

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080123\
 Data File : VD076892.D
 Acq On : 01 Aug 2023 14:17
 Operator : KP/SY
 Sample : 03849-01
 Misc : 4.25G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GROVE-SOIL-0731

Quant Time: Aug 02 01:28:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

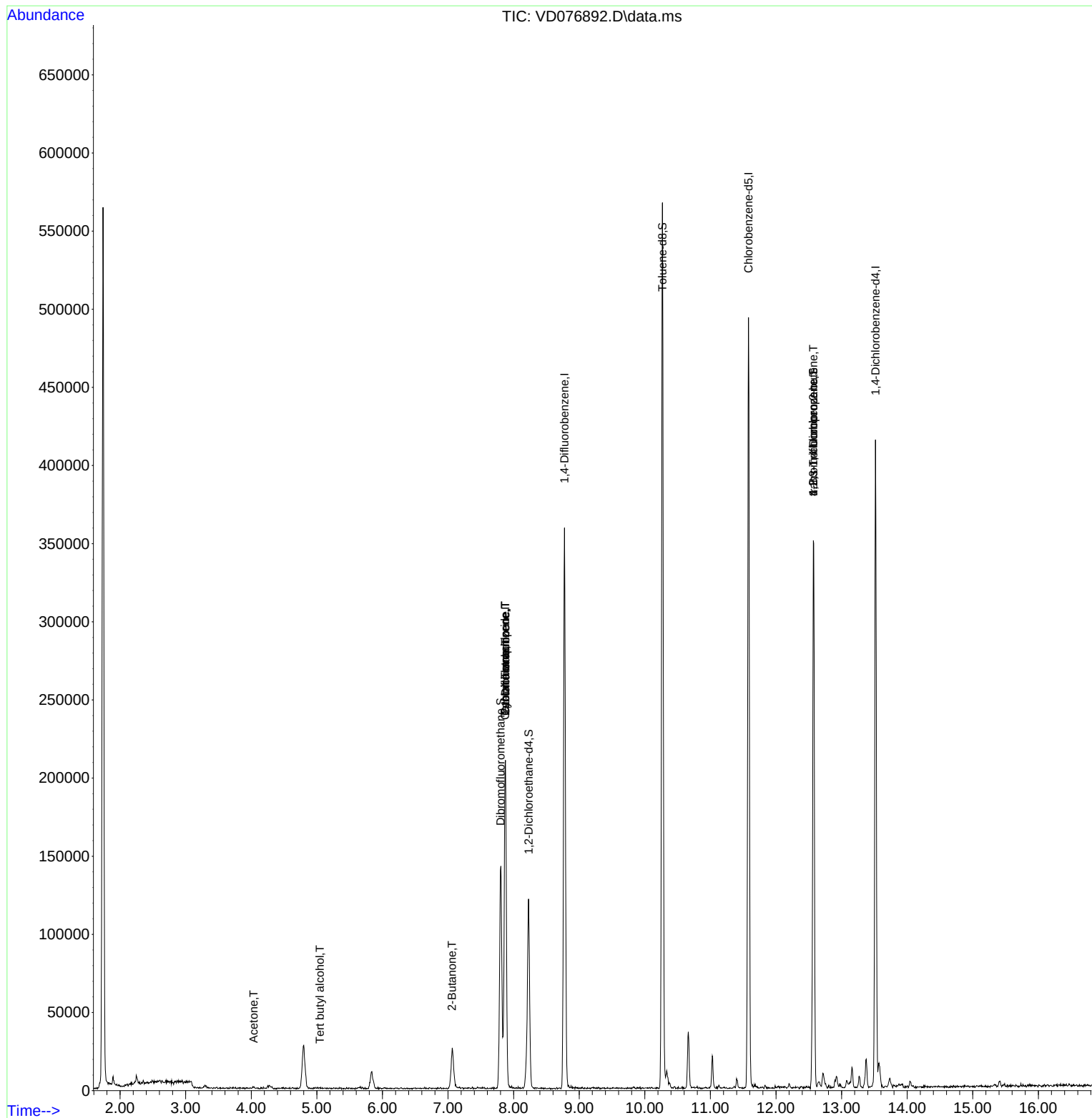
Internal Standards						
1) Pentafluorobenzene	7.875	168	165034	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	325641	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	291564	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	109053	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	86132	52.398	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 104.800%		
35) Dibromofluoromethane	7.799	113	106705	52.144	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 104.280%		
50) Toluene-d8	10.269	98	397487	54.297	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 108.600%		
62) 4-Bromofluorobenzene	12.569	95	105071	44.367	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 88.740%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.046	59	150	1.223	ug/l #	73
16) Acetone	4.034	43	921	2.346	ug/l #	80
20) Methylene Chloride	4.799	84	22711	Below Cal		95
25) 2-Butanone	7.058	43	1355	2.579	ug/l #	37
31) Cyclohexane	7.875	56	4131	1.708	ug/l #	62
36) 1,1-Dichloropropene	7.875	75	14041	5.251	ug/l #	49
38) Carbon Tetrachloride	7.869	117	17253	6.738	ug/l #	17
76) 1,2,3-Trichloropropane	12.569	75	55155	53.183	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	55155	113.187	ug/l #	18

