

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110322\
 Data File : VY011284.D
 Acq On : 03 Nov 2022 14:09
 Operator : KP/MD
 Sample : N5317-24DL 4X
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PT-VOA-SOILDL

Quant Time: Nov 04 02:20:35 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	192241	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	318265	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	282213	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	135050	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	103799	50.485	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.980%	
35) Dibromofluoromethane	7.716	113	102090	49.926	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.860%	
50) Toluene-d8	10.179	98	372567	46.927	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 93.860%	
62) 4-Bromofluorobenzene	12.477	95	126755	45.989	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 91.980%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	338	Below Cal		97
11) Tert butyl alcohol	4.930	59	3626	Below Cal	#	77
12) 1,1-Dichloroethene	3.869	96	109265	52.252	ug/l	87
13) Acrolein	3.741	56	21	Below Cal	#	14
14) Allyl chloride	4.710	41	3968	1.253	ug/l	# 22
15) Acrylonitrile	5.210	53	3188	5.033	ug/l	# 21
16) Acetone	3.942	43	71951	115.931	ug/l	# 87
19) Methyl tert-butyl Ether	5.216	73	292205	52.585	ug/l	97
20) Methylene Chloride	4.710	84	94335	35.731	ug/l	86
21) trans-1,2-Dichloroethene	5.210	96	90372	37.997	ug/l	91
24) 1,1-Dichloroethane	6.015	63	232124	56.441	ug/l	98
25) 2-Butanone	6.978	43	79108	90.589	ug/l	# 88
26) 2,2-Dichloropropane	6.978	77	183705	48.850	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	116584	44.486	ug/l	93
28) Bromochloromethane	7.502	49	15712	9.946	ug/l	# 16
30) Chloroform	7.502	83	210101	50.581	ug/l	97
31) Cyclohexane	7.783	56	3944	1.035	ug/l	# 1
32) 1,1,1-Trichloroethane	7.697	97	31661	8.594	ug/l	96
36) 1,1-Dichloropropene	7.911	75	120392	36.053	ug/l	99
37) Ethyl Acetate	6.978	43	79108	43.945	ug/l	# 1
38) Carbon Tetrachloride	7.783	117	19116	5.518	ug/l	# 15
40) Benzene	8.155	78	465279	47.408	ug/l	97
42) 1,2-Dichloroethane	8.234	62	133460	50.078	ug/l	91
45) 1,2-Dichloropropane	9.209	63	43535	17.943	ug/l	97
46) Dibromomethane	9.490	93	4898	3.573	ug/l	# 3
47) Bromodichloromethane	9.490	83	159290	49.015	ug/l	97
48) Methyl methacrylate	9.209	41	22213	15.248	ug/l	# 44
49) 1,4-Dioxane	9.490	88	120	6.507	ug/l	# 36
52) Toluene	10.240	92	285400	46.899	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	57834	16.898	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	127928	32.666	ug/l	# 84
55) 1,1,2-Trichloroethane	10.642	97	62193	31.654	ug/l	99
59) 2-Hexanone	10.831	43	86132	69.960	ug/l	90
60) Dibromochloromethane	10.983	129	59984	25.695	ug/l	100
65) Chlorobenzene	11.514	112	328432	52.750	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	109098	47.588	ug/l	98

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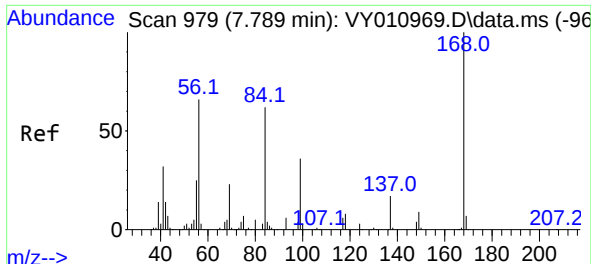
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

67) Ethyl Benzene	11.697	91	316522	28.659	ug/l #	66
68) m/p-Xylenes	11.697	106	157719	36.788	ug/l	95
69) o-Xylene	12.026	106	152721	38.002	ug/l	95
70) Styrene	12.026	104	7942	1.166	ug/l #	1
71) Bromoform	12.209	173	28981	20.339	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	12.581	83	17863	8.549	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	48624	29.574	ug/l #	100
78) n-propylbenzene	12.855	91	223443	18.085	ug/l #	53
79) 2-Chlorotoluene	12.855	91	223443	31.563	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.477	75	65587	85.374	ug/l #	7
82) 4-Chlorotoluene	12.855	91	223443	30.628	ug/l	99
83) tert-Butylbenzene	13.117	119	51986	7.061	ug/l #	71
84) 1,2,4-Trimethylbenzene	13.117	105	425687	50.374	ug/l	98
85) sec-Butylbenzene	13.117	105	425687	38.998	ug/l #	56
86) p-Isopropyltoluene	13.117	119	51986	5.714	ug/l #	14
91) 1,2-Dichlorobenzene	13.739	146	156676	36.830	ug/l	98
95) Naphthalene	15.233	128	164082	29.096	ug/l	98

