

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071323\
 Data File : VY014634.D
 Acq On : 13 Jul 2023 18:00
 Operator : SY/MD
 Sample : 03592-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-PILE

Quant Time: Jul 14 04:28:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

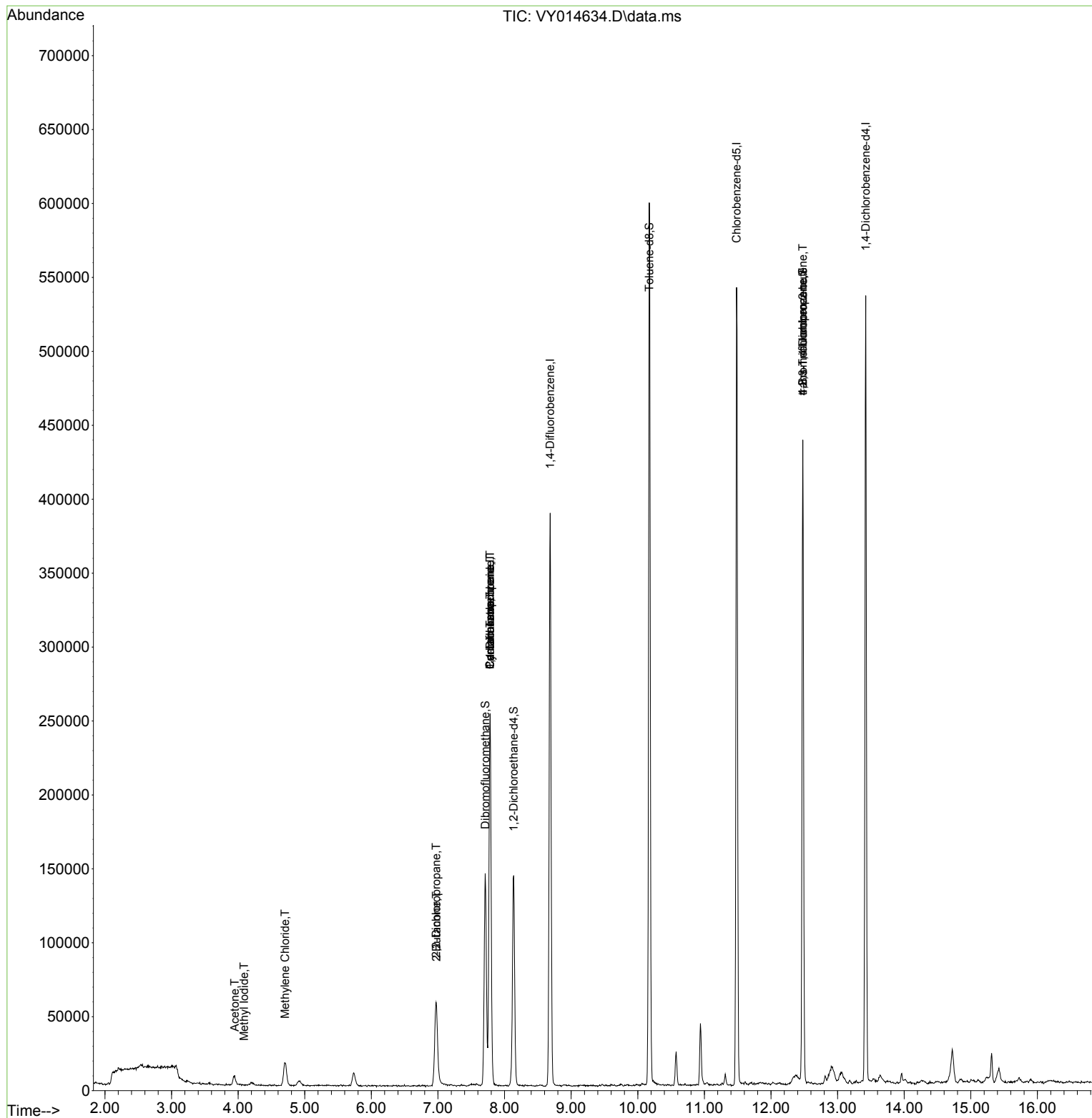
Internal Standards						
1) Pentafluorobenzene	7.783	168	195160	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	332463	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.484	117	293820	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	133892	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	109206	49.105	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.220%
35) Dibromofluoromethane	7.710	113	100943	47.696	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.400%
50) Toluene-d8	10.173	98	391036	50.116	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.240%
62) 4-Bromofluorobenzene	12.477	95	139923	46.768	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.540%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.088	142	392	2.541	ug/l #	61
11) Tert butyl alcohol	4.924	59	4020	Below Cal	#	96
16) Acetone	3.948	43	11009	15.621	ug/l #	89
20) Methylene Chloride	4.704	84	12402	1.305	ug/l	92
25) 2-Butanone	6.978	43	4121	3.997	ug/l #	85
26) 2,2-Dichloropropane	6.972	77	4688	1.239	ug/l #	57
31) Cyclohexane	7.783	56	4897	1.326	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	14818	4.682	ug/l #	51
38) Carbon Tetrachloride	7.783	117	20143	6.021	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	71202	42.106	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	71202	81.525	ug/l #	10

