

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110722\
 Data File : VY011345.D
 Acq On : 07 Nov 2022 19:04
 Operator : KP/MD
 Sample : N5378-08
 Misc : 7.48g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-PILE

Quant Time: Nov 08 03:31:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

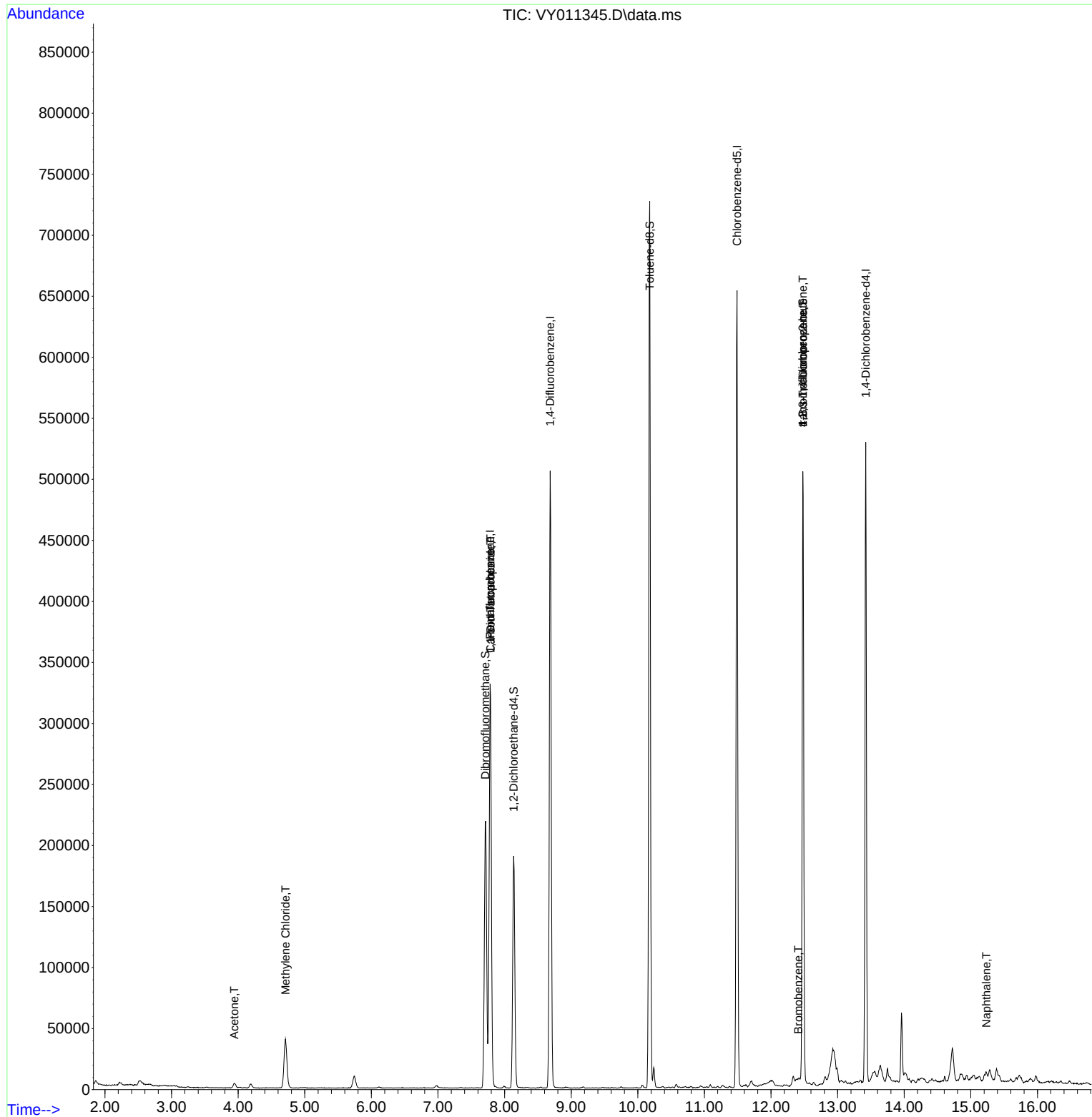
Internal Standards						
1) Pentafluorobenzene	7.783	168	268783	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	448056	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	370362	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	139637	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	147643	51.360	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 102.720%		
35) Dibromofluoromethane	7.710	113	160483	55.748	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 111.500%		
50) Toluene-d8	10.179	98	501426	44.862	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 89.720%		
62) 4-Bromofluorobenzene	12.477	95	155747	40.139	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 80.280%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	66	Below Cal	#	43
11) Tert butyl alcohol	4.954	59	226	Below Cal	#	77
16) Acetone	3.942	43	6526	7.521	ug/l #	85
20) Methylene Chloride	4.710	84	32468	4.581	ug/l #	81
36) 1,1-Dichloropropene	7.789	75	18702	3.978	ug/l #	51
38) Carbon Tetrachloride	7.789	117	25628	5.255	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	75214	44.244	ug/l #	100
77) Bromobenzene	12.410	156	11389	4.638	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.477	75	75214	94.689	ug/l #	8
95) Naphthalene	15.233	128	5882	4.840	ug/l #	90