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

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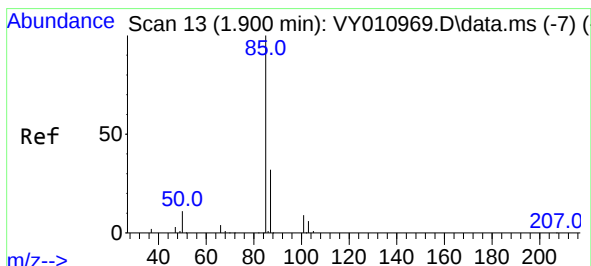
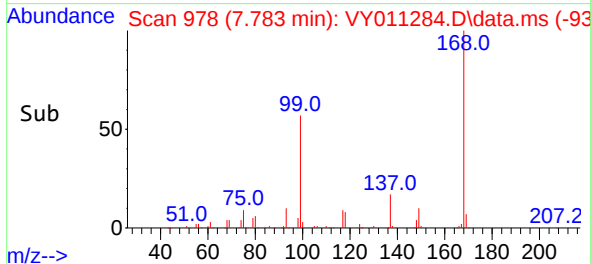
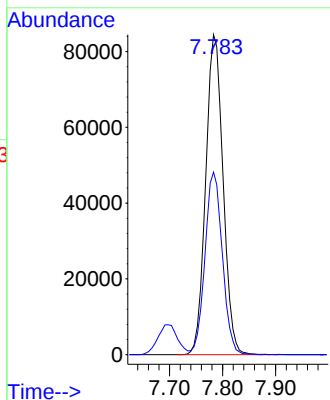
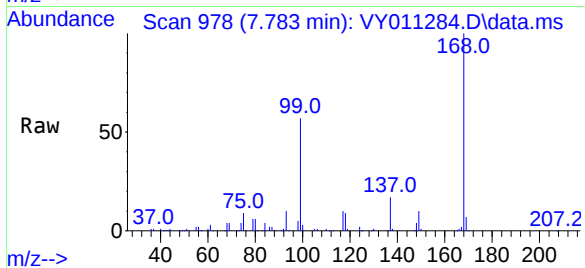




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011284.D
Acq: 03 Nov 2022 14:09

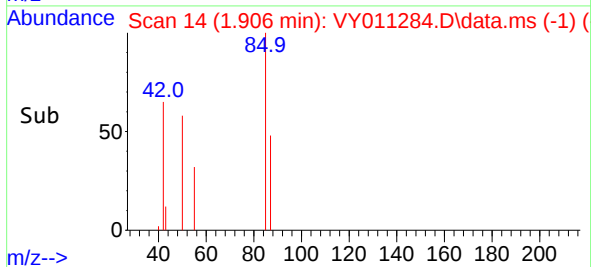
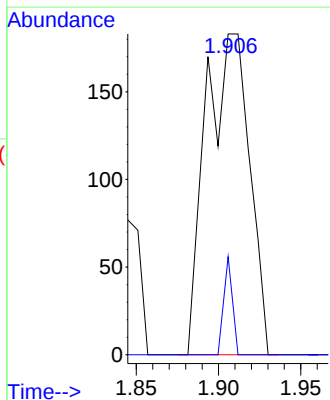
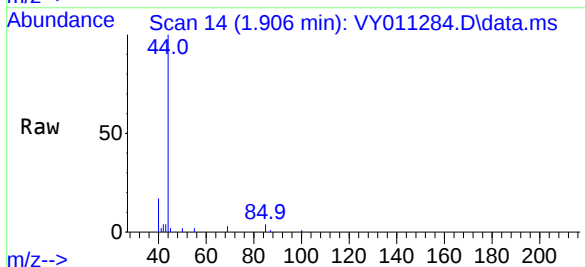
Instrument :
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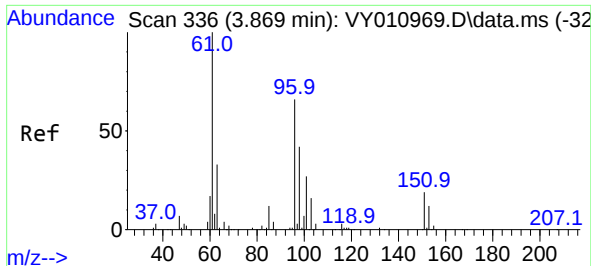
Tgt Ion:168 Resp: 192241
Ion Ratio Lower Upper
168 100
99 56.9 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY011284.D
Acq: 03 Nov 2022 14:09

