

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081023\
 Data File : VN078850.D
 Acq On : 10 Aug 2023 20:22
 Operator : JC\MD
 Sample : 03931-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DAYTON-SOIL2

Quant Time: Aug 10 23:57:26 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)

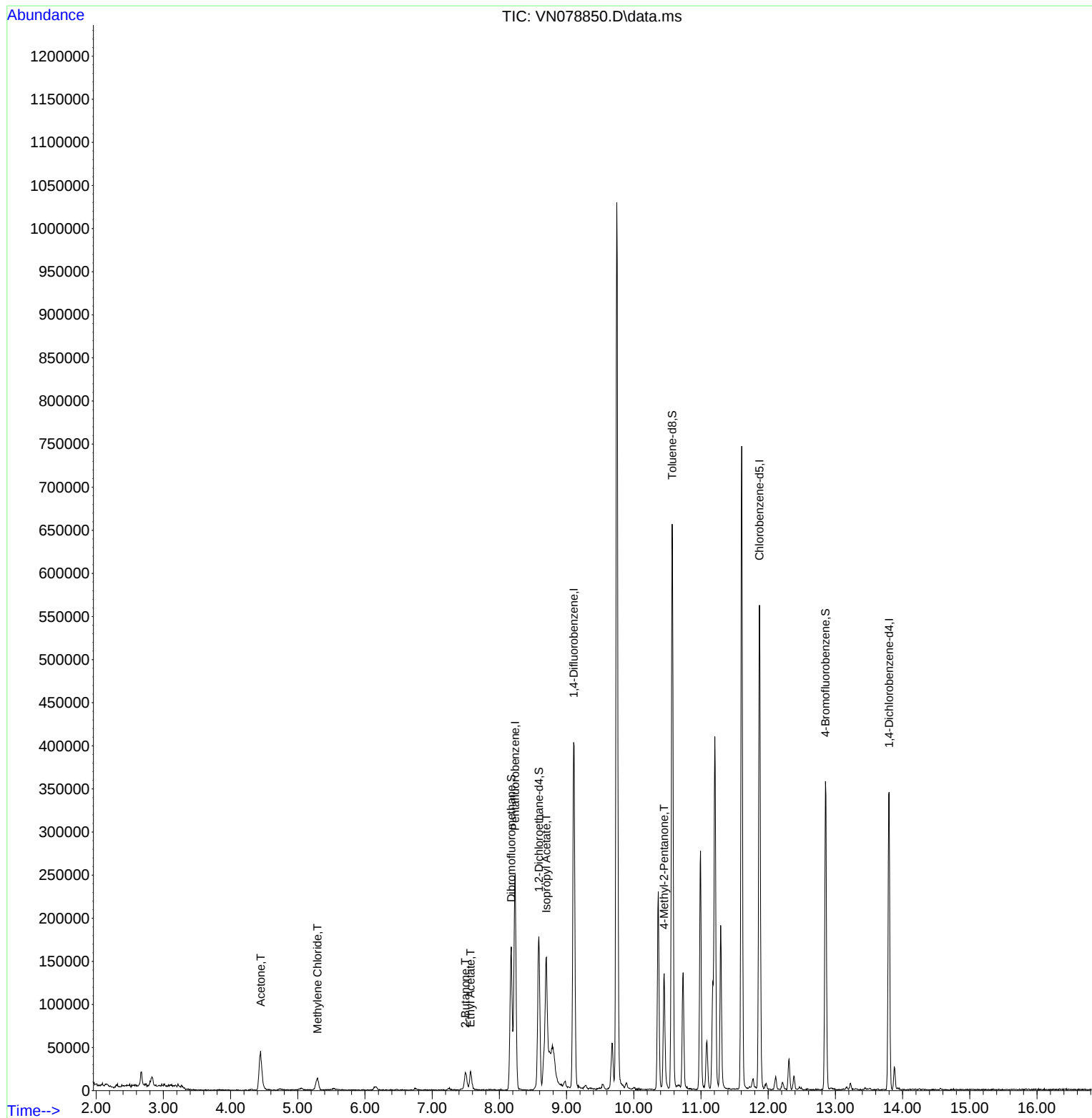
Internal Standards						
1) Pentafluorobenzene	8.235	168	170422	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	341626	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	313434	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	87961	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	140086	54.831	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	= 109.660%		
35) Dibromofluoromethane	8.177	113	113626	49.252	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 98.500%		
50) Toluene-d8	10.571	98	425290	50.094	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	= 100.180%		
62) 4-Bromofluorobenzene	12.853	95	117644	46.366	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery	= 92.740%		
Target Compounds						Qvalue
16) Acetone	4.447	43	83088	84.524	ug/l	94
20) Methylene Chloride	5.294	84	9164	3.764	ug/l #	62
25) 2-Butanone	7.494	43	35626	21.402	ug/l #	72
37) Ethyl Acetate	7.571	43	31643	8.315	ug/l #	92
43) Isopropyl Acetate	8.700	43	223635	34.856	ug/l #	68
51) 4-Methyl-2-Pentanone	10.453	43	98153	24.976	ug/l #	81

