

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111622\
 Data File : VD074948.D
 Acq On : 16 Nov 2022 14:58
 Operator : VA/SY
 Sample : N5642-03
 Misc : 6.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-PILE-23

Quant Time: Nov 17 00:21:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 14 00:51:58 2022
 Response via : Initial Calibration

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

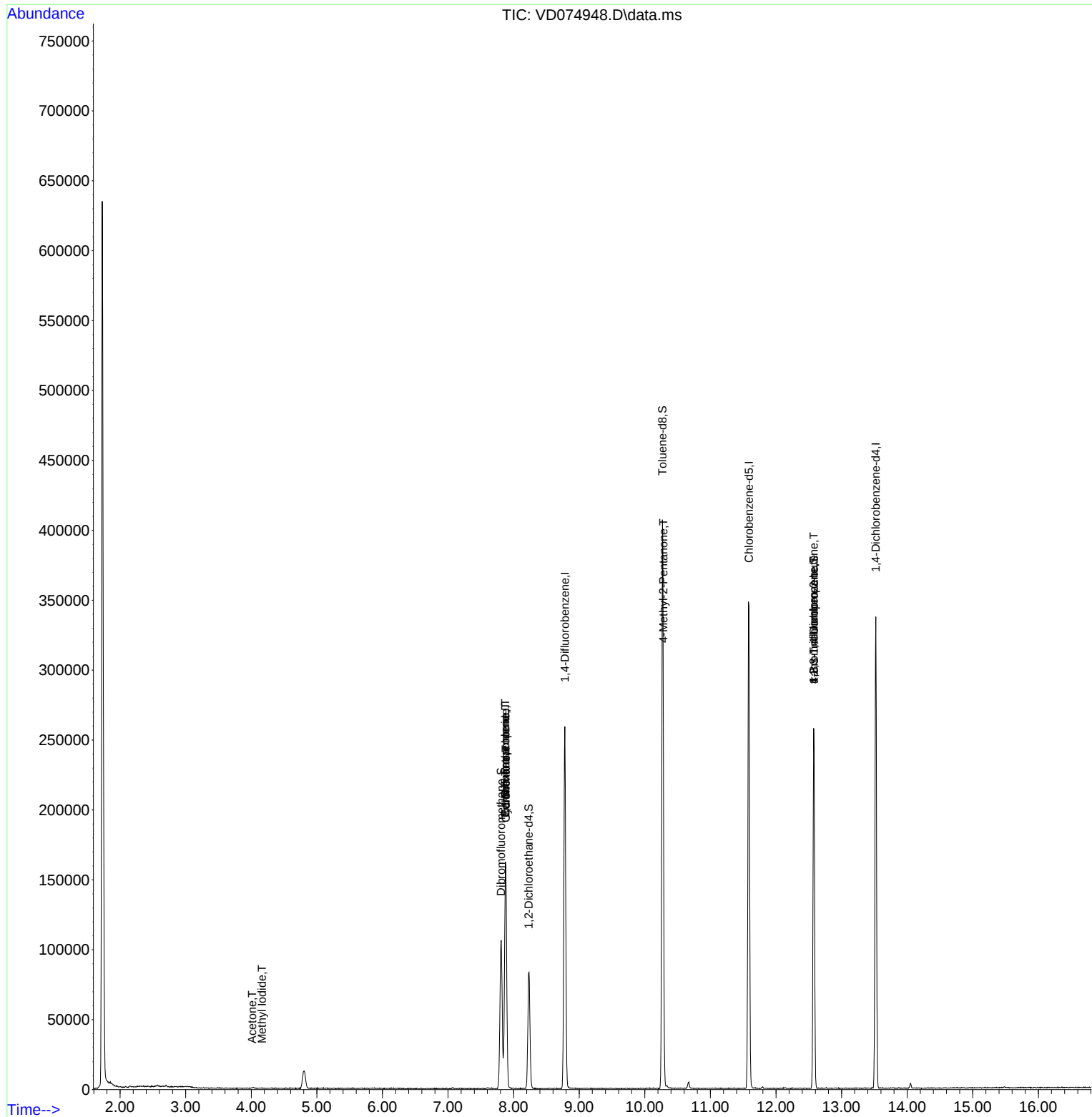
Internal Standards						
1) Pentafluorobenzene	7.875	168	133618	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	243759	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	224075	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	94509	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	66998	78.884	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 157.760%	
35) Dibromofluoromethane	7.810	113	79869	53.154	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.300%	
50) Toluene-d8	10.269	98	292295	59.054	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 118.100%	
62) 4-Bromofluorobenzene	12.575	95	80262	52.808	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 105.620%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.140	50	435	Below Cal	#	37
5) Bromomethane	2.705	94	566	Below Cal	#	40
10) Methyl Iodide	4.164	142	127	4.840	ug/l #	43
16) Acetone	4.017	43	616	2.793	ug/l	98
20) Methylene Chloride	4.805	84	11563	Below Cal		88
31) Cyclohexane	7.881	56	2481	1.274	ug/l #	24
36) 1,1-Dichloropropene	7.875	75	9427	4.269	ug/l #	43
38) Carbon Tetrachloride	7.875	117	13189	6.345	ug/l #	18
51) 4-Methyl-2-Pentanone	10.281	43	770	1.238	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	40666	51.445	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	40666	126.556	ug/l #	17

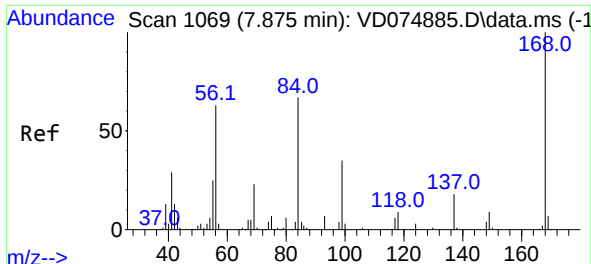
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampleId :
SOIL-PILE-23