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

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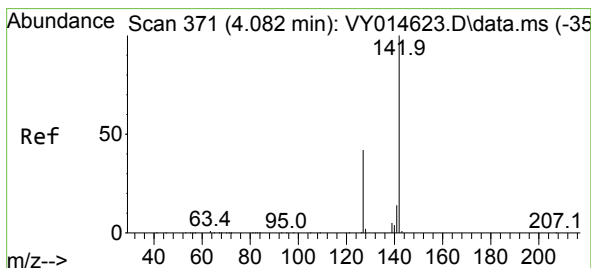
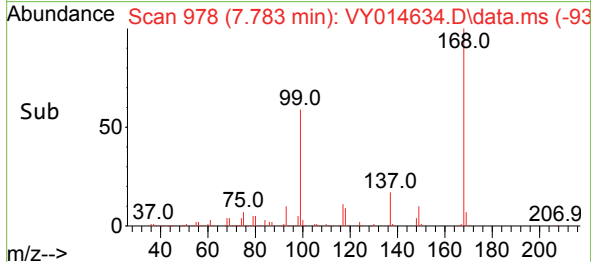
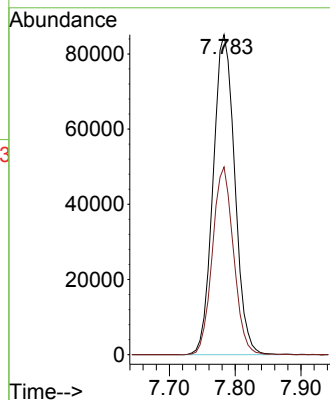
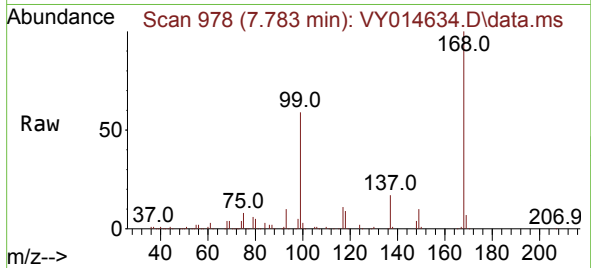




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014634.D
Acq: 13 Jul 2023 18:00

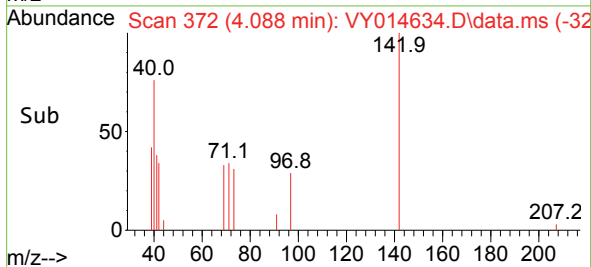
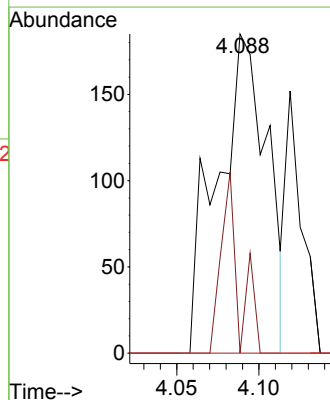
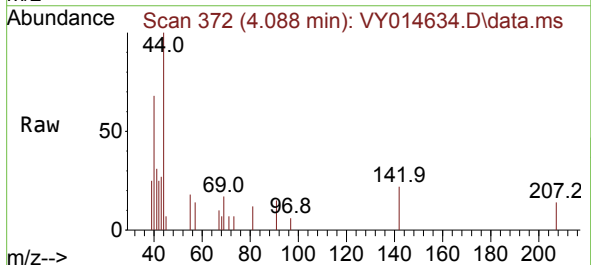
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-PILE

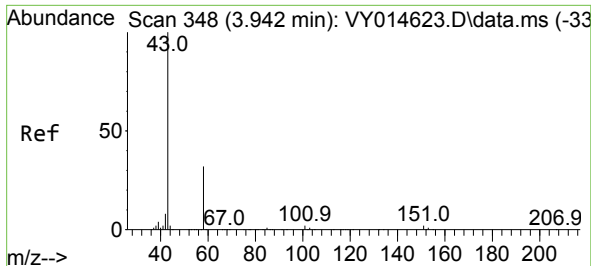
Tgt Ion:168 Resp: 195160
Ion Ratio Lower Upper
168 100
99 58.7 43.4 65.0



#10
Methyl Iodide
Concen: 2.541 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY014634.D
Acq: 13 Jul 2023 18:00

Tgt Ion:142 Resp: 392
Ion Ratio Lower Upper
142 100
127 20.4 37.6 56.4#
141 0.0 11.8 17.8#





#16

Acetone

Concen: 15.621 ug/l

RT: 3.948 min Scan# 348

Delta R.T. 0.006 min

Lab File: VY014634.D

Acq: 13 Jul 2023 18:00

Instrument :

MSVOA_Y

ClientSampleId :