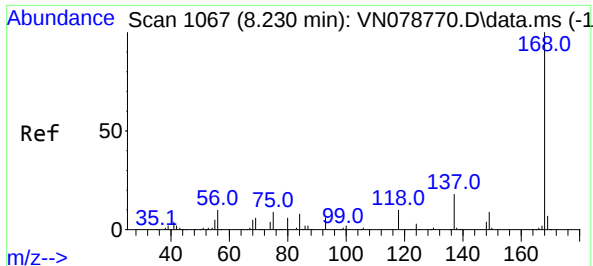
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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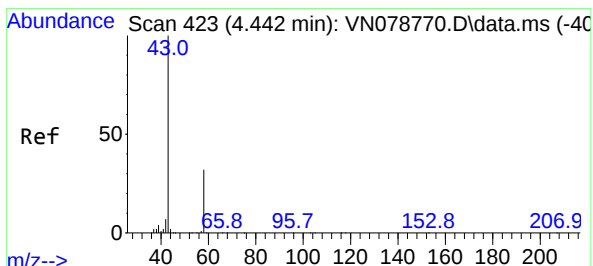
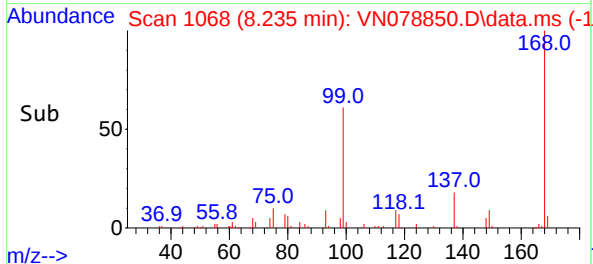
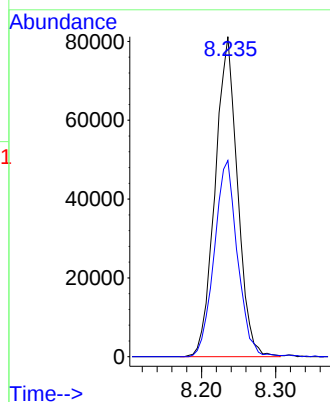
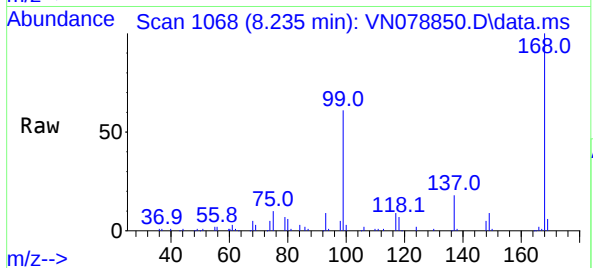




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN078850.D
Acq: 10 Aug 2023 20:22

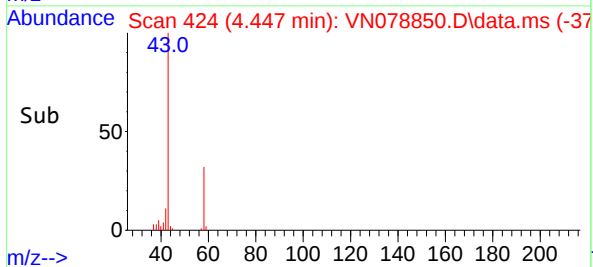
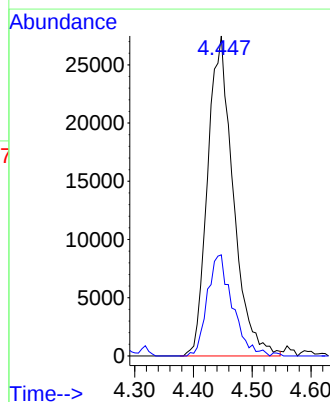
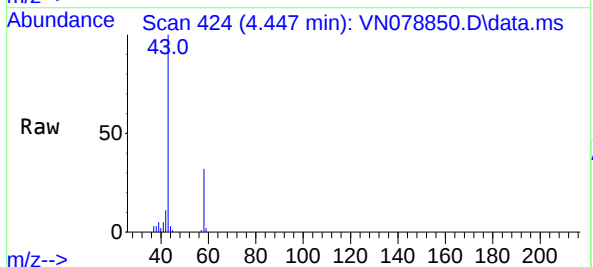
Instrument :
MSVOA_N
ClientSampleId :
DAYTON-SOIL2

