

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081023\
 Data File : VN078849.D
 Acq On : 10 Aug 2023 19:58
 Operator : JC\MD
 Sample : 03931-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DAYTON-SOIL1

Quant Time: Aug 10 23:57:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080723W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 05:03:52 2023
 Response via : Initial Calibration

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

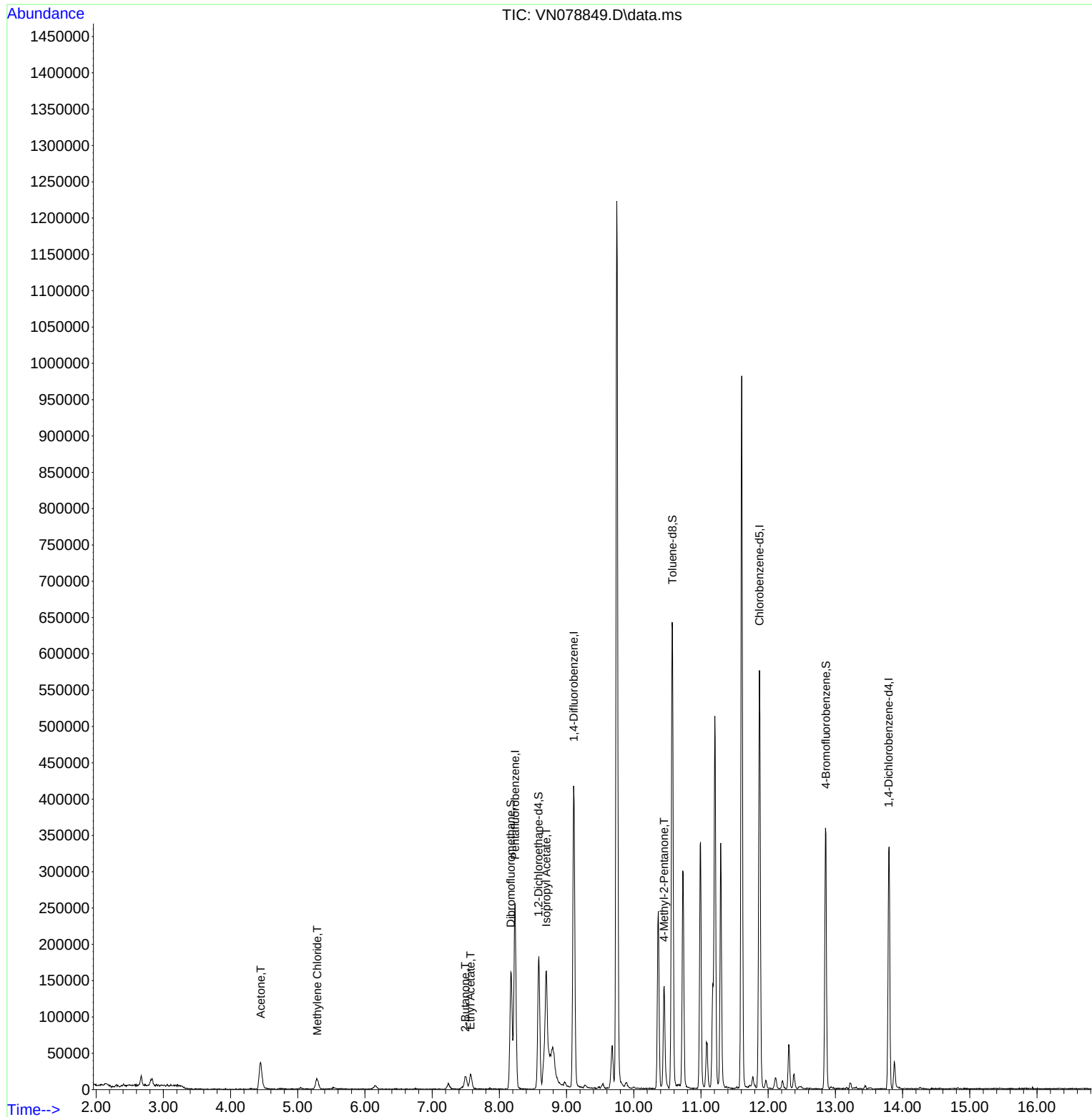
Internal Standards						
1) Pentafluorobenzene	8.235	168	173284	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	342952	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	314033	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	87381	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	141560	54.492	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 108.980%		
35) Dibromofluoromethane	8.171	113	111994	48.357	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 96.720%		
50) Toluene-d8	10.576	98	433712	50.888	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 101.780%		
62) 4-Bromofluorobenzene	12.859	95	118996	46.718	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 93.440%		
Target Compounds						
						Qvalue
16) Acetone	4.447	43	70004	70.037	ug/l	99
20) Methylene Chloride	5.289	84	10192	4.117	ug/l #	86
25) 2-Butanone	7.494	43	29998	17.723	ug/l #	75
37) Ethyl Acetate	7.571	43	31566	8.263	ug/l #	90
43) Isopropyl Acetate	8.700	43	239682	37.213	ug/l #	68
51) 4-Methyl-2-Pentanone	10.453	43	105580	26.762	ug/l #	82