Quant Time: Nov 17 00:21:04 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 14 00:51:58 2022
Response via : Initial Calibration

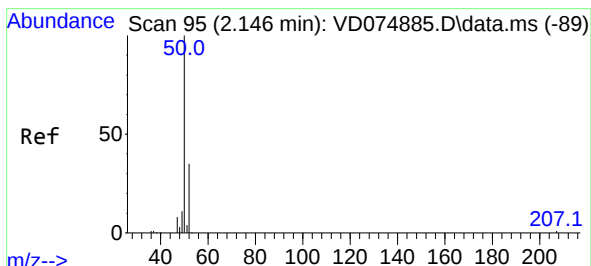
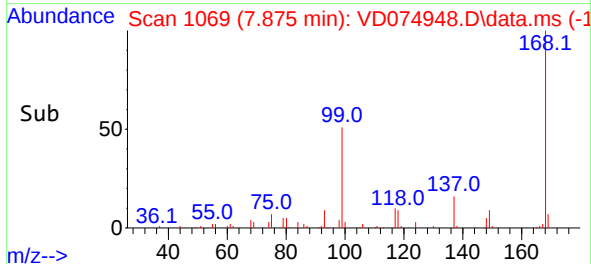
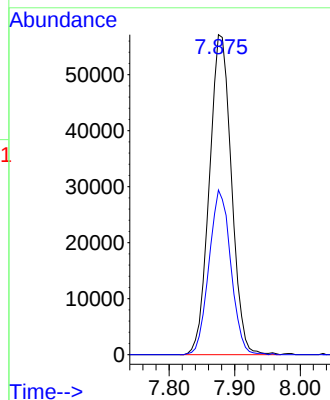
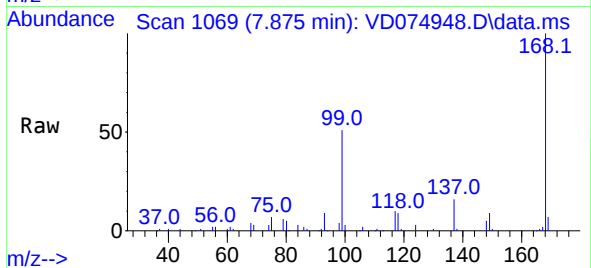




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074948.D
Acq: 16 Nov 2022 14:58

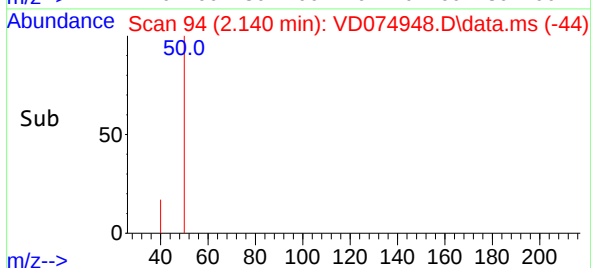
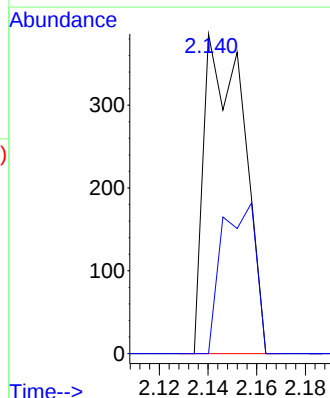
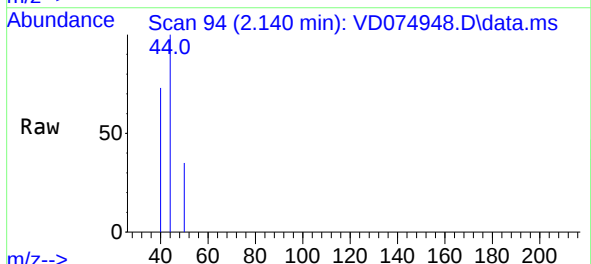
Instrument :
MSVOA_D
ClientSampleId :
SOIL-PILE-23

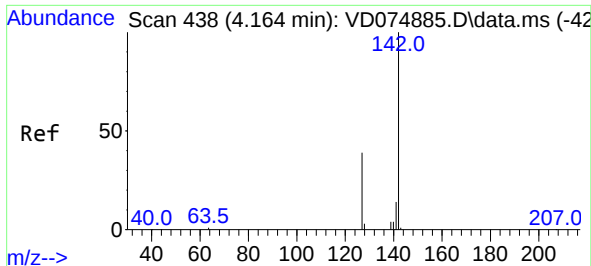
Tgt Ion:168 Resp: 133618
Ion Ratio Lower Upper
168 100
99 51.4 40.9 61.3



#3
Chloromethane
Concen: Below Cal
RT: 2.140 min Scan# 94
Delta R.T. -0.006 min
Lab File: VD074948.D
Acq: 16 Nov 2022 14:58