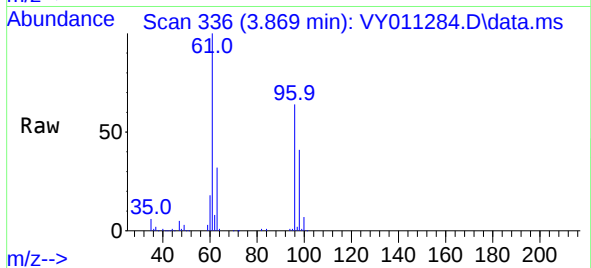
Tgt Ion: 85 Resp: 338
Ion Ratio Lower Upper
85 100
87 30.6 16.1 48.2



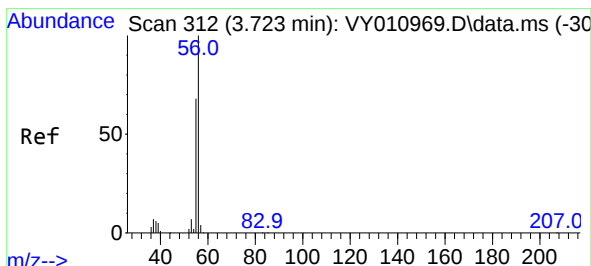
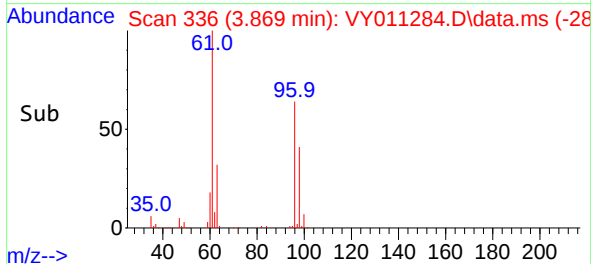
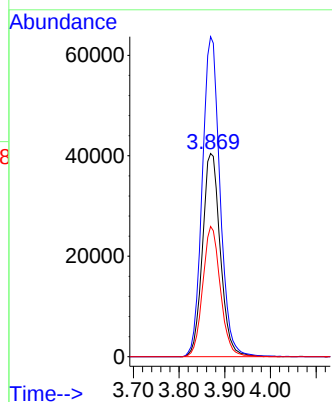


#12
1,1-Dichloroethene
Concen: 52.252 ug/l
RT: 3.869 min Scan# 315
Delta R.T. -0.000 min
Lab File: VY011284.D
Acq: 03 Nov 2022 14:09

Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOILDL

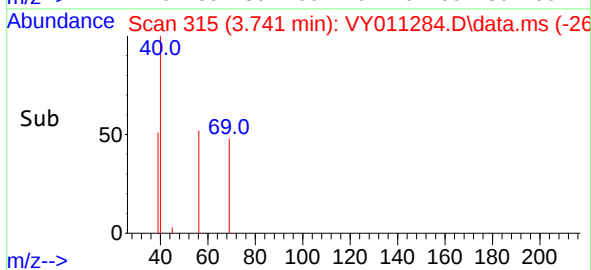
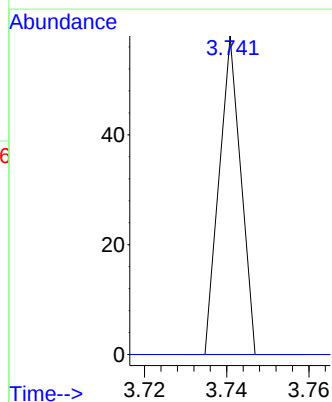
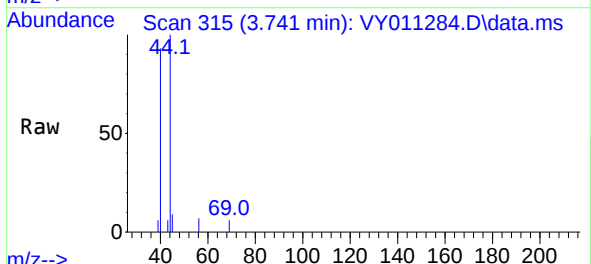


