

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032323\
 Data File : VY013067.D
 Acq On : 23 Mar 2023 17:59
 Operator : KP/MD
 Sample : 02070-03
 Misc : 6.62g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOILPILE-2-0323

Quant Time: Mar 24 05:05:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

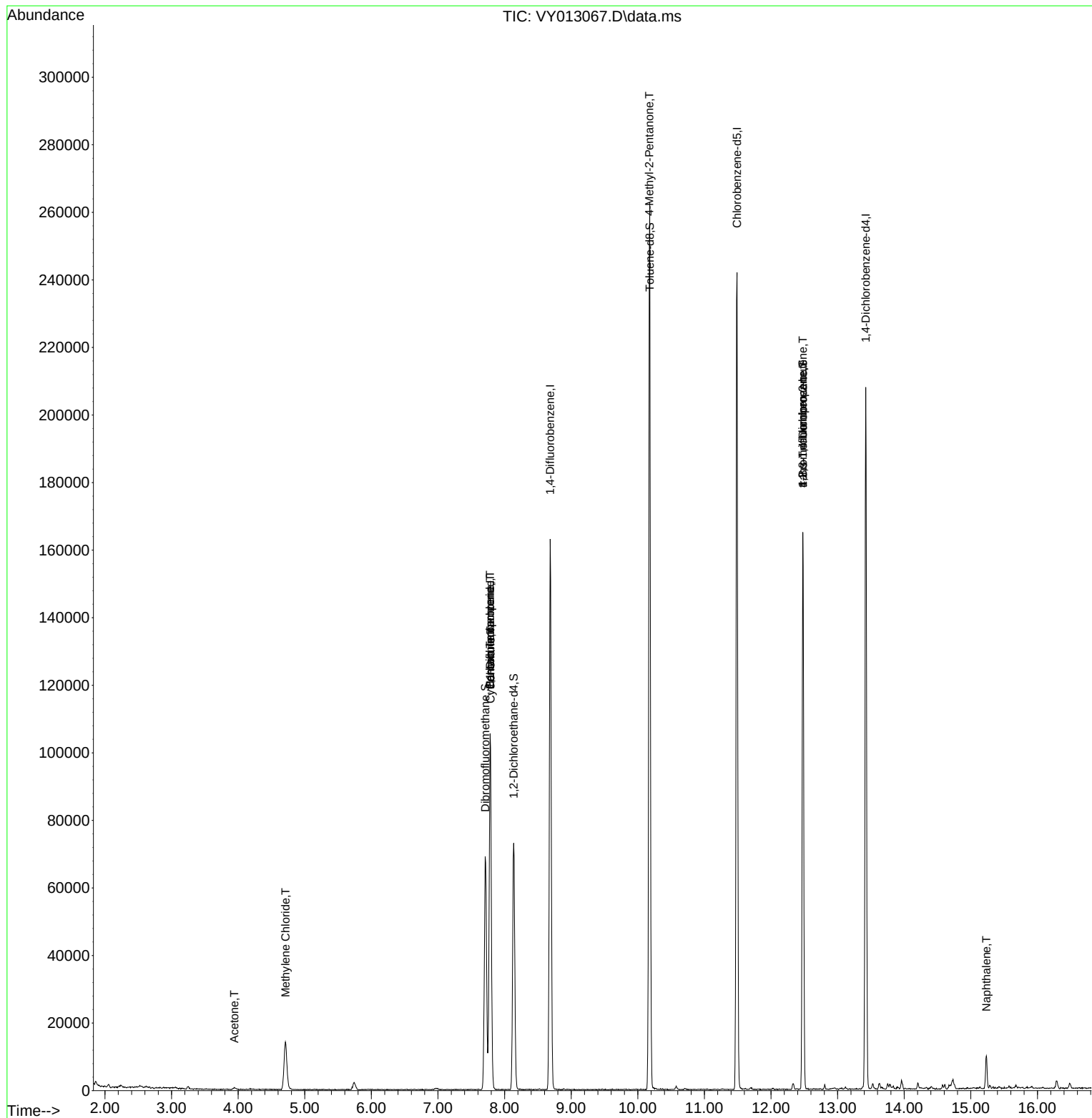
Internal Standards						
1) Pentafluorobenzene	7.783	168	79554	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	132356	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	126704	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	52686	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	57821	73.203	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 146.400%	
35) Dibromofluoromethane	7.710	113	47634	59.634	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 119.260%	
50) Toluene-d8	10.179	98	164562	56.354	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 112.700%	
62) 4-Bromofluorobenzene	12.477	95	46713	47.395	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 94.780%	
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	996	3.213	ug/l	96
20) Methylene Chloride	4.710	84	10048	5.880	ug/l	97
31) Cyclohexane	7.789	56	1832	1.211	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	6310	4.714	ug/l #	49
38) Carbon Tetrachloride	7.783	117	7730	5.592	ug/l #	16
51) 4-Methyl-2-Pentanone	10.173	43	860	1.053	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	25719	40.879	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	25719	84.702	ug/l #	13
95) Naphthalene	15.233	128	8140	4.172	ug/l	97

