

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102022\
 Data File : VD074603.D
 Acq On : 20 Oct 2022 17:46
 Operator : VA/SY
 Sample : N5211-01
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-SOILPILE-1020

Quant Time: Oct 21 03:09:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 20 06:41:20 2022
 Response via : Initial Calibration

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

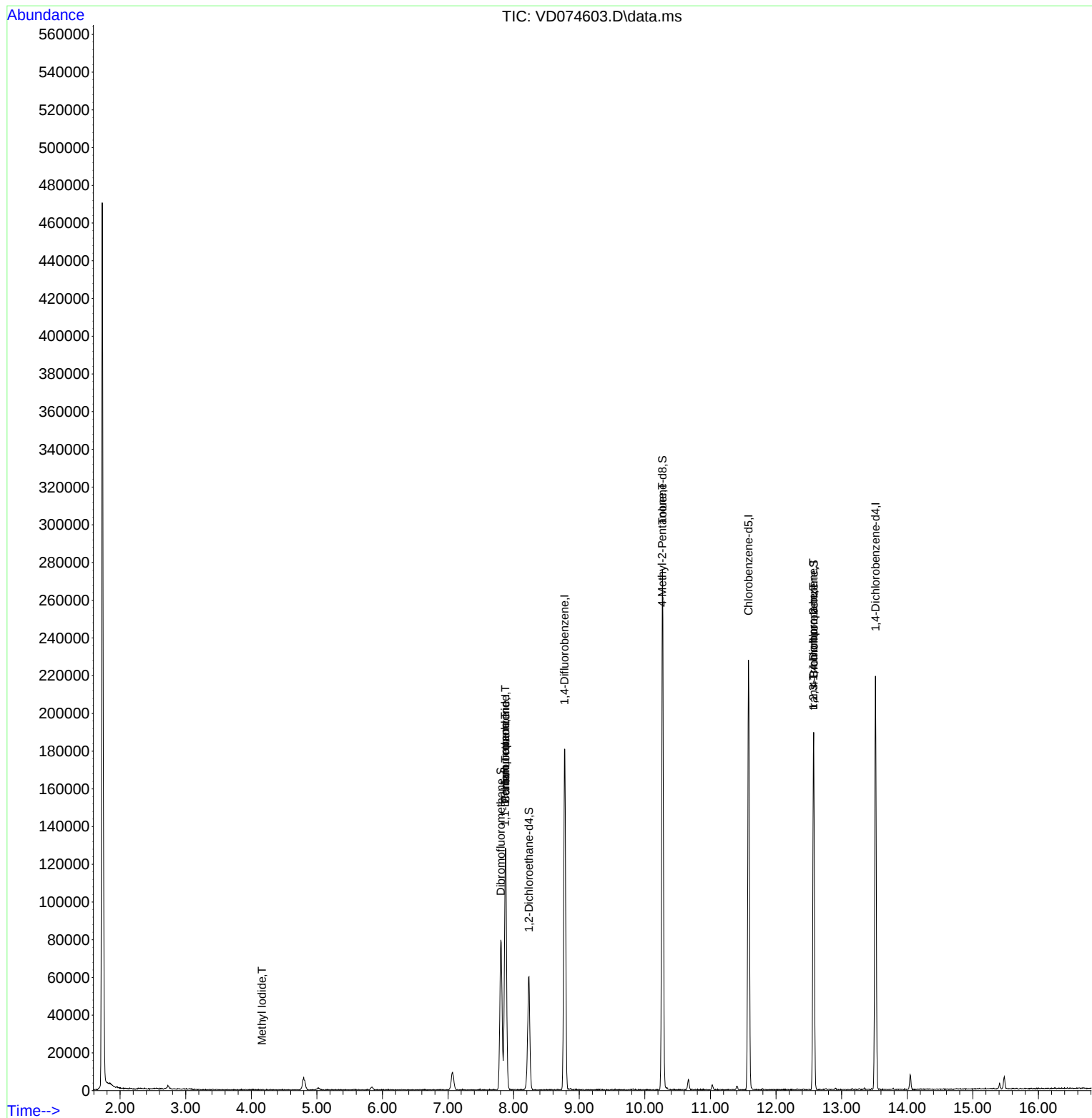
Internal Standards						
1) Pentafluorobenzene	7.875	168	109078	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	181169	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	145089	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	62935	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	46185	55.458	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.920%	
35) Dibromofluoromethane	7.804	113	58696	58.668	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.340%	
50) Toluene-d8	10.269	98	200226	55.217	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.440%	
62) 4-Bromofluorobenzene	12.575	95	53163	51.001	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.000%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.163	142	55	3.973	ug/l #	43
11) Tert butyl alcohol	5.028	59	692	Below Cal	#	84
20) Methylene Chloride	4.798	84	5837	Below Cal		95
36) 1,1-Dichloropropene	7.869	75	7264	4.463	ug/l #	44
38) Carbon Tetrachloride	7.875	117	10145	6.366	ug/l #	14
51) 4-Methyl-2-Pentanone	10.263	43	479	1.009	ug/l #	1
76) 1,2,3-Trichloropropane	12.569	75	26424	48.085	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.569	75	26424	122.881	ug/l #	17