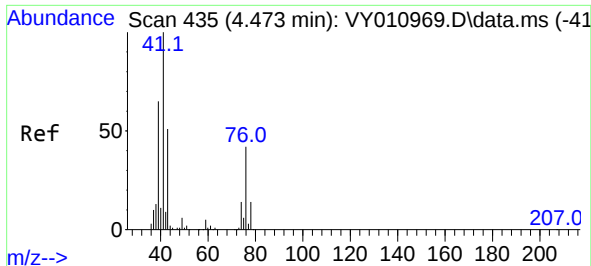
Tgt Ion: 96 Resp: 109265
Ion Ratio Lower Upper
96 100
61 157.5 145.8 218.6
98 64.1 52.5 78.7



#13
Acrolein
Concen: Below Cal
RT: 3.741 min Scan# 315
Delta R.T. 0.018 min
Lab File: VY011284.D
Acq: 03 Nov 2022 14:09

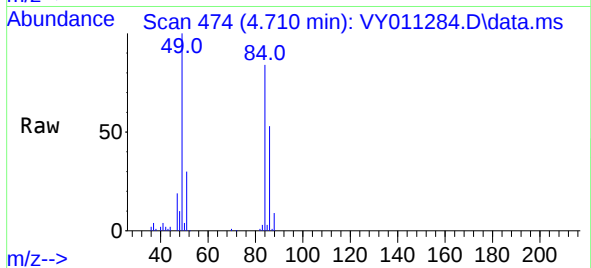
Tgt Ion: 56 Resp: 21
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#



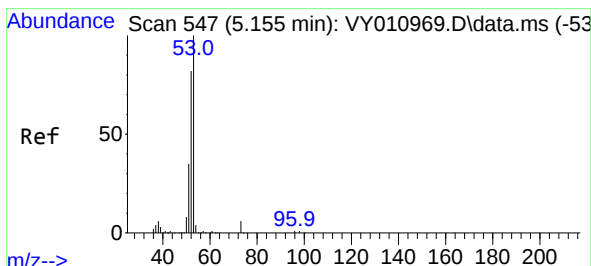
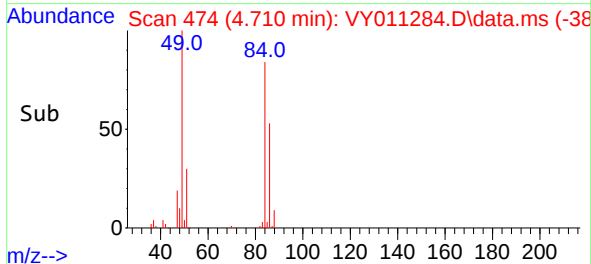
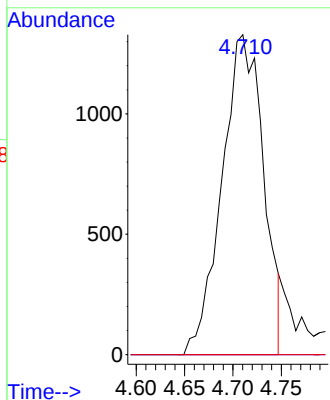


#14
Allyl chloride
Concen: 1.253 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.237 min
Lab File: VY011284.D
Acq: 03 Nov 2022 14:09

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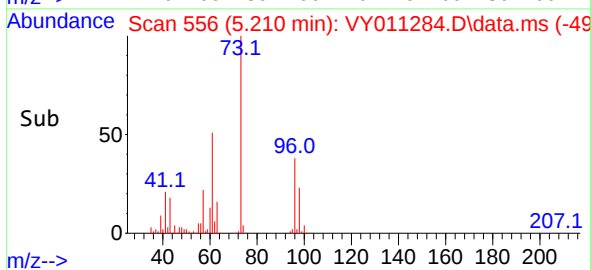
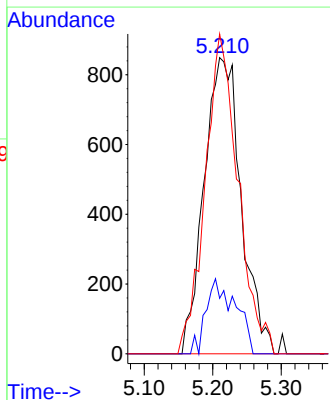
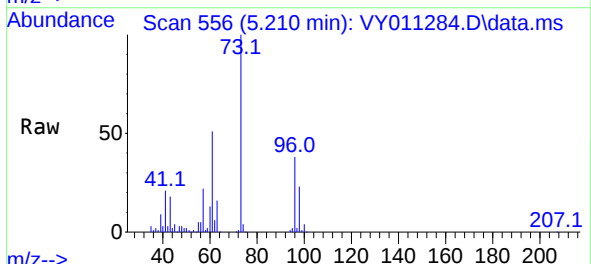