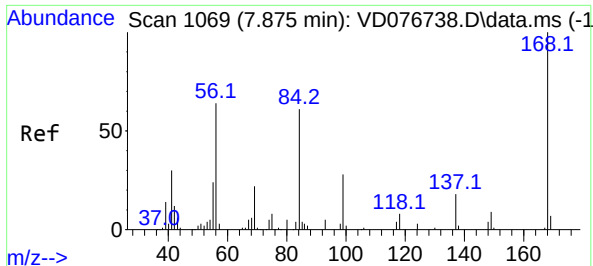
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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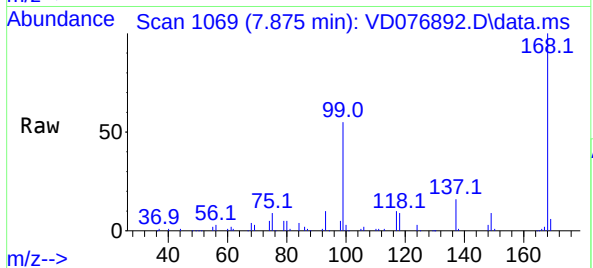
Quant Time: Aug 02 01:28:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 17 08:07:52 2023
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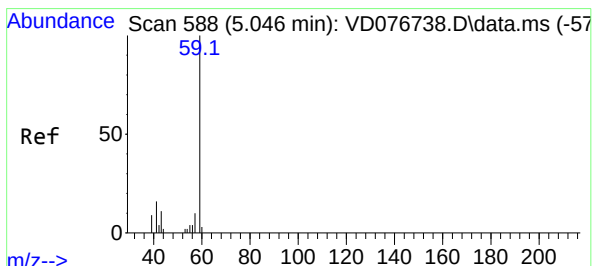
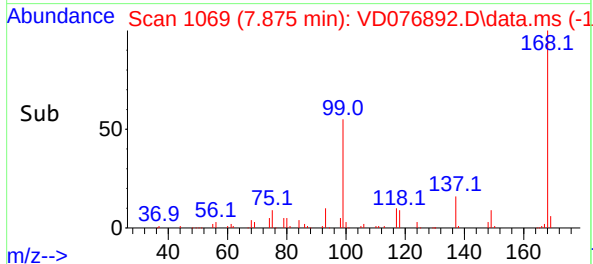
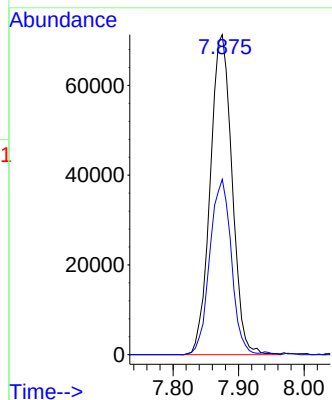


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076892.D
Acq: 01 Aug 2023 14:17

Instrument :
MSVOA_D
ClientSampleId :
GROVE-SOIL-0731

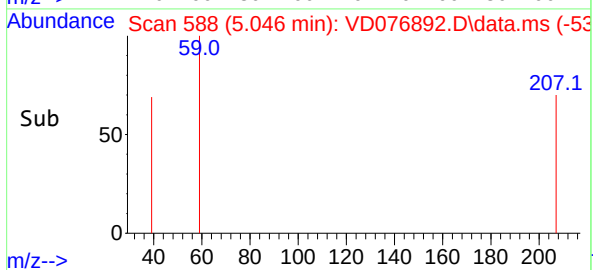
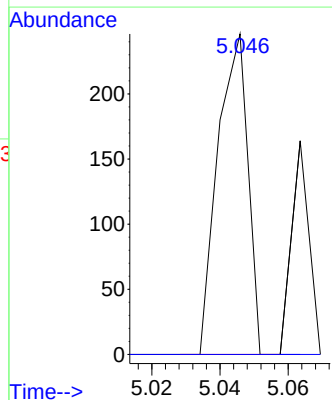
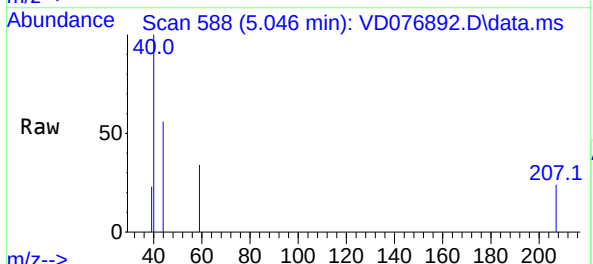


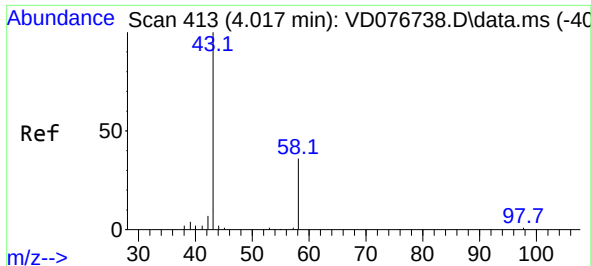
Tgt Ion:168 Resp: 165034
Ion Ratio Lower Upper
168 100
99 54.8 36.7 55.1



#11
Tert butyl alcohol
Concen: 1.223 ug/l
RT: 5.046 min Scan# 588
Delta R.T. -0.000 min
Lab File: VD076892.D
Acq: 01 Aug 2023 14:17