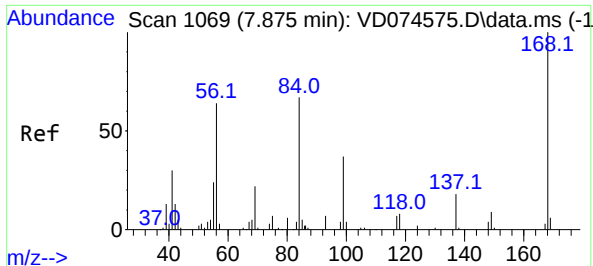
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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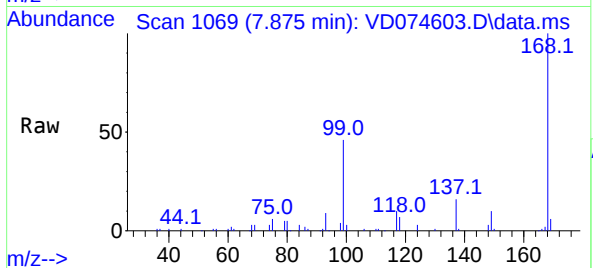
Quant Time: Oct 21 03:09:40 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 20 06:41:20 2022
Response via : Initial Calibration



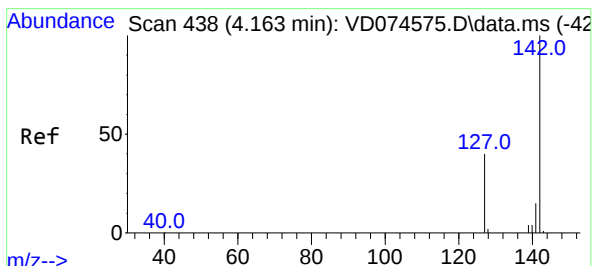
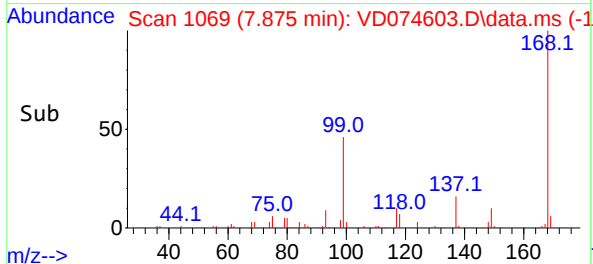
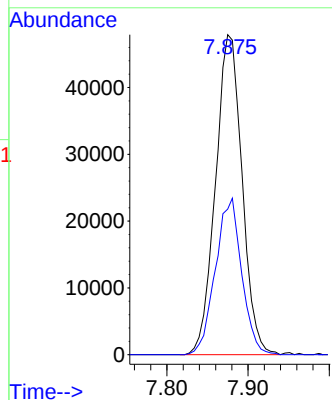


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074603.D
Acq: 20 Oct 2022 17:46

Instrument :
MSVOA_D
ClientSampleId :
SB-SOILPILE-1020

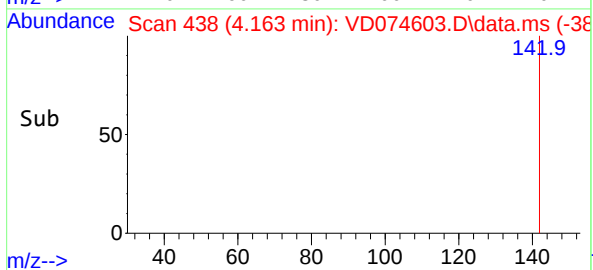
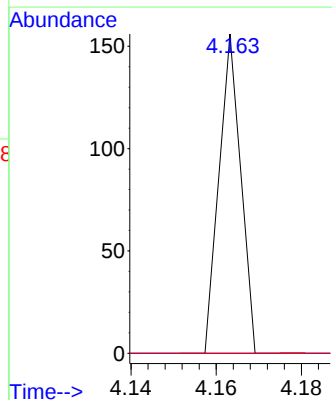
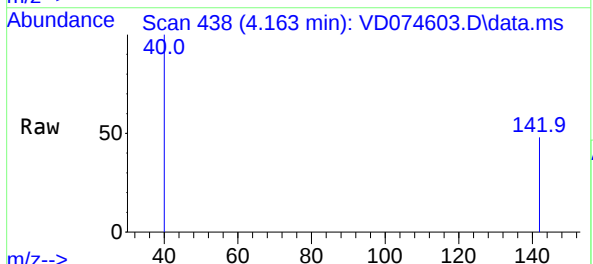


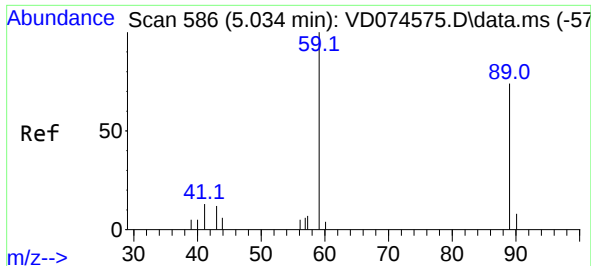
Tgt Ion:168 Resp: 109078
Ion Ratio Lower Upper
168 100
99 45.5 40.9 61.3



#10
Methyl Iodide
Concen: 3.973 ug/l
RT: 4.163 min Scan# 438
Delta R.T. 0.005 min
Lab File: VD074603.D
Acq: 20 Oct 2022 17:46