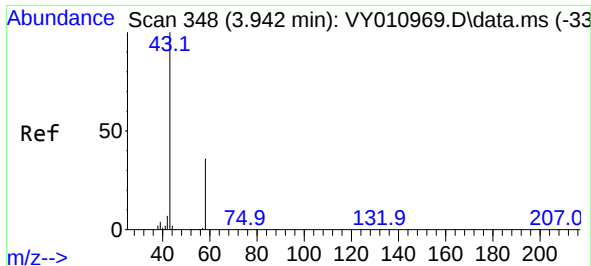
Tgt Ion: 41 Resp: 3968
Ion Ratio Lower Upper
41 100
39 0.0 58.8 88.2#
76 0.0 25.1 37.7#



#15
Acrylonitrile
Concen: 5.033 ug/l
RT: 5.210 min Scan# 556
Delta R.T. 0.055 min
Lab File: VY011284.D
Acq: 03 Nov 2022 14:09

Tgt Ion: 53 Resp: 3188
Ion Ratio Lower Upper
53 100
52 20.1 67.0 100.4#
51 95.8 29.8 44.6#

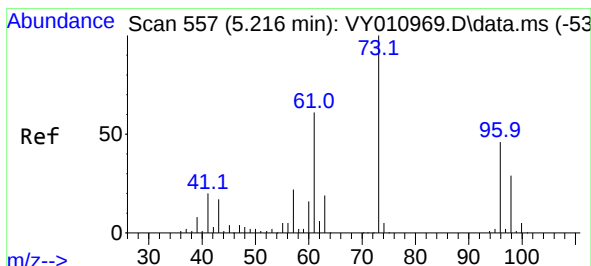
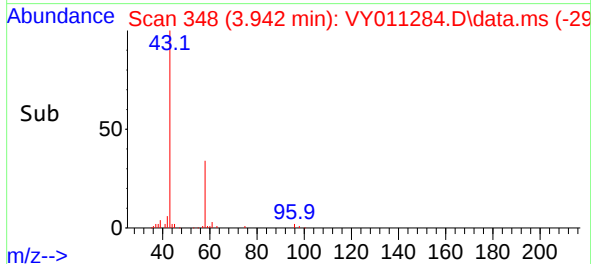
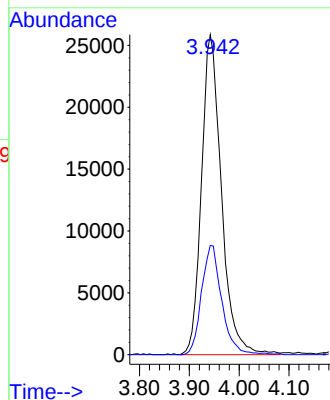
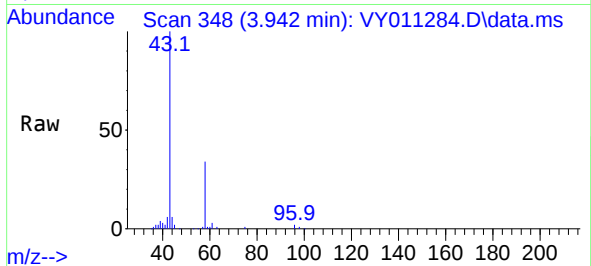




#16
Acetone
Concen: 115.931 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY011284.D
Acq: 03 Nov 2022 14:09