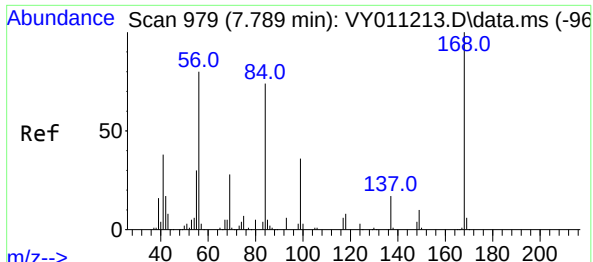
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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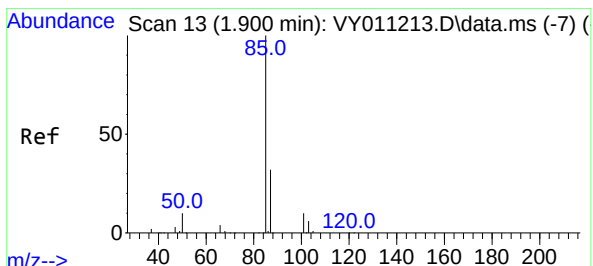
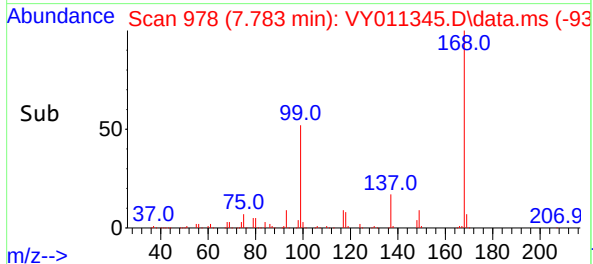
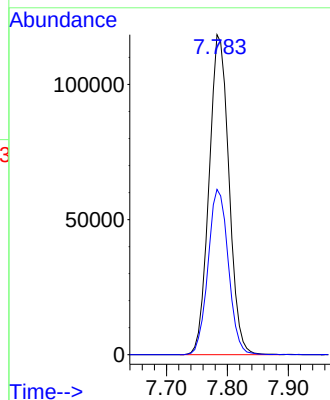
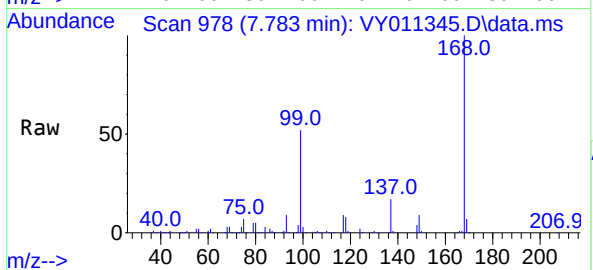




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011345.D
Acq: 07 Nov 2022 19:04

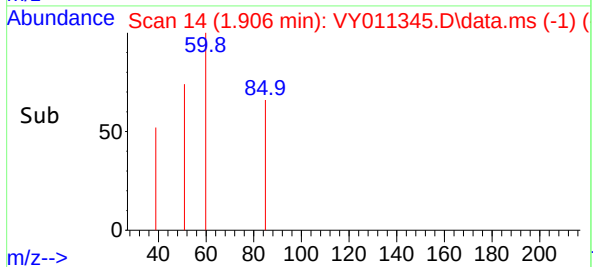
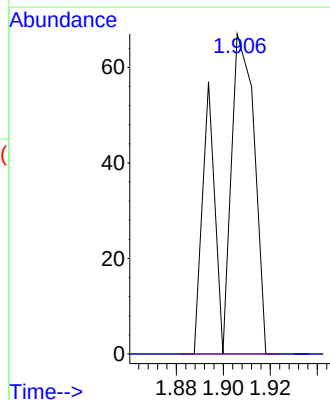
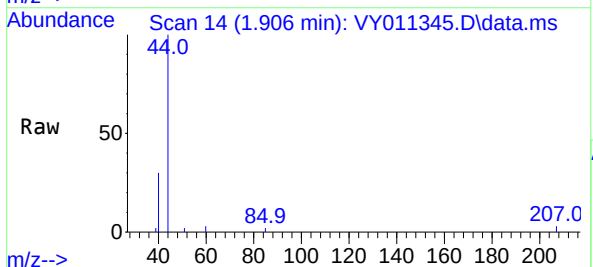
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-PILE

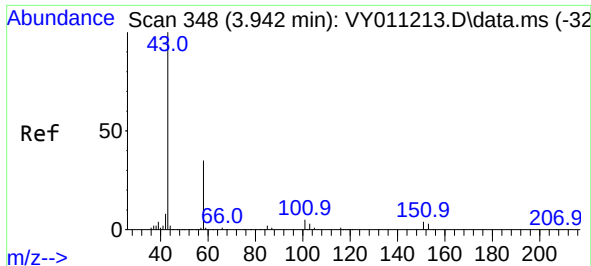
Tgt Ion:168 Resp: 268783
Ion Ratio Lower Upper
168 100
99 51.7 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY011345.D
Acq: 07 Nov 2022 19:04

Tgt Ion: 85 Resp: 66
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#





#16

Acetone

Concen: 7.521 ug/l

RT: 3.942 min Scan# 34

Delta R.T. 0.000 min

Lab File: VY011345.D

Acq: 07 Nov 2022 19:04

Instrument :

MSVOA_Y

ClientSampleId :