Tgt Ion:142 Resp: 55
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#

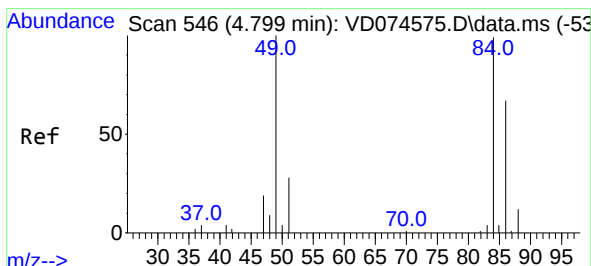
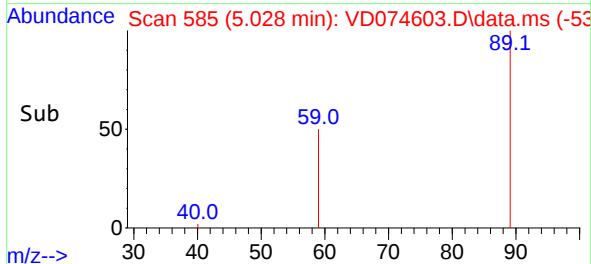
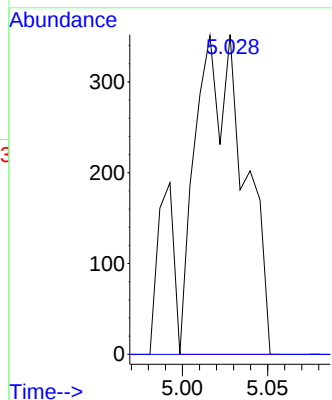
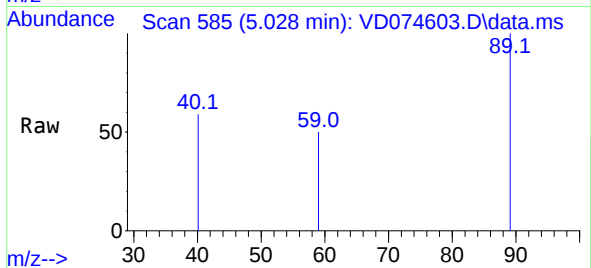




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.028 min Scan# 51
Delta R.T. -0.024 min
Lab File: VD074603.D
Acq: 20 Oct 2022 17:46

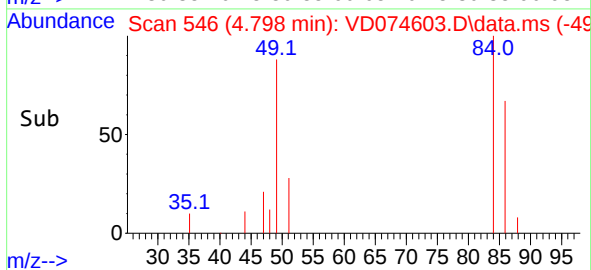
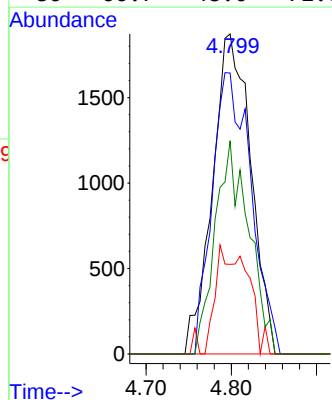
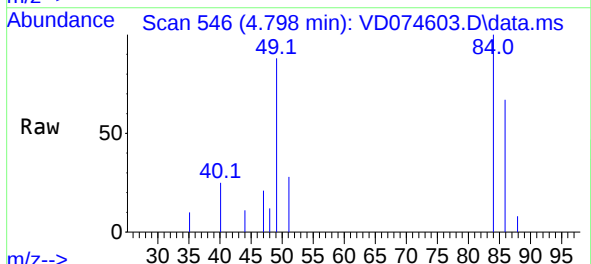
Instrument :
MSVOA_D
ClientSampleId :
SB-SOILPILE-1020

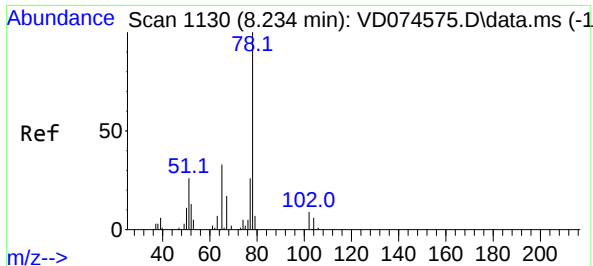
Tgt Ion: 59 Resp: 692
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.798 min Scan# 546
Delta R.T. -0.001 min
Lab File: VD074603.D
Acq: 20 Oct 2022 17:46

Tgt Ion: 84 Resp: 5837
Ion Ratio Lower Upper
84 100
49 87.8 68.0 102.0
51 28.0 23.2 34.8
86 66.7 48.0 72.0





#33

1,2-Dichloroethane-d4

Concen: 55.458 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD074603.D

Acq: 20 Oct 2022 17:46

Instrument :

MSVOA_D

ClientSampleId :