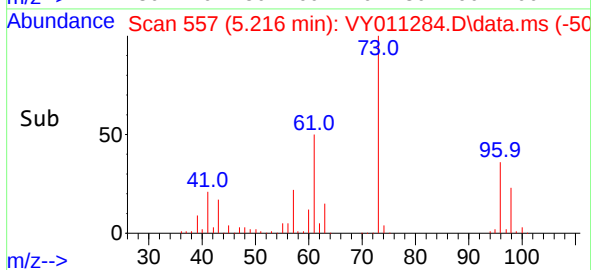
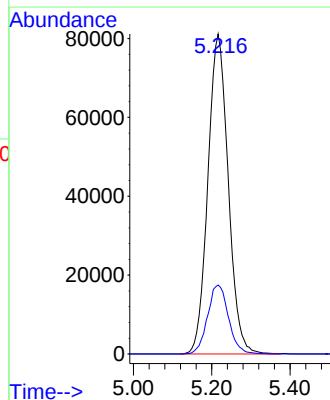
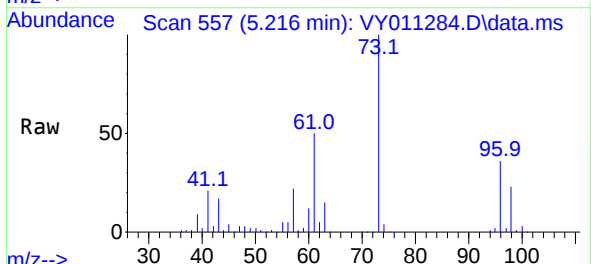
Instrument :
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ClientSampleId :
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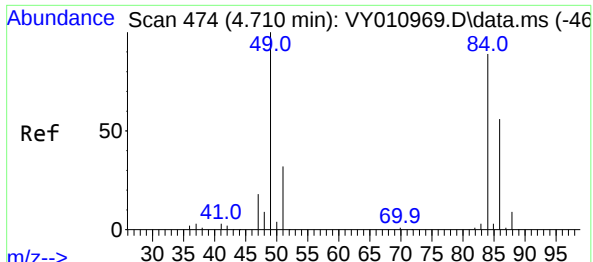
Tgt Ion: 43 Resp: 71951
Ion Ratio Lower Upper
43 100
58 34.2 22.0 33.0#



#19
Methyl tert-butyl Ether
Concen: 52.585 ug/l
RT: 5.216 min Scan# 557
Delta R.T. 0.000 min
Lab File: VY011284.D
Acq: 03 Nov 2022 14:09

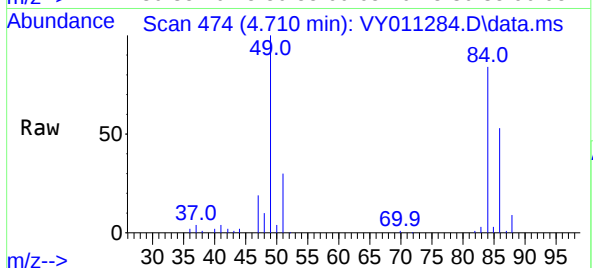
Tgt Ion: 73 Resp: 292205
Ion Ratio Lower Upper
73 100
57 21.5 18.6 27.8





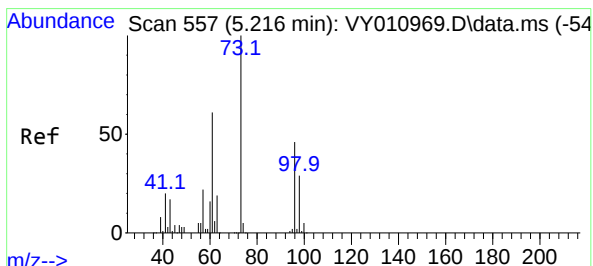
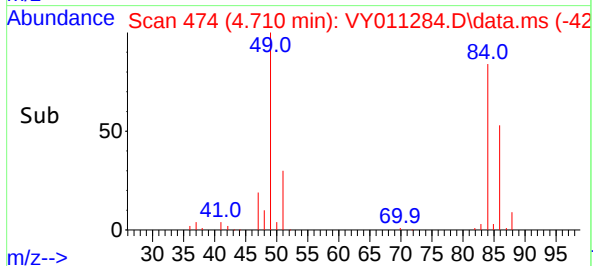
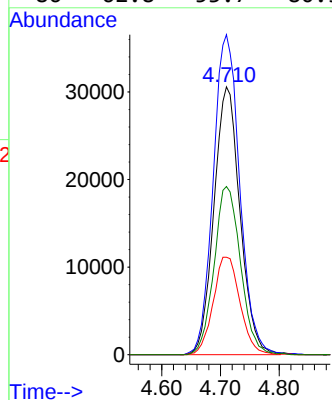
#20
Methylene Chloride
Concen: 35.731 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
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Tgt Ion: 84 Resp: 94335