Tgt Ion: 59 Resp: 150
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

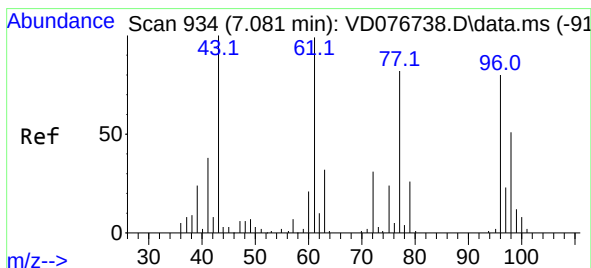
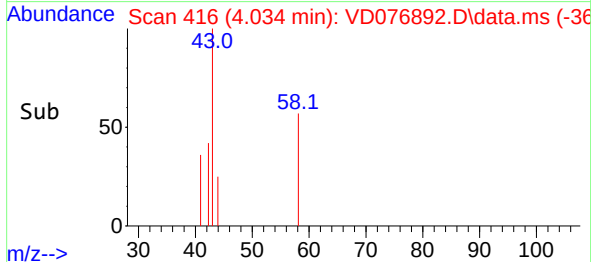
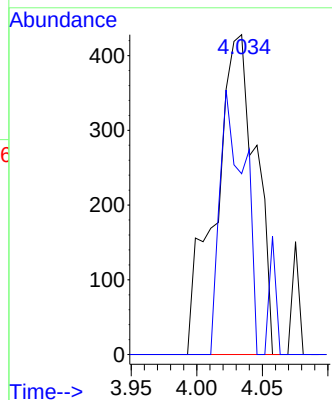
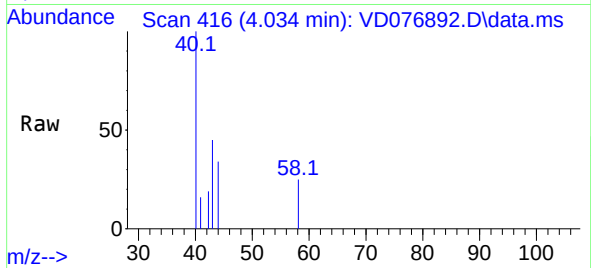




#16
Acetone
Concen: 2.346 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.017 min
Lab File: VD076892.D
Acq: 01 Aug 2023 14:17

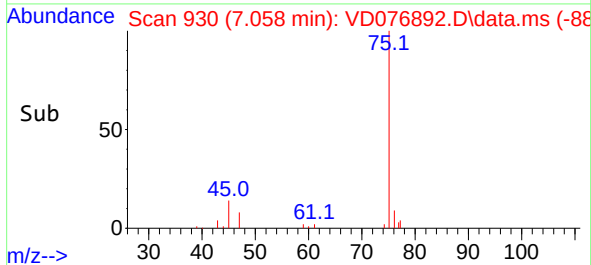
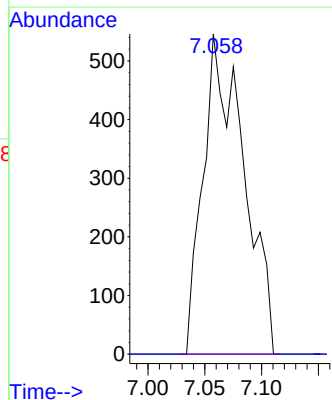
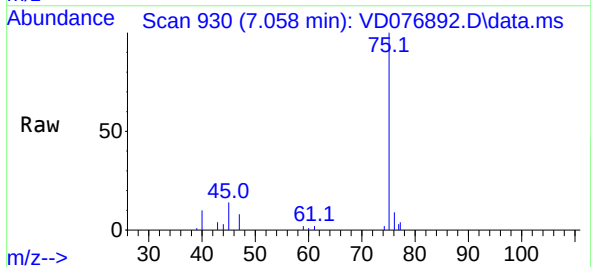
Instrument :
MSVOA_D
ClientSampleId :
GROVE-SOIL-0731

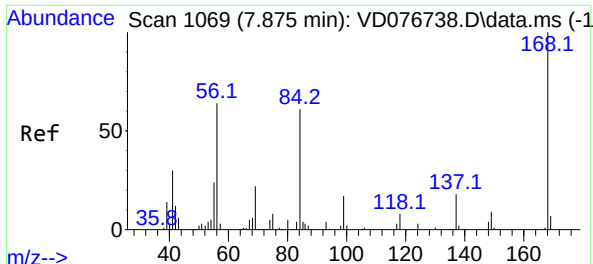
Tgt Ion: 43 Resp: 921
Ion Ratio Lower Upper
43 100
58 56.5 34.7 52.1#



#25
2-Butanone
Concen: 2.579 ug/l
RT: 7.058 min Scan# 930
Delta R.T. -0.023 min
Lab File: VD076892.D
Acq: 01 Aug 2023 14:17

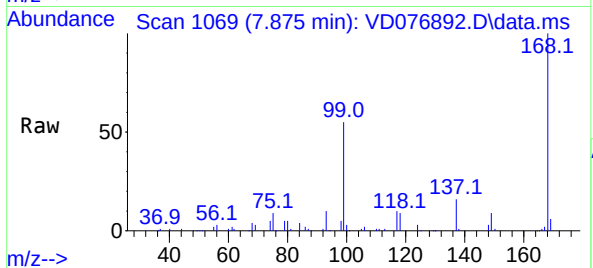
Tgt Ion: 43 Resp: 1355
Ion Ratio Lower Upper
43 100
72 0.0 30.7 46.1#