Tgt Ion: 50 Resp: 435
Ion Ratio Lower Upper
50 100
52 0.0 30.0 45.0#

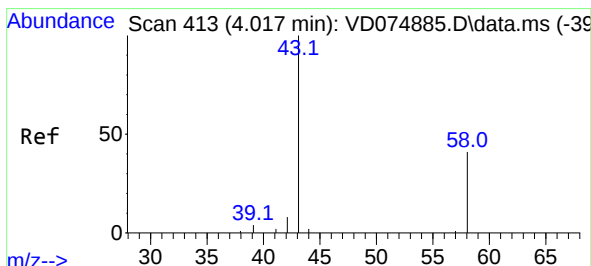
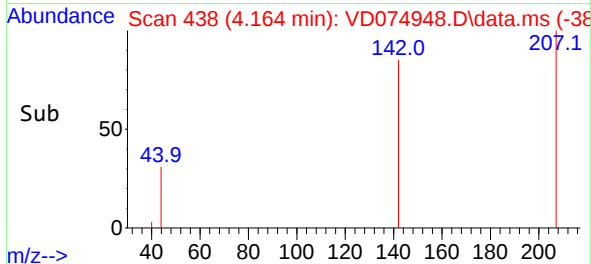
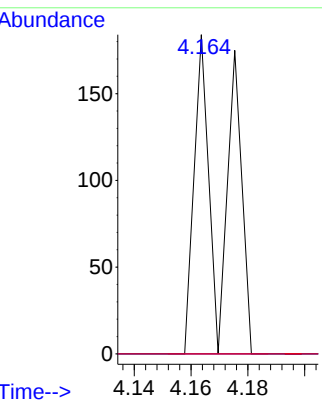
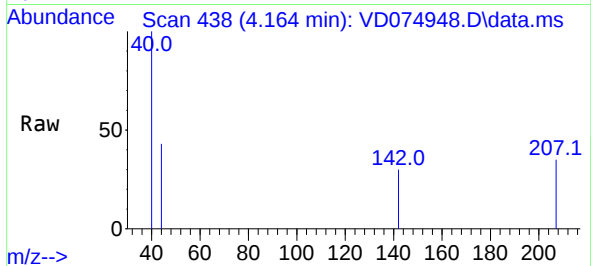




#10
Methyl Iodide
Concen: 4.840 ug/l
RT: 4.164 min Scan# 410
Delta R.T. -0.000 min
Lab File: VD074948.D
Acq: 16 Nov 2022 14:58

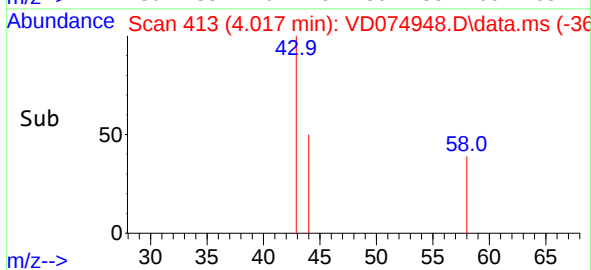
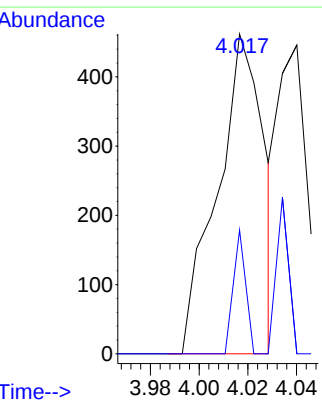
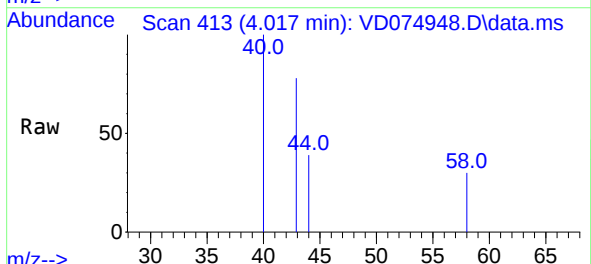
Instrument :
MSVOA_D
ClientSampleId :
SOIL-PILE-23

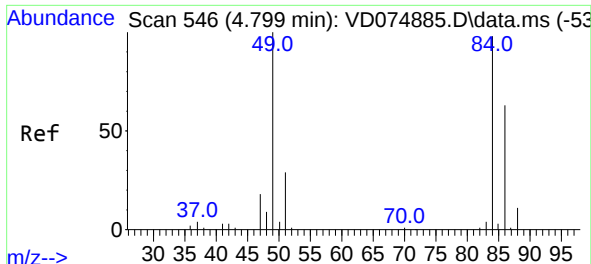
Tgt Ion:142 Resp: 127
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#



#16
Acetone
Concen: 2.793 ug/l
RT: 4.017 min Scan# 413
Delta R.T. -0.000 min
Lab File: VD074948.D
Acq: 16 Nov 2022 14:58

Tgt Ion: 43 Resp: 616
Ion Ratio Lower Upper
43 100
58 38.7 30.2 45.2



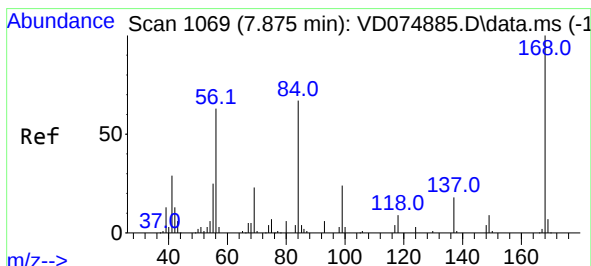
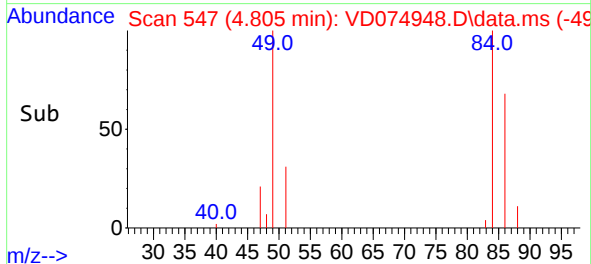
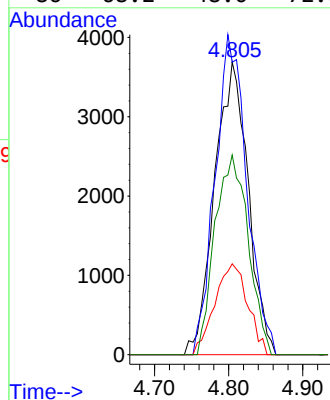
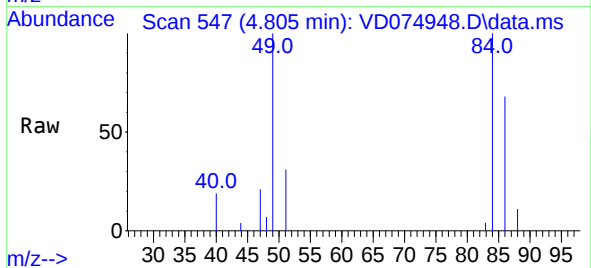


