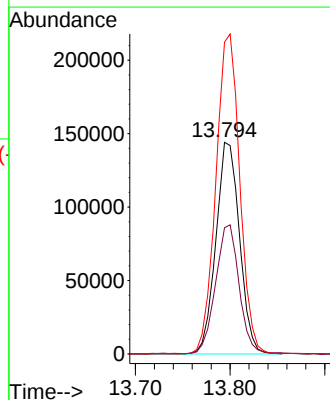
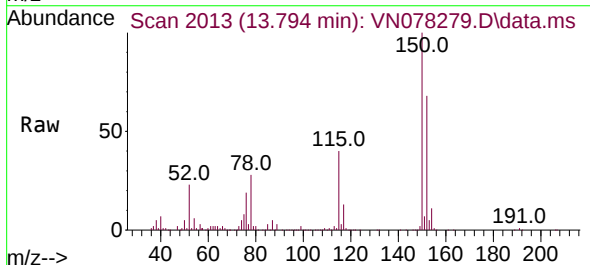
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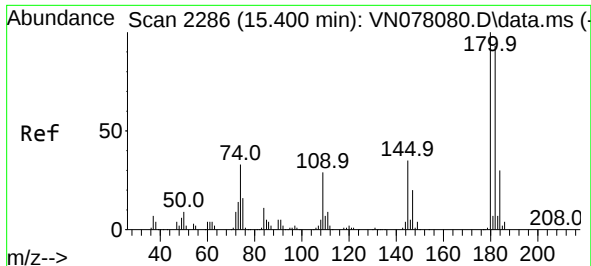
Tgt Ion:117 Resp: 779127
Ion Ratio Lower Upper
117 100
82 55.5 44.0 66.0
119 30.9 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.006 min
Lab File: VN078279.D
Acq: 19 Jun 2023 15:00

Tgt Ion:152 Resp: 249763
Ion Ratio Lower Upper
152 100
115 61.3 32.3 96.8
150 153.0 0.0 355.8

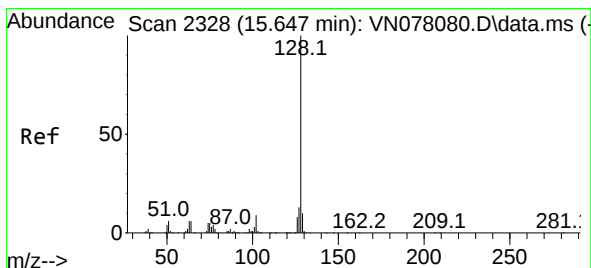
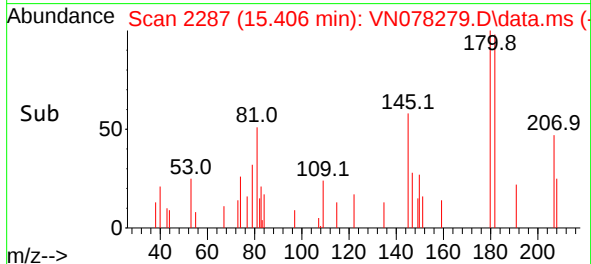
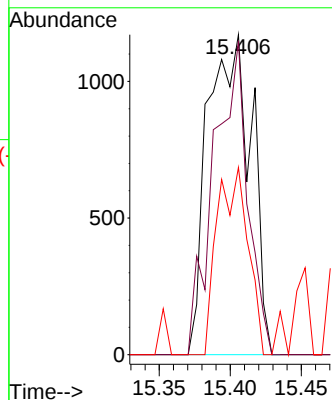
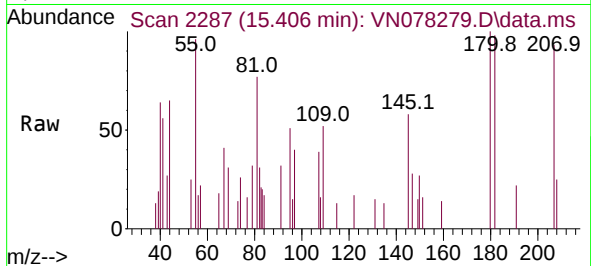




#93
 1,2,4-Trichlorobenzene
 Concen: 0.775 ug/l
 RT: 15.406 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN078279.D
 Acq: 19 Jun 2023 15:00

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW11-GW-898-900

Tgt Ion:180 Resp: 2503
 Ion Ratio Lower Upper
 180 100
 182 75.6 46.1 138.2
 145 41.3 16.6 49.8



#95
 Naphthalene
 Concen: 0.709 ug/l
 RT: 15.653 min Scan# 2329
 Delta R.T. 0.006 min
 Lab File: VN078279.D
 Acq: 19 Jun 2023 15:00

Tgt Ion:128 Resp: 7703
 Ion Ratio Lower Upper
 128 100
 127 7.7 10.0 15.0#
 129 8.6 8.7 13.1#

