

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031423\
 Data File : VN076990.D
 Acq On : 14 Mar 2023 18:22
 Operator : JC\MD
 Sample : 01877-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-SOIL

Quant Time: Mar 15 04:28:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 13:47:39 2023
 Response via : Initial Calibration

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

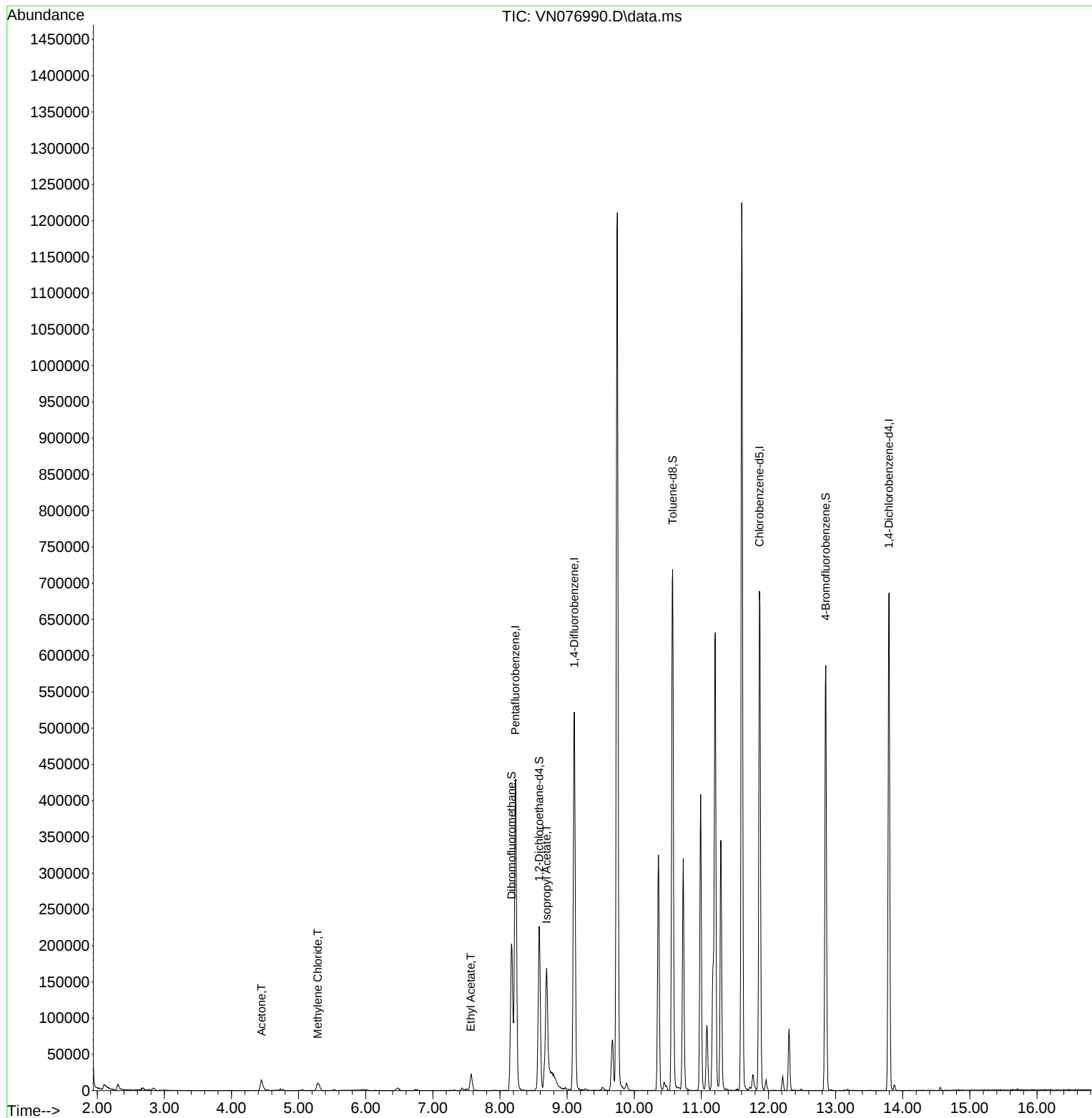
Internal Standards						
1) Pentafluorobenzene	8.231	168	284652	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	427777	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	387072	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	176954	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	217926	51.303	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.600%
35) Dibromofluoromethane	8.172	113	140075	49.132	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.260%
50) Toluene-d8	10.572	98	502177	47.793	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.580%
62) 4-Bromofluorobenzene	12.854	95	192394	50.061	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.120%
Target Compounds						
						Qvalue
16) Acetone	4.449	43	25979	17.650	ug/l	96
20) Methylene Chloride	5.284	84	9251	2.444	ug/l	86
37) Ethyl Acetate	7.566	43	30444	8.634	ug/l	98
43) Isopropyl Acetate	8.695	43	237488	38.152	ug/l #	71