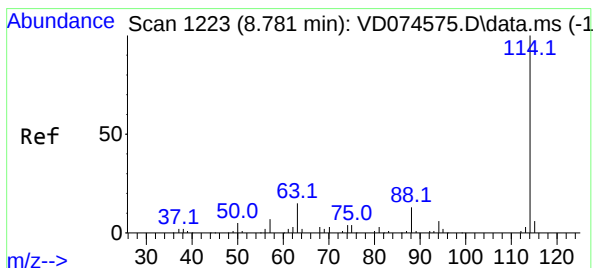
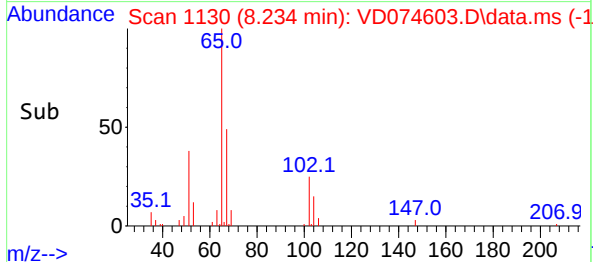
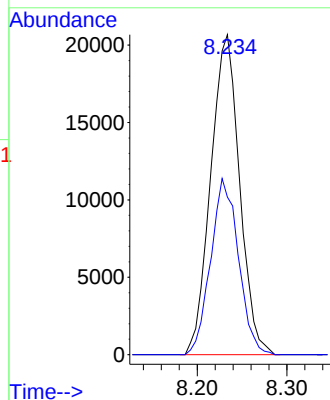
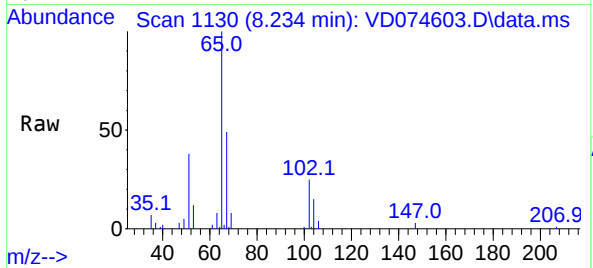
SB-SOILPILE-1020

Tgt Ion: 65 Resp: 46185

Ion Ratio Lower Upper

65 100

67 52.9 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD074603.D

Acq: 20 Oct 2022 17:46

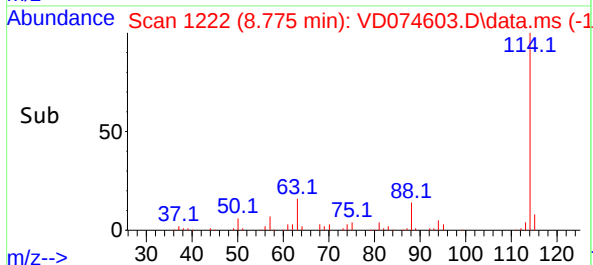
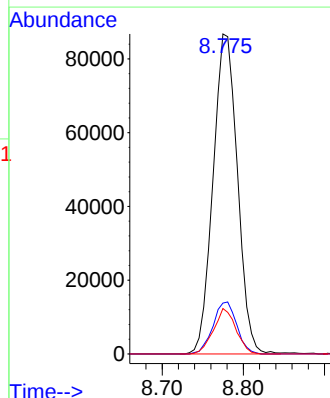
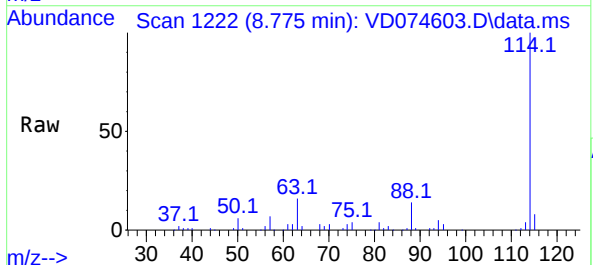
Tgt Ion: 114 Resp: 181169

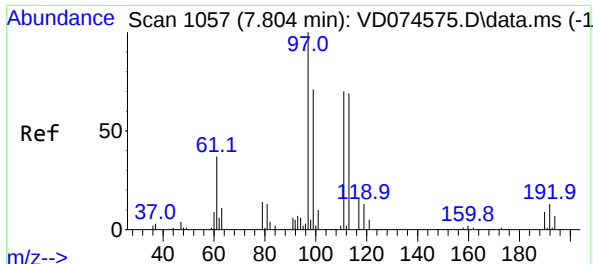
Ion Ratio Lower Upper

114 100

63 15.9 0.0 33.2

88 14.2 0.0 28.2





#35

Dibromofluoromethane

Concen: 58.668 ug/l

RT: 7.804 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VD074603.D

Acq: 20 Oct 2022 17:46

Instrument :

MSVOA_D

ClientSampleId :

