

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110422\
 Data File : VD074733.D
 Acq On : 04 Nov 2022 12:59
 Operator : VA/SY
 Sample : N5430-03RE
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-COMP-1102

Quant Time: Nov 07 00:26:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

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

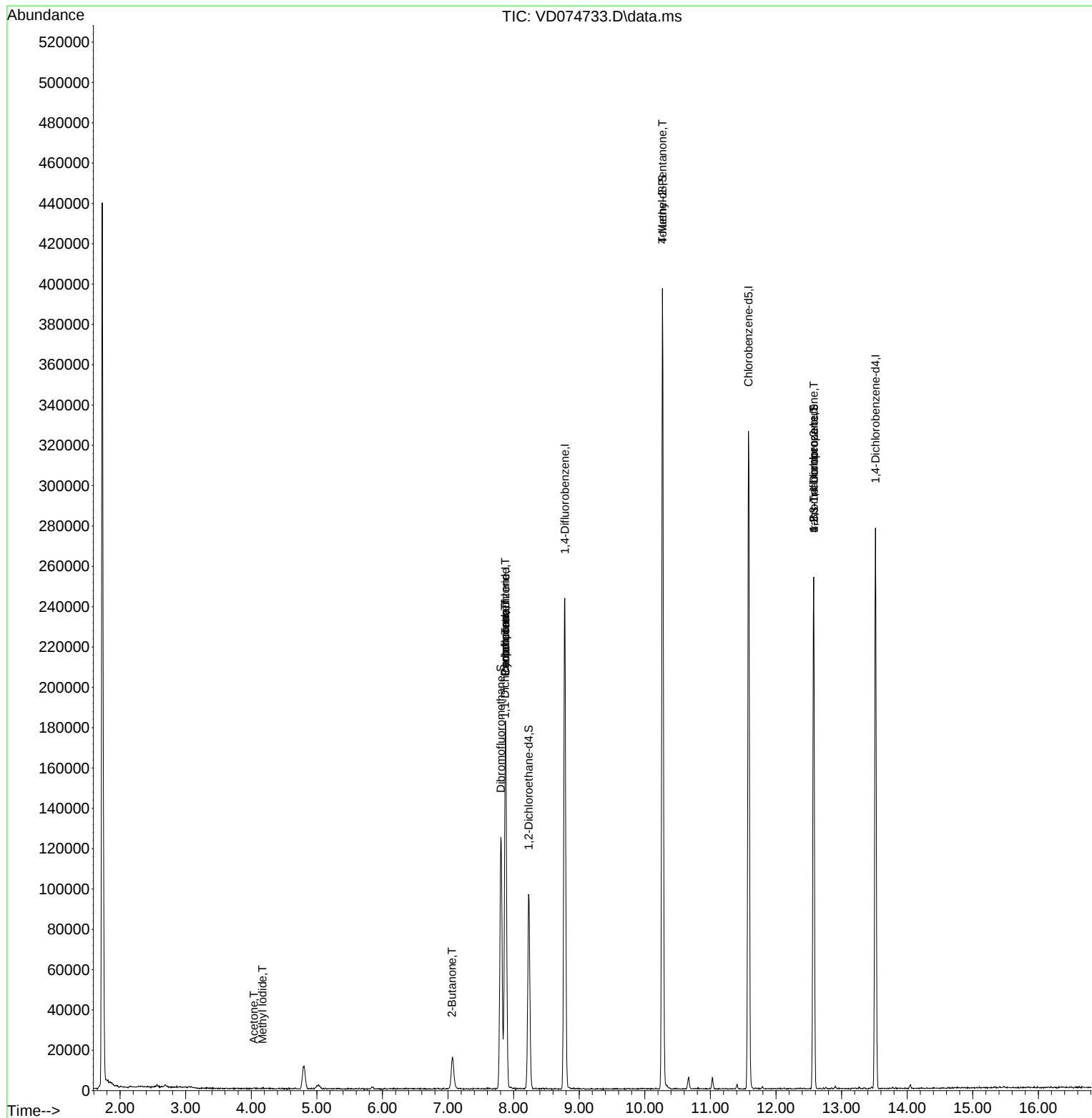
Internal Standards						
1) Pentafluorobenzene	7.875	168	150291	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	234390	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	207776	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	80416	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	75961	63.815	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.620%	
35) Dibromofluoromethane	7.805	113	93619	67.521	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 135.040%	
50) Toluene-d8	10.269	98	282370	55.831	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.660%	
62) 4-Bromofluorobenzene	12.575	95	77027	52.748	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 105.500%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.169	142	476	5.761	ug/l #	43
11) Tert butyl alcohol	5.028	59	1327	Below Cal	#	84
16) Acetone	4.040	43	259	1.043	ug/l #	37
20) Methylene Chloride	4.805	84	10134	Below Cal		99
25) 2-Butanone	7.058	43	416	1.218	ug/l #	42
31) Cyclohexane	7.875	56	2455	1.019	ug/l #	29
36) 1,1-Dichloropropene	7.869	75	10412	4.947	ug/l #	47
38) Carbon Tetrachloride	7.875	117	13959	7.001	ug/l #	17
51) 4-Methyl-2-Pentanone	10.269	43	775	1.223	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	38697	62.075	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	38697	147.351	ug/l #	17