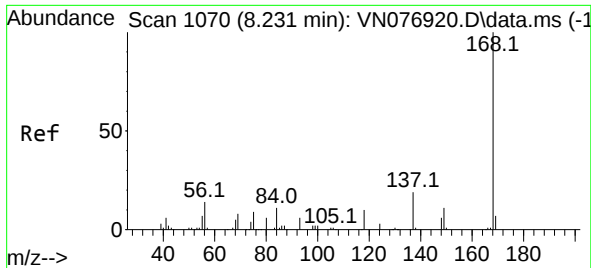
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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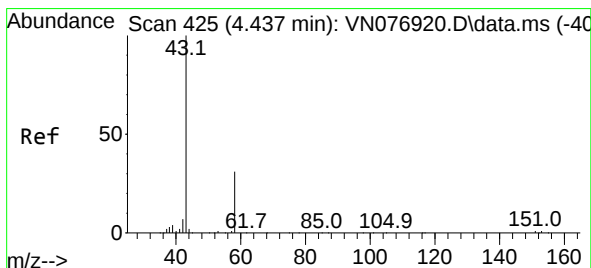
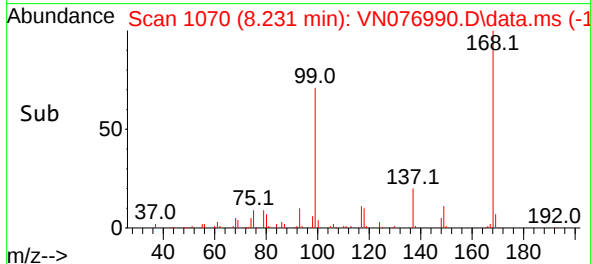
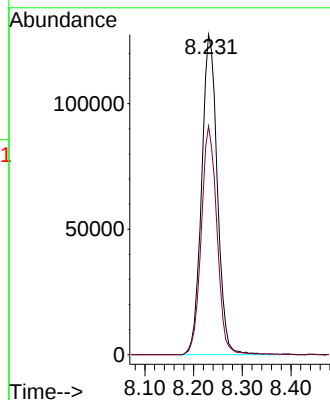
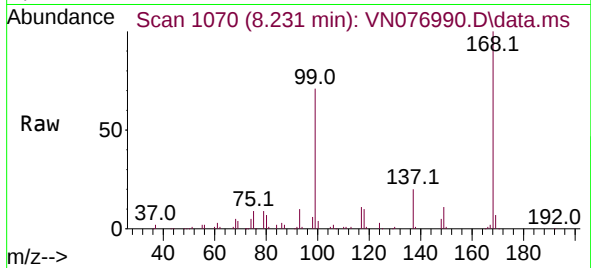




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN076990.D
Acq: 14 Mar 2023 18:22