SB-SOILPILE-1020

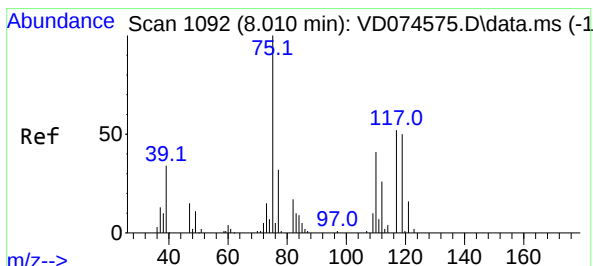
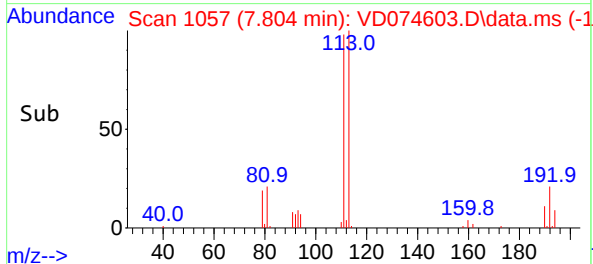
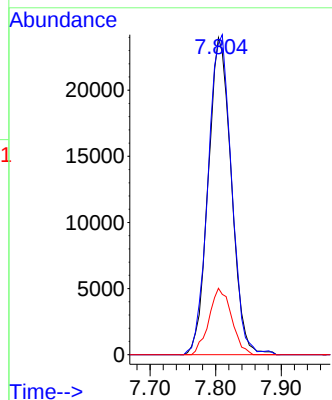
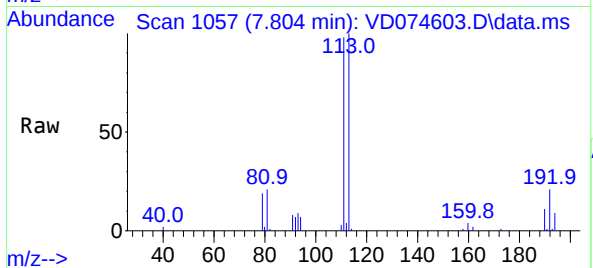
Tgt Ion:113 Resp: 58696

Ion Ratio Lower Upper

113 100

111 102.0 82.3 123.5

192 20.5 16.4 24.6



#36

1,1-Dichloropropene

Concen: 4.463 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.135 min

Lab File: VD074603.D

Acq: 20 Oct 2022 17:46

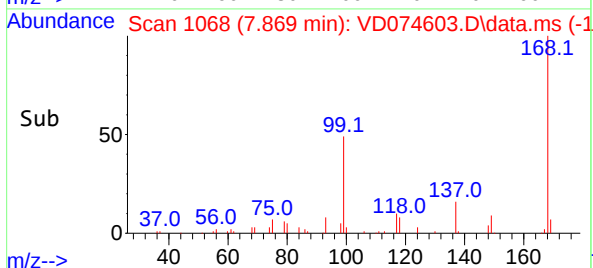
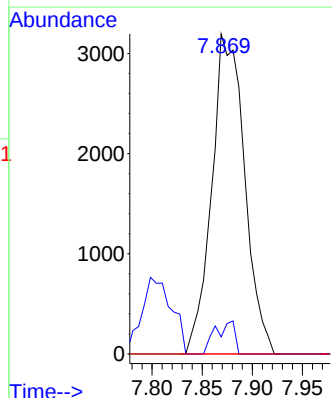
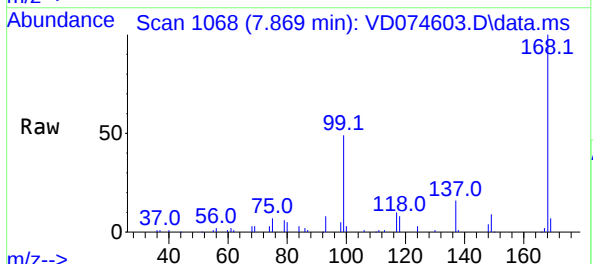
Tgt Ion: 75 Resp: 7264

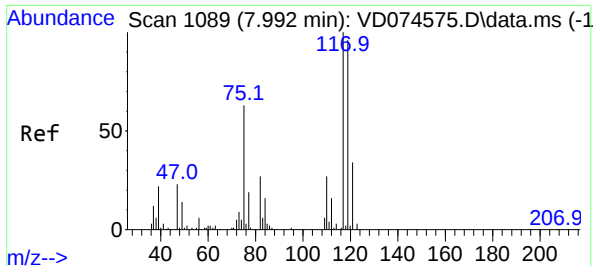
Ion Ratio Lower Upper

75 100

110 6.0 19.7 59.0#

77 0.0 25.4 38.2#

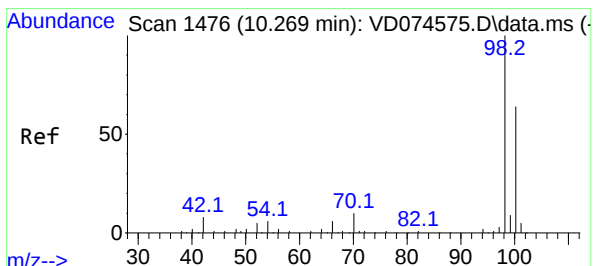
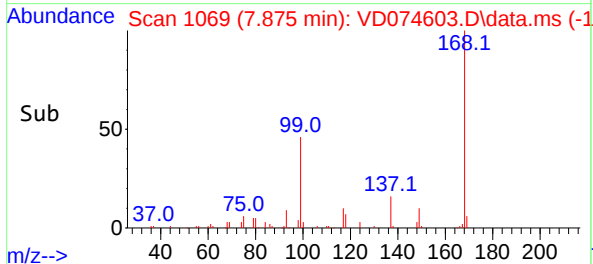
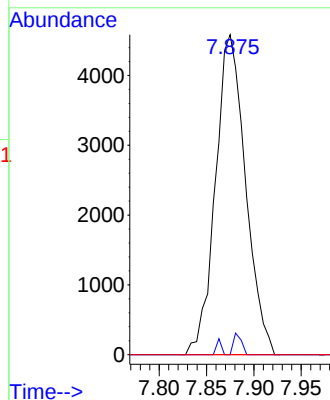
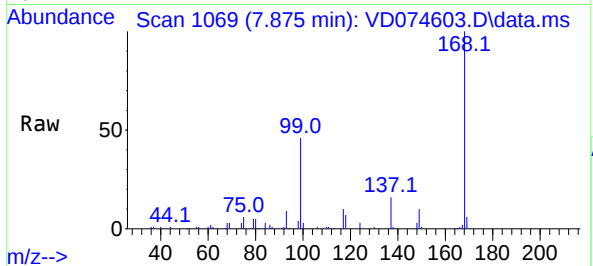