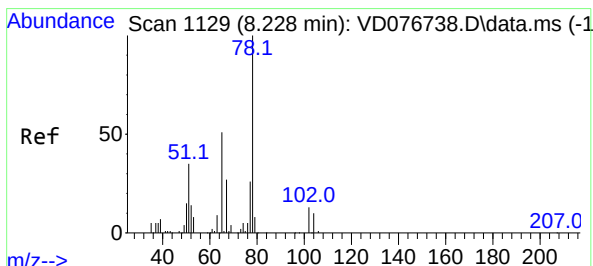
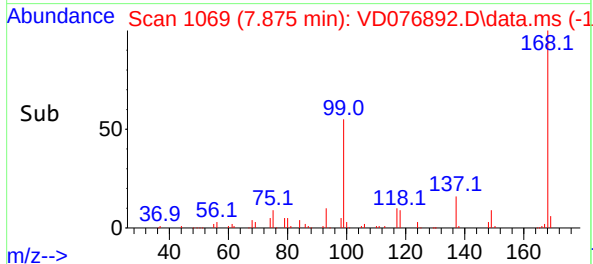
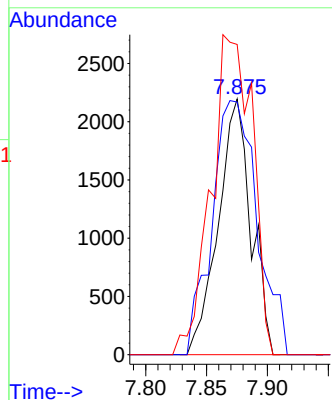


#31
Cyclohexane
Concen: 1.708 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076892.D
Acq: 01 Aug 2023 14:17

Instrument :
MSVOA_D
ClientSampleId :
GROVE-SOIL-0731

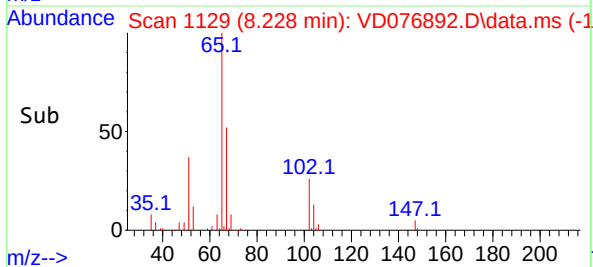
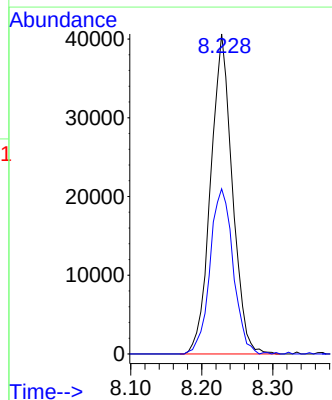
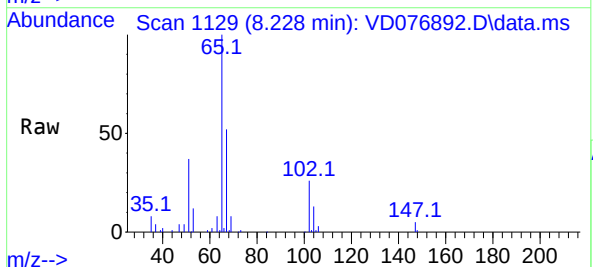


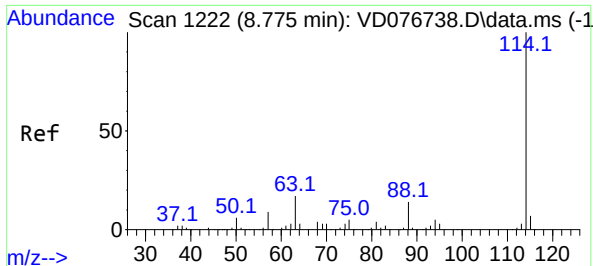
Tgt Ion: 56 Resp: 4131
Ion Ratio Lower Upper
56 100
69 98.8 28.6 43.0#
84 121.3 84.8 127.2



#33
1,2-Dichloroethane-d4
Concen: 52.398 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD076892.D
Acq: 01 Aug 2023 14:17

Tgt Ion: 65 Resp: 86132
Ion Ratio Lower Upper
65 100
67 55.2 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076892.D

Acq: 01 Aug 2023 14:17

Instrument :

MSVOA_D

ClientSampleId :