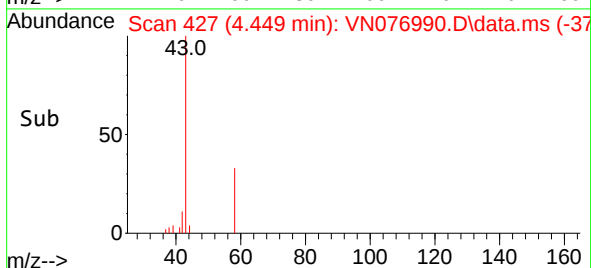
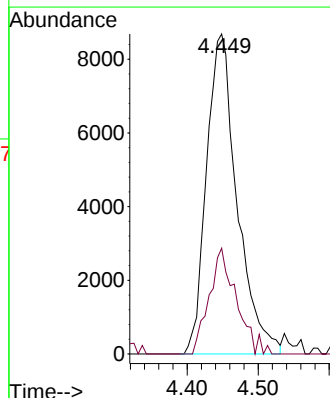
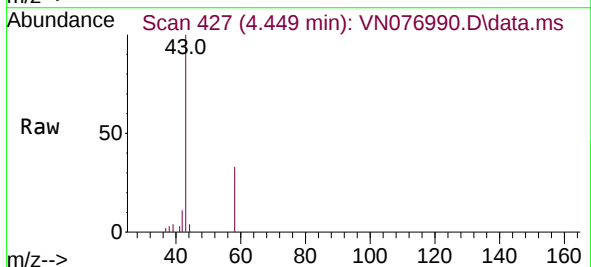
Instrument :
MSVOA_N
ClientSampleId :
COMP-SOIL

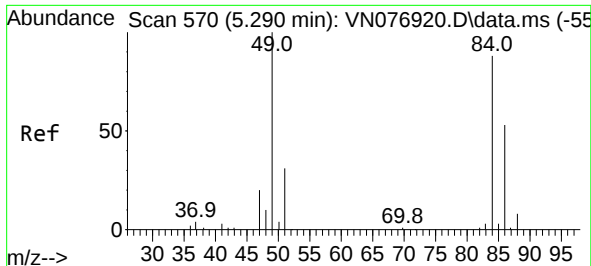
Tgt Ion:168 Resp: 284652
Ion Ratio Lower Upper
168 100
99 71.4 48.6 73.0



#16
Acetone
Concen: 17.650 ug/l
RT: 4.449 min Scan# 427
Delta R.T. 0.012 min
Lab File: VN076990.D
Acq: 14 Mar 2023 18:22

Tgt Ion: 43 Resp: 25979
Ion Ratio Lower Upper
43 100
58 33.0 28.2 42.2



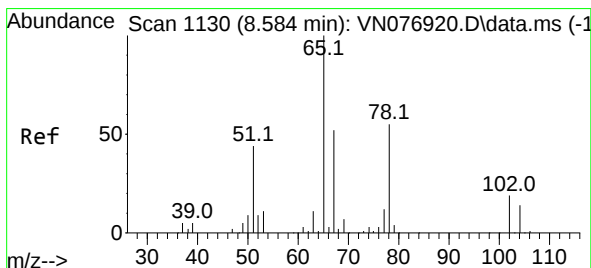
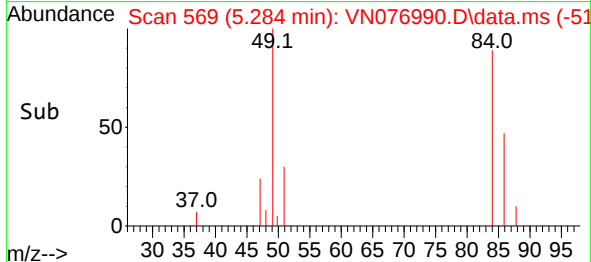
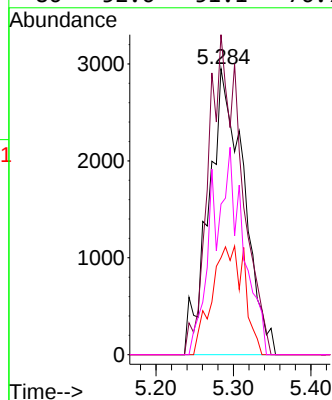
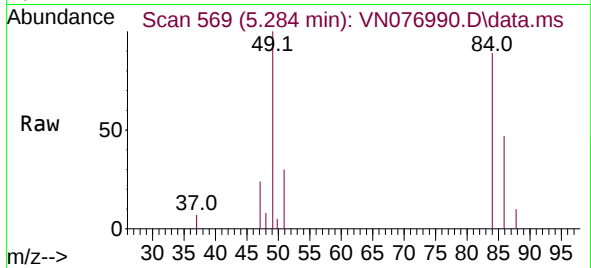