#20
Methylene Chloride
Concen: Below Cal
RT: 4.805 min Scan# 54
Delta R.T. 0.006 min
Lab File: VD074948.D
Acq: 16 Nov 2022 14:58

Instrument :
MSVOA_D
ClientSampleId :
SOIL-PILE-23

Tgt Ion: 84 Resp: 11563

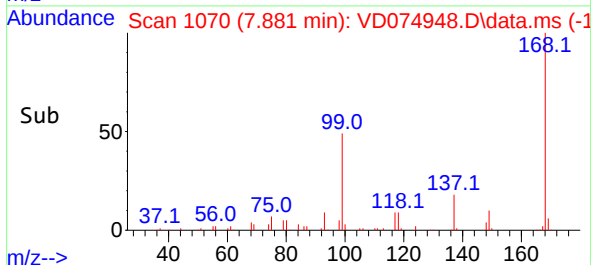
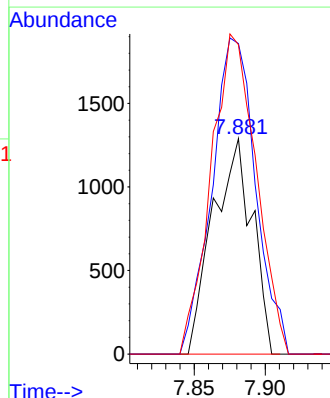
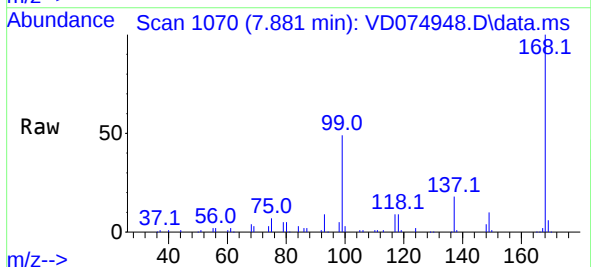
Ion	Ratio	Lower	Upper
84	100		
49	99.9	68.0	102.0
51	31.1	23.2	34.8
86	68.2	48.0	72.0

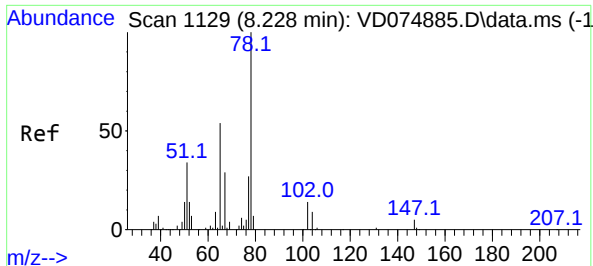


#31
Cyclohexane
Concen: 1.274 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD074948.D
Acq: 16 Nov 2022 14:58

Tgt Ion: 56 Resp: 2481

Ion	Ratio	Lower	Upper
56	100		
69	144.1	29.2	43.8#
84	143.6	83.4	125.2#

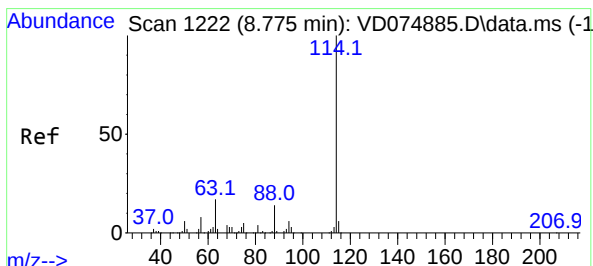
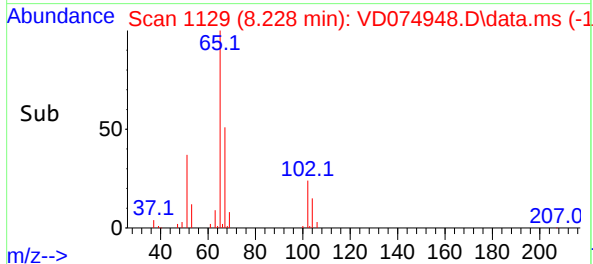
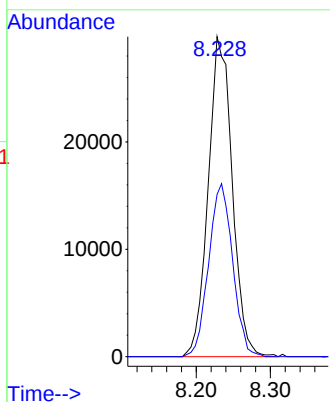
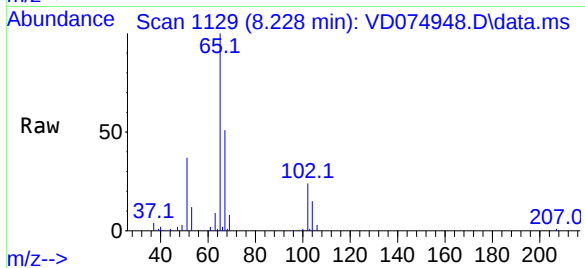




#33
 1,2-Dichloroethane-d4
 Concen: 78.884 ug/l
 RT: 8.228 min Scan# 1129
 Delta R.T. 0.000 min
 Lab File: VD074948.D
 Acq: 16 Nov 2022 14:58