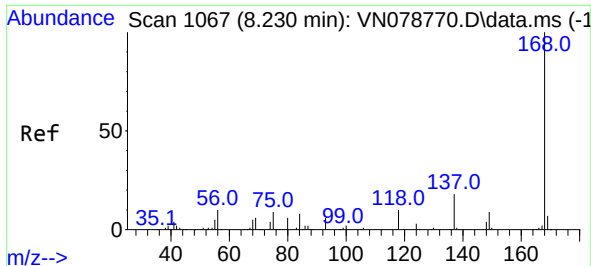
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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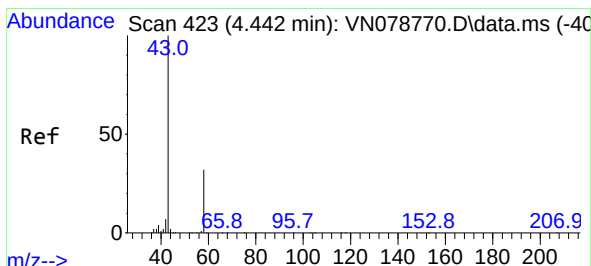
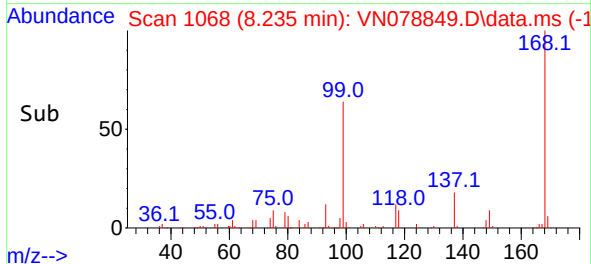
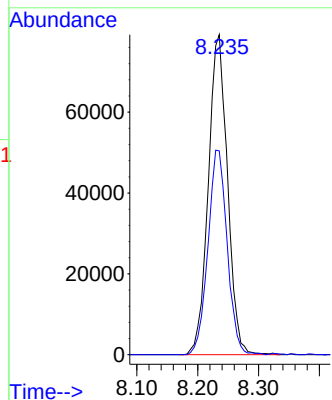
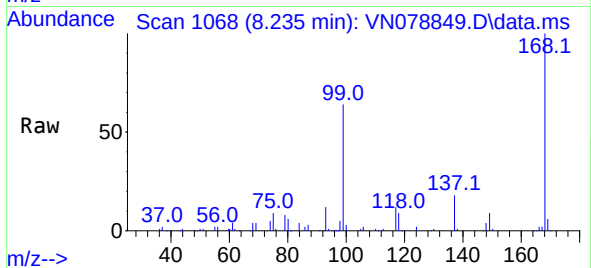




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN078849.D
Acq: 10 Aug 2023 19:58

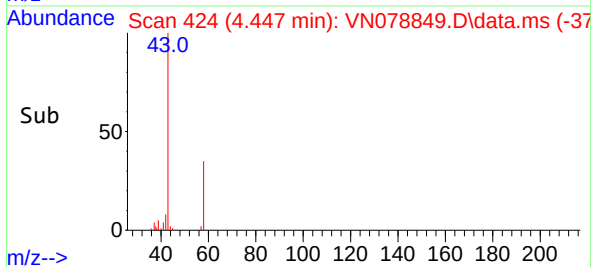
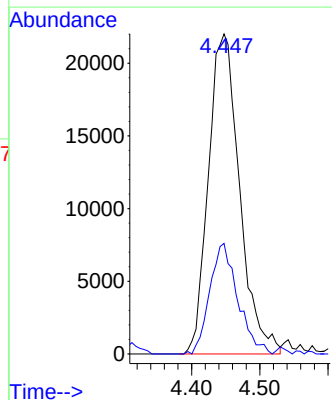
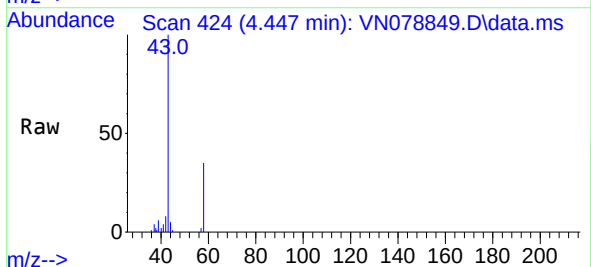
Instrument :
MSVOA_N
ClientSampleId :
DAYTON-SOIL1