GROVE-SOIL-0731

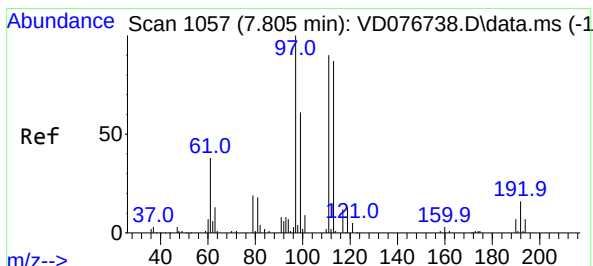
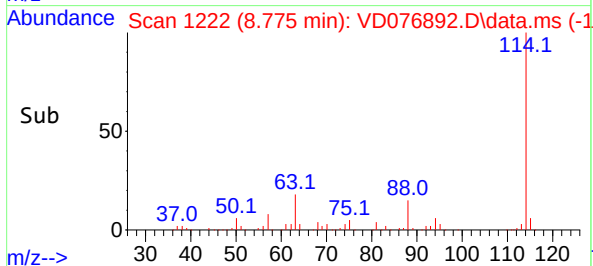
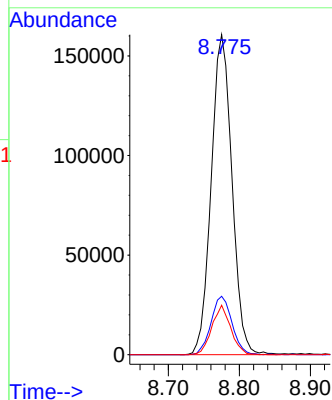
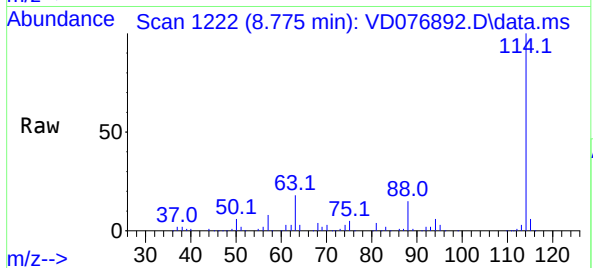
Tgt Ion:114 Resp: 325641

Ion Ratio Lower Upper

114 100

63 18.3 0.0 33.4

88 15.4 0.0 26.2



#35

Dibromofluoromethane

Concen: 52.144 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD076892.D

Acq: 01 Aug 2023 14:17

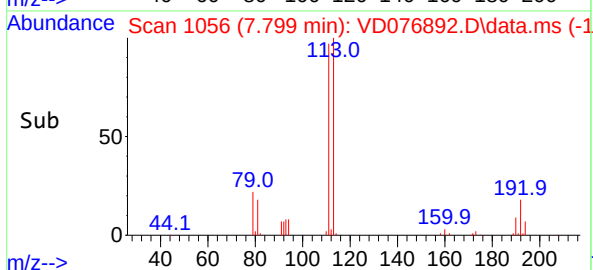
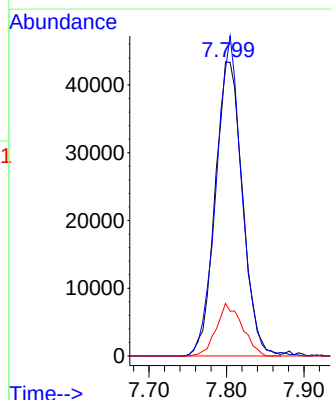
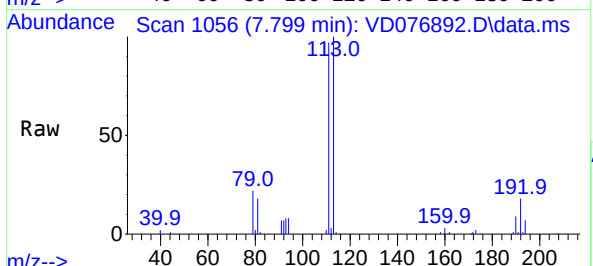
Tgt Ion:113 Resp: 106705

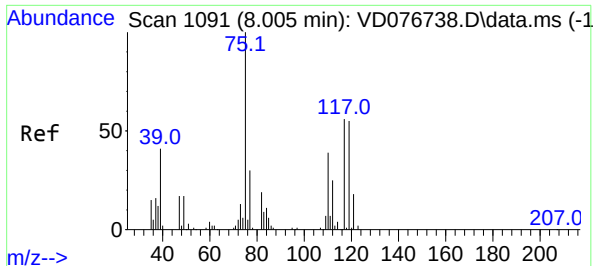
Ion Ratio Lower Upper

113 100

111 101.6 84.7 127.1

192 16.8 16.8 25.2





#36

1,1-Dichloropropene

Concen: 5.251 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.130 min

Lab File: VD076892.D

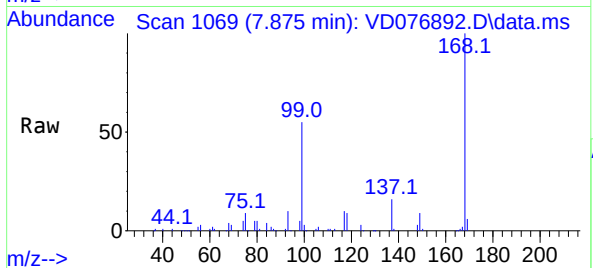
Acq: 01 Aug 2023 14:17

Instrument :