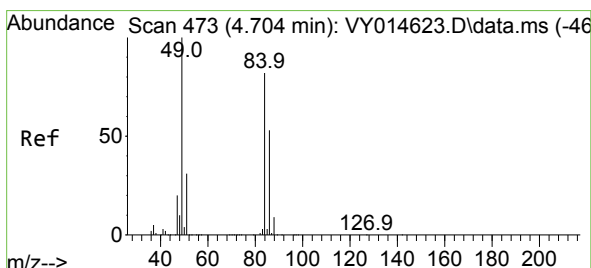
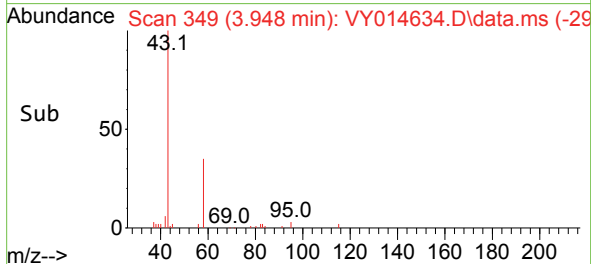
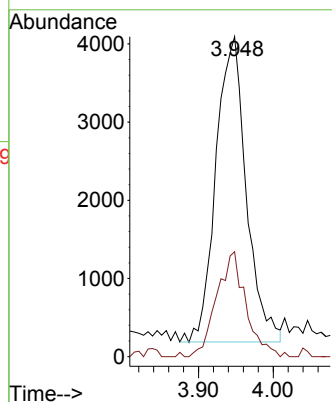
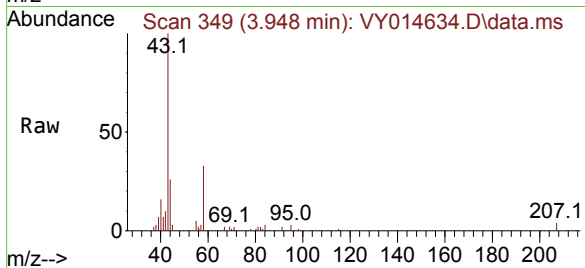
SOIL-PILE

Tgt Ion: 43 Resp: 11009

Ion Ratio Lower Upper

43 100

58 34.4 22.7 34.1#



#20

Methylene Chloride

Concen: 1.305 ug/l

RT: 4.704 min Scan# 473

Delta R.T. 0.000 min

Lab File: VY014634.D

Acq: 13 Jul 2023 18:00

Tgt Ion: 84 Resp: 12402

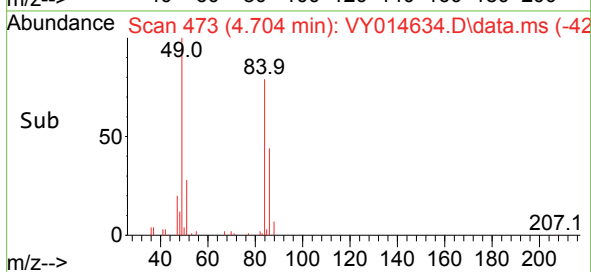
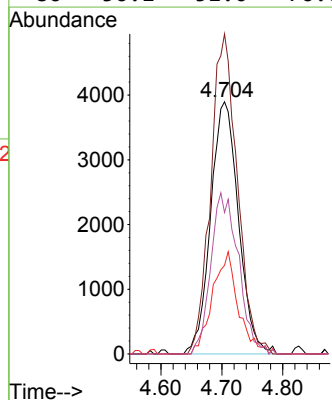
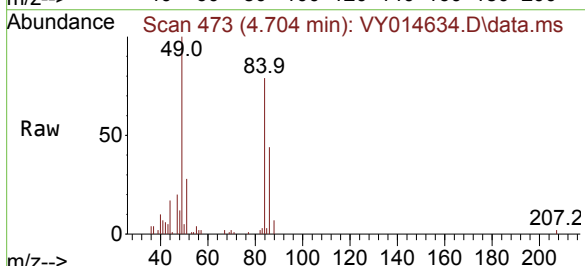
Ion Ratio Lower Upper

84 100

49 126.9 106.9 160.3

51 35.1 33.2 49.8

86 56.1 51.0 76.6

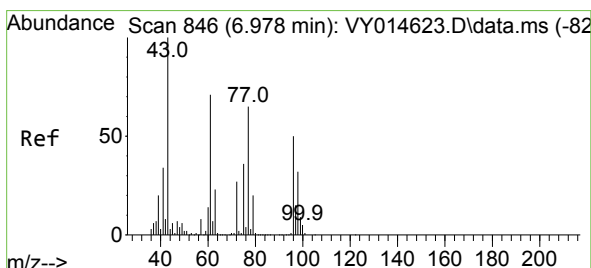
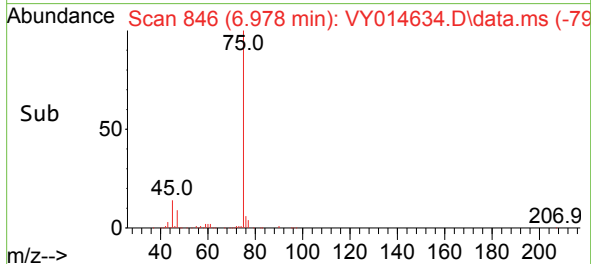
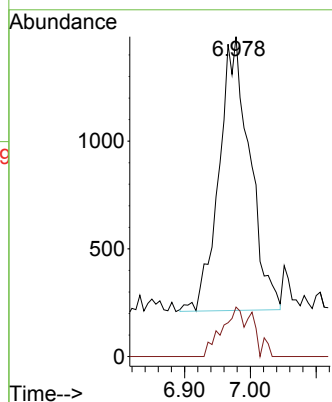
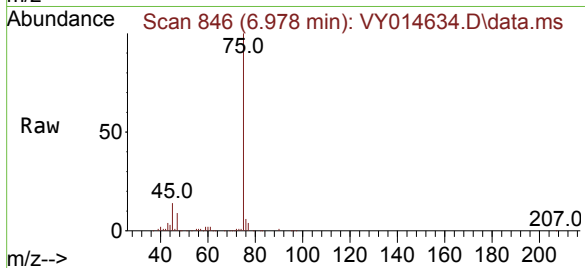




#25
2-Butanone
Concen: 3.997 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY014634.D
Acq: 13 Jul 2023 18:00