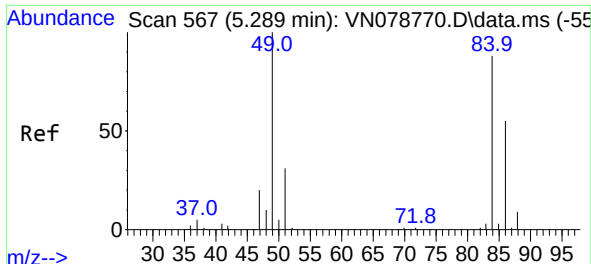
Tgt Ion:168 Resp: 173284
Ion Ratio Lower Upper
168 100
99 63.7 53.0 79.6



#16
Acetone
Concen: 70.037 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.005 min
Lab File: VN078849.D
Acq: 10 Aug 2023 19:58

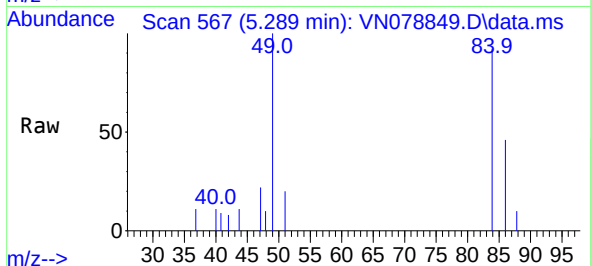
Tgt Ion: 43 Resp: 70004
Ion Ratio Lower Upper
43 100
58 34.6 28.0 42.0





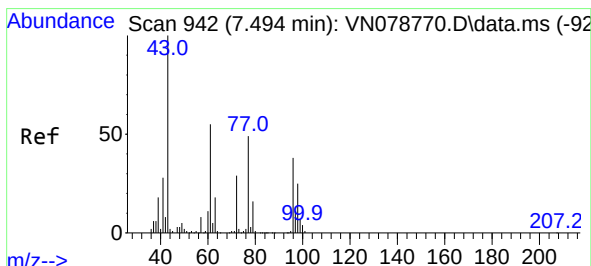
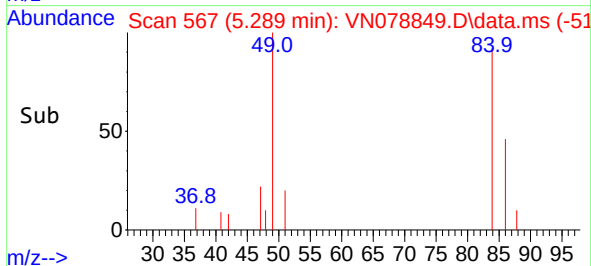
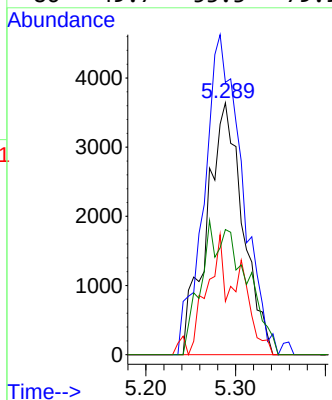
#20
Methylene Chloride
Concen: 4.117 ug/l
RT: 5.289 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN078849.D
Acq: 10 Aug 2023 19:58

Instrument :
MSVOA_N
ClientSampleId :
DAYTON-SOIL1



Tgt Ion: 84 Resp: 10192

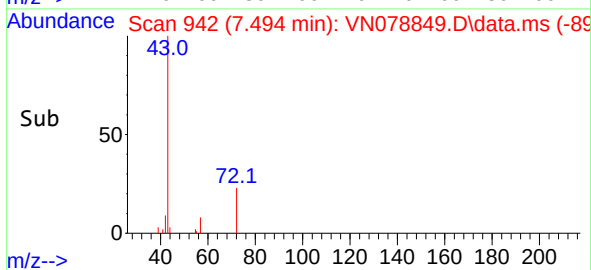
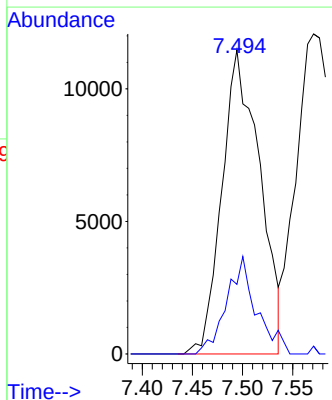
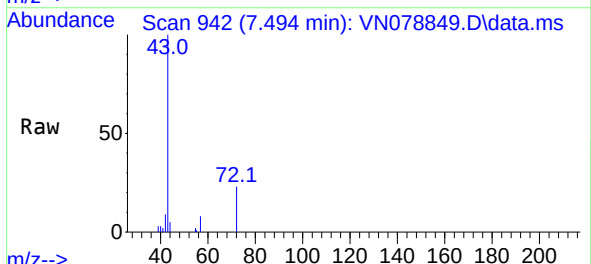
Ion	Ratio	Lower	Upper
84	100		
49	108.1	79.7	119.5
51	21.1	25.2	37.8#
86	49.7	53.3	79.9#