MSVOA_D

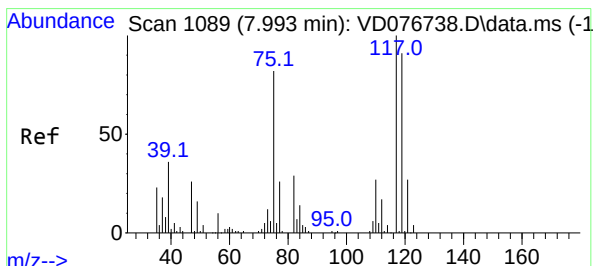
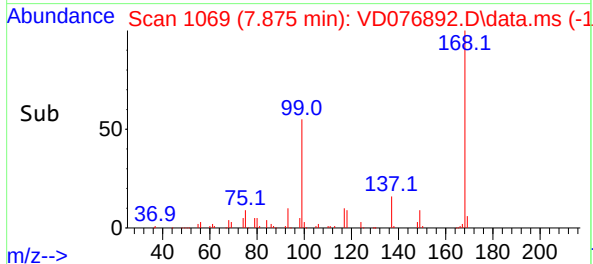
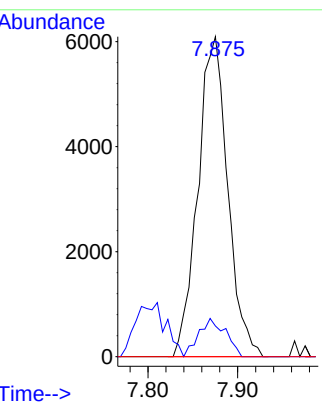
ClientSampleId :

GROVE-SOIL-0731



Tgt Ion: 75 Resp: 14041

Ion	Ratio	Lower	Upper
75	100		
110	10.7	19.9	59.6#
77	0.0	24.7	37.1#



#38

Carbon Tetrachloride

Concen: 6.738 ug/l

RT: 7.869 min Scan# 1068

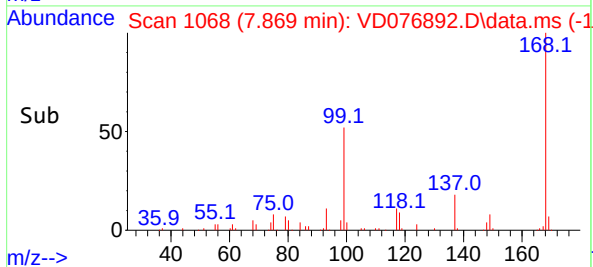
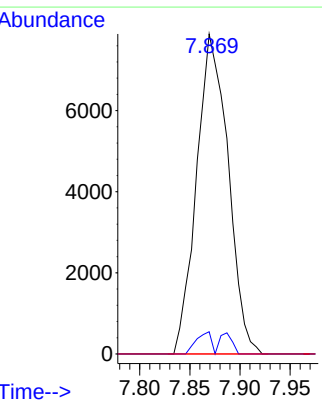
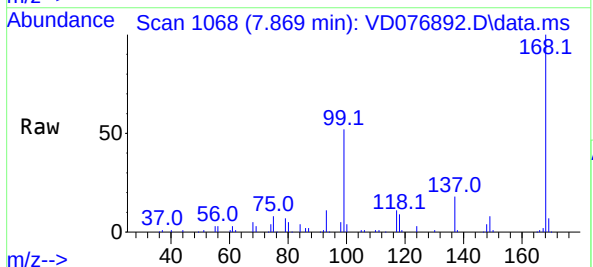
Delta R.T. -0.124 min

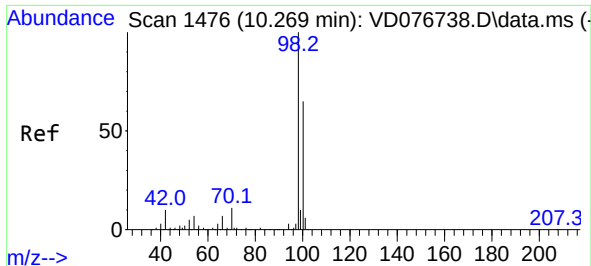
Lab File: VD076892.D

Acq: 01 Aug 2023 14:17

Tgt Ion: 117 Resp: 17253

Ion	Ratio	Lower	Upper
117	100		
119	7.0	78.0	117.0#
121	0.0	24.2	36.2#

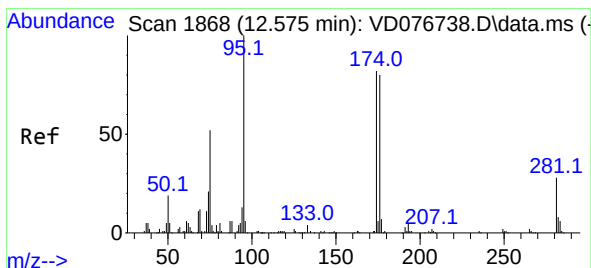
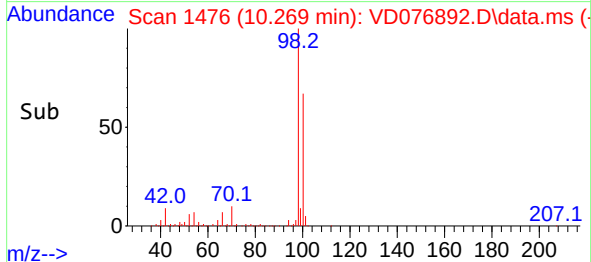
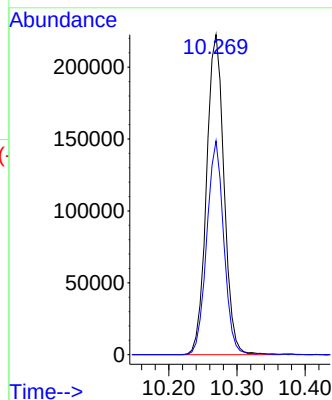
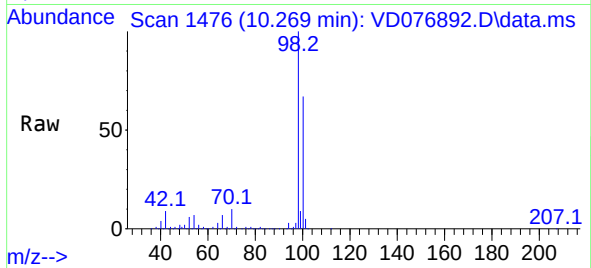