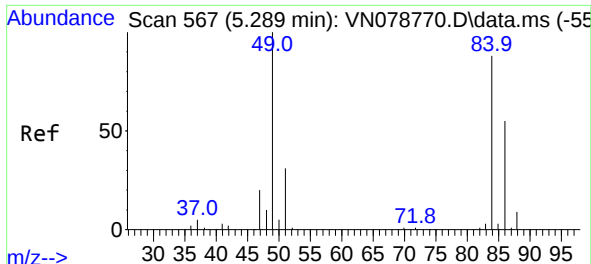
Tgt Ion:168 Resp: 170422
Ion Ratio Lower Upper
168 100
99 61.3 53.0 79.6



#16
Acetone
Concen: 84.524 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.005 min
Lab File: VN078850.D
Acq: 10 Aug 2023 20:22

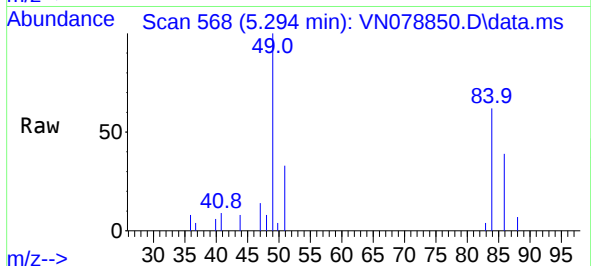
Tgt Ion: 43 Resp: 83088
Ion Ratio Lower Upper
43 100
58 31.8 28.0 42.0





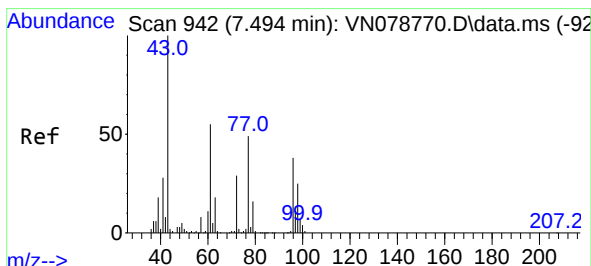
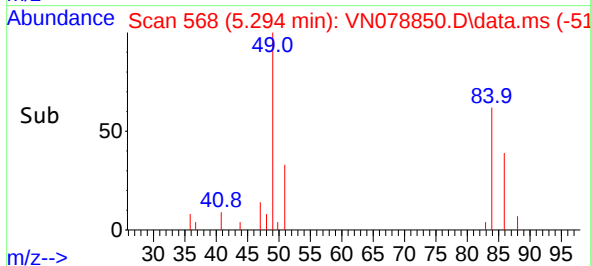
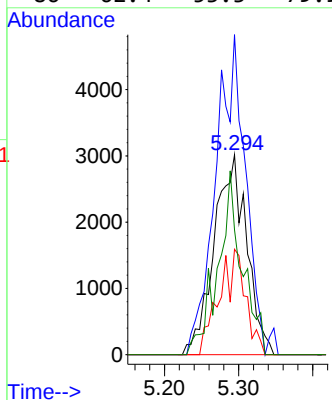
#20
Methylene Chloride
Concen: 3.764 ug/l
RT: 5.294 min Scan# 501
Delta R.T. 0.006 min
Lab File: VN078850.D
Acq: 10 Aug 2023 20:22

Instrument :
MSVOA_N
ClientSampleId :
DAYTON-SOIL2



Tgt Ion: 84 Resp: 9164

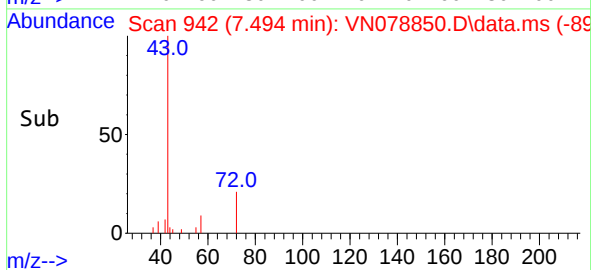
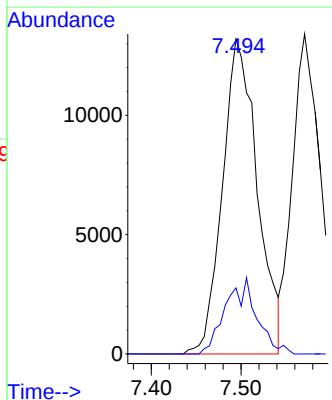
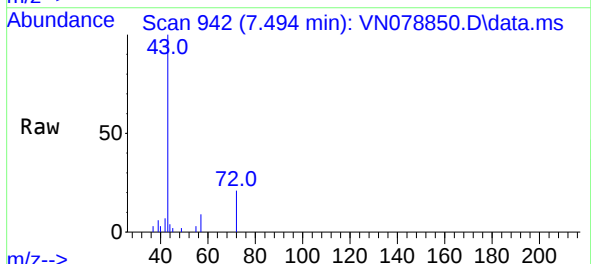
Ion	Ratio	Lower	Upper
84	100		
49	160.0	79.7	119.5#
51	52.7	25.2	37.8#
86	62.4	53.3	79.9