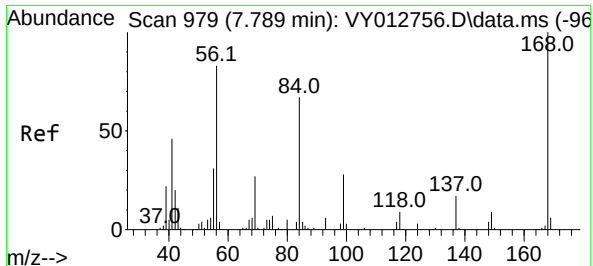
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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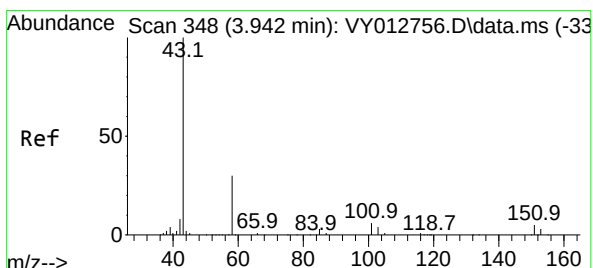
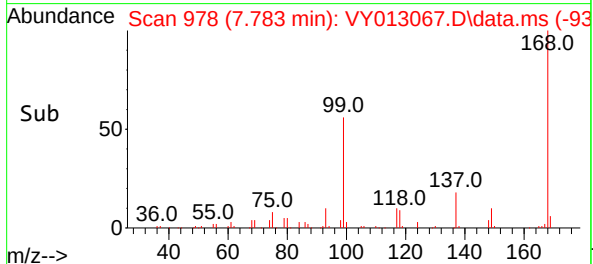
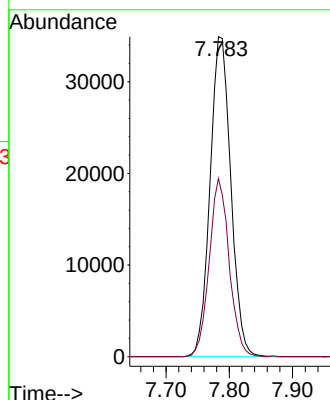
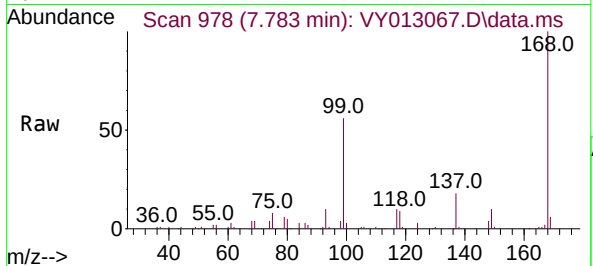




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013067.D
Acq: 23 Mar 2023 17:59

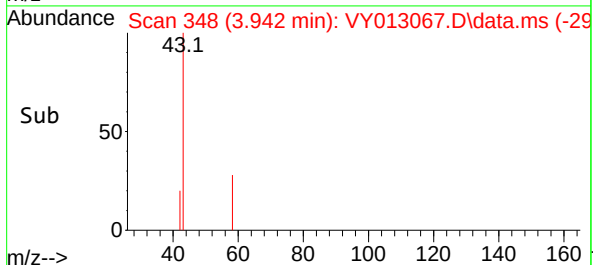
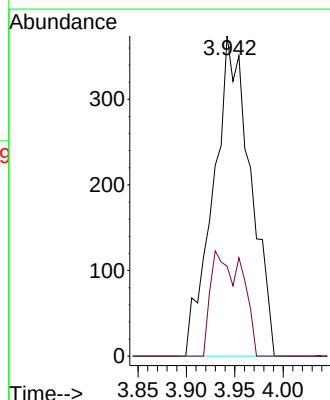
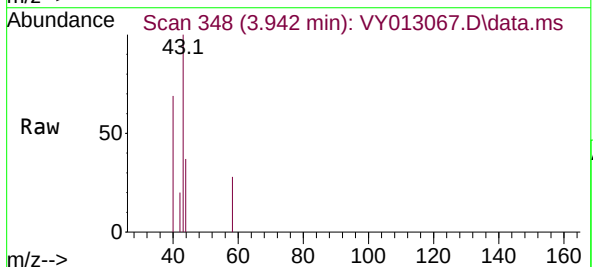
Instrument :
MSVOA_Y
ClientSampleId :
SOILPILE-2-0323

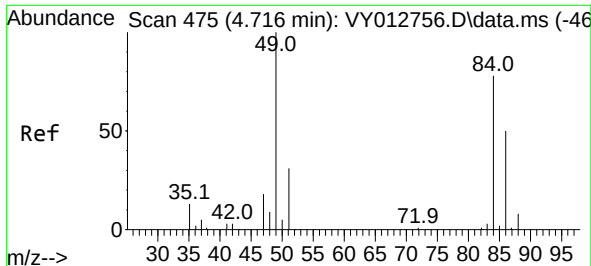
Tgt Ion:168 Resp: 79554
Ion Ratio Lower Upper
168 100
99 55.7 41.7 62.5



#16
Acetone
Concen: 3.213 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY013067.D
Acq: 23 Mar 2023 17:59