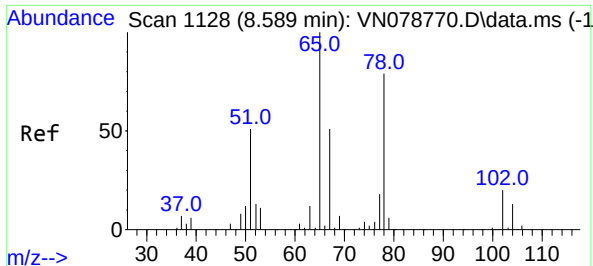


#25
2-Butanone
Concen: 17.723 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078849.D
Acq: 10 Aug 2023 19:58

Tgt Ion: 43 Resp: 29998

Ion	Ratio	Lower	Upper
43	100		
72	22.9	30.2	45.2#

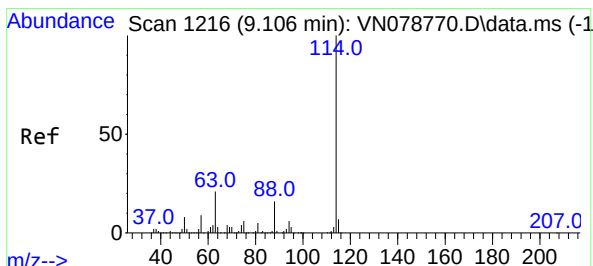
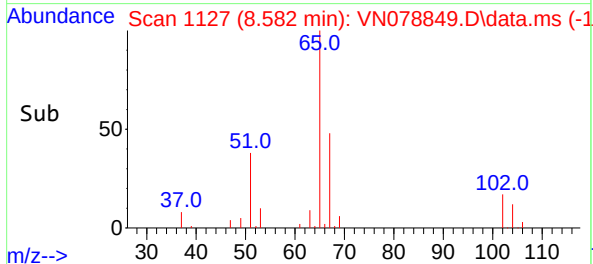
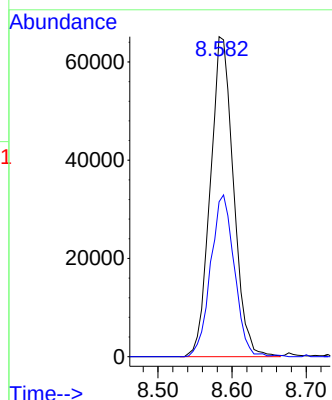
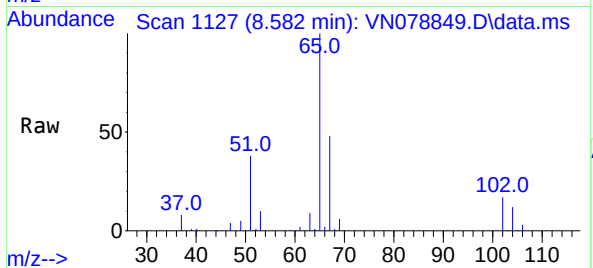




#33
1,2-Dichloroethane-d4
Concen: 54.492 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN078849.D
Acq: 10 Aug 2023 19:58

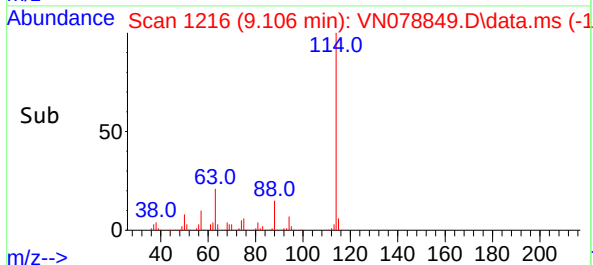
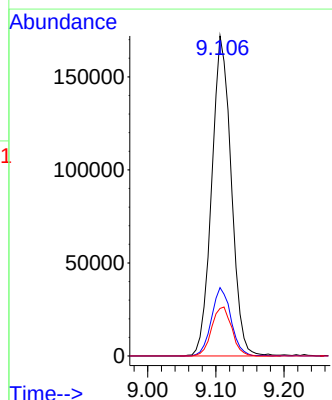
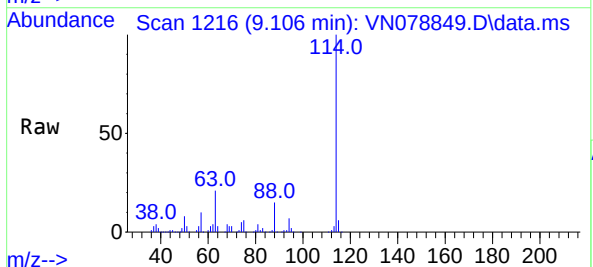
Instrument :
MSVOA_N
ClientSampleId :
DAYTON-SOIL1