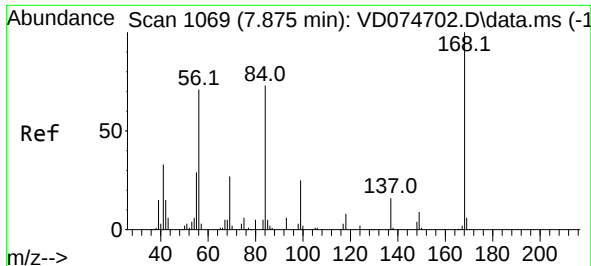
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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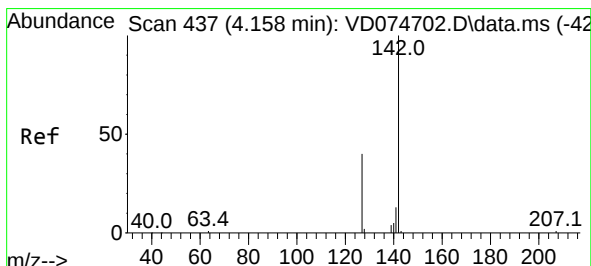
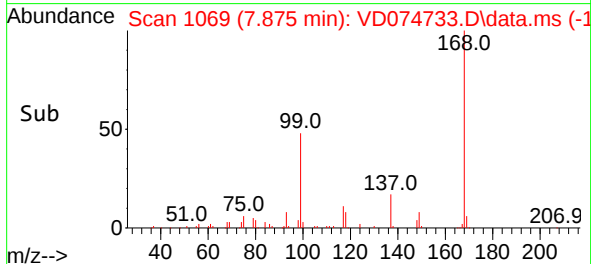
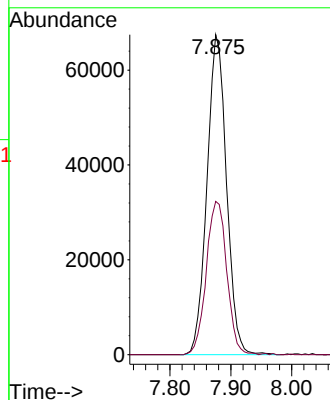
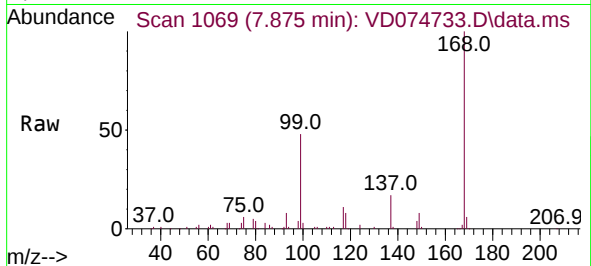




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074733.D
Acq: 04 Nov 2022 12:59

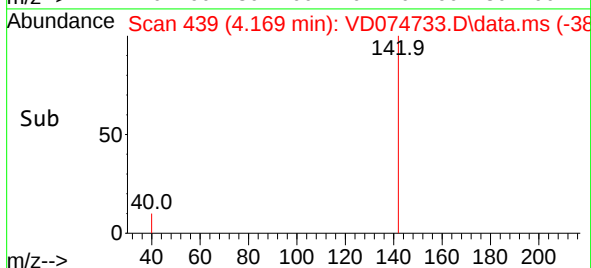
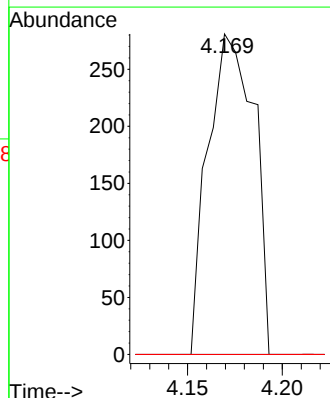
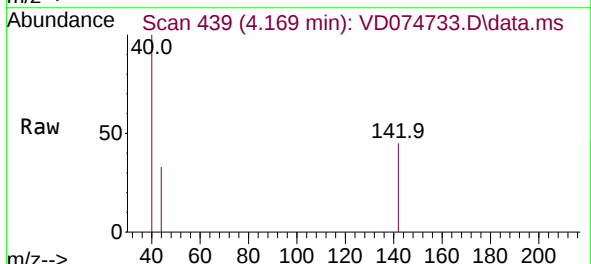
Instrument :
MSVOA_D
ClientSampleId :
SOIL-COMP-1102

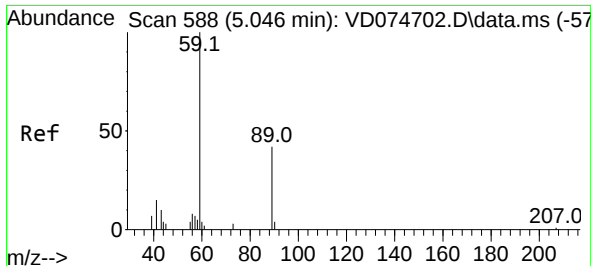
Tgt Ion:168 Resp: 150291
Ion Ratio Lower Upper
168 100
99 47.9 40.9 61.3



#10
Methyl Iodide
Concen: 5.761 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.011 min
Lab File: VD074733.D
Acq: 04 Nov 2022 12:59

Tgt Ion:142 Resp: 476
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#

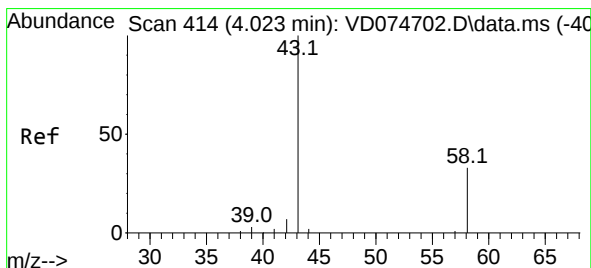
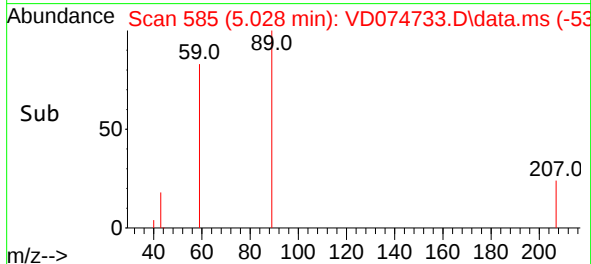
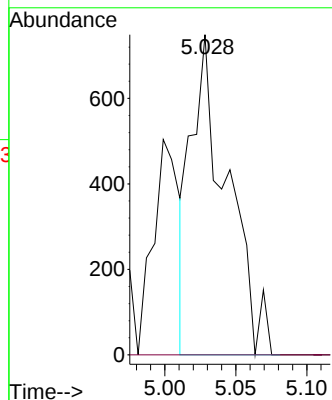
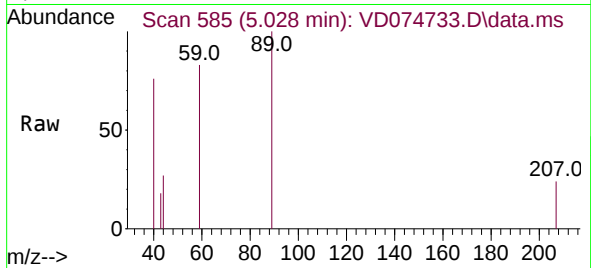