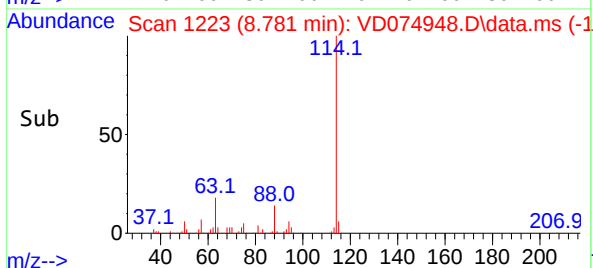
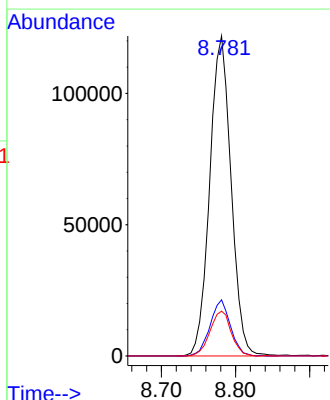
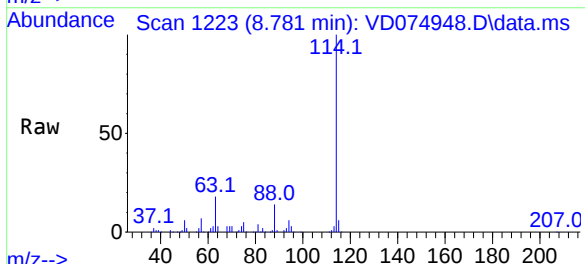
Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-PILE-23

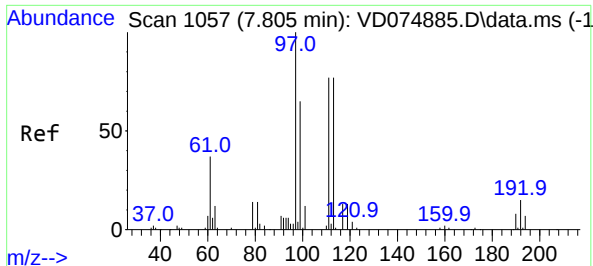
Tgt Ion: 65 Resp: 66998
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.781 min Scan# 1223
 Delta R.T. 0.006 min
 Lab File: VD074948.D
 Acq: 16 Nov 2022 14:58

Tgt Ion: 114 Resp: 243759
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 33.2
 88 14.0 0.0 28.2





#35

Dibromofluoromethane

Concen: 53.154 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD074948.D

Acq: 16 Nov 2022 14:58

Instrument :

MSVOA_D

ClientSampleId :

SOIL-PILE-23

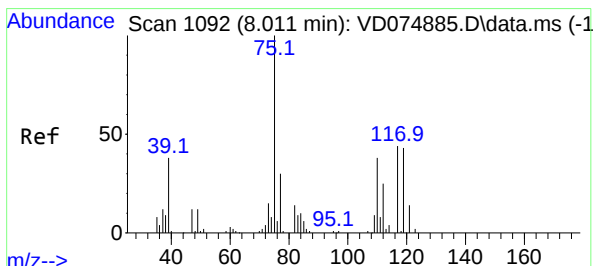
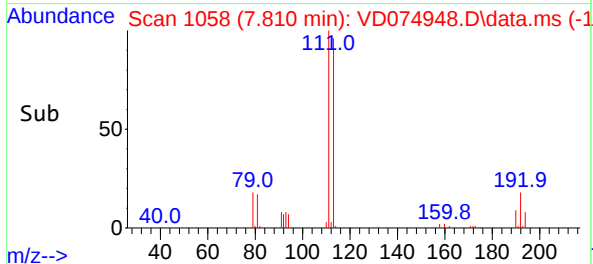
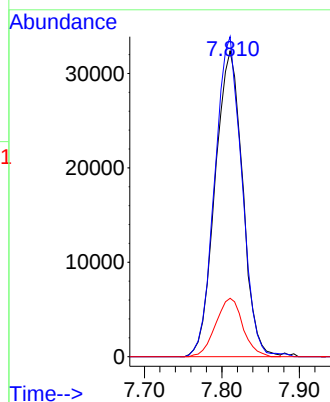
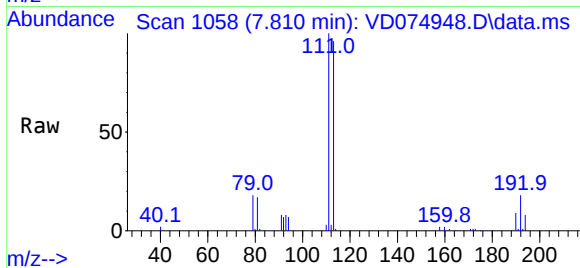
Tgt Ion:113 Resp: 79869

Ion Ratio Lower Upper

113 100

111 102.9 82.3 123.5

192 18.9 16.4 24.6



#36

1,1-Dichloropropene

Concen: 4.269 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.136 min

Lab File: VD074948.D

Acq: 16 Nov 2022 14:58

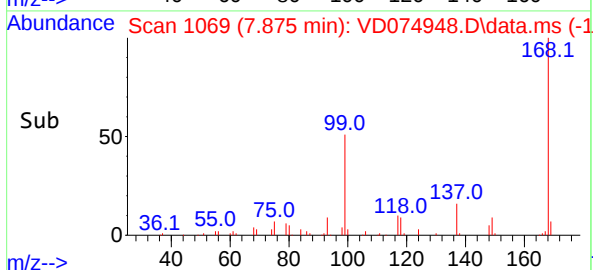
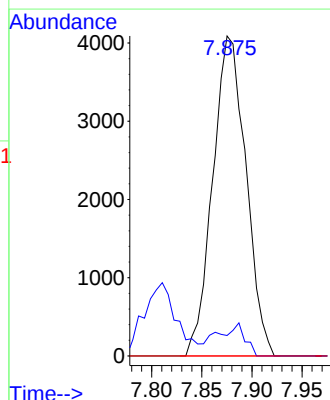
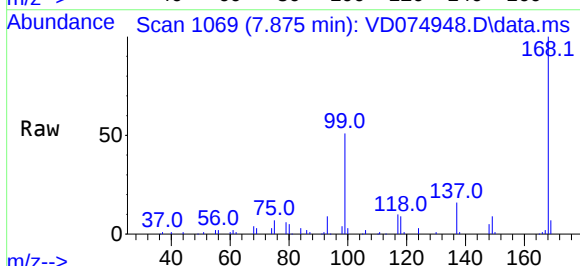
Tgt Ion: 75 Resp: 9427