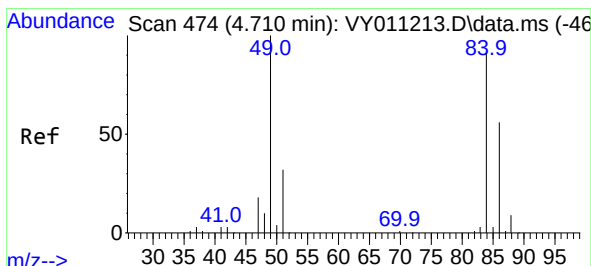
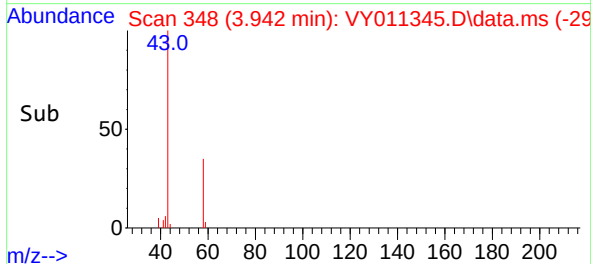
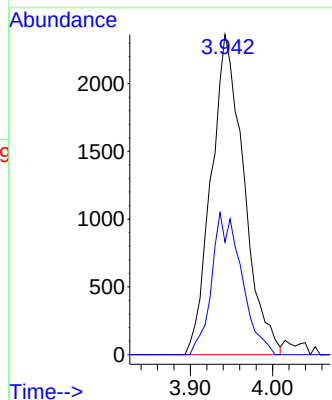
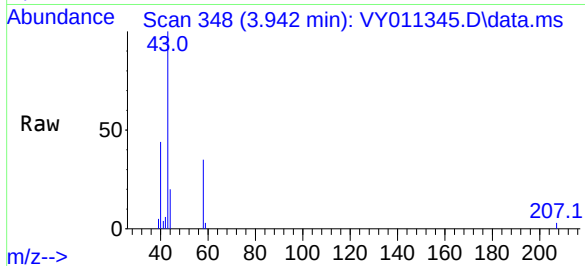
SOIL-PILE

Tgt Ion: 43 Resp: 6526

Ion Ratio Lower Upper

43 100

58 35.2 22.0 33.0#



#20

Methylene Chloride

Concen: 4.581 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY011345.D

Acq: 07 Nov 2022 19:04

Tgt Ion: 84 Resp: 32468

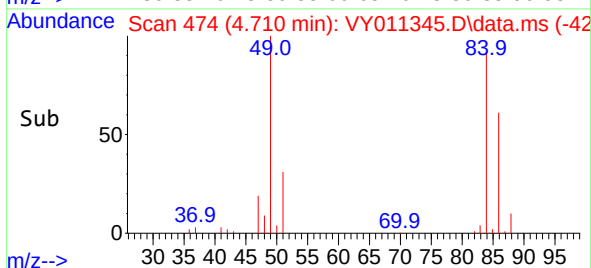
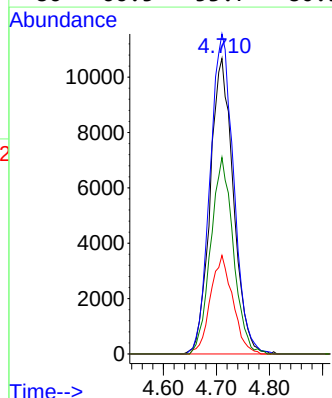
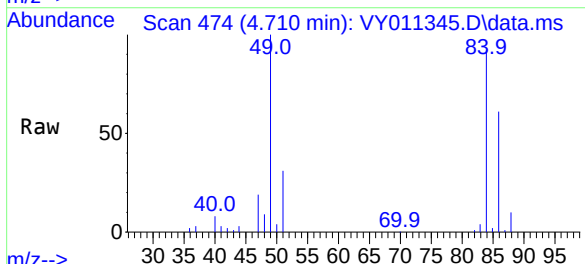
Ion Ratio Lower Upper

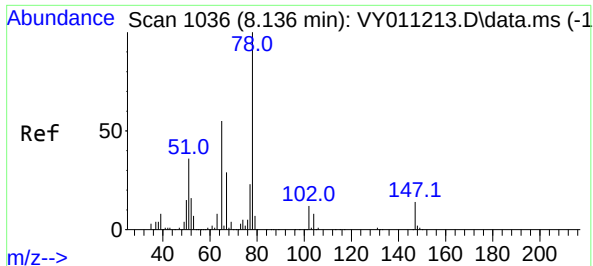
84 100

49 108.3 114.4 171.6#

51 33.3 35.3 52.9#

86 66.5 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 51.360 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY011345.D

Acq: 07 Nov 2022 19:04

Instrument :

MSVOA_Y

ClientSampleId :

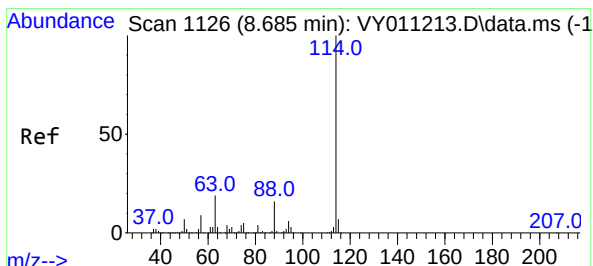
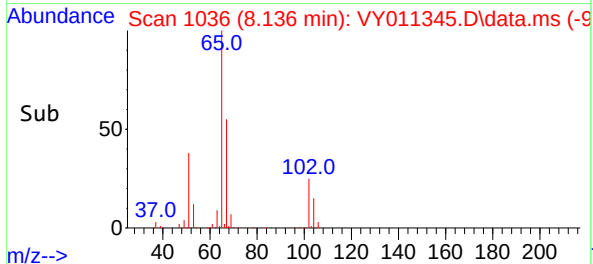
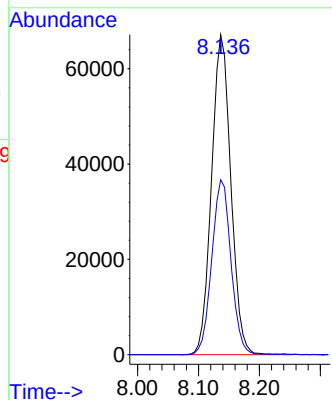
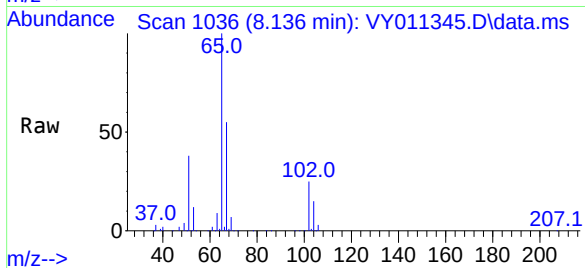
SOIL-PILE