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.028 min Scan# 51
Delta R.T. -0.018 min
Lab File: VD074733.D
Acq: 04 Nov 2022 12:59

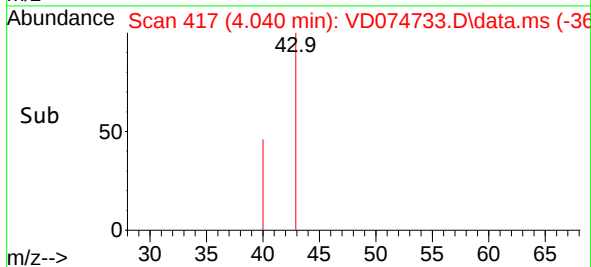
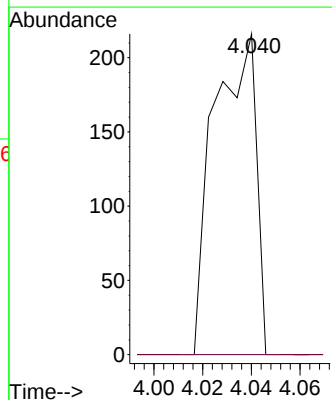
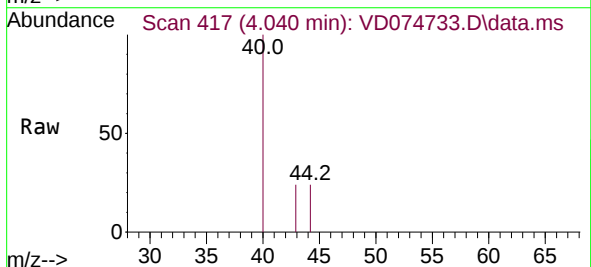
Instrument :
MSVOA_D
ClientSampleId :
SOIL-COMP-1102

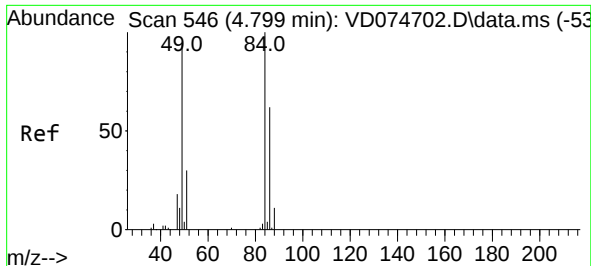
Tgt Ion: 59 Resp: 1327
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#



#16
Acetone
Concen: 1.043 ug/l
RT: 4.040 min Scan# 417
Delta R.T. 0.017 min
Lab File: VD074733.D
Acq: 04 Nov 2022 12:59

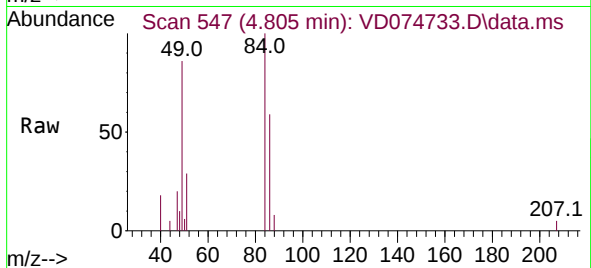
Tgt Ion: 43 Resp: 259
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2#



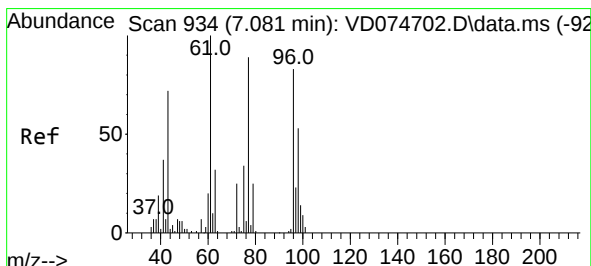
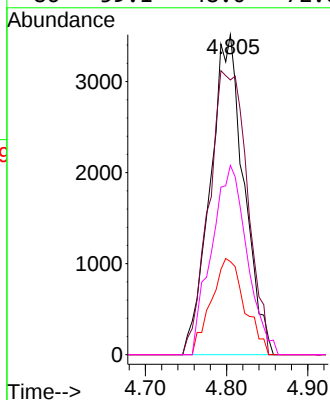
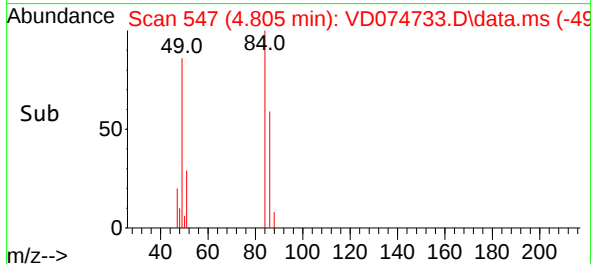


#20
Methylene Chloride
Concen: Below Cal
RT: 4.805 min Scan# 546
Delta R.T. 0.006 min
Lab File: VD074733.D
Acq: 04 Nov 2022 12:59

Instrument :
MSVOA_D
ClientSampleId :
SOIL-COMP-1102

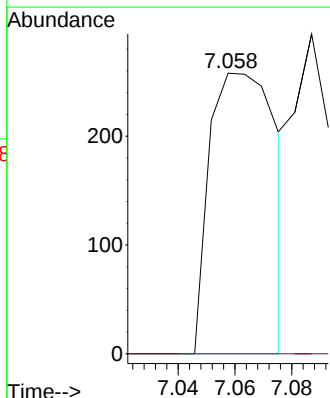
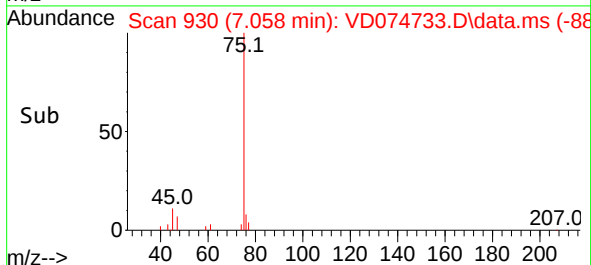
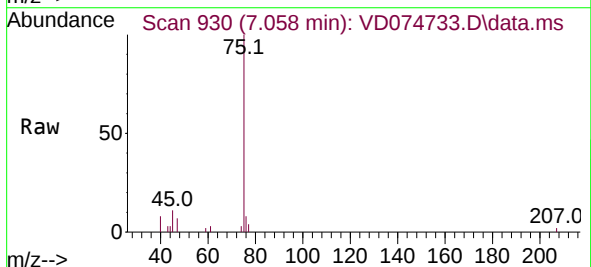