#20
Methylene Chloride
Concen: 2.444 ug/l
RT: 5.284 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN076990.D
Acq: 14 Mar 2023 18:22

Instrument :
MSVOA_N
ClientSampleId :
COMP-SOIL

Tgt Ion: 84 Resp: 9251

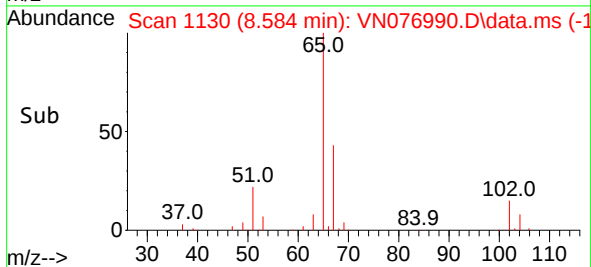
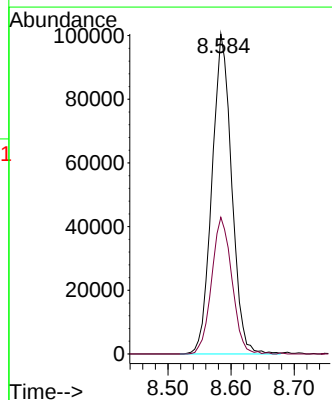
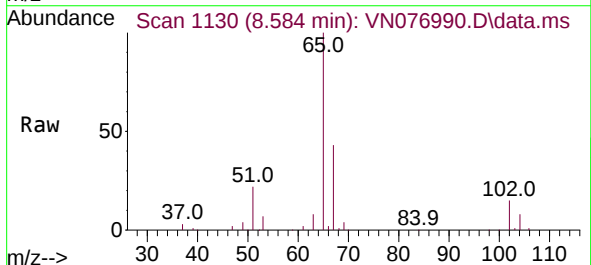
Ion	Ratio	Lower	Upper
84	100		
49	111.9	76.6	114.8
51	33.9	25.4	38.2
86	52.6	51.1	76.7

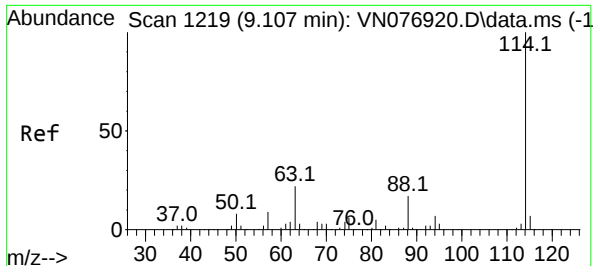


#33
1,2-Dichloroethane-d4
Concen: 51.303 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN076990.D
Acq: 14 Mar 2023 18:22

Tgt Ion: 65 Resp: 217926

Ion	Ratio	Lower	Upper
65	100		
67	43.9	0.0	107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN076990.D

Acq: 14 Mar 2023 18:22

Instrument :

MSVOA_N

ClientSampleId :