Tgt Ion: 43 Resp: 996
Ion Ratio Lower Upper
43 100
58 28.1 24.2 36.2



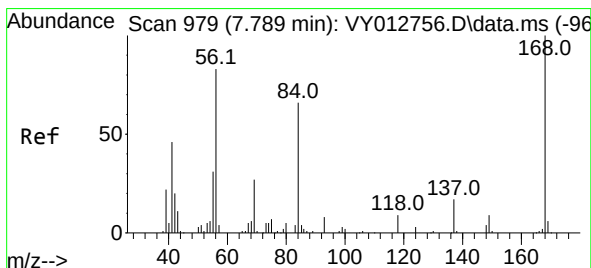
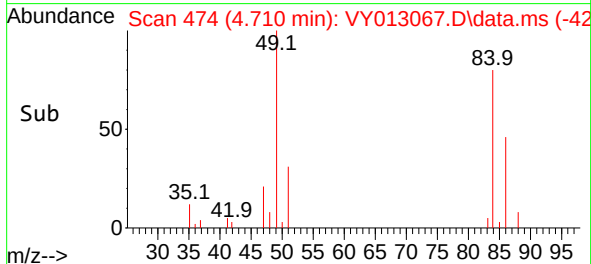
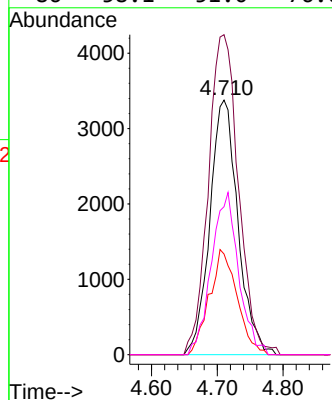
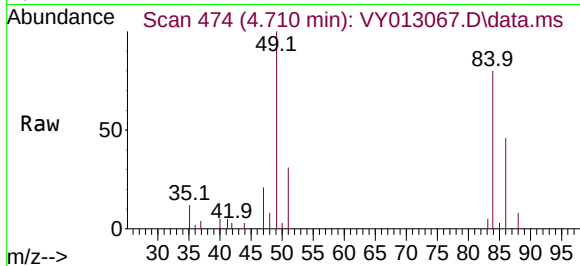


#20
Methylene Chloride
Concen: 5.880 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013067.D
Acq: 23 Mar 2023 17:59

Instrument :
MSVOA_Y
ClientSampleId :
SOILPILE-2-0323

Tgt Ion: 84 Resp: 10048

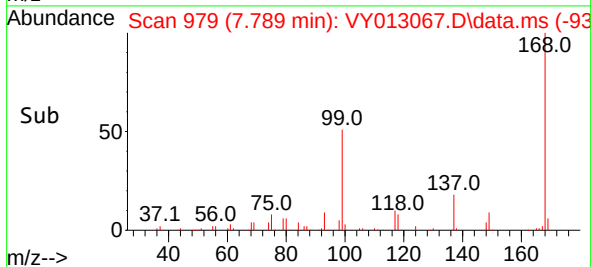
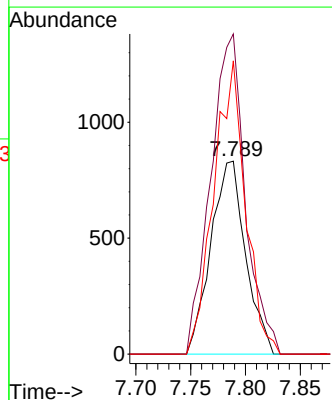
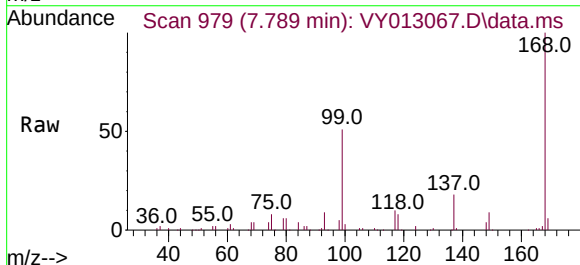
Ion	Ratio	Lower	Upper
84	100		
49	125.7	102.6	154.0
51	39.5	31.9	47.9
86	58.1	51.0	76.6

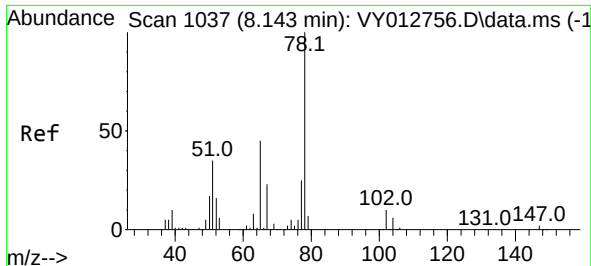


#31
Cyclohexane
Concen: 1.211 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY013067.D
Acq: 23 Mar 2023 17:59

Tgt Ion: 56 Resp: 1832

Ion	Ratio	Lower	Upper
56	100		
69	166.0	25.7	38.5#
84	152.0	64.3	96.5#





#33

1,2-Dichloroethane-d4

Concen: 73.203 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY013067.D

Acq: 23 Mar 2023 17:59

Instrument :

MSVOA_Y

ClientSampleId :

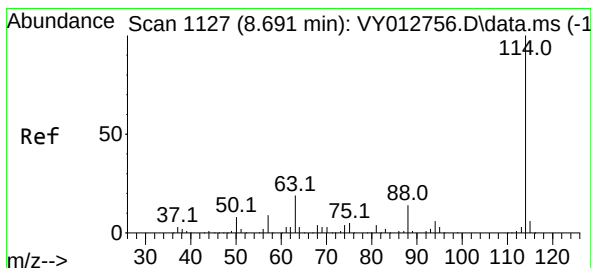
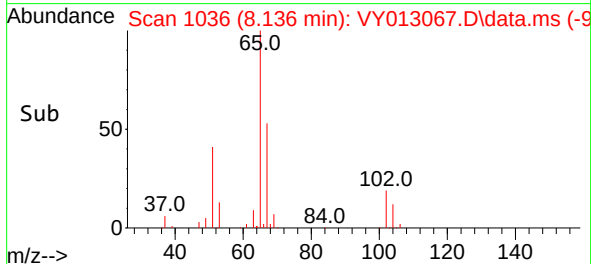
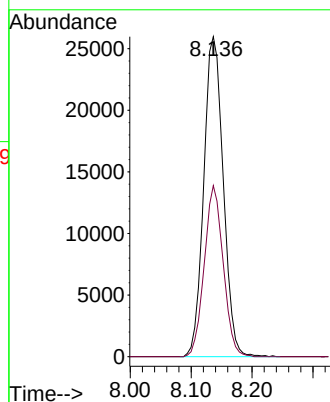
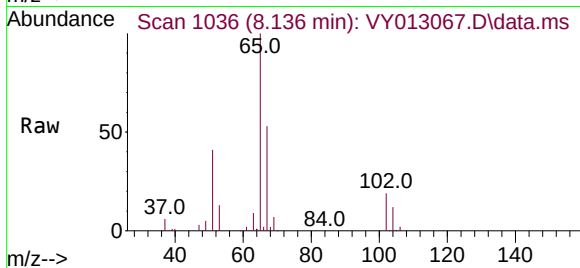
SOILPILE-2-0323