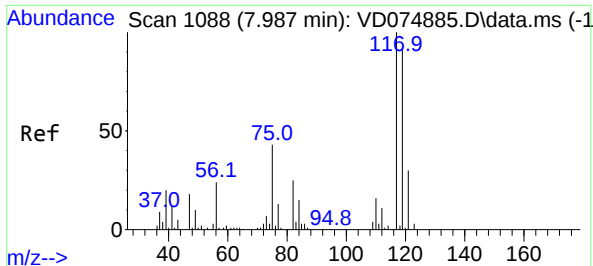
Ion Ratio Lower Upper

75 100

110 4.7 19.7 59.0#

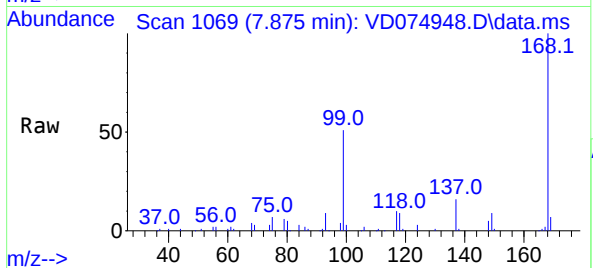
77 0.0 25.4 38.2#



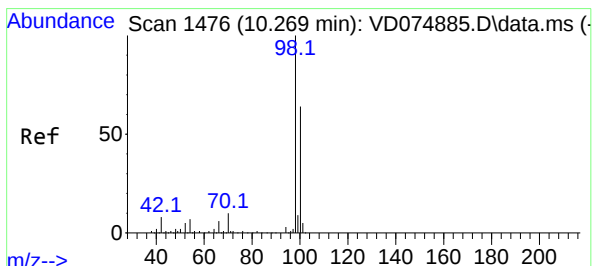
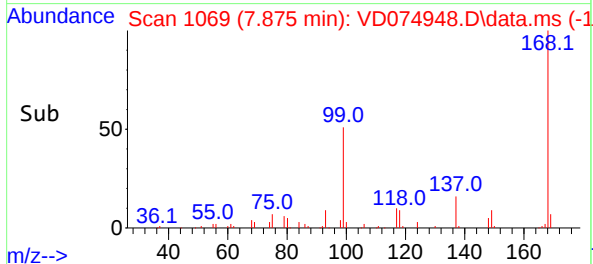
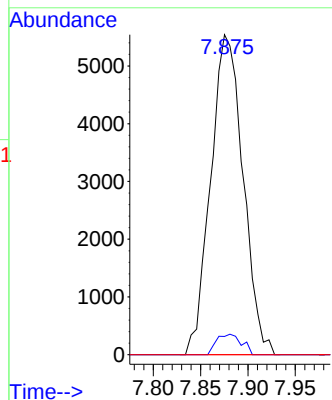


#38
Carbon Tetrachloride
Concen: 6.345 ug/l
RT: 7.875 min Scan# 1088
Delta R.T. -0.112 min
Lab File: VD074948.D
Acq: 16 Nov 2022 14:58

Instrument :
MSVOA_D
ClientSampleId :
SOIL-PILE-23

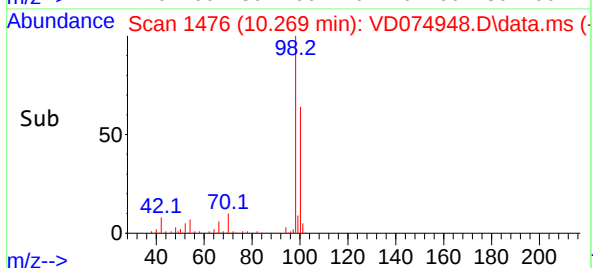
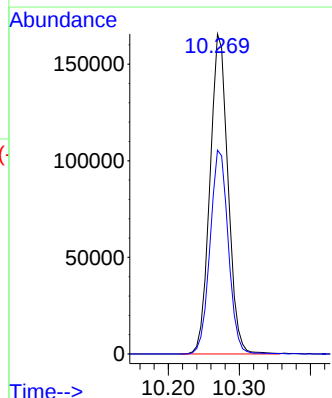
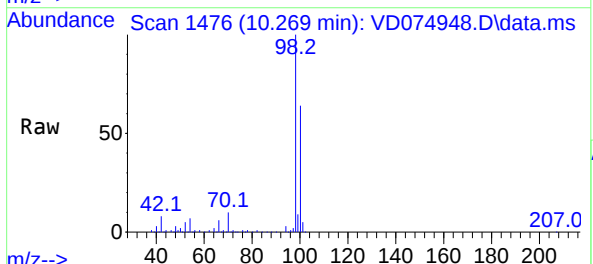


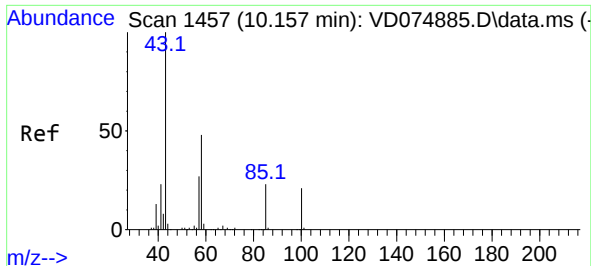
Tgt Ion:117 Resp: 13189
Ion Ratio Lower Upper
117 100
119 5.7 73.1 109.7#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 59.054 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074948.D
Acq: 16 Nov 2022 14:58