COMP-SOIL

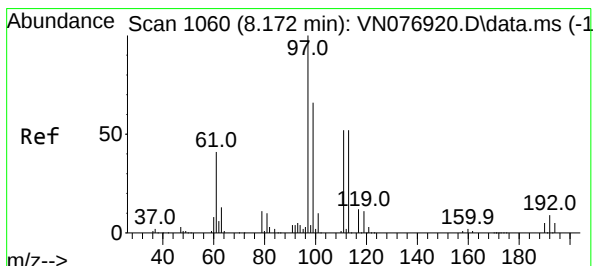
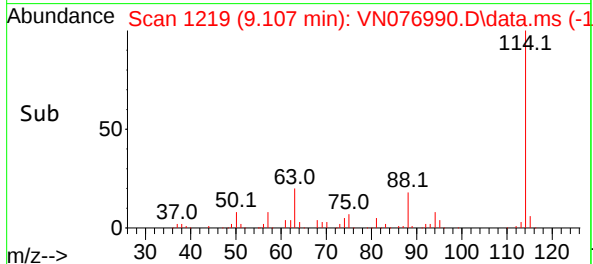
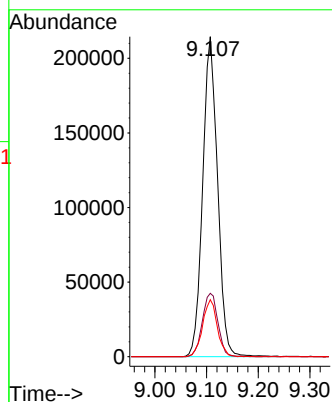
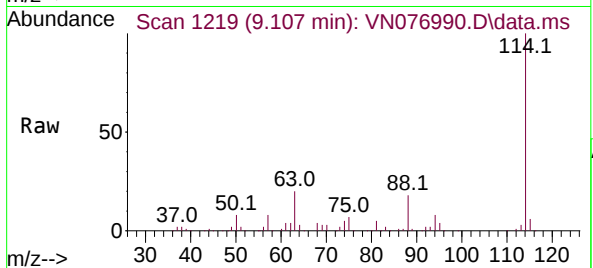
Tgt Ion:114 Resp: 427777

Ion Ratio Lower Upper

114 100

63 19.8 0.0 36.6

88 17.8 0.0 28.6



#35

Dibromofluoromethane

Concen: 49.132 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN076990.D

Acq: 14 Mar 2023 18:22

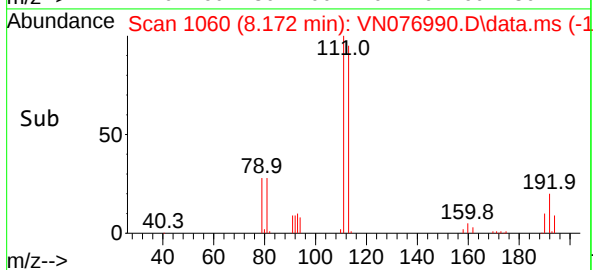
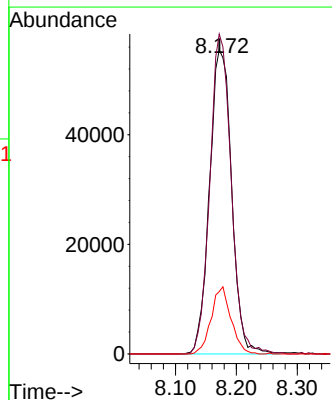
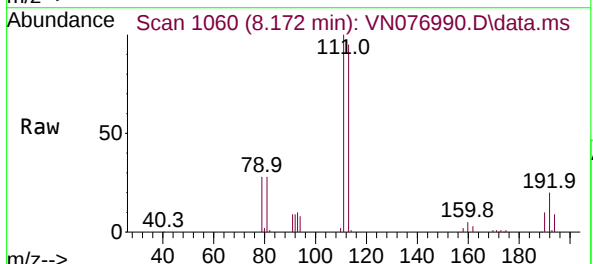
Tgt Ion:113 Resp: 140075