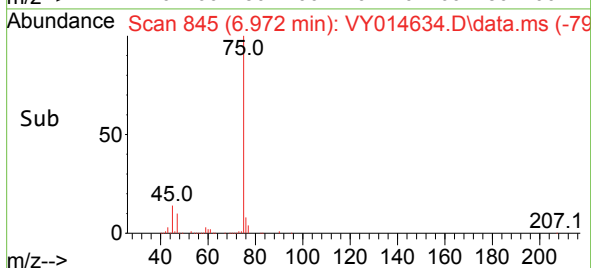
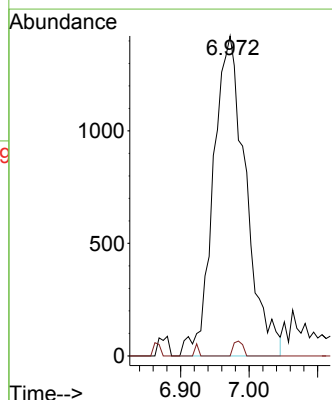
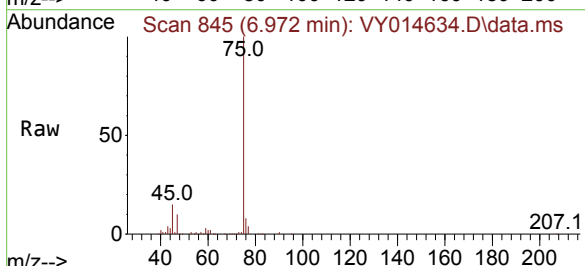
Instrument :
MSVOA_Y
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SOIL-PILE

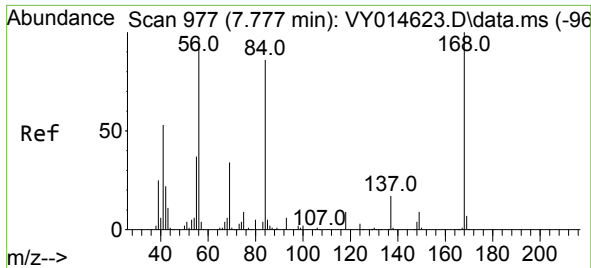
Tgt Ion: 43 Resp: 4121
Ion Ratio Lower Upper
43 100
72 18.2 20.5 30.7#



#26
2,2-Dichloropropane
Concen: 1.239 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY014634.D
Acq: 13 Jul 2023 18:00

Tgt Ion: 77 Resp: 4688
Ion Ratio Lower Upper
77 100
97 1.4 10.9 32.9#

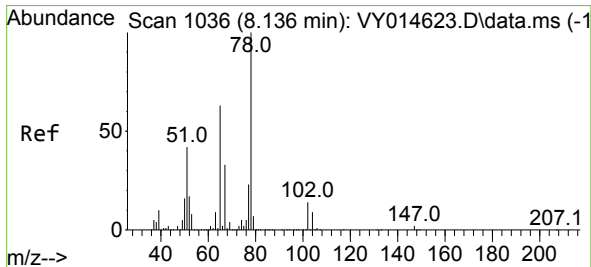
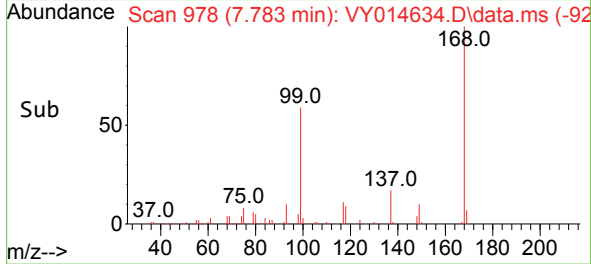
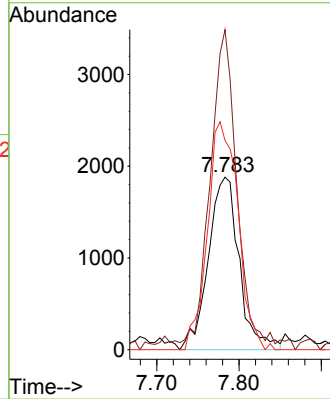
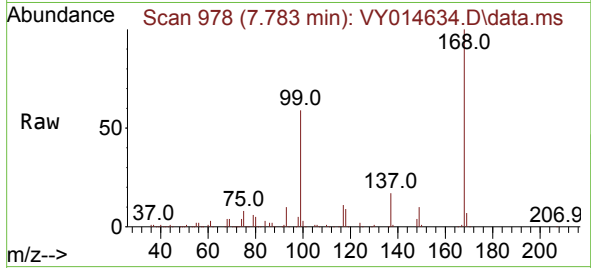




#31
Cyclohexane
Concen: 1.326 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014634.D
Acq: 13 Jul 2023 18:00

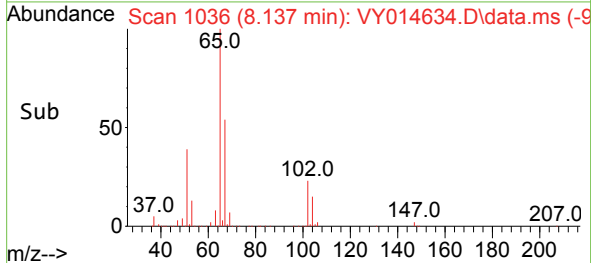
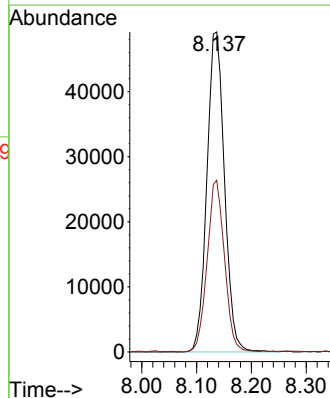
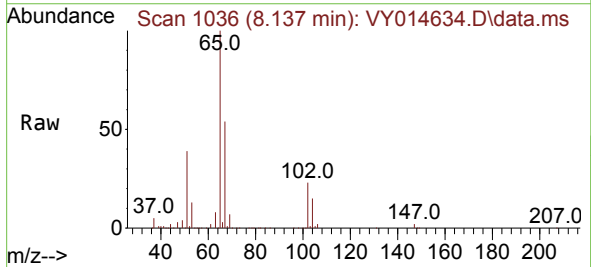
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-PILE