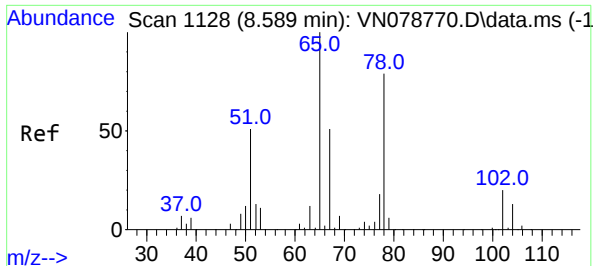


#25
2-Butanone
Concen: 21.402 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078850.D
Acq: 10 Aug 2023 20:22

Tgt Ion: 43 Resp: 35626

Ion	Ratio	Lower	Upper
43	100		
72	21.0	30.2	45.2#

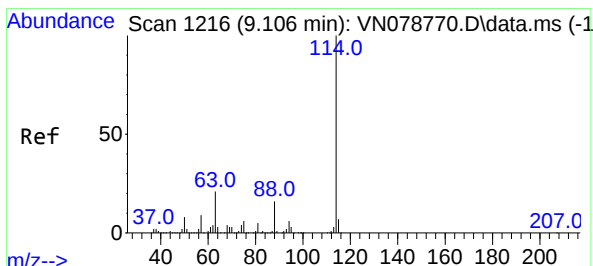
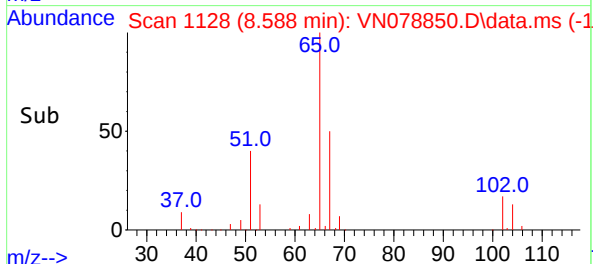
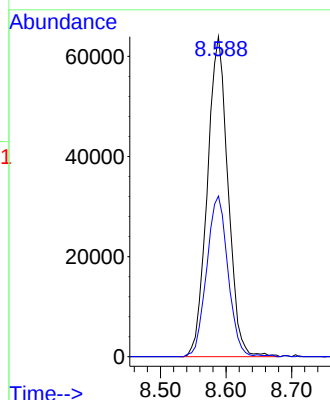
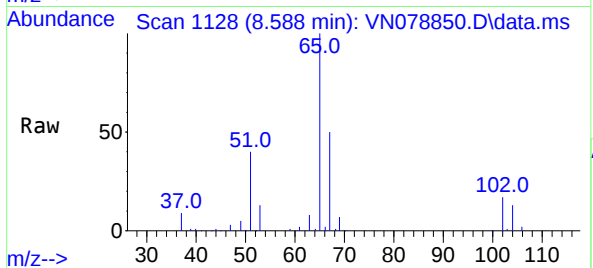




#33
1,2-Dichloroethane-d4
Concen: 54.831 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN078850.D
Acq: 10 Aug 2023 20:22

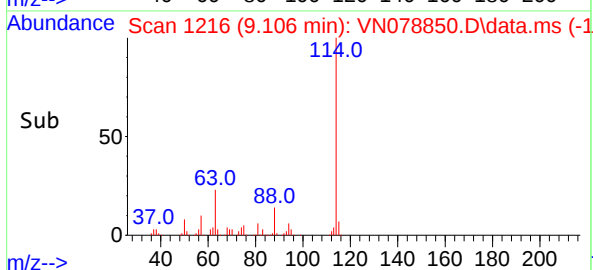
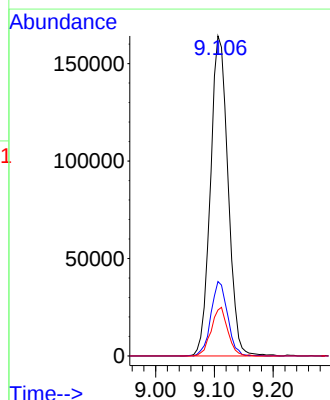
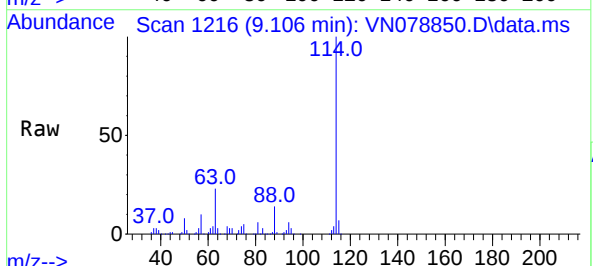
Instrument :
MSVOA_N
ClientSampleId :
DAYTON-SOIL2