Tgt Ion: 65 Resp: 147643

Ion Ratio Lower Upper

65 100

67 54.4 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY011345.D

Acq: 07 Nov 2022 19:04

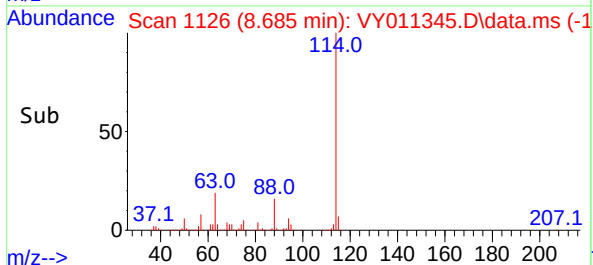
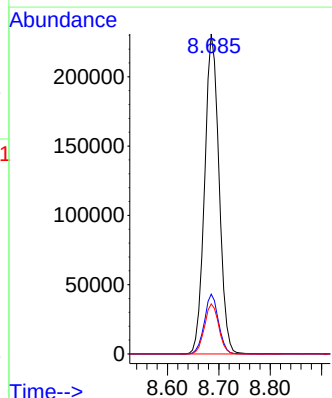
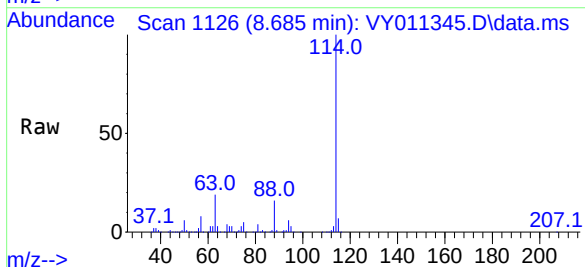
Tgt Ion: 114 Resp: 448056

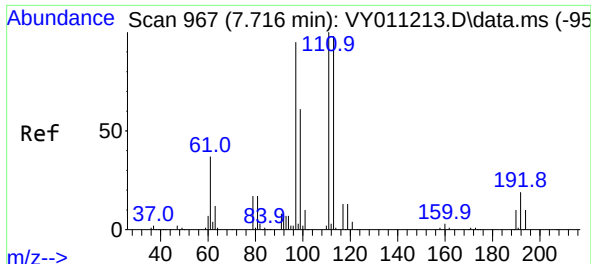
Ion Ratio Lower Upper

114 100

63 18.7 0.0 43.2

88 15.7 0.0 31.8

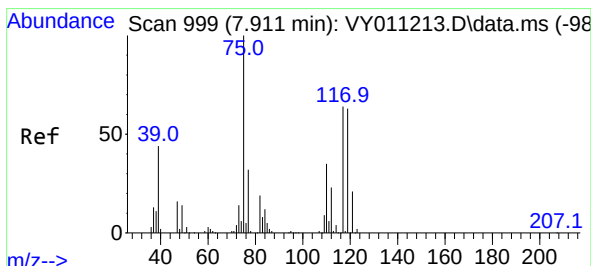
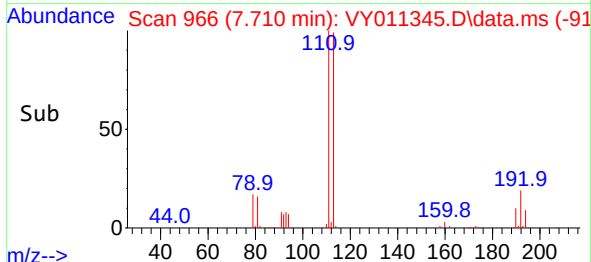
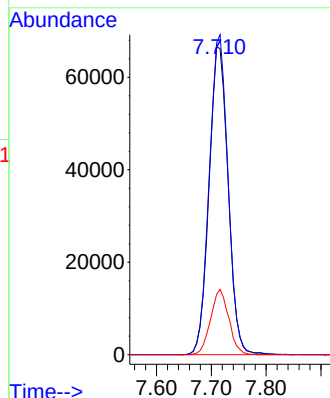
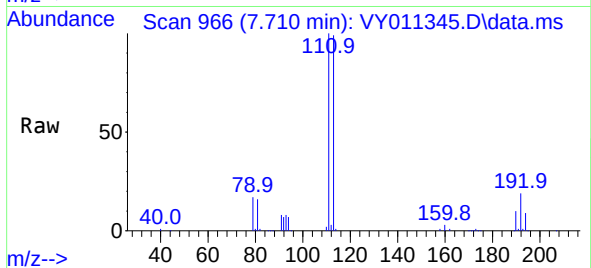