Tgt Ion: 65 Resp: 57821

Ion Ratio Lower Upper

65 100

67 51.8 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY013067.D

Acq: 23 Mar 2023 17:59

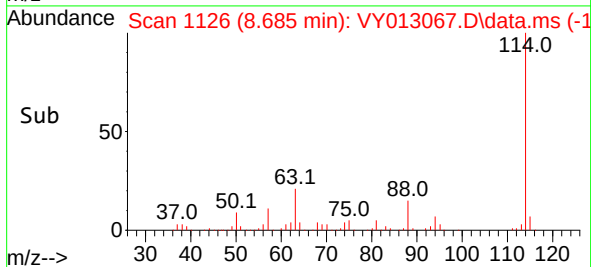
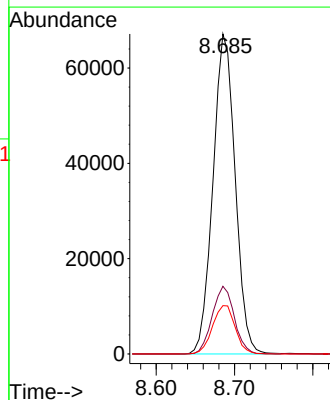
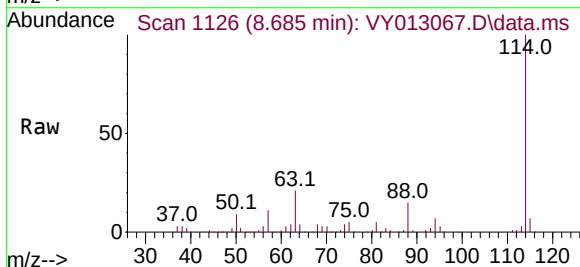
Tgt Ion: 114 Resp: 132356

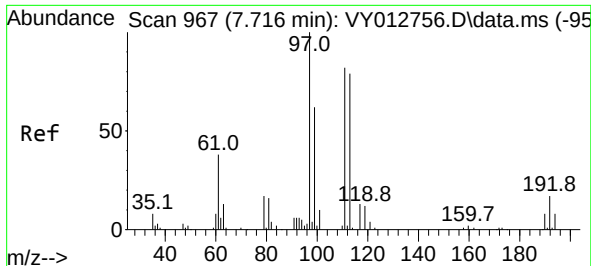
Ion Ratio Lower Upper

114 100

63 21.2 0.0 37.4

88 15.1 0.0 28.6

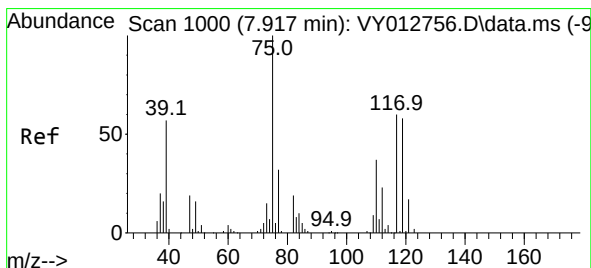
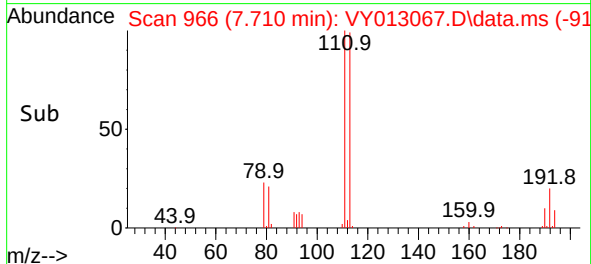
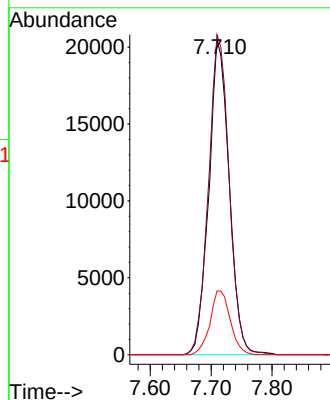
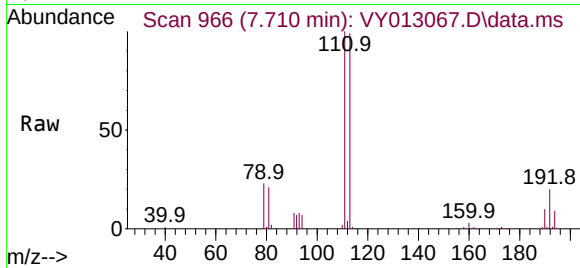




#35
Dibromofluoromethane
Concen: 59.634 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY013067.D
Acq: 23 Mar 2023 17:59