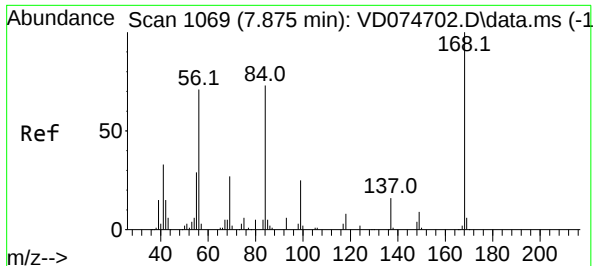
Tgt Ion: 84 Resp: 10134
Ion Ratio Lower Upper
84 100
49 85.9 68.0 102.0
51 29.1 23.2 34.8
86 59.1 48.0 72.0



#25
2-Butanone
Concen: 1.218 ug/l
RT: 7.058 min Scan# 930
Delta R.T. -0.023 min
Lab File: VD074733.D
Acq: 04 Nov 2022 12:59

Tgt Ion: 43 Resp: 416
Ion Ratio Lower Upper
43 100
72 0.0 25.8 38.8#

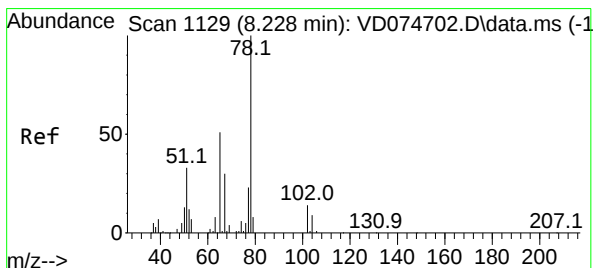
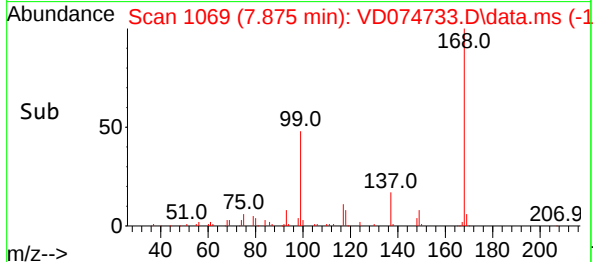
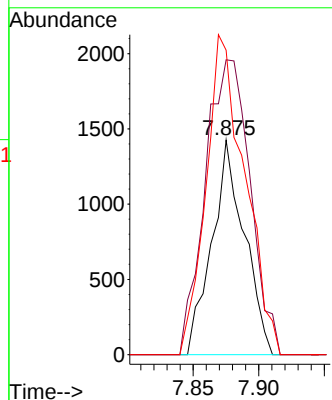
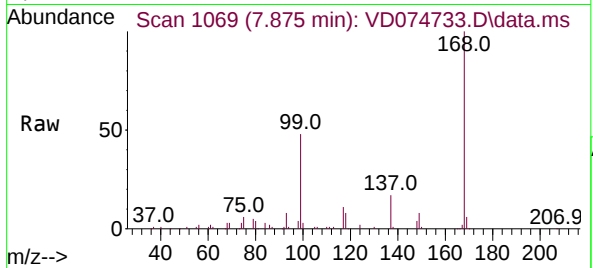




#31
Cyclohexane
Concen: 1.019 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074733.D
Acq: 04 Nov 2022 12:59

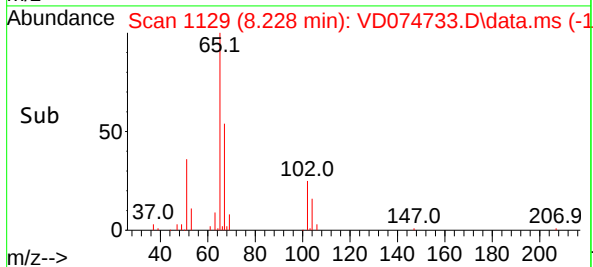
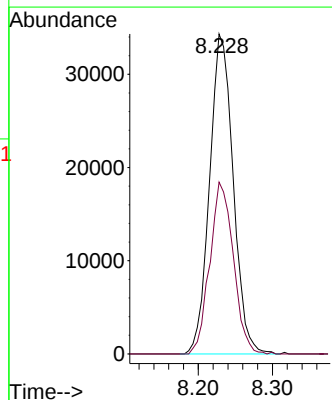
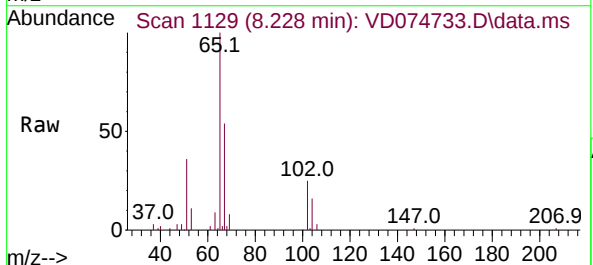
Instrument :
MSVOA_D
ClientSampleId :
SOIL-COMP-1102

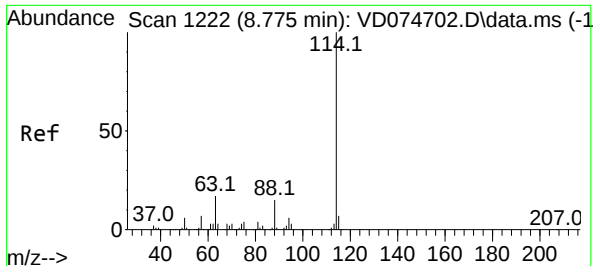
Tgt Ion: 56 Resp: 2455
Ion Ratio Lower Upper
56 100
69 137.5 29.2 43.8#
84 142.0 83.4 125.2#