#35
Dibromofluoromethane
Concen: 55.748 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY011345.D
Acq: 07 Nov 2022 19:04

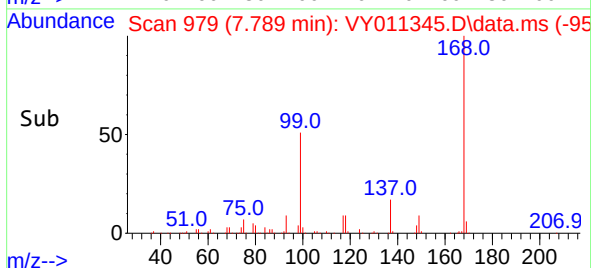
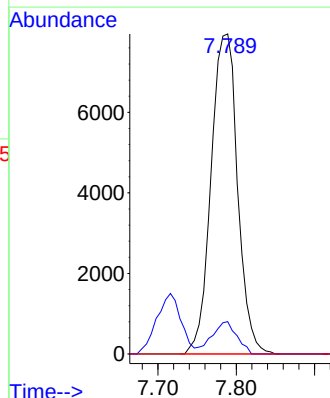
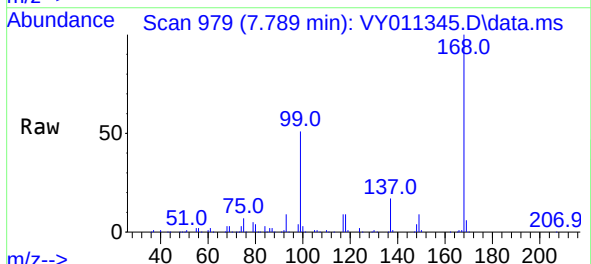
Instrument :
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ClientSampleId :
SOIL-PILE

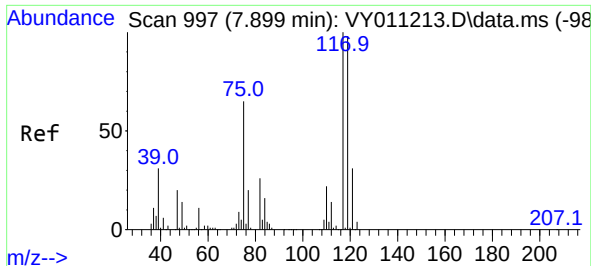
Tgt Ion:113 Resp: 160483
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 20.2 17.6 26.4



#36
1,1-Dichloropropene
Concen: 3.978 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY011345.D
Acq: 07 Nov 2022 19:04

Tgt Ion: 75 Resp: 18702
Ion Ratio Lower Upper
75 100
110 9.6 17.1 51.2#
77 0.0 24.4 36.6#

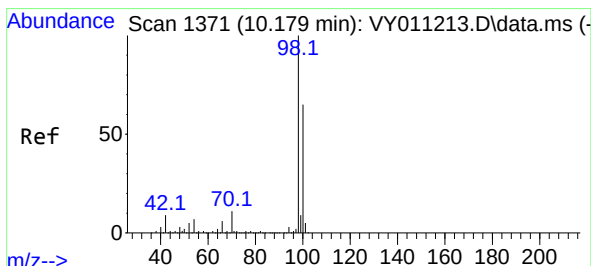
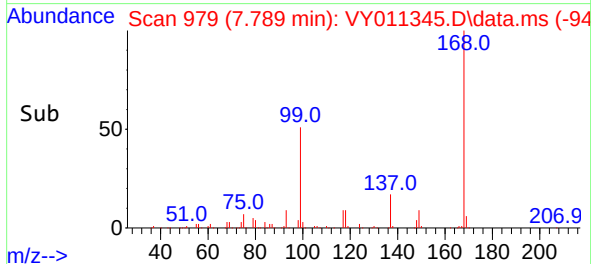
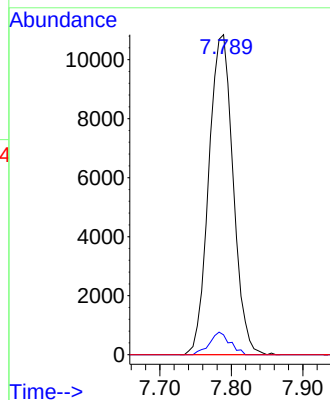
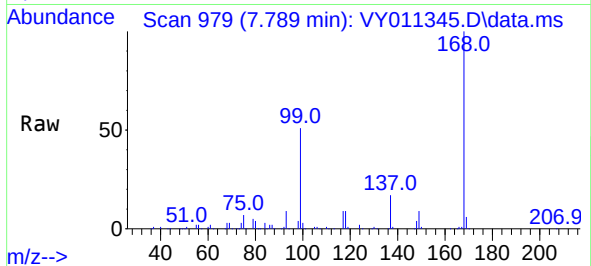




#38
Carbon Tetrachloride
Concen: 5.255 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY011345.D
Acq: 07 Nov 2022 19:04