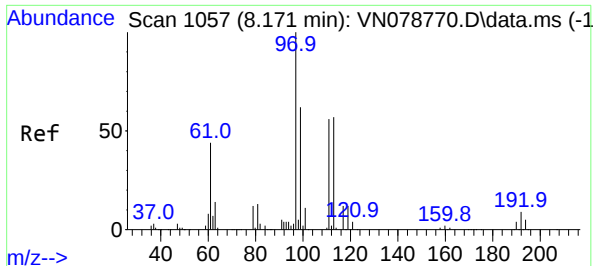
Tgt Ion: 65 Resp: 140086
Ion Ratio Lower Upper
65 100
67 51.8 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN078850.D
Acq: 10 Aug 2023 20:22

Tgt Ion: 114 Resp: 341626
Ion Ratio Lower Upper
114 100
63 23.3 0.0 36.4
88 14.4 0.0 30.6

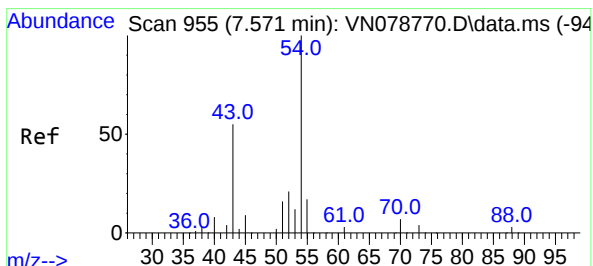
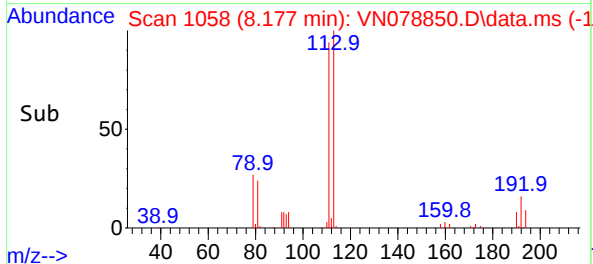
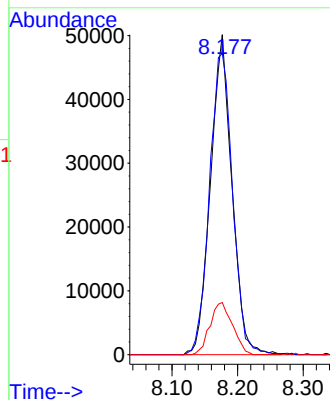
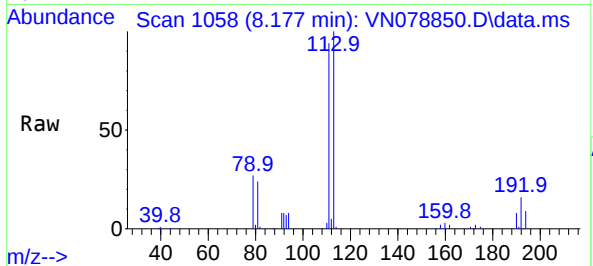




#35
Dibromofluoromethane
Concen: 49.252 ug/l
RT: 8.177 min Scan# 113
Delta R.T. 0.006 min
Lab File: VN078850.D
Acq: 10 Aug 2023 20:22