#38
Carbon Tetrachloride
Concen: 6.366 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.112 min
Lab File: VD074603.D
Acq: 20 Oct 2022 17:46

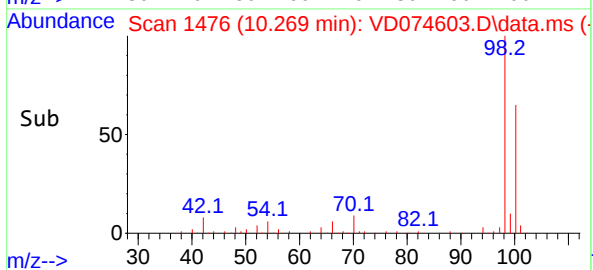
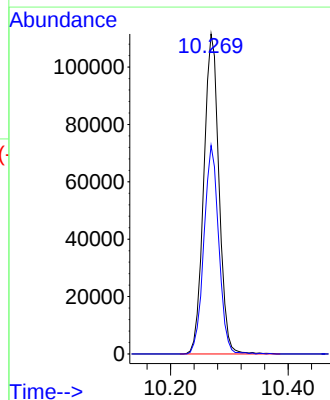
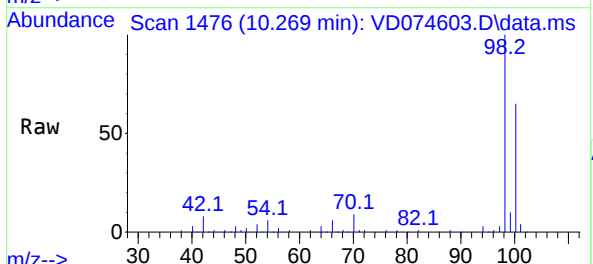
Instrument :
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SB-SOILPILE-1020

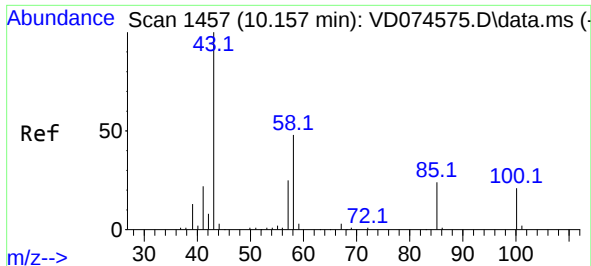
Tgt Ion:117 Resp: 10145
Ion Ratio Lower Upper
117 100
119 0.0 73.1 109.7#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 55.217 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074603.D
Acq: 20 Oct 2022 17:46

Tgt Ion: 98 Resp: 200226
Ion Ratio Lower Upper
98 100
100 63.6 51.4 77.0





#51

4-Methyl-2-Pentanone

Concen: 1.009 ug/l

RT: 10.263 min Scan# 1457

Delta R.T. 0.106 min

Lab File: VD074603.D

Acq: 20 Oct 2022 17:46

Instrument :

MSVOA_D

ClientSampleId :

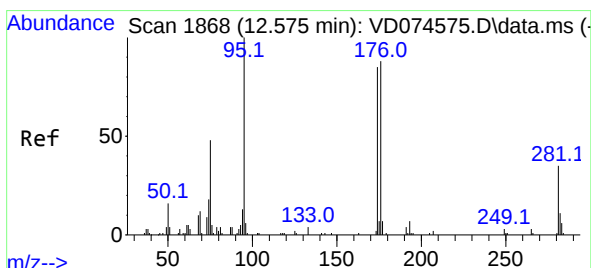
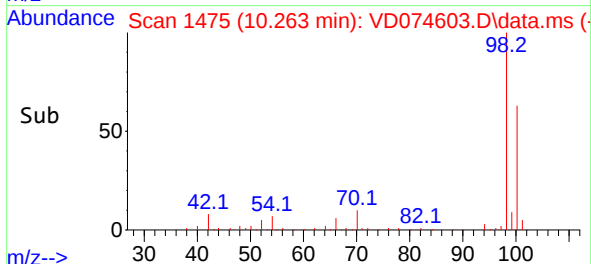
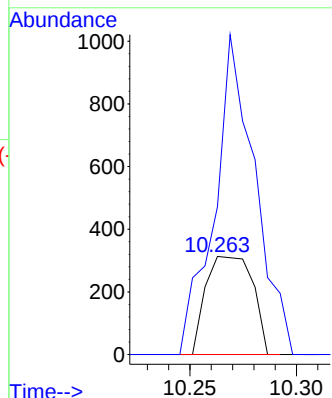
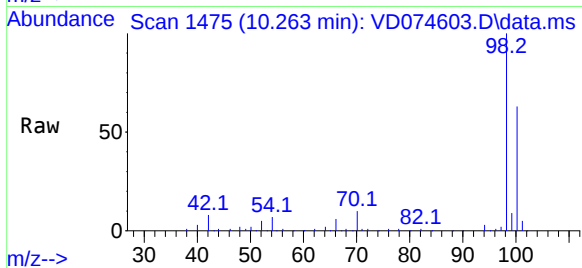
SB-SOILPILE-1020