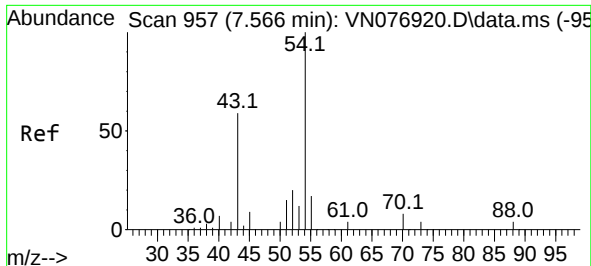
Ion Ratio Lower Upper

113 100

111 101.5 81.8 122.8

192 19.8 13.9 20.9

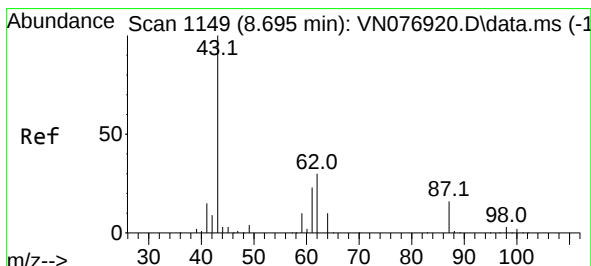
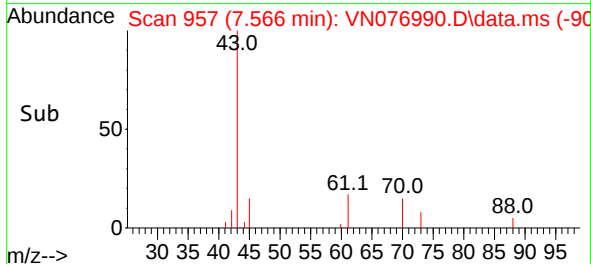
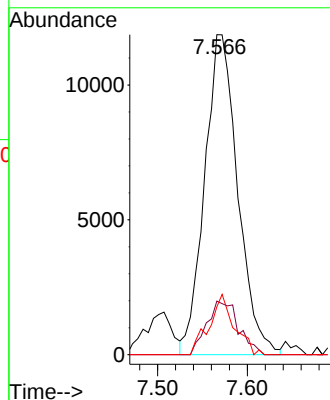
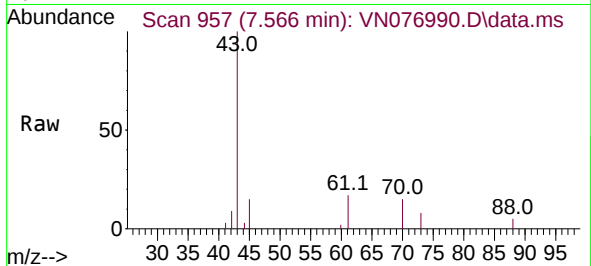




#37
Ethyl Acetate
Concen: 8.634 ug/l
RT: 7.566 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN076990.D
Acq: 14 Mar 2023 18:22

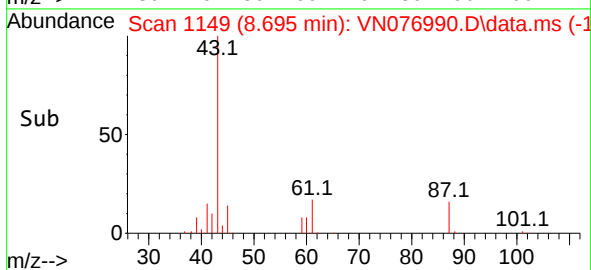
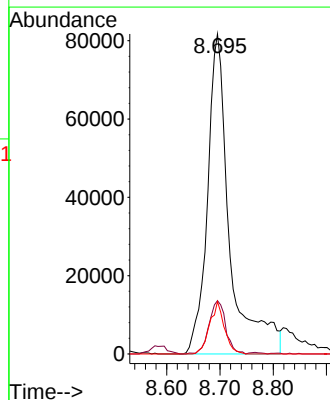
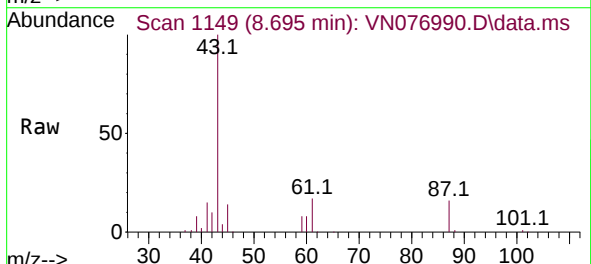
Instrument :
MSVOA_N
ClientSampleId :
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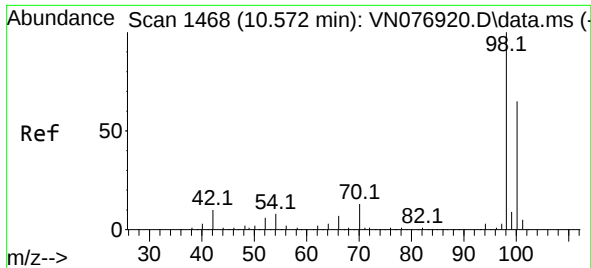
Tgt Ion:	43	Resp:	30444
Ion	Ratio	Lower	Upper
43	100		
61	16.0	13.5	20.3
70	14.3	11.0	16.6