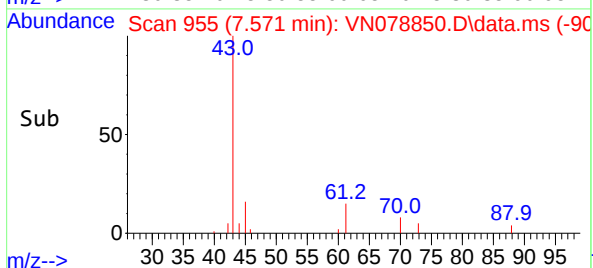
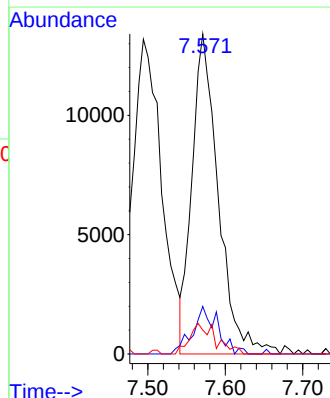
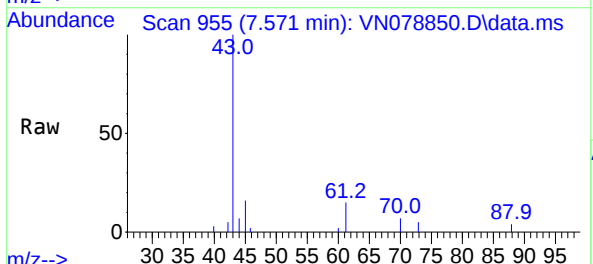
Instrument :
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ClientSampleId :
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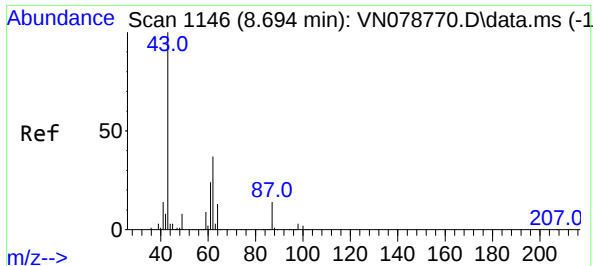
Tgt Ion:113 Resp: 113626
Ion Ratio Lower Upper
113 100
111 101.6 82.6 123.8
192 17.3 12.7 19.1



#37
Ethyl Acetate
Concen: 8.315 ug/l
RT: 7.571 min Scan# 955
Delta R.T. -0.000 min
Lab File: VN078850.D
Acq: 10 Aug 2023 20:22

Tgt Ion: 43 Resp: 31643
Ion Ratio Lower Upper
43 100
61 14.1 13.2 19.8
70 9.5 11.3 16.9#

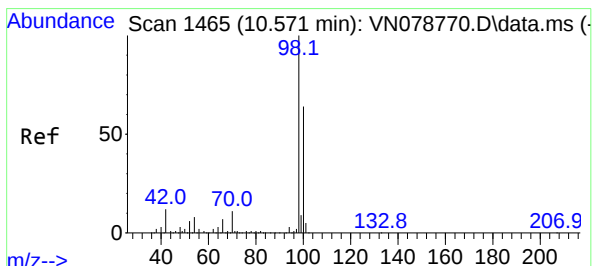
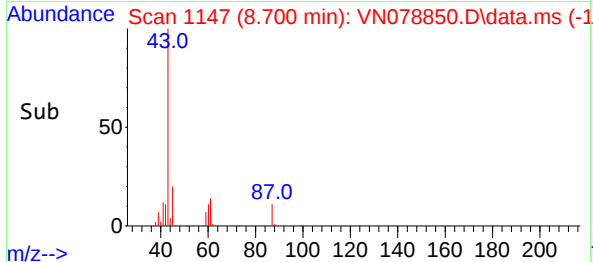
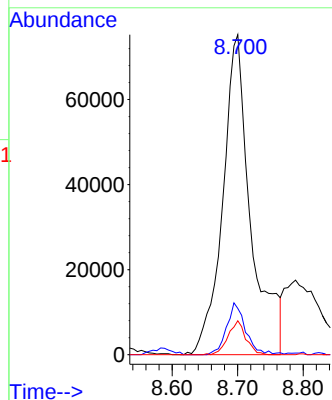
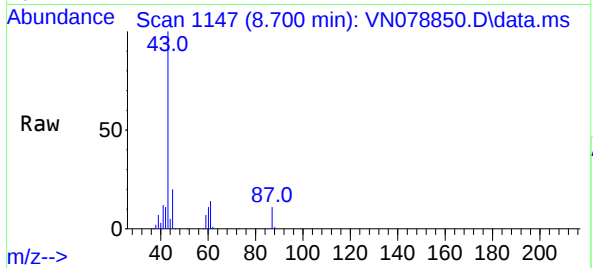




#43
Isopropyl Acetate
Concen: 34.856 ug/l
RT: 8.700 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN078850.D
Acq: 10 Aug 2023 20:22