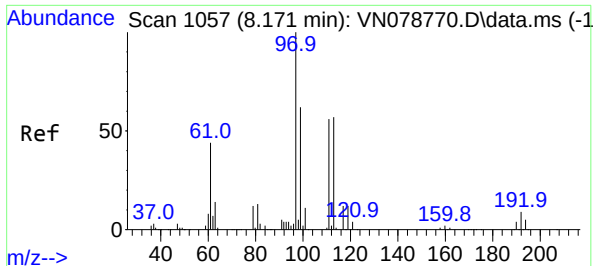
Tgt Ion: 65 Resp: 141560
Ion Ratio Lower Upper
65 100
67 51.6 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN078849.D
Acq: 10 Aug 2023 19:58

Tgt Ion: 114 Resp: 342952
Ion Ratio Lower Upper
114 100
63 21.4 0.0 36.4
88 14.8 0.0 30.6

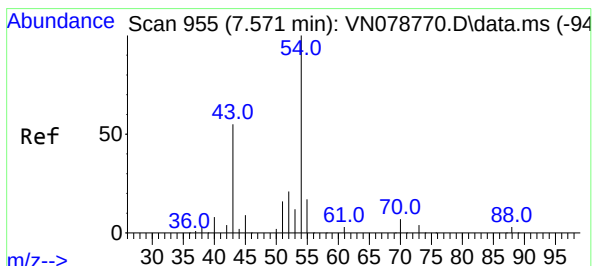
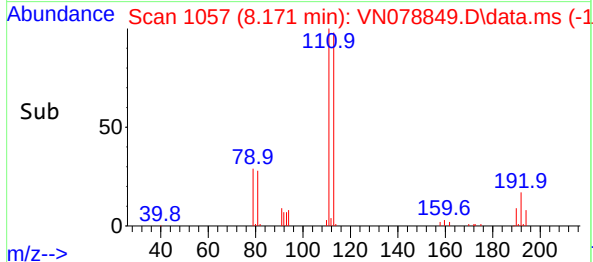
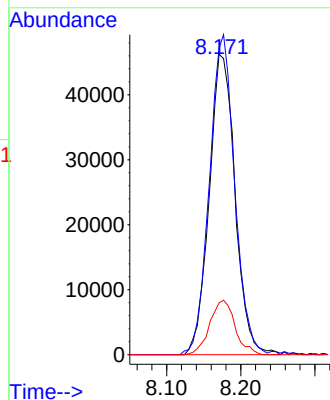
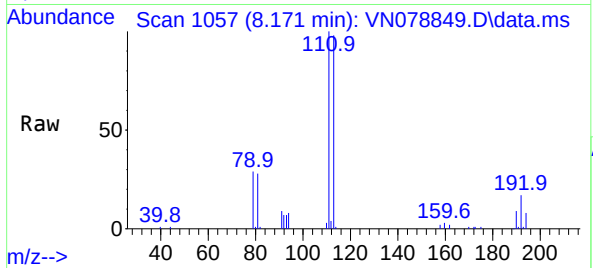




#35
Dibromofluoromethane
Concen: 48.357 ug/l
RT: 8.171 min Scan# 111994
Delta R.T. -0.000 min
Lab File: VN078849.D
Acq: 10 Aug 2023 19:58