#33
1,2-Dichloroethane-d4
Concen: 63.815 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD074733.D
Acq: 04 Nov 2022 12:59

Tgt Ion: 65 Resp: 75961
Ion Ratio Lower Upper
65 100
67 53.6 0.0 110.2

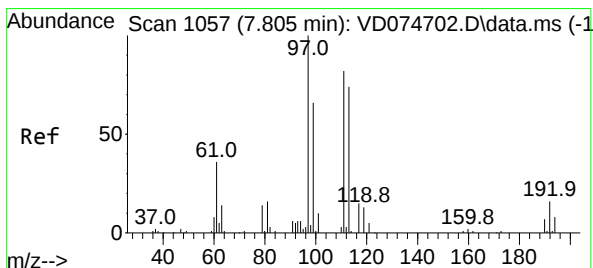
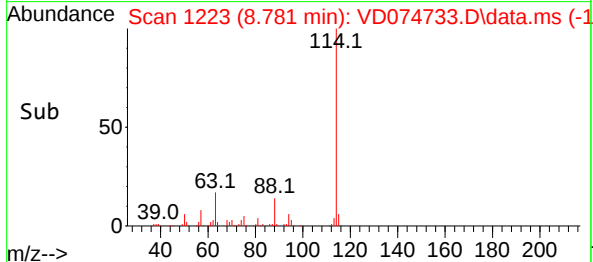
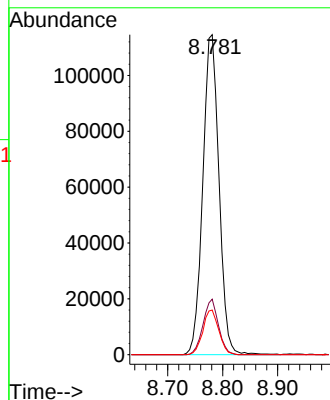
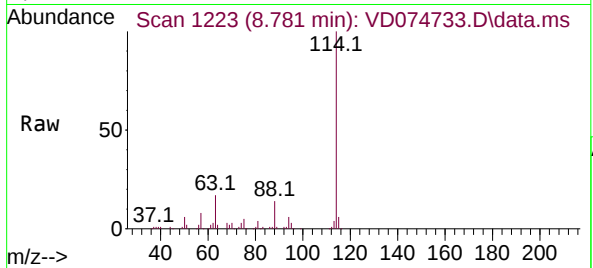




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074733.D
Acq: 04 Nov 2022 12:59

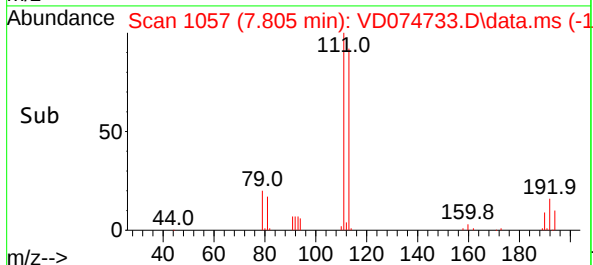
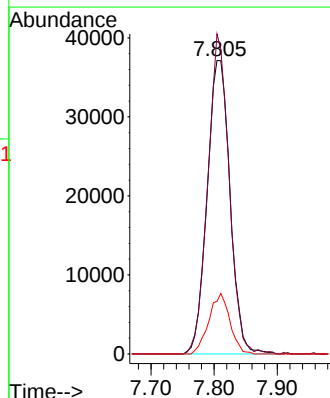
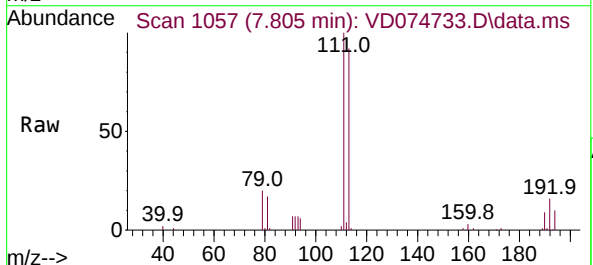
Instrument :
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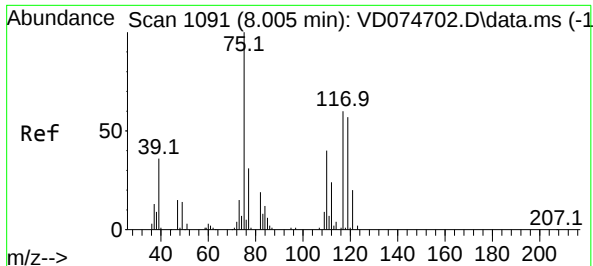
Tgt Ion:114 Resp: 234390
Ion Ratio Lower Upper
114 100
63 17.4 0.0 33.2
88 13.9 0.0 28.2



#35
Dibromofluoromethane
Concen: 67.521 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD074733.D
Acq: 04 Nov 2022 12:59

Tgt Ion:113 Resp: 93619
Ion Ratio Lower Upper
113 100
111 101.4 82.3 123.5
192 18.9 16.4 24.6





#36

1,1-Dichloropropene

Concen: 4.947 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.136 min

Lab File: VD074733.D

Acq: 04 Nov 2022 12:59

Instrument :

MSVOA_D

ClientSampleId :