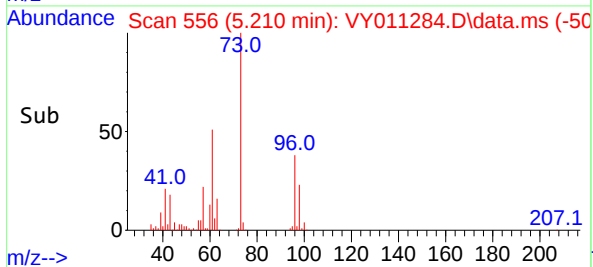
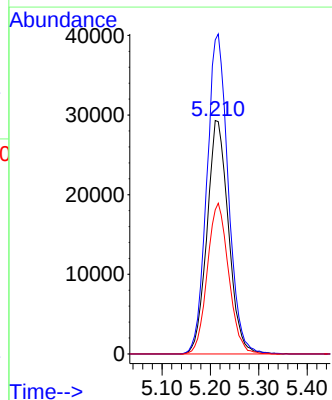
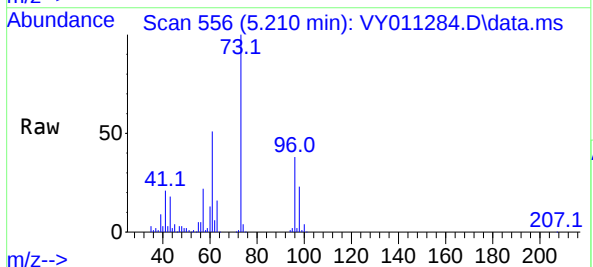
Ion	Ratio	Lower	Upper
84	100		
49	119.5	114.4	171.6
51	36.4	35.3	52.9
86	62.8	53.7	80.5

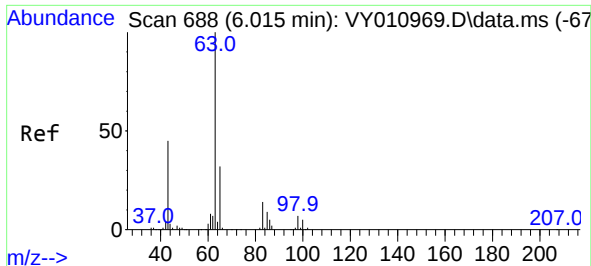


#21
trans-1,2-Dichloroethene
Concen: 37.997 ug/l
RT: 5.210 min Scan# 556
Delta R.T. -0.006 min
Lab File: VY011284.D
Acq: 03 Nov 2022 14:09

Tgt Ion: 96 Resp: 90372

Ion	Ratio	Lower	Upper
96	100		
61	134.5	120.5	180.7
98	61.7	49.8	74.8

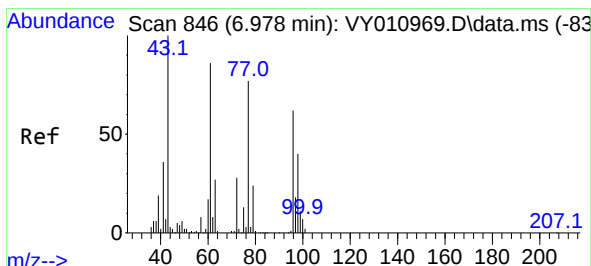
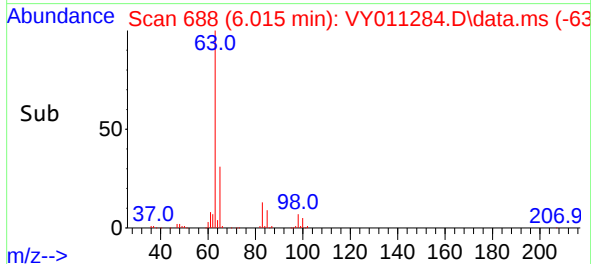
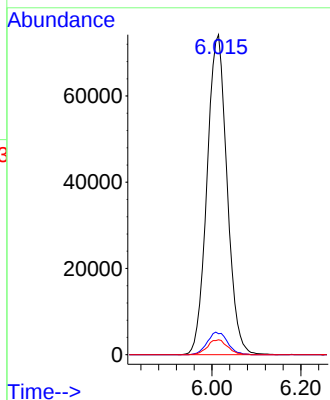
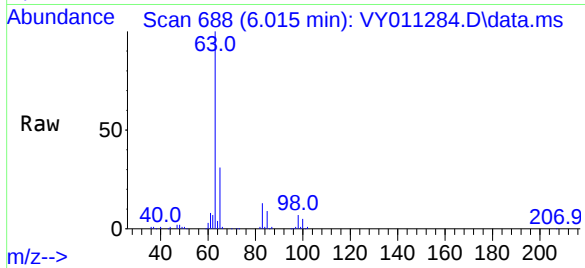