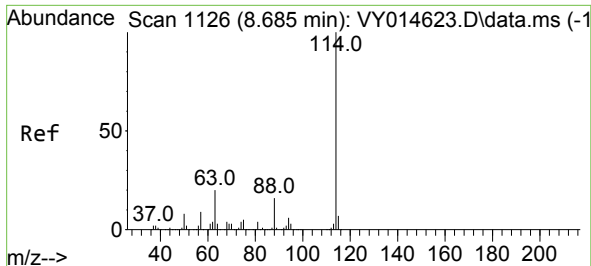
Tgt Ion: 56 Resp: 4897
Ion Ratio Lower Upper
56 100
69 181.4 27.8 41.6#
84 121.3 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 49.105 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY014634.D
Acq: 13 Jul 2023 18:00

Tgt Ion: 65 Resp: 109206
Ion Ratio Lower Upper
65 100
67 53.1 0.0 101.8

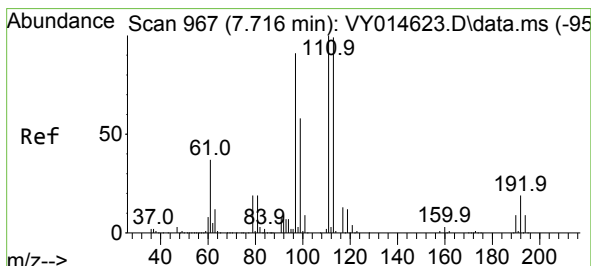
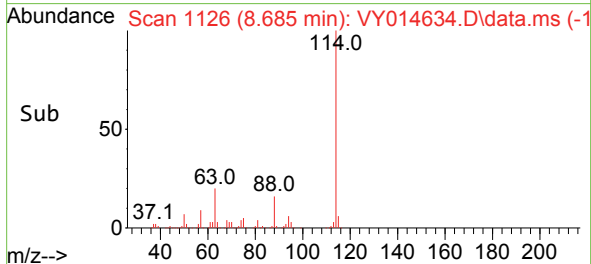
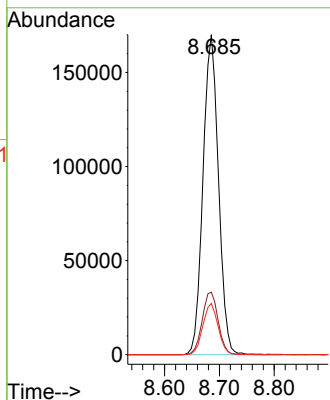
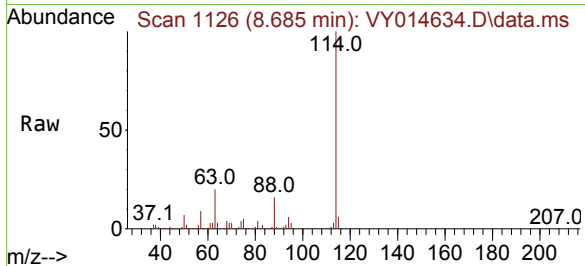




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY014634.D
Acq: 13 Jul 2023 18:00

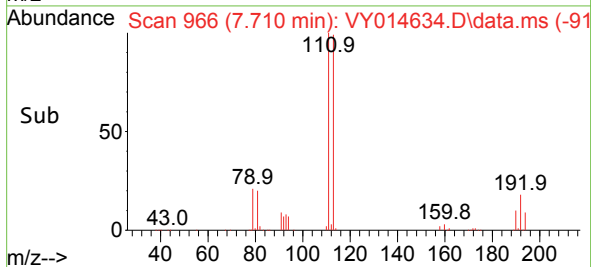
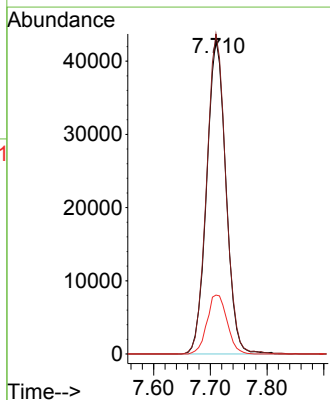
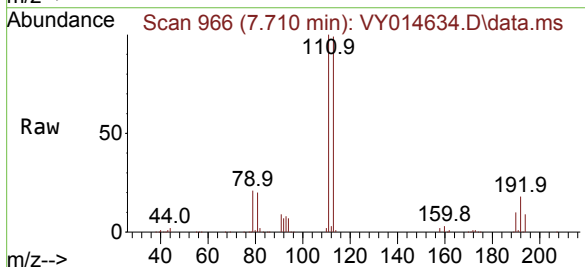
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-PILE

Tgt Ion:114 Resp: 332463
Ion Ratio Lower Upper
114 100
63 19.5 0.0 42.4
88 16.0 0.0 30.6



#35
Dibromofluoromethane
Concen: 47.696 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY014634.D
Acq: 13 Jul 2023 18:00