SOIL-COMP-1102

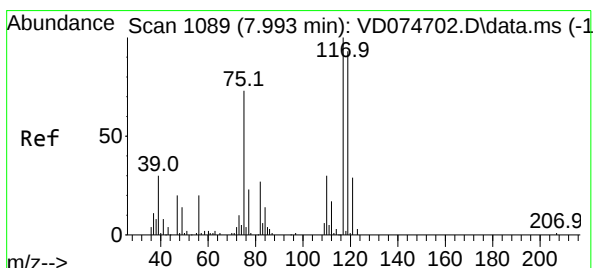
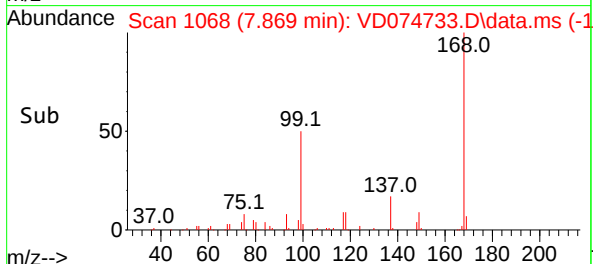
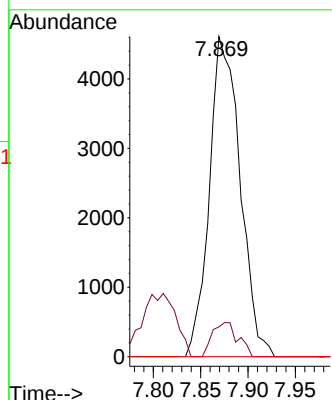
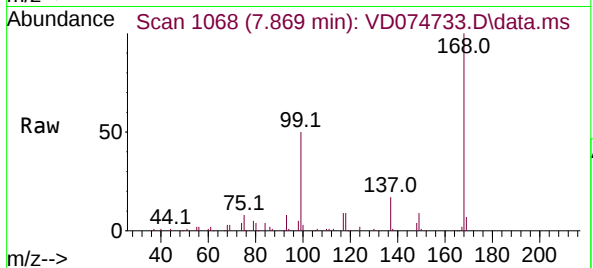
Tgt Ion: 75 Resp: 10412

Ion Ratio Lower Upper

75 100

110 8.9 19.7 59.0#

77 0.0 25.4 38.2#



#38

Carbon Tetrachloride

Concen: 7.001 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD074733.D

Acq: 04 Nov 2022 12:59

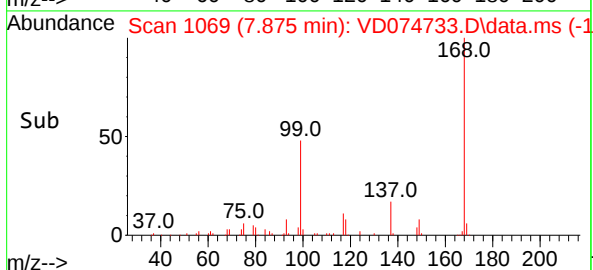
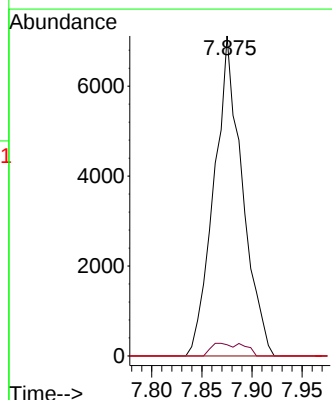
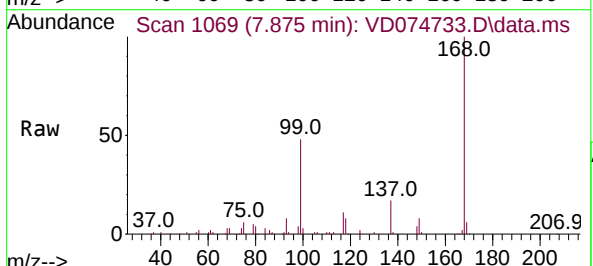
Tgt Ion: 117 Resp: 13959

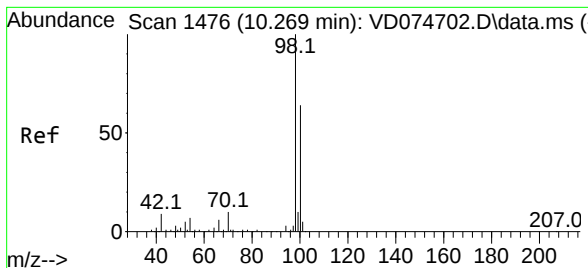
Ion Ratio Lower Upper

117 100

119 3.5 73.1 109.7#

121 0.0 25.0 37.6#

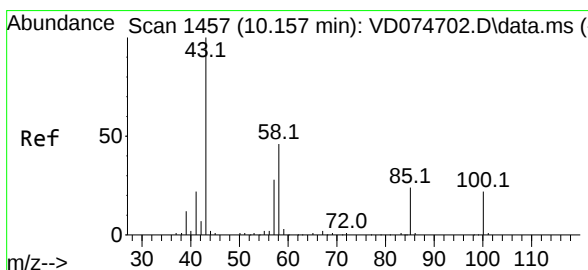
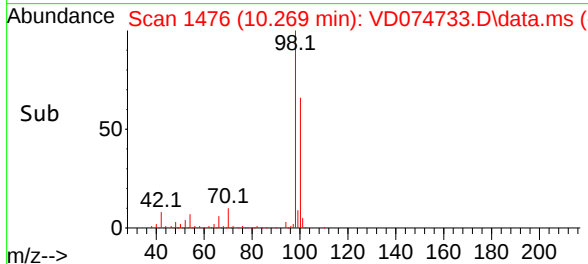
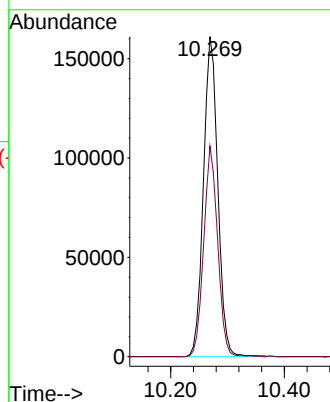
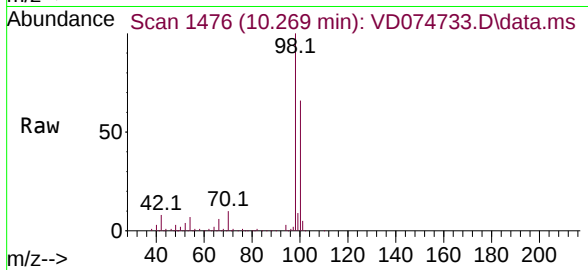