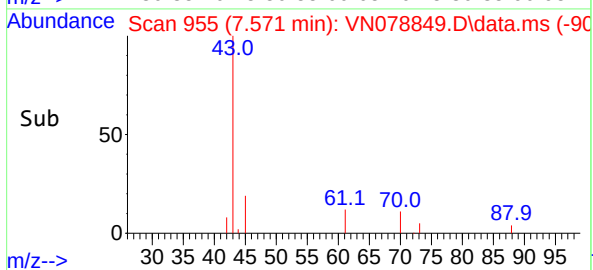
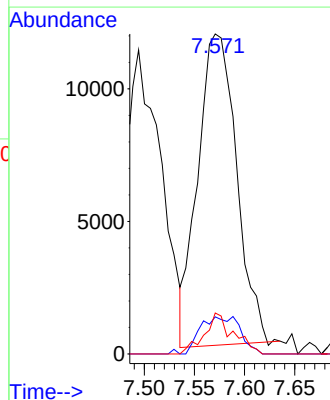
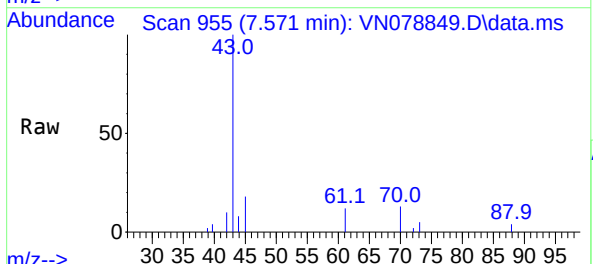
Instrument :
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ClientSampleId :
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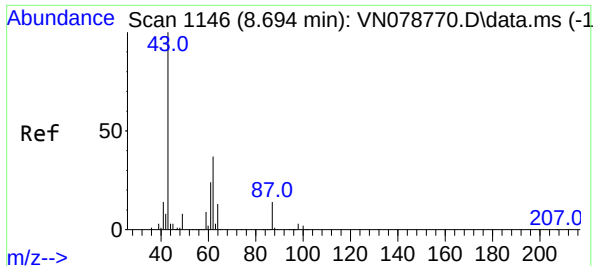
Tgt Ion:	113	Resp:	111994
Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.6	123.8
192	17.8	12.7	19.1



#37
Ethyl Acetate
Concen: 8.263 ug/l
RT: 7.571 min Scan# 955
Delta R.T. -0.000 min
Lab File: VN078849.D
Acq: 10 Aug 2023 19:58

Tgt Ion:	43	Resp:	31566
Ion	Ratio	Lower	Upper
43	100		
61	12.3	13.2	19.8#
70	9.9	11.3	16.9#

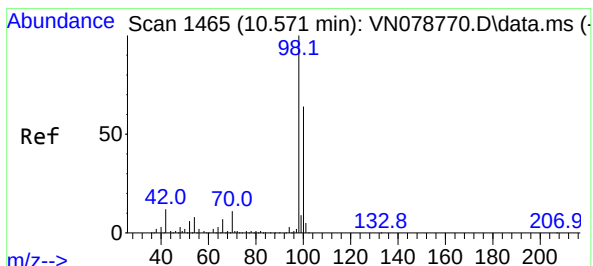
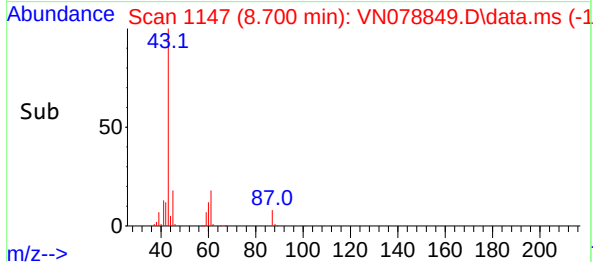
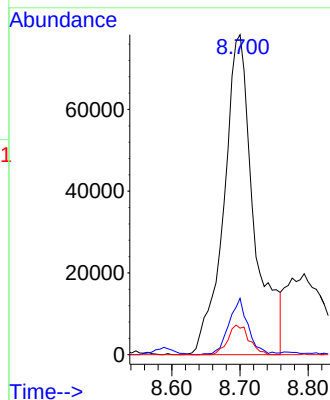
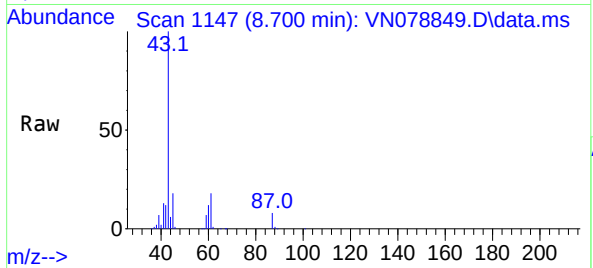




#43
Isopropyl Acetate
Concen: 37.213 ug/l
RT: 8.700 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN078849.D
Acq: 10 Aug 2023 19:58