Tgt Ion:113 Resp: 100943
Ion Ratio Lower Upper
113 100
111 102.0 81.3 121.9
192 19.6 16.9 25.3

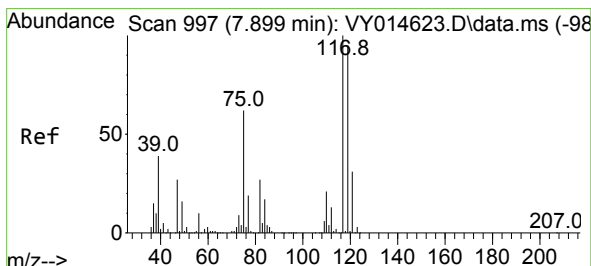
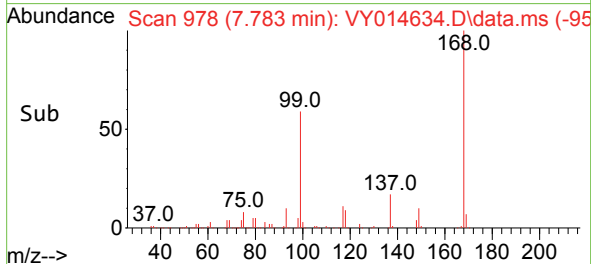
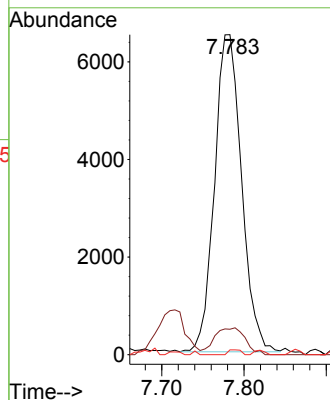
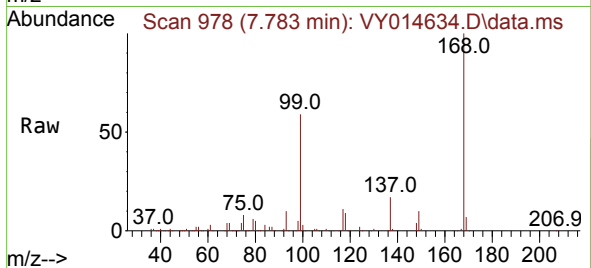




#36
1,1-Dichloropropene
Concen: 4.682 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY014634.D
Acq: 13 Jul 2023 18:00

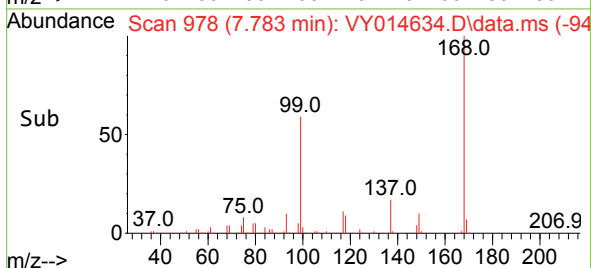
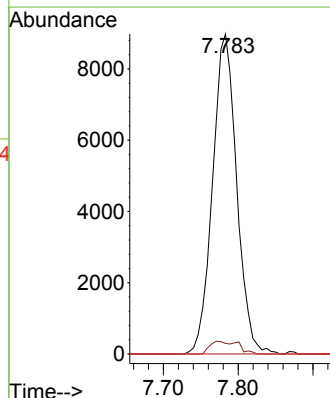
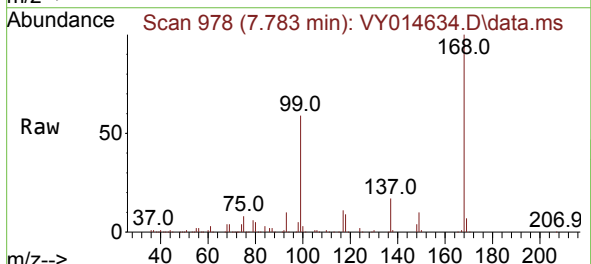
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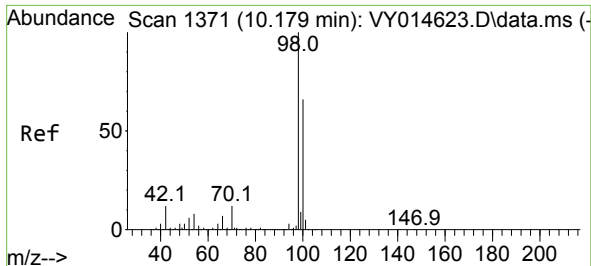
Tgt Ion: 75 Resp: 14818
Ion Ratio Lower Upper
75 100
110 9.7 17.8 53.5#
77 0.7 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.021 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY014634.D
Acq: 13 Jul 2023 18:00

Tgt Ion: 117 Resp: 20143
Ion Ratio Lower Upper
117 100
119 3.3 76.4 114.6#
121 0.0 25.8 38.6#