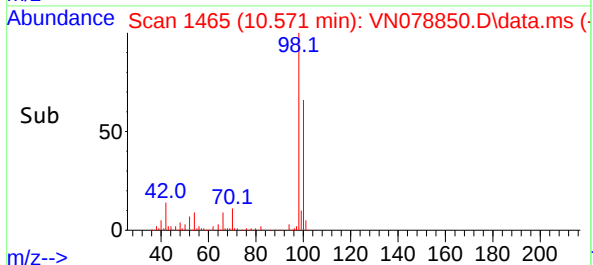
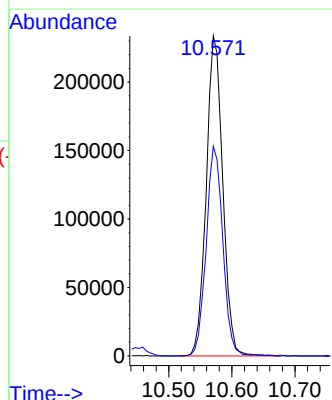
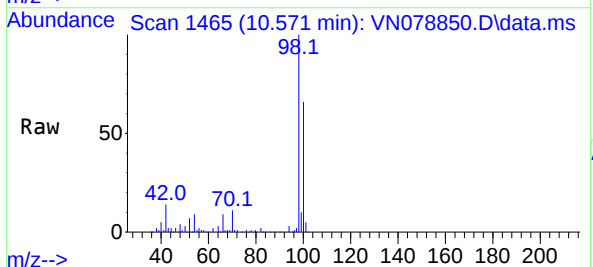
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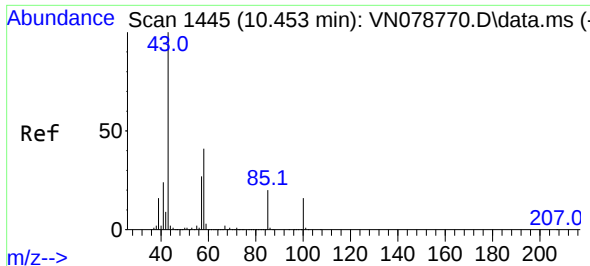
Tgt Ion: 43 Resp: 223635
Ion Ratio Lower Upper
43 100
61 11.0 24.7 37.1#
87 6.7 14.6 21.8#



#50
Toluene-d8
Concen: 50.094 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078850.D
Acq: 10 Aug 2023 20:22

Tgt Ion: 98 Resp: 425290
Ion Ratio Lower Upper
98 100
100 65.7 52.0 78.0

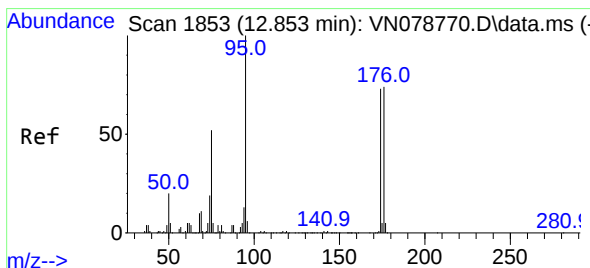
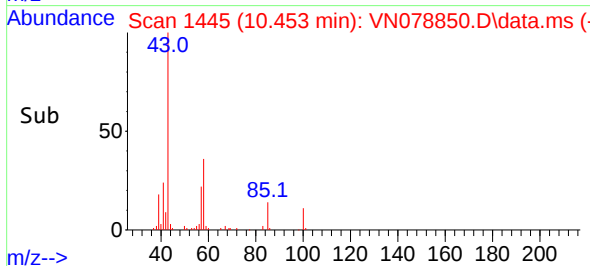
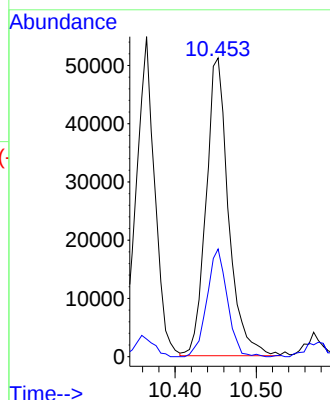
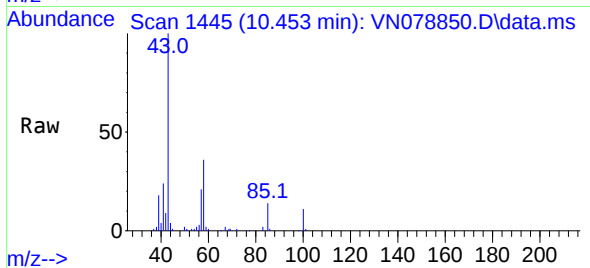




#51
4-Methyl-2-Pentanone
Concen: 24.976 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078850.D
Acq: 10 Aug 2023 20:22