#43
Isopropyl Acetate
Concen: 38.152 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN076990.D
Acq: 14 Mar 2023 18:22

Tgt Ion:	43	Resp:	237488
Ion	Ratio	Lower	Upper
43	100		
61	12.4	26.2	39.2#
87	10.8	14.8	22.2#

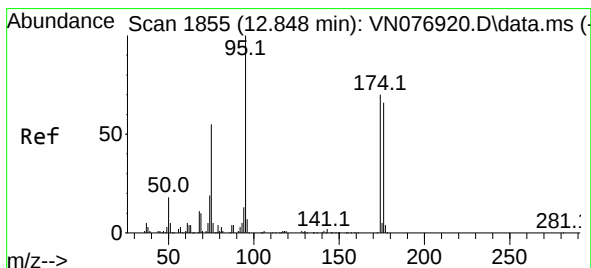
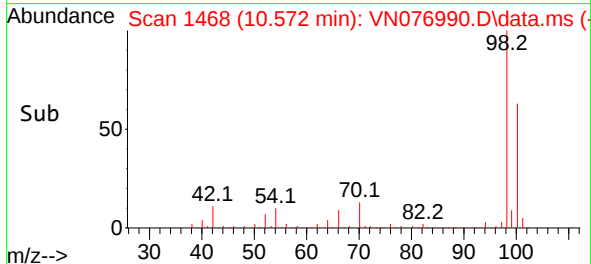
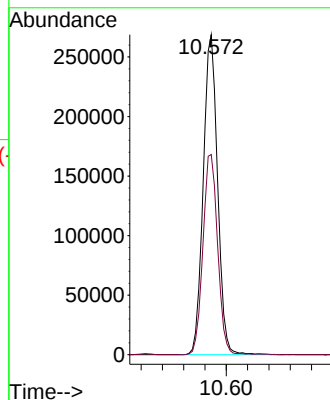
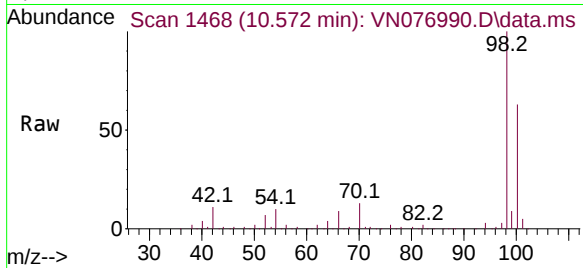




#50
Toluene-d8
Concen: 47.793 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN076990.D
Acq: 14 Mar 2023 18:22

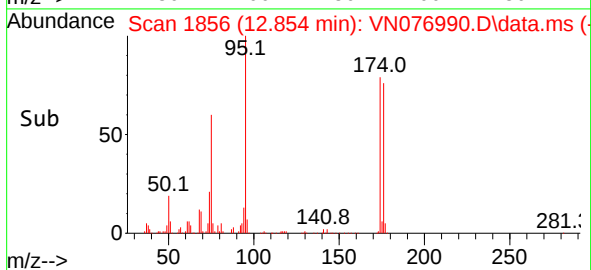
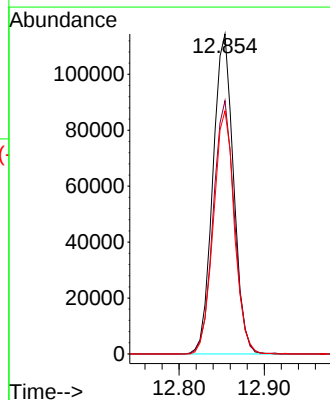
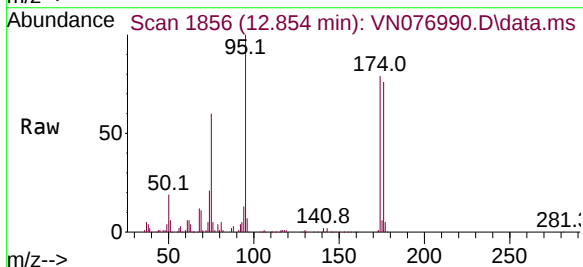
Instrument :
MSVOA_N
ClientSampleId :
COMP-SOIL