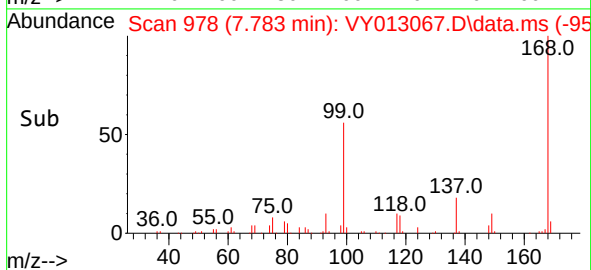
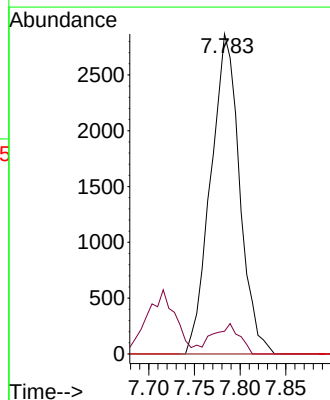
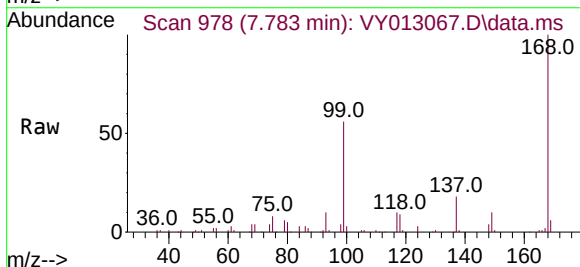
Instrument :
MSVOA_Y
ClientSampleId :
SOILPILE-2-0323

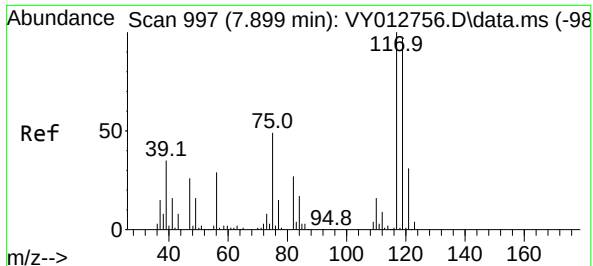
Tgt Ion:113 Resp: 47634
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.2
192 20.1 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.714 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY013067.D
Acq: 23 Mar 2023 17:59

Tgt Ion: 75 Resp: 6310
Ion Ratio Lower Upper
75 100
110 8.3 17.8 53.3#
77 0.0 25.0 37.4#

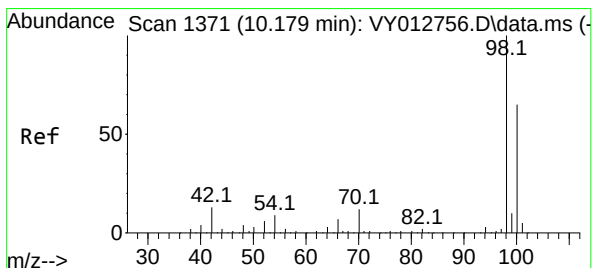
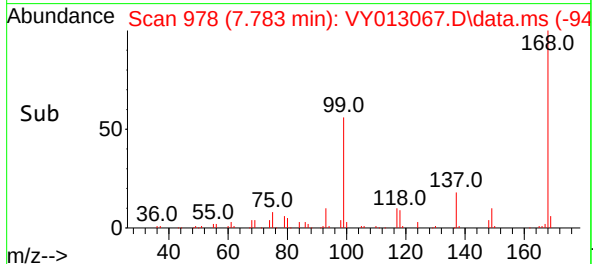
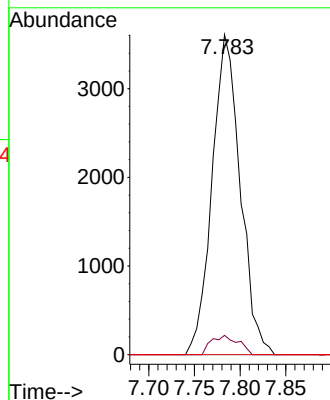
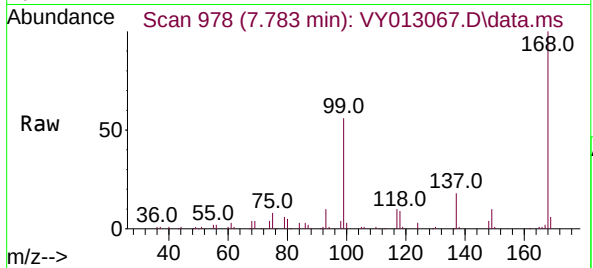




#38
Carbon Tetrachloride
Concen: 5.592 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY013067.D
Acq: 23 Mar 2023 17:59

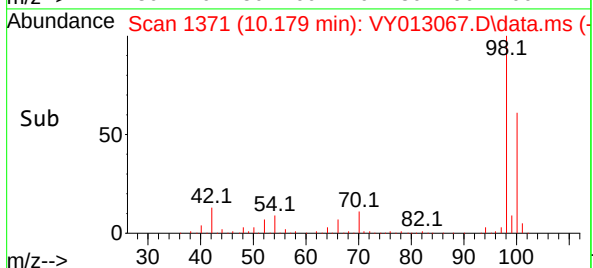
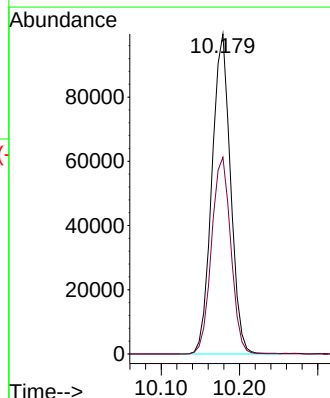
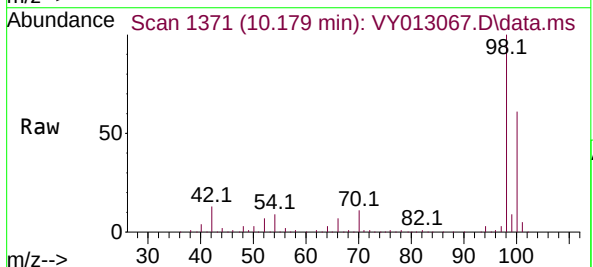
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MSVOA_Y
ClientSampleId :
SOILPILE-2-0323