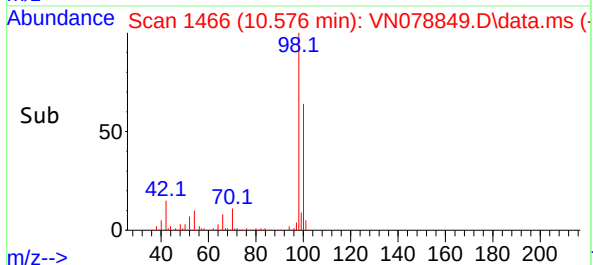
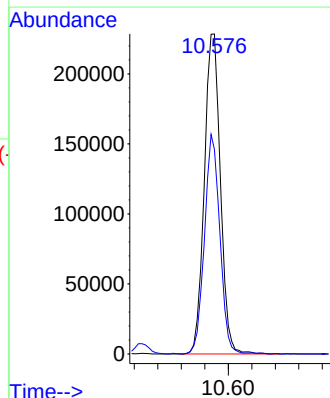
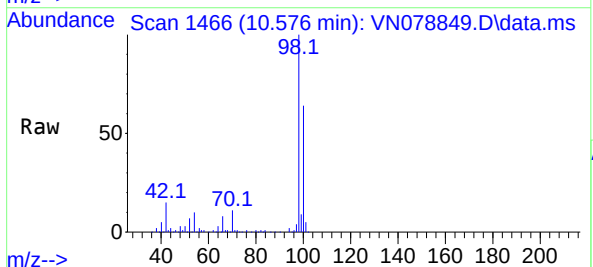
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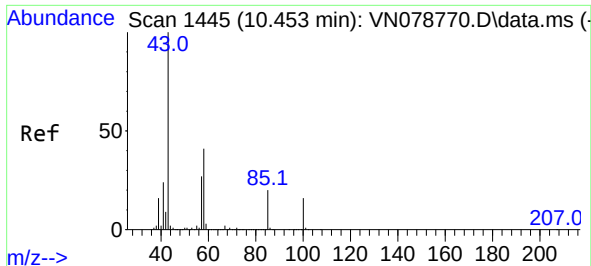
Tgt Ion: 43 Resp: 239682
Ion Ratio Lower Upper
43 100
61 11.4 24.7 37.1#
87 6.5 14.6 21.8#



#50
Toluene-d8
Concen: 50.888 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VN078849.D
Acq: 10 Aug 2023 19:58

Tgt Ion: 98 Resp: 433712
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0

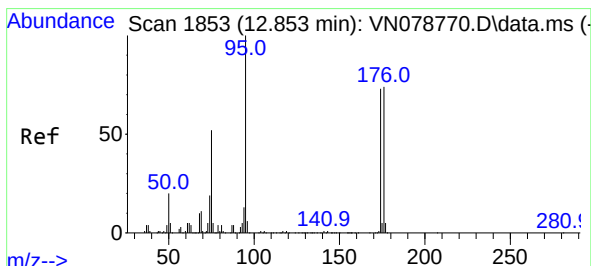
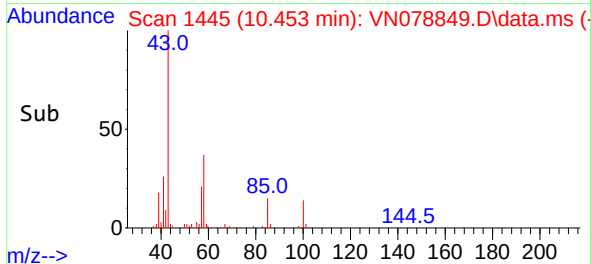
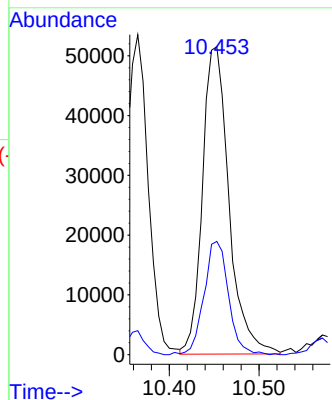
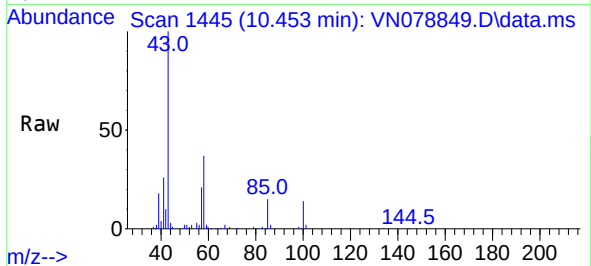




#51
4-Methyl-2-Pentanone
Concen: 26.762 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078849.D
Acq: 10 Aug 2023 19:58