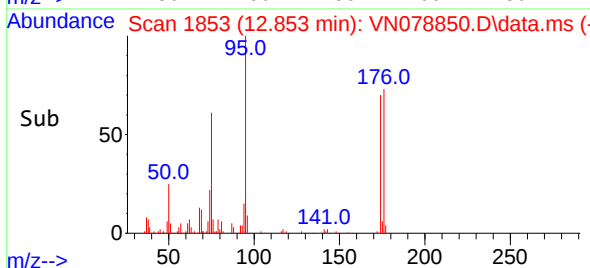
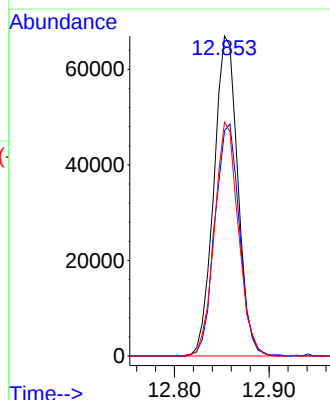
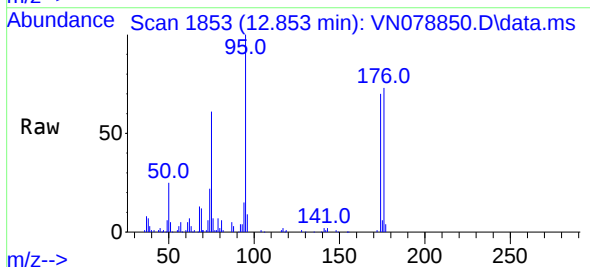
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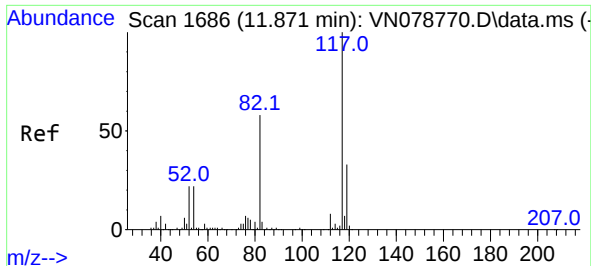
Tgt Ion: 43 Resp: 98153
Ion Ratio Lower Upper
43 100
58 33.0 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 46.366 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078850.D
Acq: 10 Aug 2023 20:22

Tgt Ion: 95 Resp: 117644
Ion Ratio Lower Upper
95 100
174 74.4 0.0 143.8
176 73.2 0.0 135.8

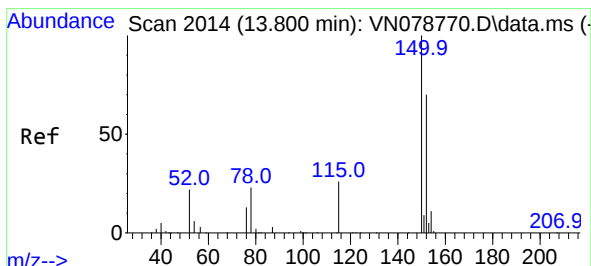
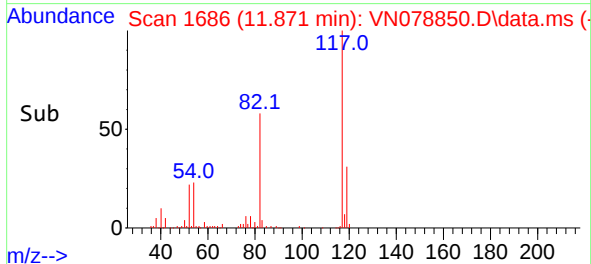
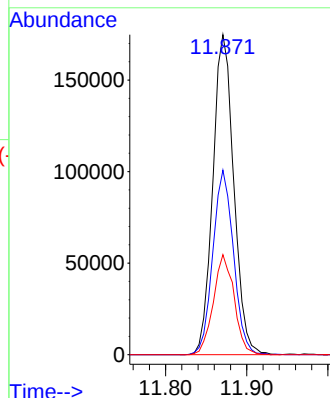
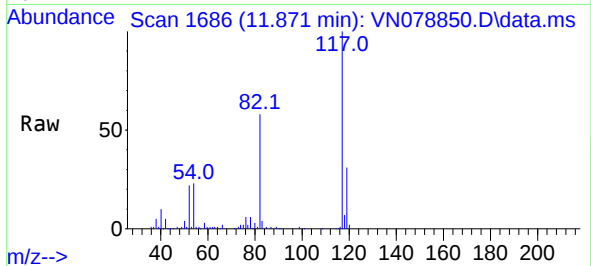




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078850.D
Acq: 10 Aug 2023 20:22

Instrument :
MSVOA_N
ClientSampleId :
DAYTON-SOIL2

Tgt Ion:117 Resp: 313434
Ion Ratio Lower Upper
117 100
82 57.6 44.0 66.0
119 31.3 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078850.D
Acq: 10 Aug 2023 20:22

Tgt Ion:152 Resp: 87961
Ion Ratio Lower Upper
152 100
115 60.6 32.3 96.8
150 159.9 0.0 355.8