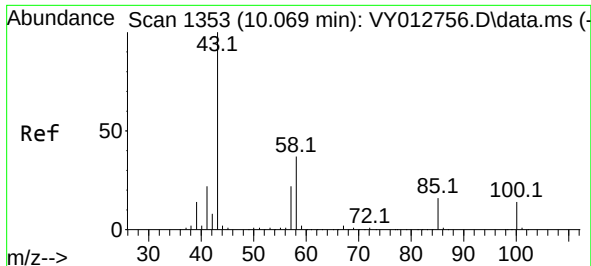
Tgt Ion:117 Resp: 7730
Ion Ratio Lower Upper
117 100
119 6.1 77.2 115.8#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 56.354 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013067.D
Acq: 23 Mar 2023 17:59

Tgt Ion: 98 Resp: 164562
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3

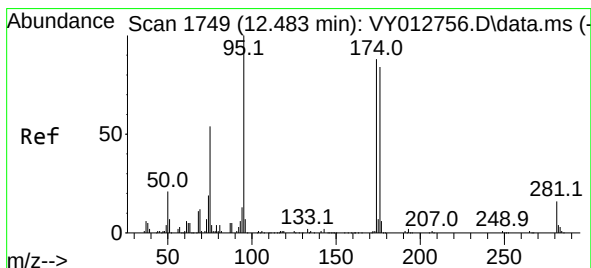
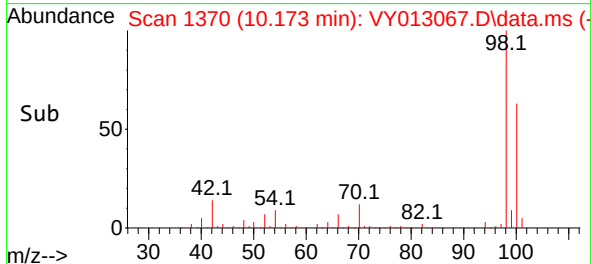
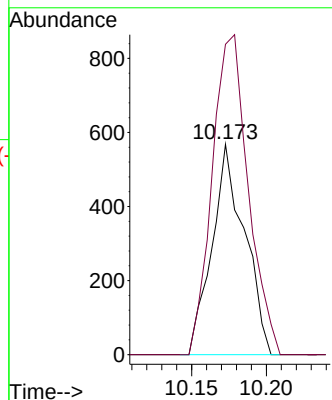
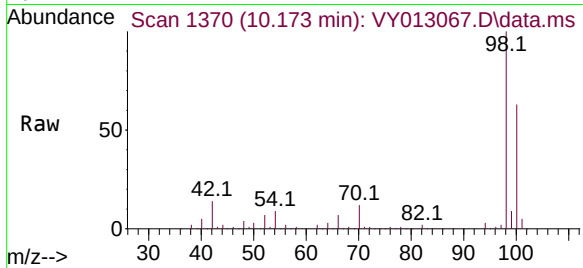




#51
4-Methyl-2-Pentanone
Concen: 1.053 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY013067.D
Acq: 23 Mar 2023 17:59

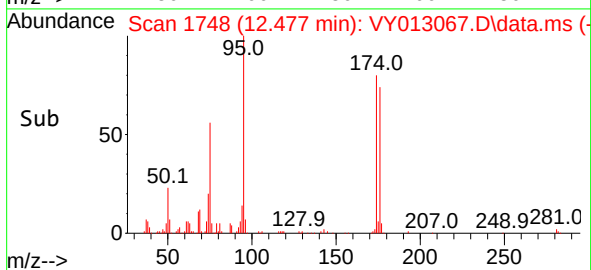
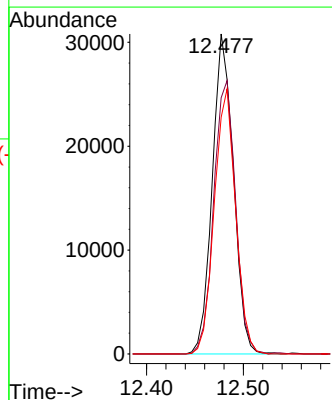
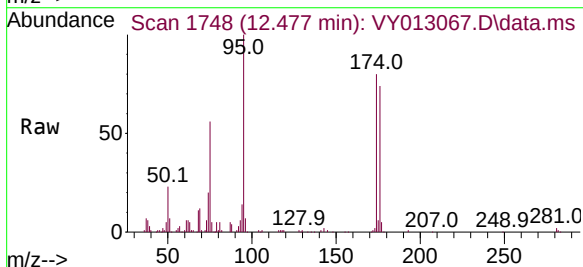
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SOILPILE-2-0323