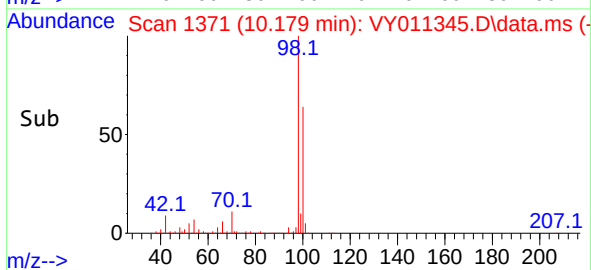
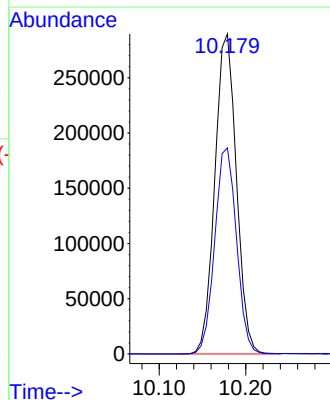
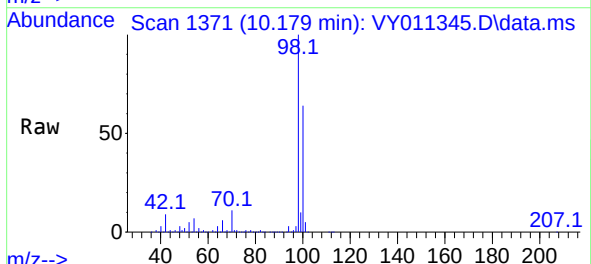
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-PILE

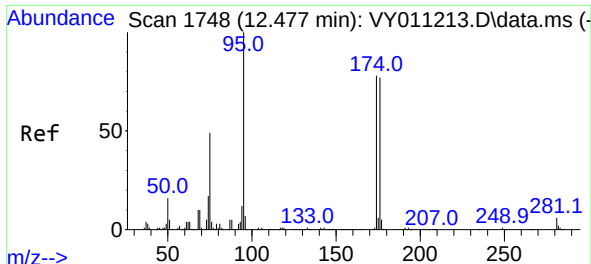
Tgt Ion:117 Resp: 25628
Ion Ratio Lower Upper
117 100
119 6.2 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 44.862 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011345.D
Acq: 07 Nov 2022 19:04

Tgt Ion: 98 Resp: 501426
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2

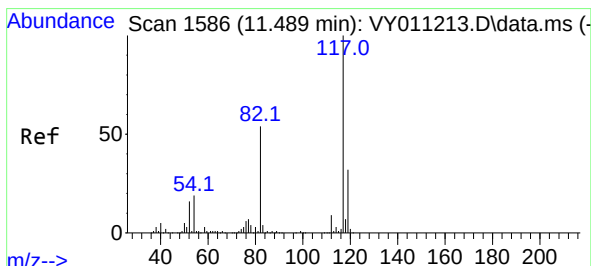
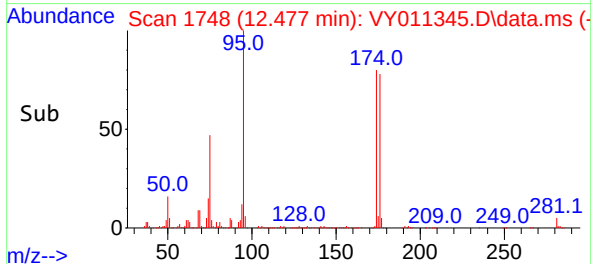
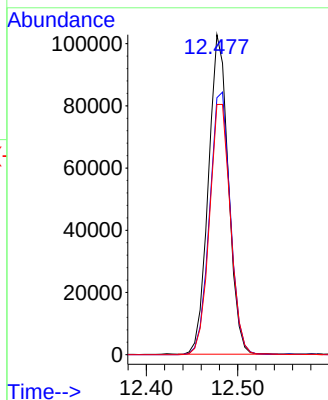
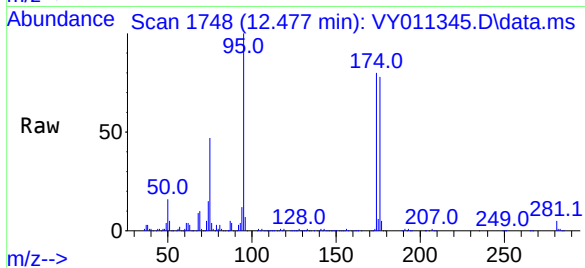




#62
4-Bromofluorobenzene
Concen: 40.139 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011345.D
Acq: 07 Nov 2022 19:04

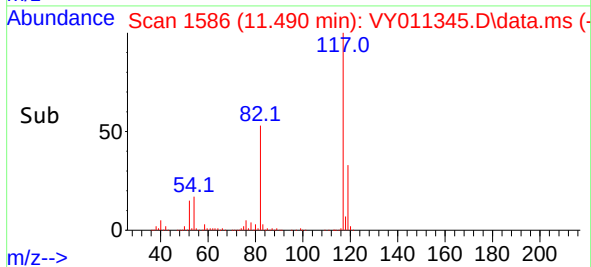
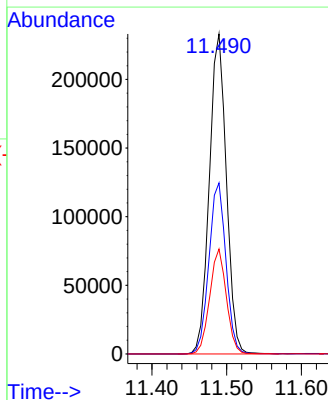
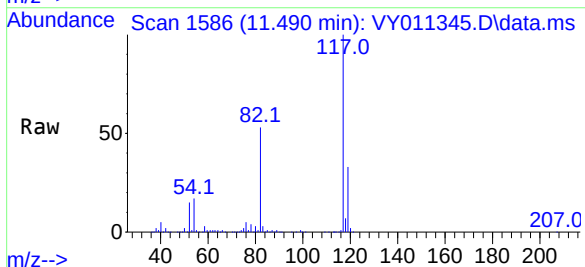
Instrument :
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SOIL-PILE