Tgt Ion: 43 Resp: 479

Ion Ratio Lower Upper

43 100

58 282.3 37.8 56.6#



#62

4-Bromofluorobenzene

Concen: 51.001 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.006 min

Lab File: VD074603.D

Acq: 20 Oct 2022 17:46

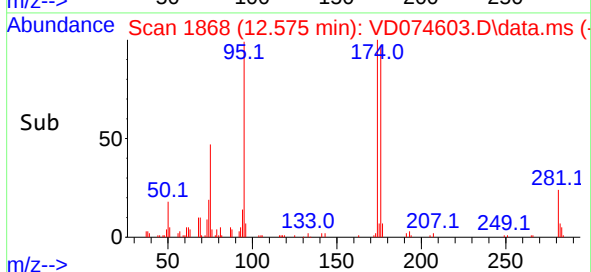
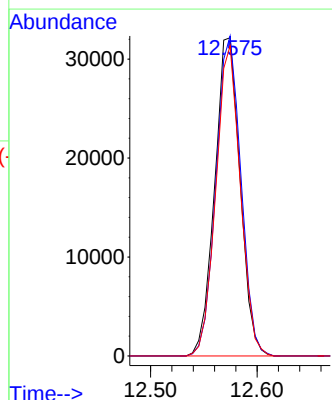
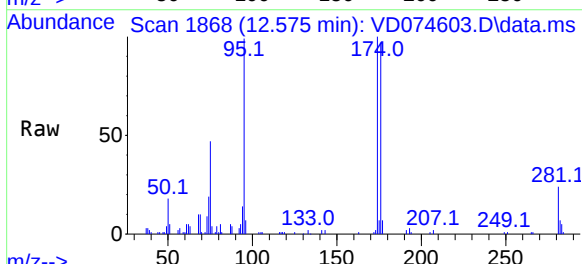
Tgt Ion: 95 Resp: 53163

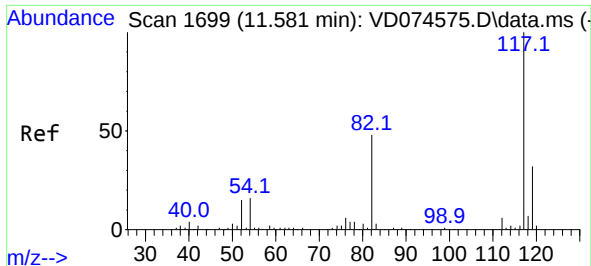
Ion Ratio Lower Upper

95 100

174 98.7 0.0 197.0

176 93.8 0.0 182.6

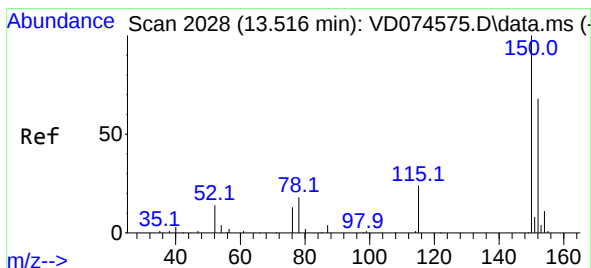
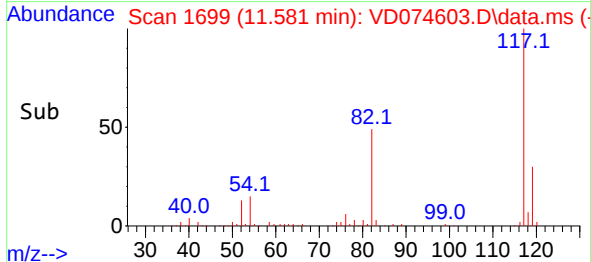
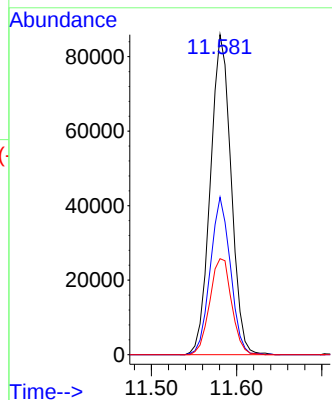
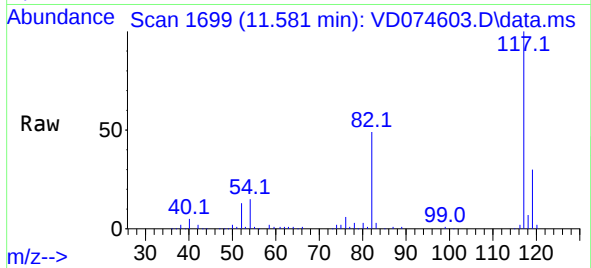