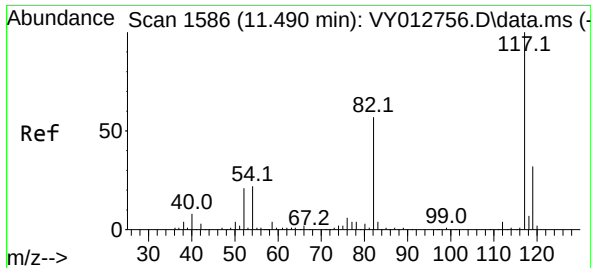
Tgt Ion: 43 Resp: 860
Ion Ratio Lower Upper
43 100
58 168.4 29.8 44.6#



#62
4-Bromofluorobenzene
Concen: 47.395 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013067.D
Acq: 23 Mar 2023 17:59

Tgt Ion: 95 Resp: 46713
Ion Ratio Lower Upper
95 100
174 88.3 0.0 176.6
176 83.7 0.0 170.2

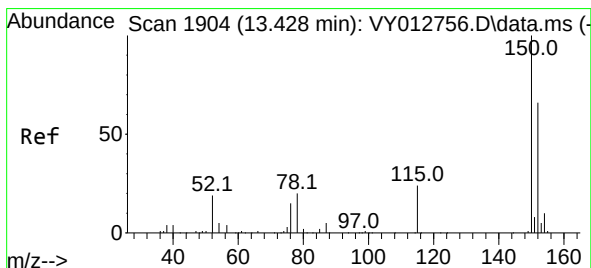
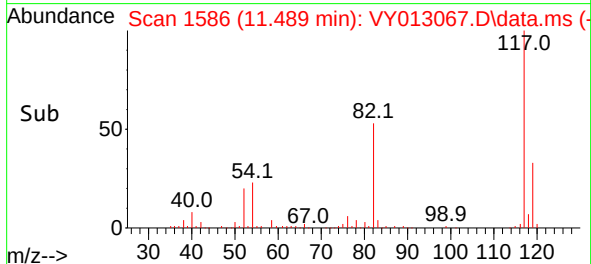
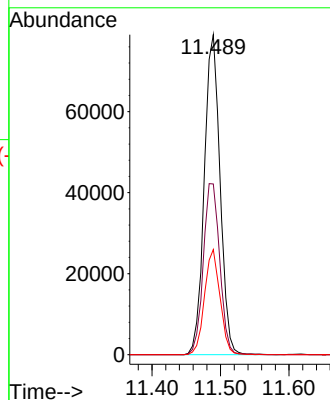
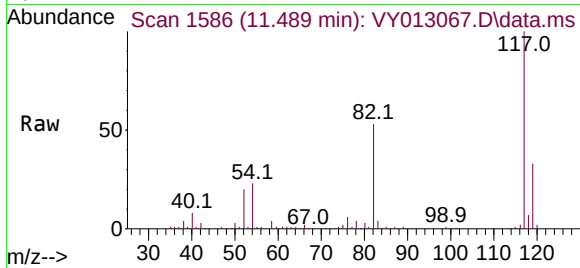




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013067.D
Acq: 23 Mar 2023 17:59

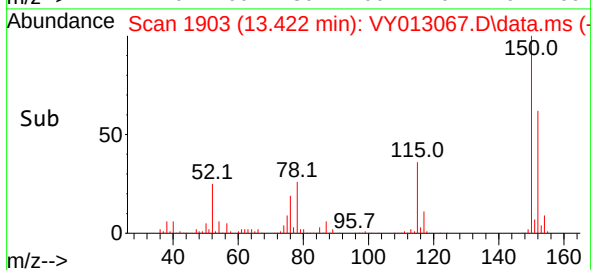
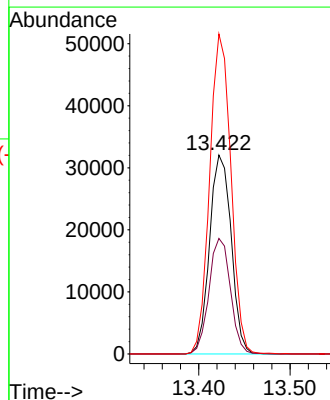
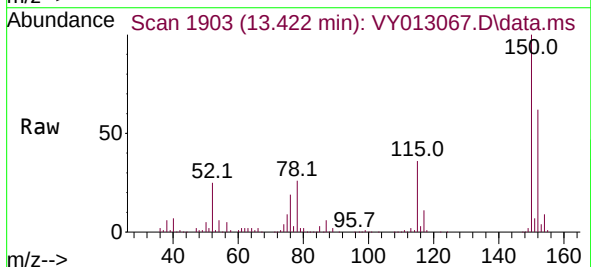
Instrument :
MSVOA_Y
ClientSampleId :
SOILPILE-2-0323

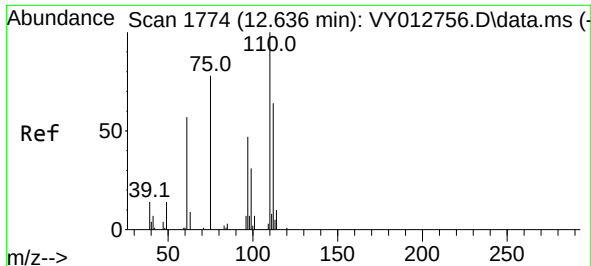
Tgt Ion:117 Resp: 126704
Ion Ratio Lower Upper
117 100
82 53.3 45.4 68.0
119 32.8 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY013067.D
Acq: 23 Mar 2023 17:59

Tgt Ion:152 Resp: 52686
Ion Ratio Lower Upper
152 100
115 57.5 27.1 81.3
150 157.8 0.0 347.8