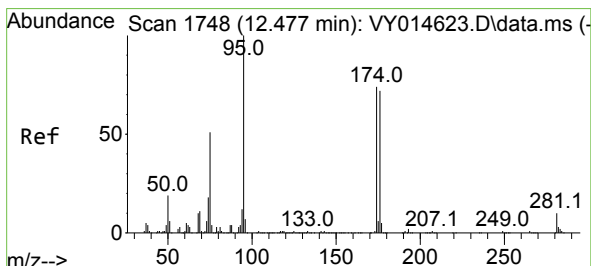
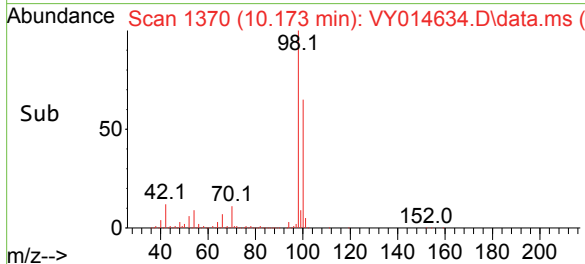
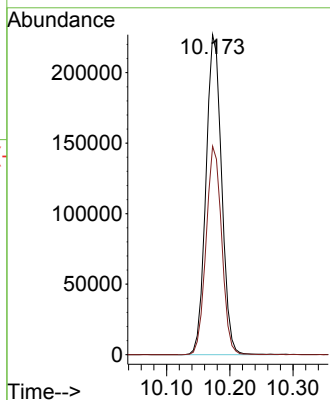
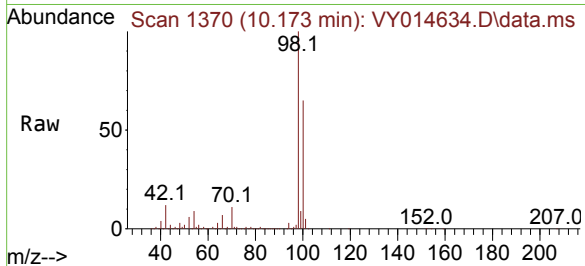




#50
Toluene-d8
Concen: 50.116 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014634.D
Acq: 13 Jul 2023 18:00

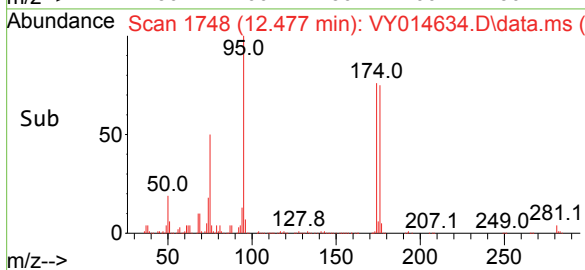
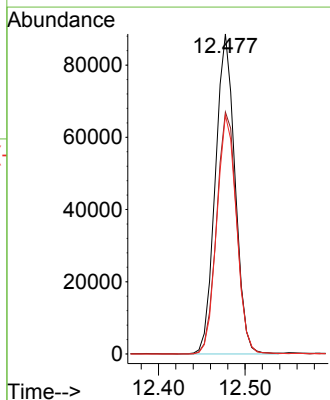
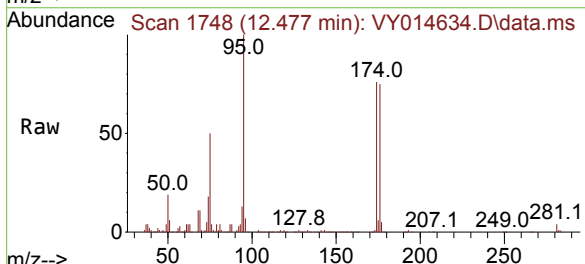
Instrument :
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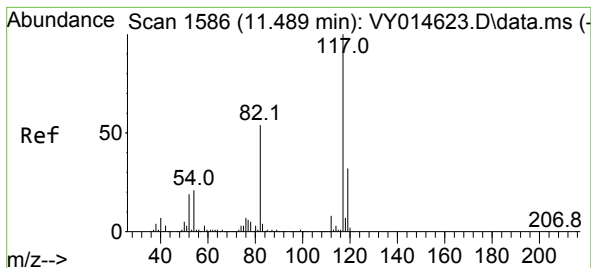
Tgt Ion: 98 Resp: 391036
Ion Ratio Lower Upper
98 100
100 65.0 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 46.768 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014634.D
Acq: 13 Jul 2023 18:00

Tgt Ion: 95 Resp: 139923
Ion Ratio Lower Upper
95 100
174 77.1 0.0 178.2
176 74.7 0.0 173.8

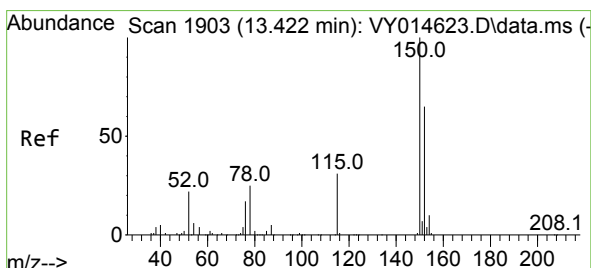
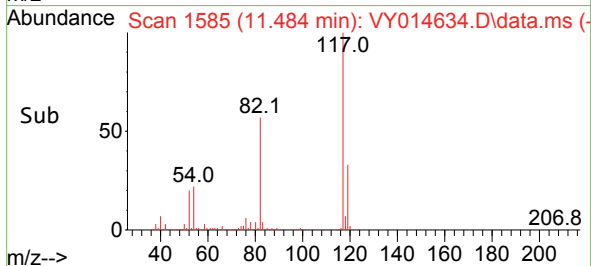
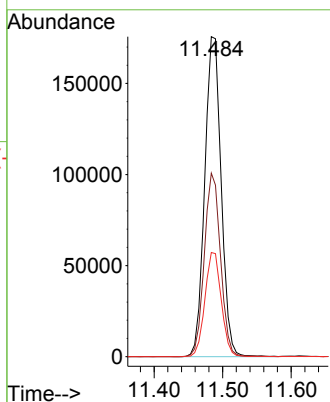
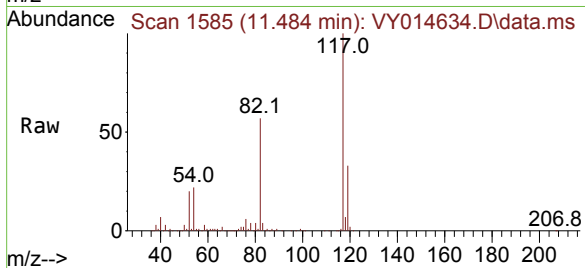