Tgt Ion: 98 Resp: 292295
Ion Ratio Lower Upper
98 100
100 64.3 51.4 77.0

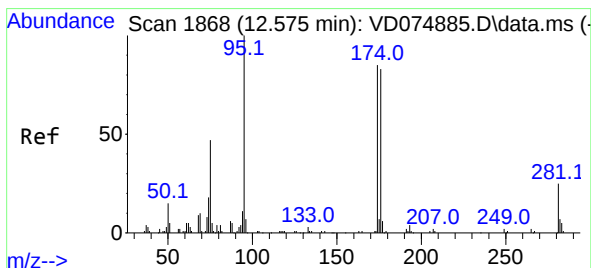
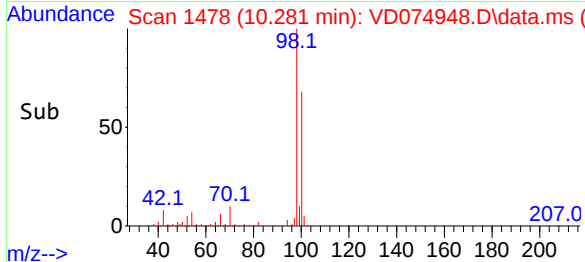
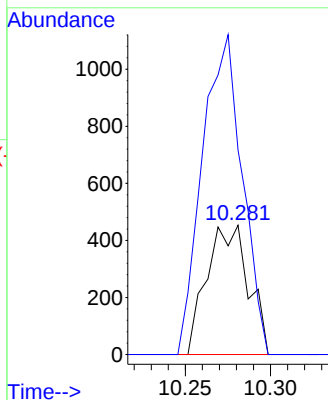
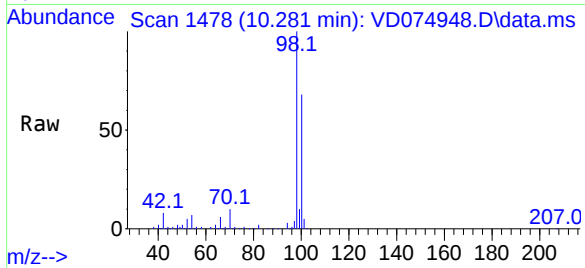




#51
4-Methyl-2-Pentanone
Concen: 1.238 ug/l
RT: 10.281 min Scan# 1457
Delta R.T. 0.124 min
Lab File: VD074948.D
Acq: 16 Nov 2022 14:58

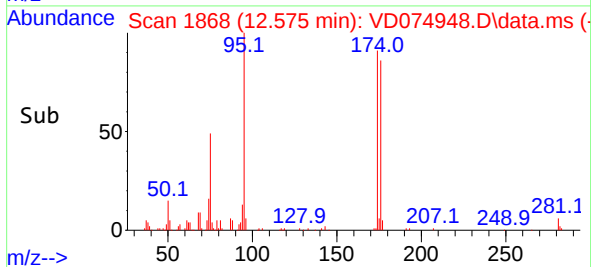
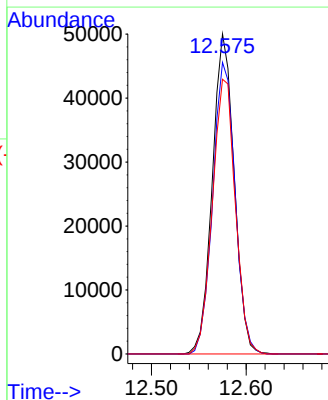
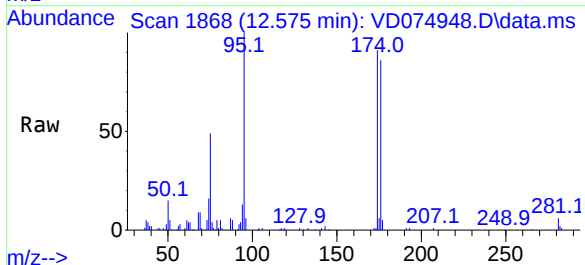
Instrument :
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SOIL-PILE-23

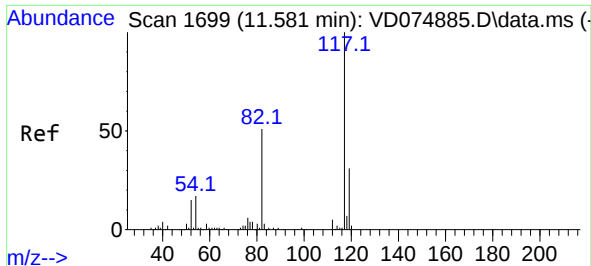
Tgt Ion: 43 Resp: 770
Ion Ratio Lower Upper
43 100
58 237.3 37.8 56.6#



#62
4-Bromofluorobenzene
Concen: 52.808 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074948.D
Acq: 16 Nov 2022 14:58

Tgt Ion: 95 Resp: 80262
Ion Ratio Lower Upper
95 100
174 93.0 0.0 197.0
176 90.1 0.0 182.6

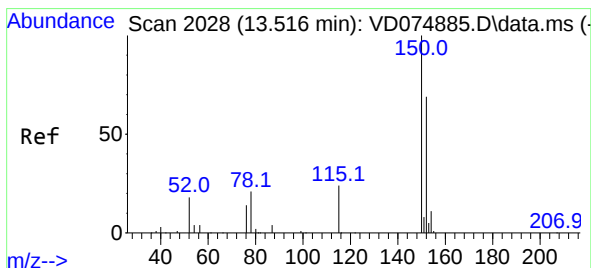
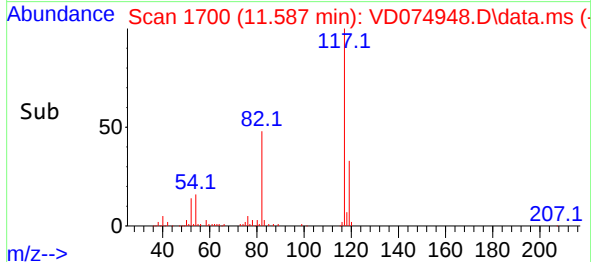
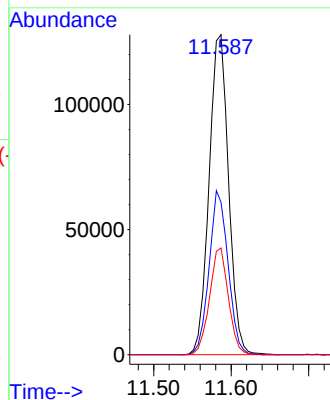
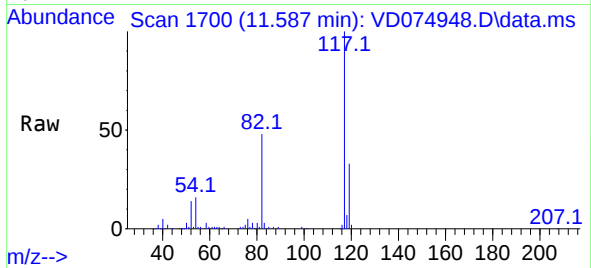