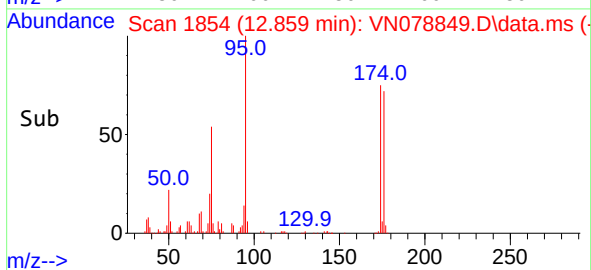
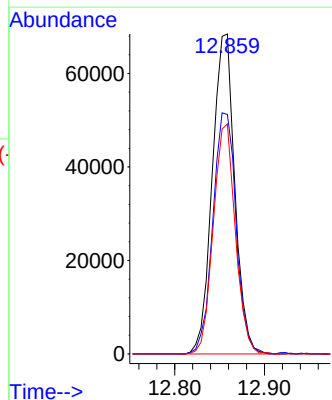
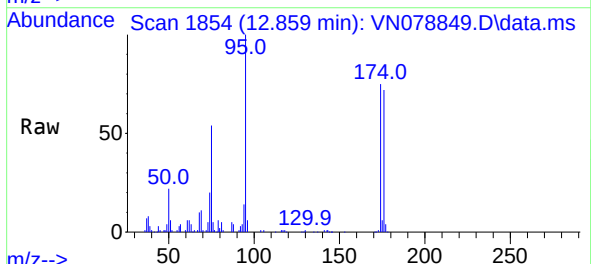
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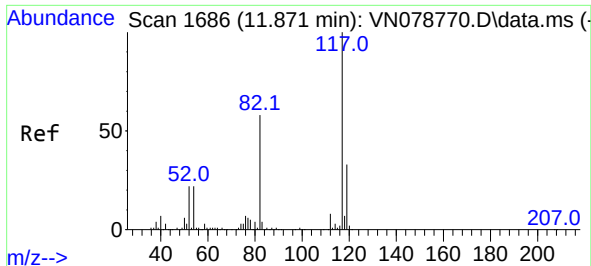
Tgt Ion: 43 Resp: 105580
Ion Ratio Lower Upper
43 100
58 34.1 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 46.718 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN078849.D
Acq: 10 Aug 2023 19:58

Tgt Ion: 95 Resp: 118996
Ion Ratio Lower Upper
95 100
174 77.8 0.0 143.8
176 70.4 0.0 135.8

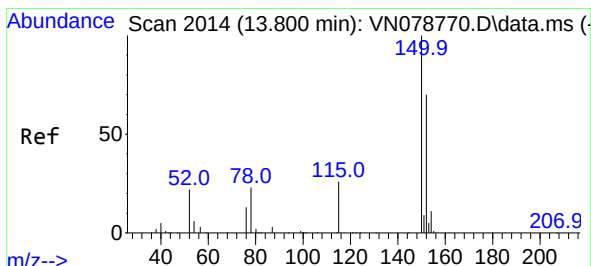
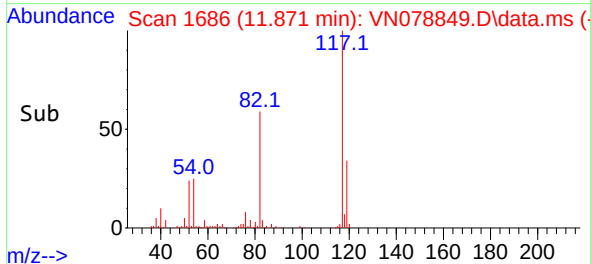
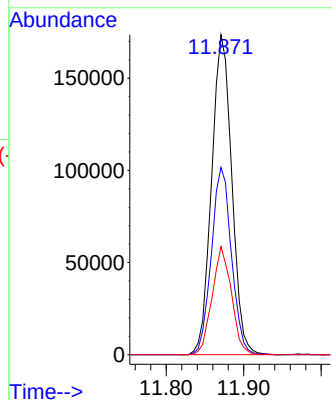
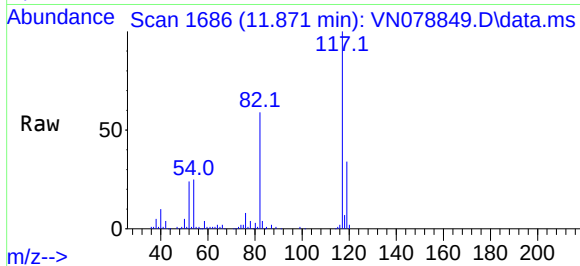




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN078849.D
Acq: 10 Aug 2023 19:58

Instrument :
MSVOA_N
ClientSampleId :
DAYTON-SOIL1

Tgt Ion:117 Resp: 314033
Ion Ratio Lower Upper
117 100
82 58.5 44.0 66.0
119 33.8 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: VN078849.D
Acq: 10 Aug 2023 19:58

Tgt Ion:152 Resp: 87381
Ion Ratio Lower Upper
152 100
115 61.3 32.3 96.8
150 161.2 0.0 355.8