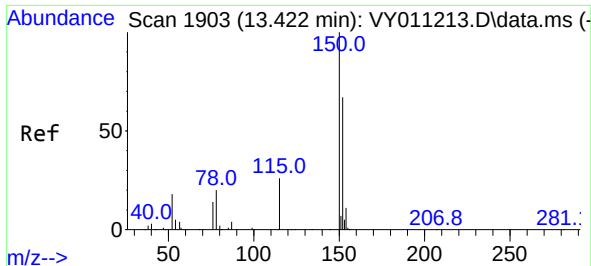
Tgt Ion: 95 Resp: 155747
Ion Ratio Lower Upper
95 100
174 85.4 0.0 177.0
176 82.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011345.D
Acq: 07 Nov 2022 19:04

Tgt Ion:117 Resp: 370362
Ion Ratio Lower Upper
117 100
82 53.5 43.0 64.4
119 32.8 25.4 38.0

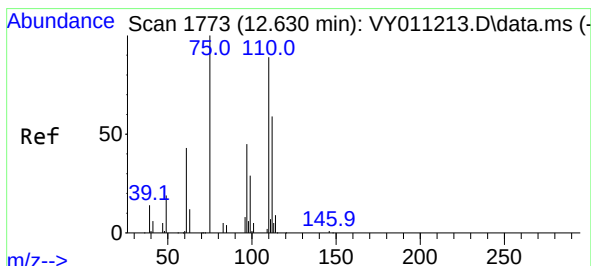
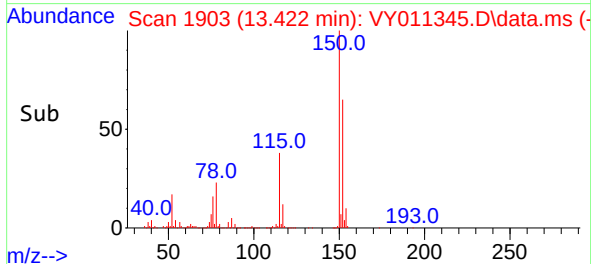
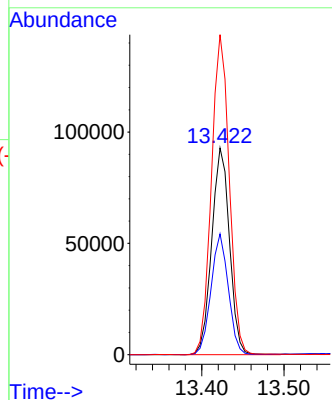
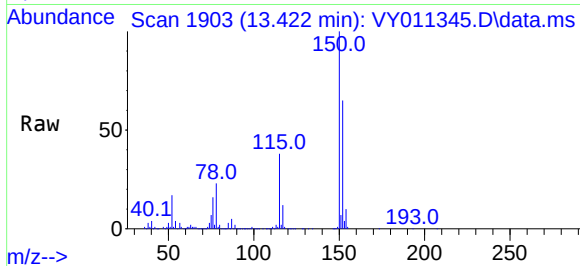




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY011345.D
 Acq: 07 Nov 2022 19:04

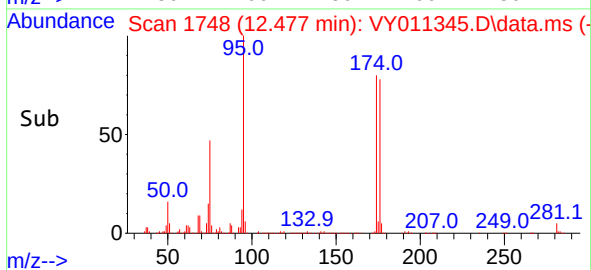
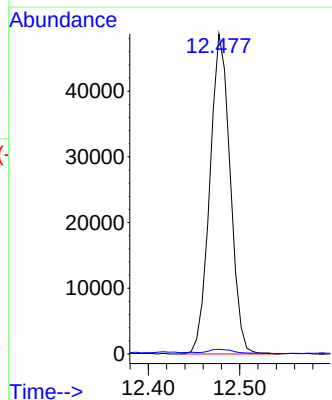
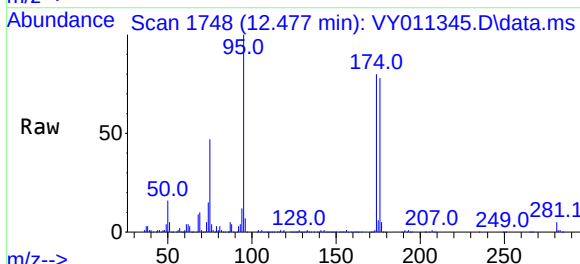
Instrument :
 MSVOA_Y
 ClientSampleId :
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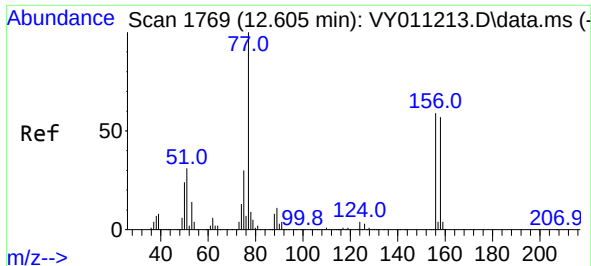
Tgt Ion:152 Resp: 139637
 Ion Ratio Lower Upper
 152 100
 115 57.0 28.2 84.7
 150 155.3 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 44.244 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY011345.D
 Acq: 07 Nov 2022 19:04