#50
Toluene-d8
Concen: 55.831 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074733.D
Acq: 04 Nov 2022 12:59

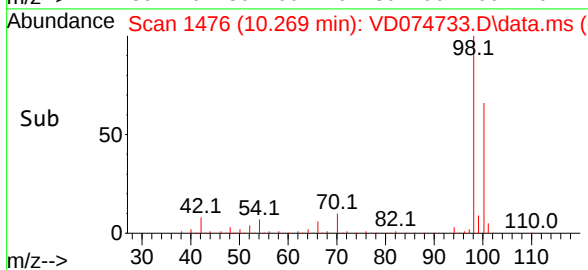
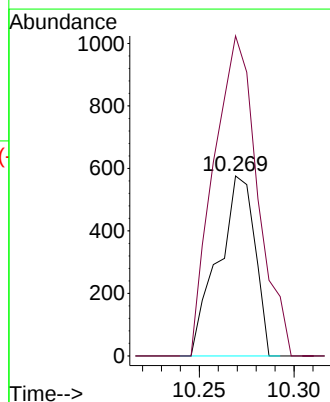
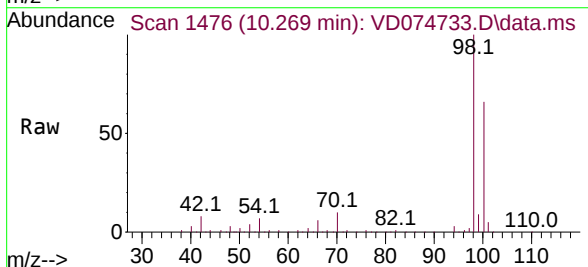
Instrument :
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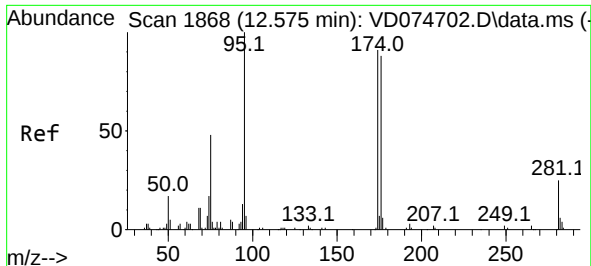
Tgt Ion: 98 Resp: 282370
Ion Ratio Lower Upper
98 100
100 63.9 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 1.223 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.112 min
Lab File: VD074733.D
Acq: 04 Nov 2022 12:59

Tgt Ion: 43 Resp: 775
Ion Ratio Lower Upper
43 100
58 212.4 37.8 56.6#

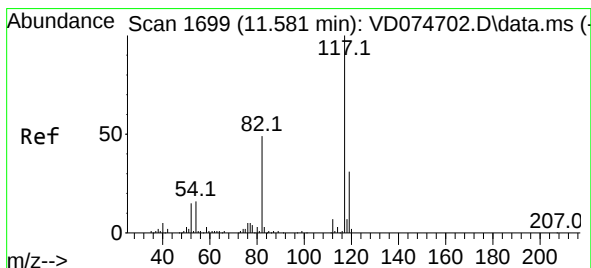
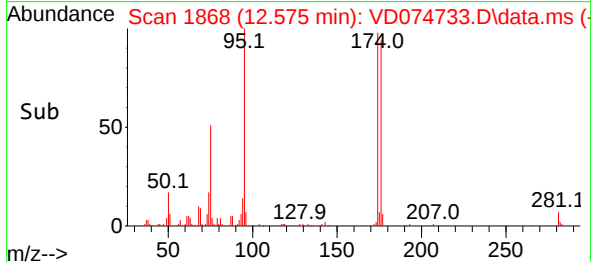
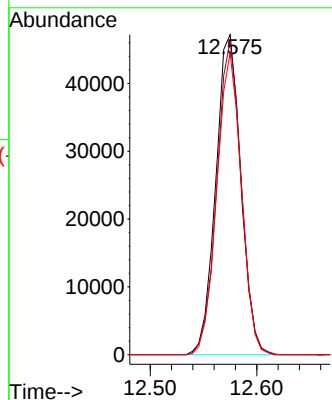
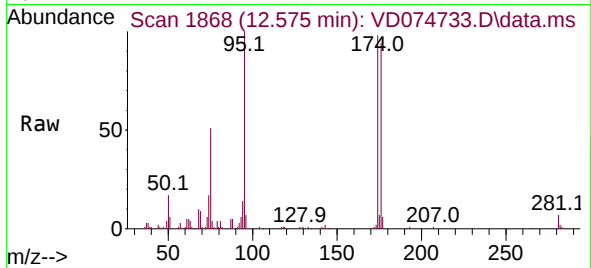




#62
4-Bromofluorobenzene
Concen: 52.748 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074733.D
Acq: 04 Nov 2022 12:59

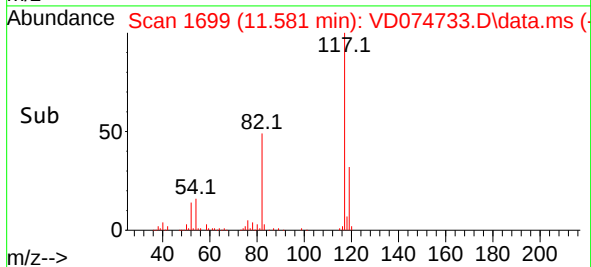
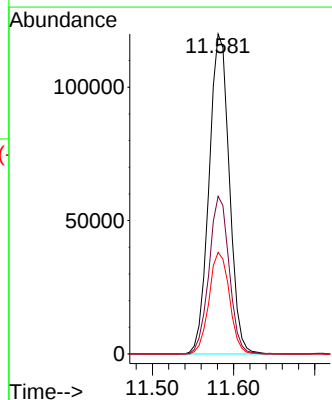
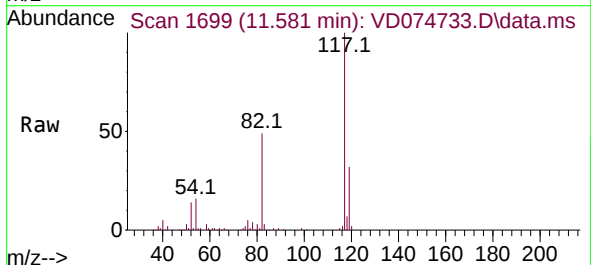
Instrument :
MSVOA_D
ClientSampleId :
SOIL-COMP-1102