#50
Toluene-d8
Concen: 54.297 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076892.D
Acq: 01 Aug 2023 14:17

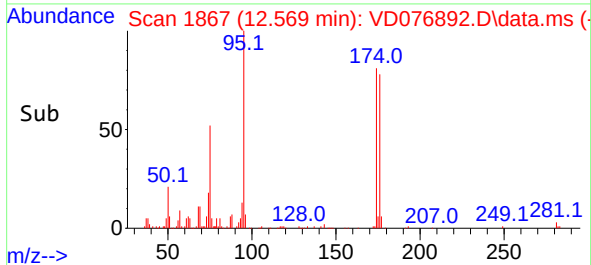
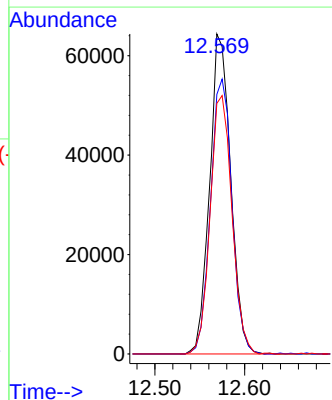
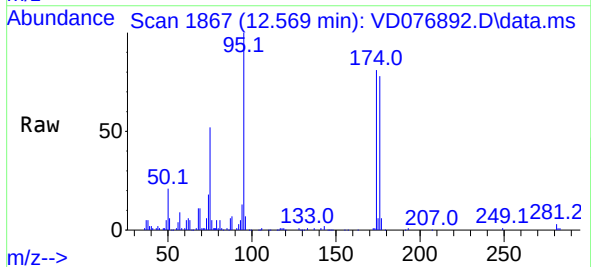
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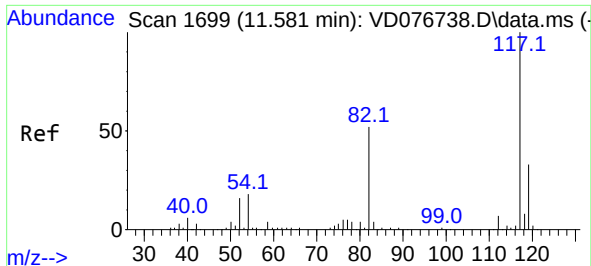
Tgt Ion: 98 Resp: 397487
Ion Ratio Lower Upper
98 100
100 64.9 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 44.367 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD076892.D
Acq: 01 Aug 2023 14:17

Tgt Ion: 95 Resp: 105071
Ion Ratio Lower Upper
95 100
174 87.3 0.0 201.8
176 83.5 0.0 191.8

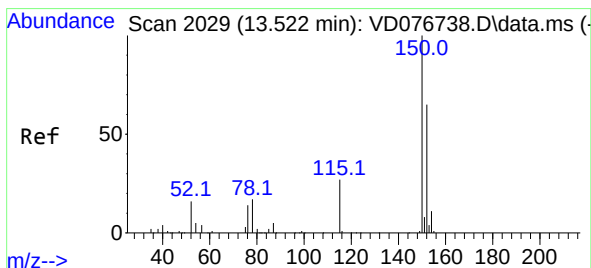
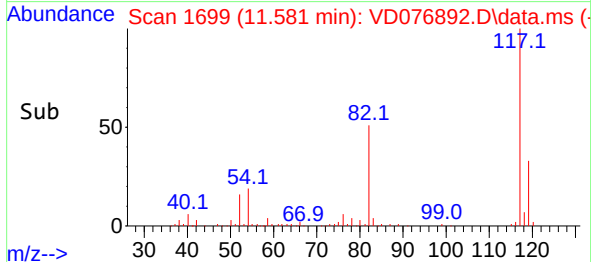
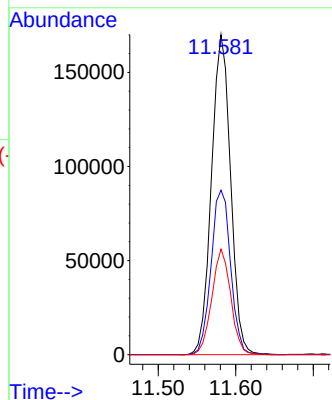
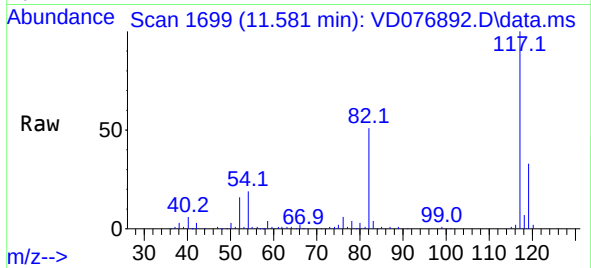