Tgt Ion: 75 Resp: 75214
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#

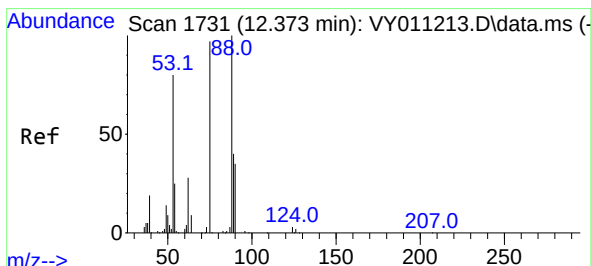
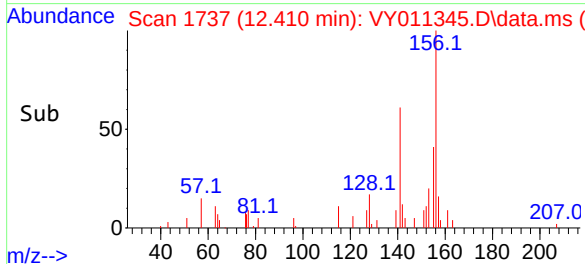
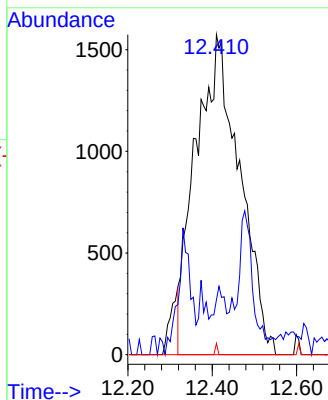
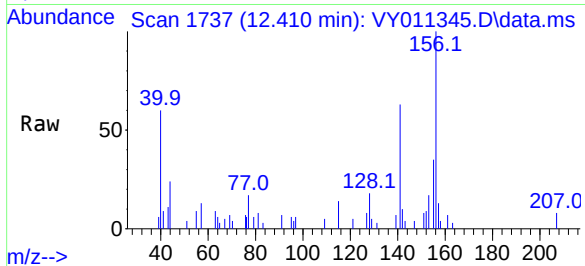




#77
Bromobenzene
Concen: 4.638 ug/l
RT: 12.410 min Scan# 11
Delta R.T. -0.195 min
Lab File: VY011345.D
Acq: 07 Nov 2022 19:04

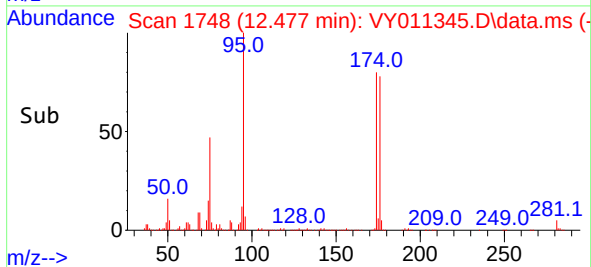
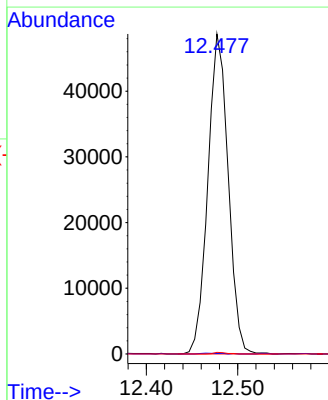
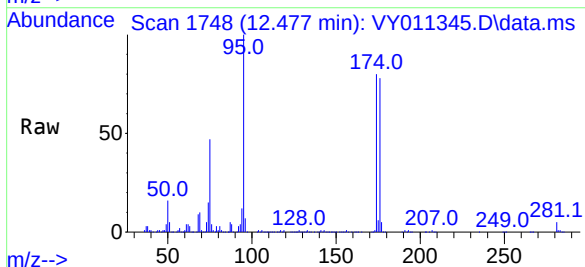
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-PILE

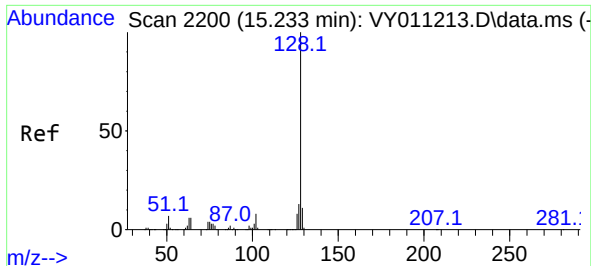
Tgt Ion:156 Resp: 11389
Ion Ratio Lower Upper
156 100
77 2.8 95.5 286.4#
158 0.2 48.0 144.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.689 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY011345.D
Acq: 07 Nov 2022 19:04

Tgt Ion: 75 Resp: 75214
Ion Ratio Lower Upper
75 100
53 0.3 85.3 127.9#
89 0.3 37.0 55.4#





#95
Naphthalene
Concen: 4.840 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY011345.D
Acq: 07 Nov 2022 19:04

Instrument :
MSVOA_Y
ClientSampleId :
SOIL-PILE

Tgt Ion	Ratio	Lower	Upper
128	100		
127	15.1	11.0	16.4
129	17.3	8.4	12.6