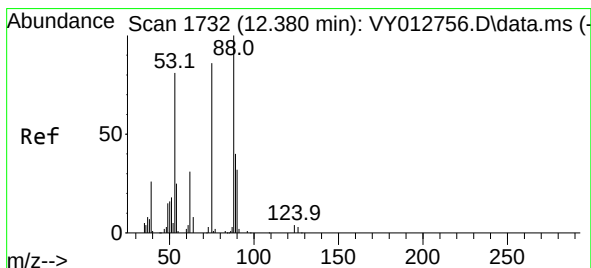
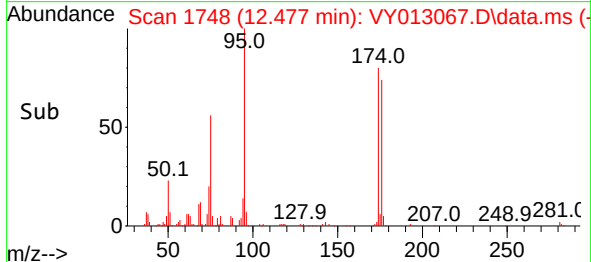
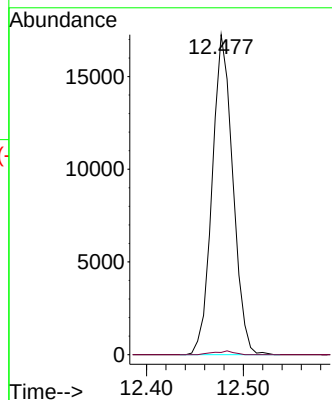
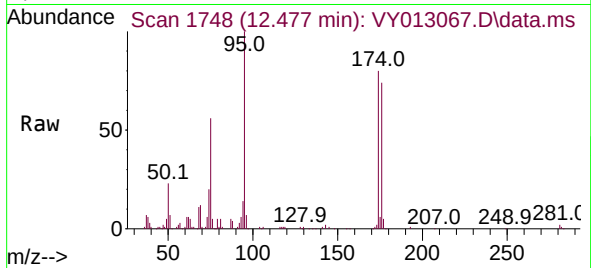




#76
1,2,3-Trichloropropane
Concen: 40.879 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY013067.D
Acq: 23 Mar 2023 17:59

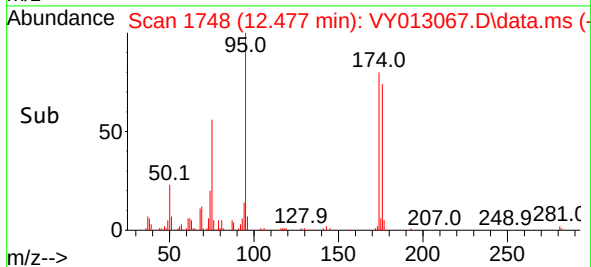
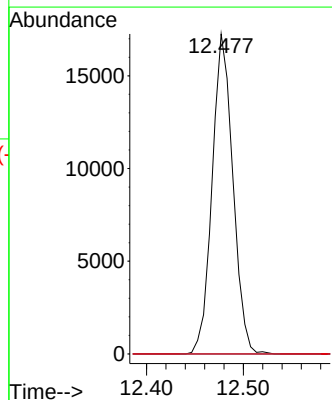
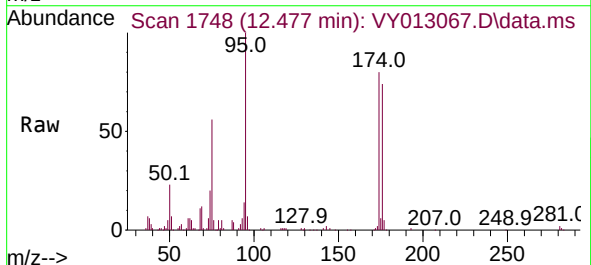
Instrument :
MSVOA_Y
ClientSampleId :
SOILPILE-2-0323

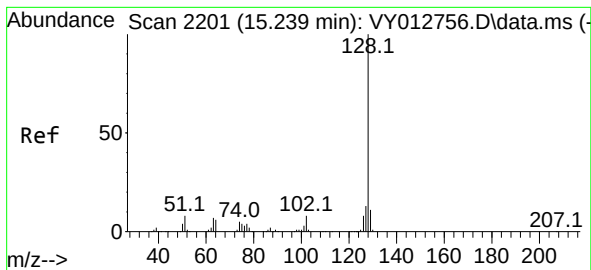
Tgt Ion: 75 Resp: 25719
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.702 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY013067.D
Acq: 23 Mar 2023 17:59

Tgt Ion: 75 Resp: 25719
Ion Ratio Lower Upper
75 100
53 0.0 73.4 110.0#
89 0.0 36.6 55.0#





#95

Naphthalene

Concen: 4.172 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY013067.D

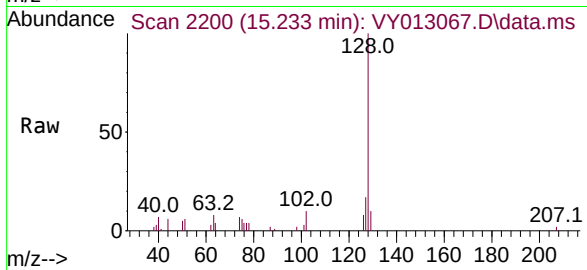
Acq: 23 Mar 2023 17:59

Instrument :

MSVOA_Y

ClientSampleId :

SOILPILE-2-0323



Tgt Ion:128 Resp: 8140

Ion Ratio Lower Upper

128 100

127 14.8 10.3 15.5

129 10.5 8.6 13.0