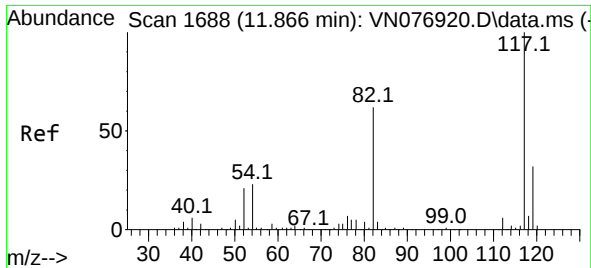
Tgt Ion: 98 Resp: 502177
Ion Ratio Lower Upper
98 100
100 64.0 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 50.061 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076990.D
Acq: 14 Mar 2023 18:22

Tgt Ion: 95 Resp: 192394
Ion Ratio Lower Upper
95 100
174 80.8 0.0 162.4
176 77.1 0.0 157.4

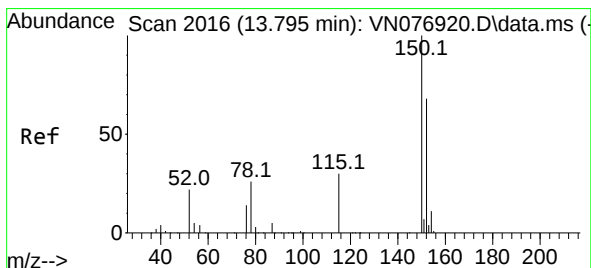
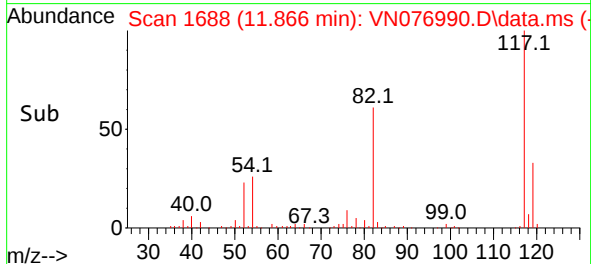
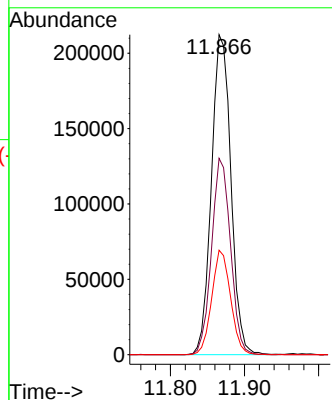
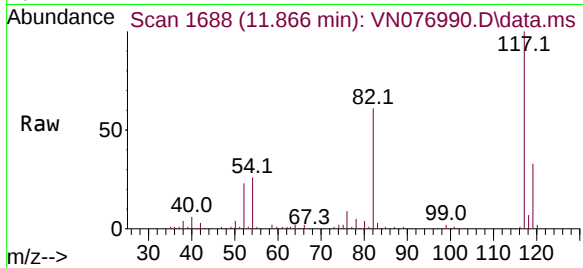




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076990.D
Acq: 14 Mar 2023 18:22

Instrument :
MSVOA_N
ClientSampleId :
COMP-SOIL

Tgt Ion:117 Resp: 387072
Ion Ratio Lower Upper
117 100
82 61.4 43.5 65.3
119 32.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN076990.D
Acq: 14 Mar 2023 18:22

Tgt Ion:152 Resp: 176954
Ion Ratio Lower Upper
152 100
115 67.0 30.3 90.9
150 157.1 0.0 353.6