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074948.D
Acq: 16 Nov 2022 14:58

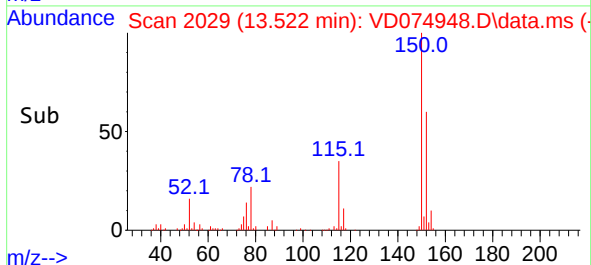
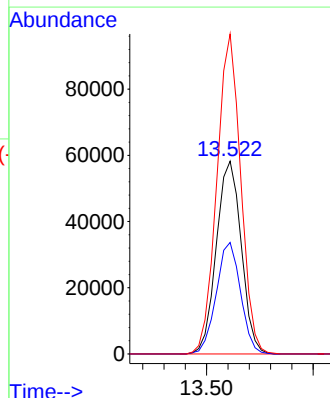
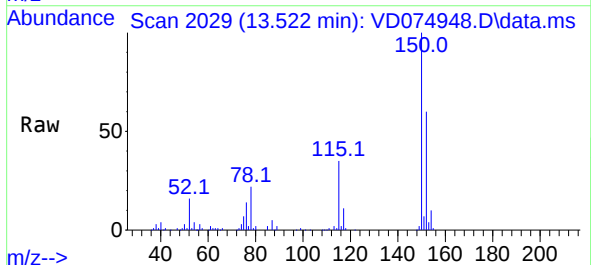
Instrument :
MSVOA_D
ClientSampleId :
SOIL-PILE-23

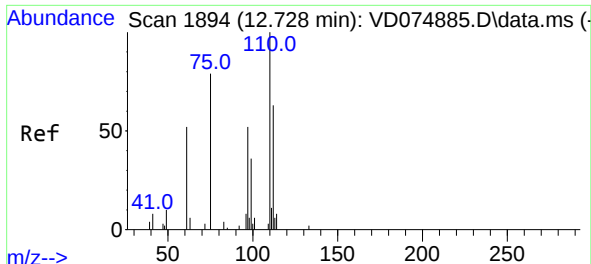
Tgt Ion:117 Resp: 224075
Ion Ratio Lower Upper
117 100
82 47.7 41.6 62.4
119 33.3 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD074948.D
Acq: 16 Nov 2022 14:58

Tgt Ion:152 Resp: 94509
Ion Ratio Lower Upper
152 100
115 56.5 26.8 80.4
150 158.8 0.0 348.2

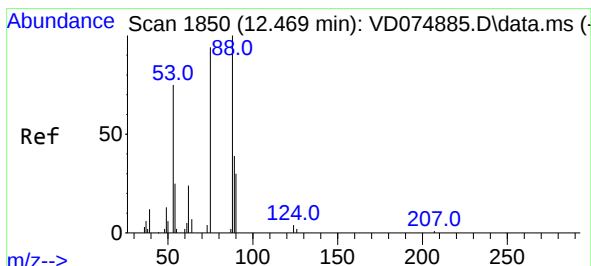
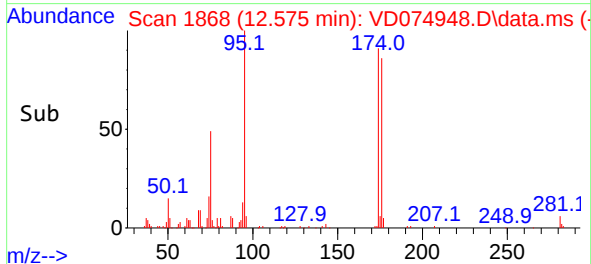
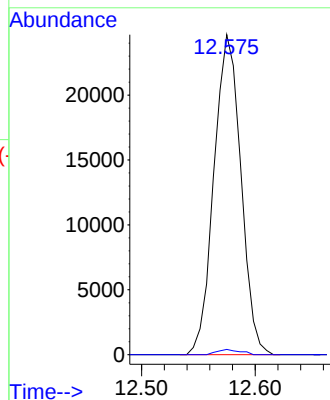
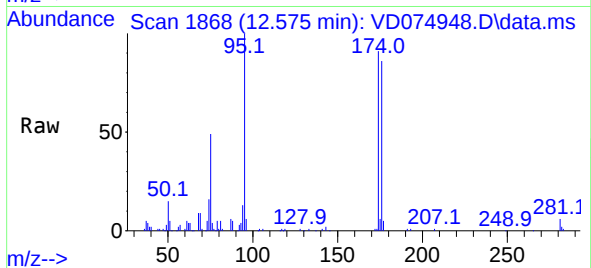




#76
1,2,3-Trichloropropane
Concen: 51.445 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD074948.D
Acq: 16 Nov 2022 14:58

Instrument :
MSVOA_D
ClientSampleId :
SOIL-PILE-23

Tgt Ion: 75 Resp: 40666
Ion Ratio Lower Upper
75 100
77 1.4 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 126.556 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD074948.D
Acq: 16 Nov 2022 14:58

Tgt Ion: 75 Resp: 40666
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