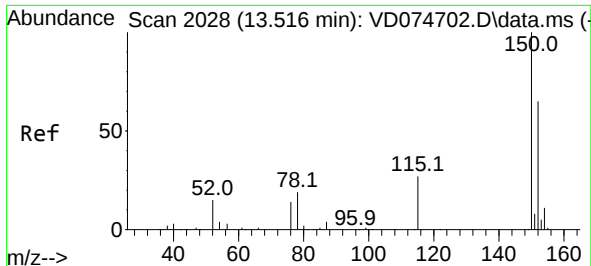
Tgt Ion: 95 Resp: 77027
Ion Ratio Lower Upper
95 100
174 95.4 0.0 197.0
176 92.0 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074733.D
Acq: 04 Nov 2022 12:59

Tgt Ion: 117 Resp: 207776
Ion Ratio Lower Upper
117 100
82 49.2 41.6 62.4
119 31.8 25.2 37.8

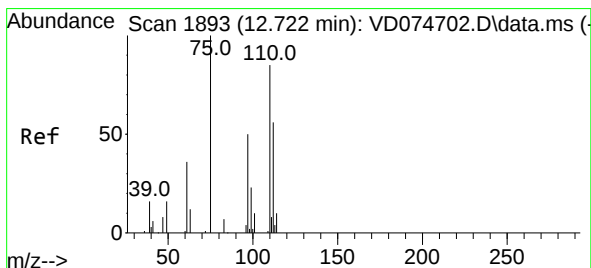
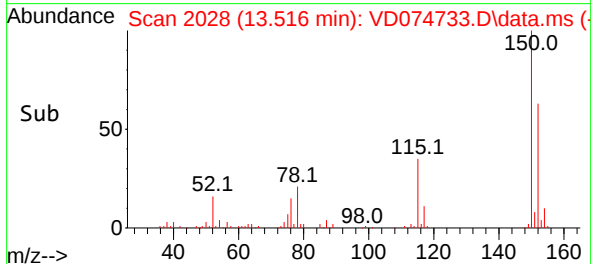
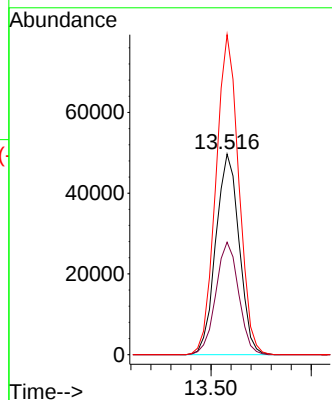
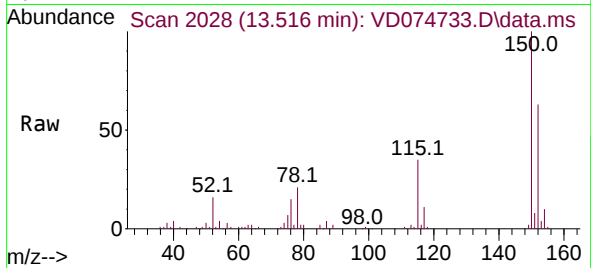




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD074733.D
 Acq: 04 Nov 2022 12:59

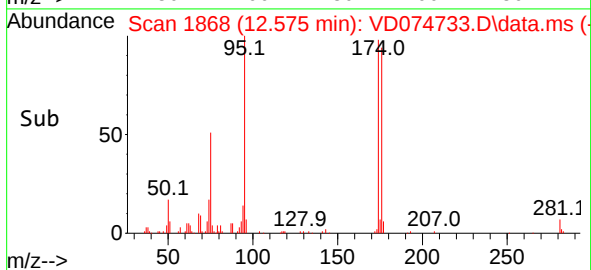
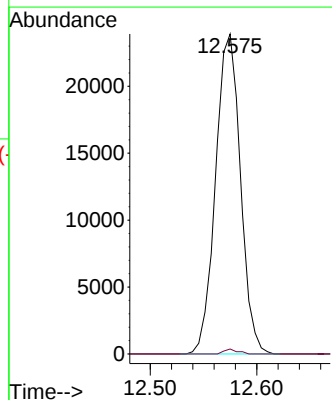
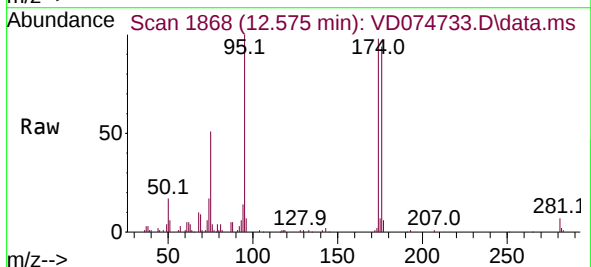
Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-COMP-1102

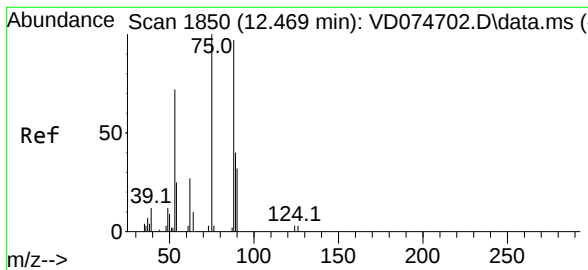
Tgt Ion:152 Resp: 80416
 Ion Ratio Lower Upper
 152 100
 115 54.8 26.8 80.4
 150 155.9 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 62.075 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.147 min
 Lab File: VD074733.D
 Acq: 04 Nov 2022 12:59

Tgt Ion: 75 Resp: 38697
 Ion Ratio Lower Upper
 75 100
 77 0.8 185.8 557.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 147.351 ug/l
RT: 12.575 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD074733.D
Acq: 04 Nov 2022 12:59

Instrument :
MSVOA_D
ClientSampleId :
SOIL-COMP-1102

Tgt Ion:	75	Resp:	38697
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.8	95.6#
89	0.0	38.2	57.4#