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074603.D
Acq: 20 Oct 2022 17:46

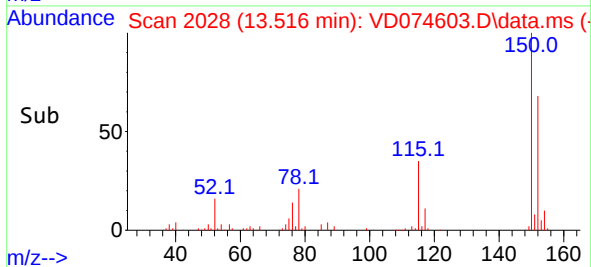
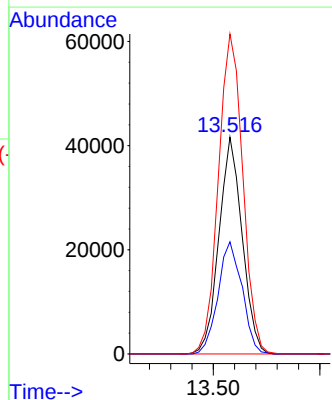
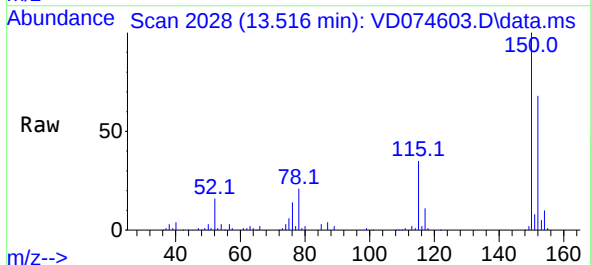
Instrument :
MSVOA_D
ClientSampleId :
SB-SOILPILE-1020

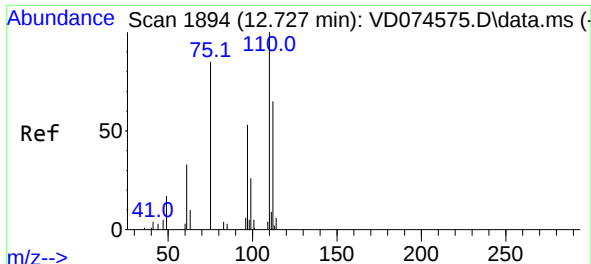
Tgt Ion:117 Resp: 145089
Ion Ratio Lower Upper
117 100
82 49.2 41.6 62.4
119 30.0 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD074603.D
Acq: 20 Oct 2022 17:46

Tgt Ion:152 Resp: 62935
Ion Ratio Lower Upper
152 100
115 53.6 26.8 80.4
150 154.9 0.0 348.2

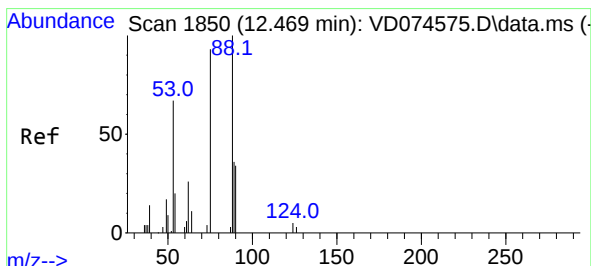
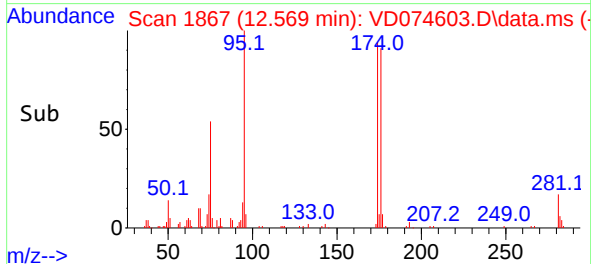
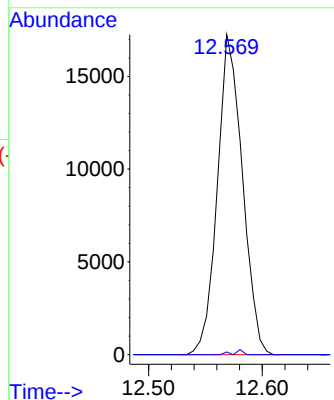
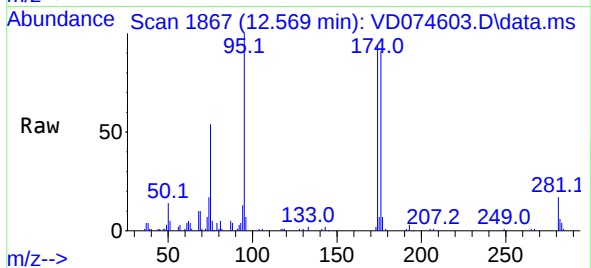




#76
1,2,3-Trichloropropane
Concen: 48.085 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.147 min
Lab File: VD074603.D
Acq: 20 Oct 2022 17:46

Instrument :
MSVOA_D
ClientSampleId :
SB-SOILPILE-1020

Tgt Ion: 75 Resp: 26424
Ion Ratio Lower Upper
75 100
77 0.6 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 122.881 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.106 min
Lab File: VD074603.D
Acq: 20 Oct 2022 17:46

Tgt Ion: 75 Resp: 26424
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