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.484 min Scan# 11
Delta R.T. -0.005 min
Lab File: VY014634.D
Acq: 13 Jul 2023 18:00

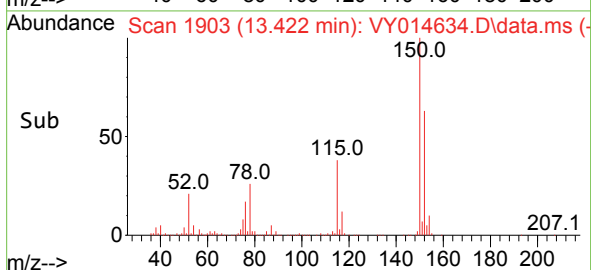
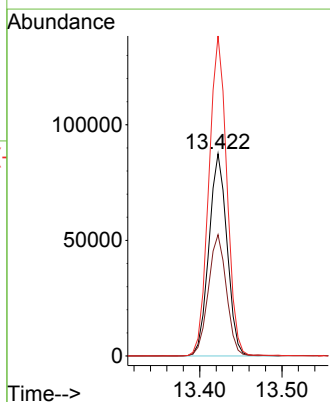
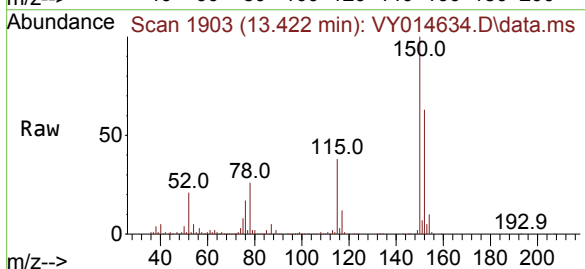
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-PILE

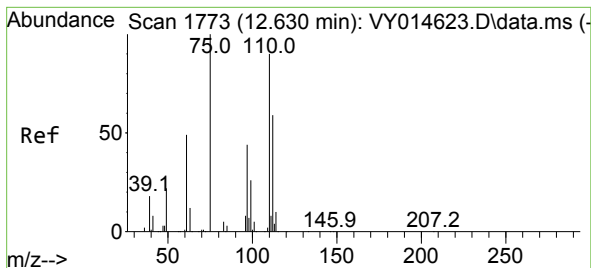
Tgt Ion:117 Resp: 293820
Ion Ratio Lower Upper
117 100
82 57.3 43.4 65.0
119 32.6 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY014634.D
Acq: 13 Jul 2023 18:00

Tgt Ion:152 Resp: 133892
Ion Ratio Lower Upper
152 100
115 59.8 28.8 86.5
150 157.5 0.0 348.8

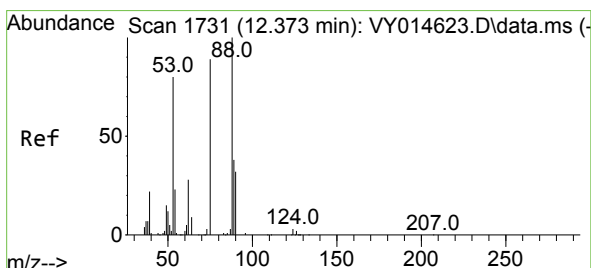
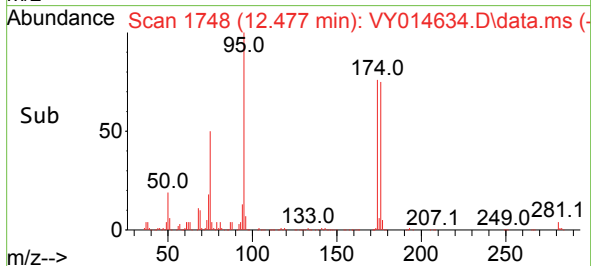
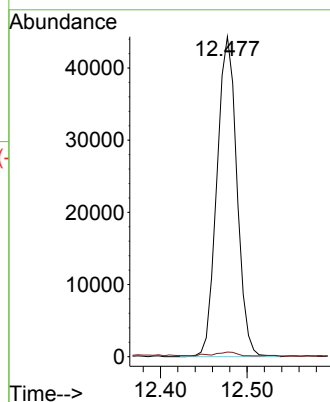
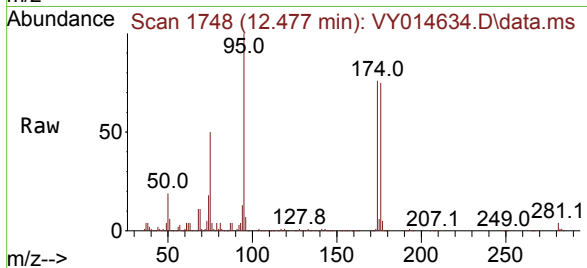




#76
1,2,3-Trichloropropane
Concen: 42.106 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY014634.D
Acq: 13 Jul 2023 18:00

Instrument :
MSVOA_Y
ClientSampleId :
SOIL-PILE

Tgt Ion: 75 Resp: 71202
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.525 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY014634.D
Acq: 13 Jul 2023 18:00

Tgt Ion: 75 Resp: 71202
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