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076892.D
Acq: 01 Aug 2023 14:17

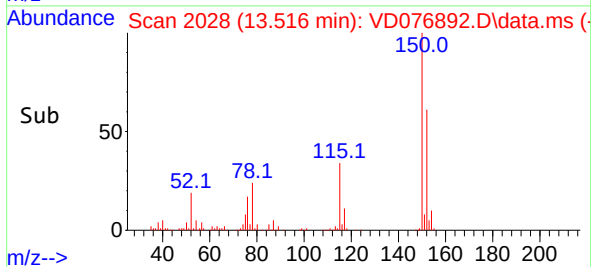
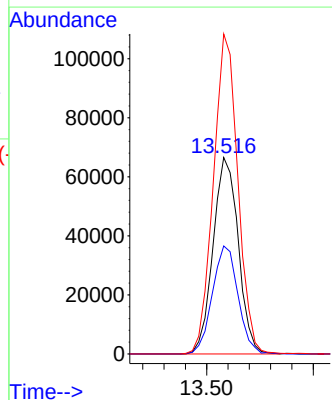
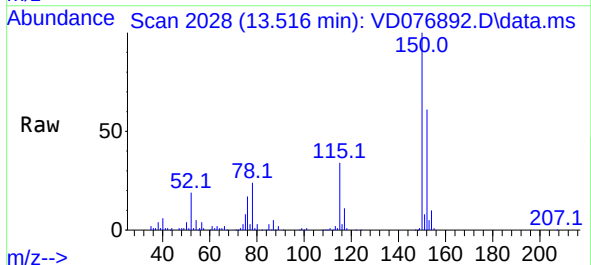
Instrument :
MSVOA_D
ClientSampleId :
GROVE-SOIL-0731

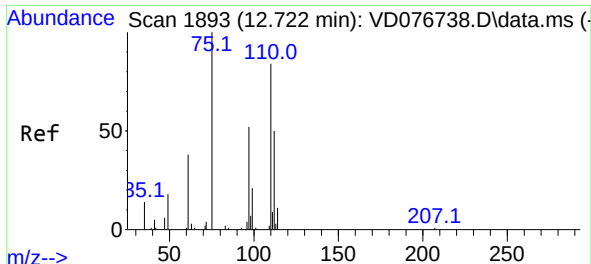
Tgt Ion:117 Resp: 291564
Ion Ratio Lower Upper
117 100
82 51.4 38.3 57.5
119 33.0 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076892.D
Acq: 01 Aug 2023 14:17

Tgt Ion:152 Resp: 109053
Ion Ratio Lower Upper
152 100
115 56.1 27.1 81.3
150 158.6 0.0 353.6

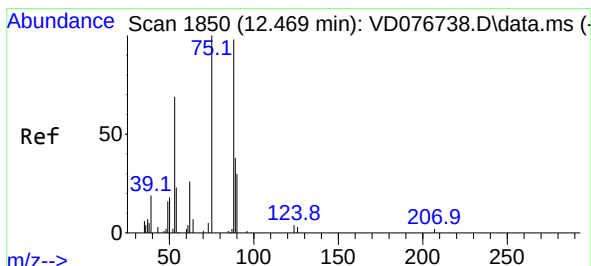
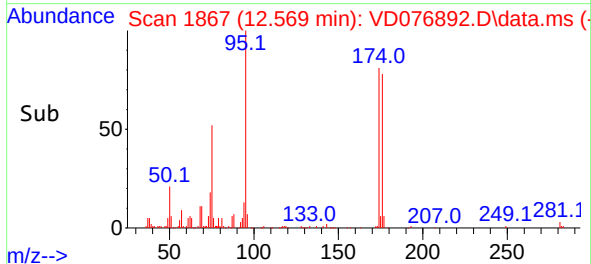
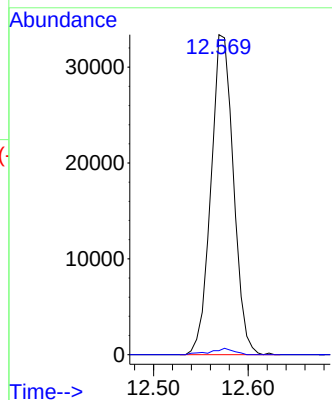
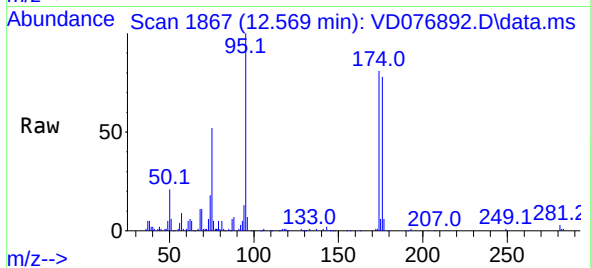




#76
1,2,3-Trichloropropane
Concen: 53.183 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD076892.D
Acq: 01 Aug 2023 14:17

Instrument :
MSVOA_D
ClientSampleId :
GROVE-SOIL-0731

Tgt Ion: 75 Resp: 55155
Ion Ratio Lower Upper
75 100
77 2.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 113.187 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD076892.D
Acq: 01 Aug 2023 14:17

Tgt Ion: 75 Resp: 55155
Ion Ratio Lower Upper
75 100
53 0.5 63.0 94.4#
89 0.0 37.9 56.9#