#24
1,1-Dichloroethane
Concen: 56.441 ug/l
RT: 6.015 min Scan# 61
Delta R.T. -0.000 min
Lab File: VY011284.D
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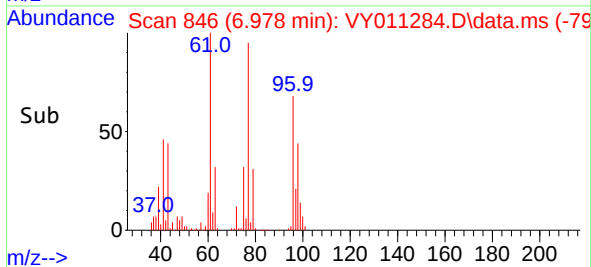
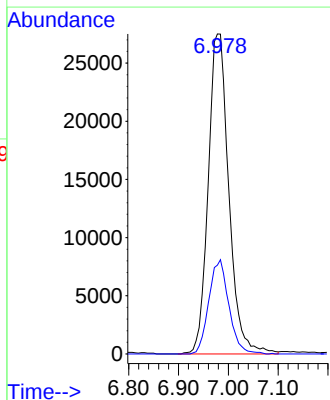
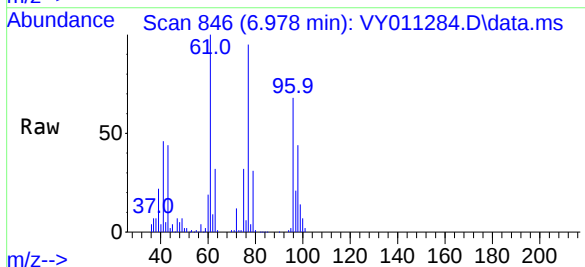
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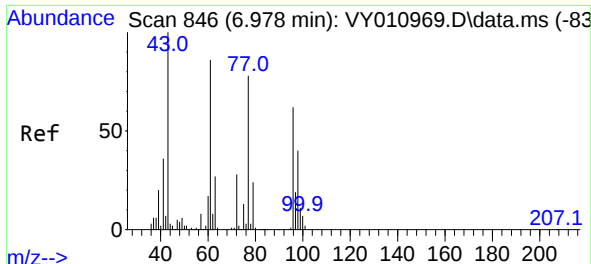
Tgt Ion: 63 Resp: 232124
Ion Ratio Lower Upper
63 100
98 6.6 3.6 10.8
100 4.7 2.0 5.8



#25
2-Butanone
Concen: 90.589 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY011284.D
Acq: 03 Nov 2022 14:09

Tgt Ion: 43 Resp: 79108
Ion Ratio Lower Upper
43 100
72 27.8 17.7 26.5#

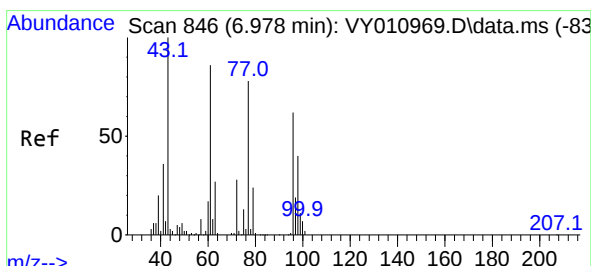
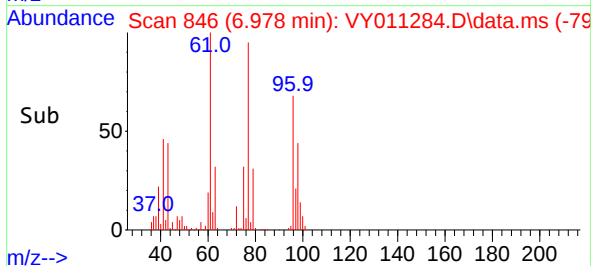
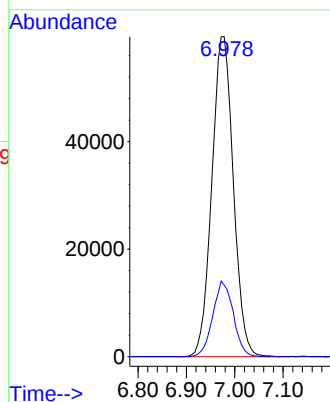
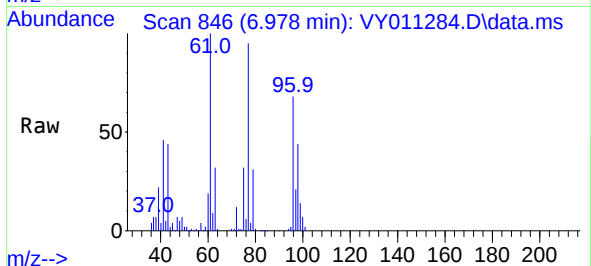




#26
2,2-Dichloropropane
Concen: 48.850 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY011284.D
Acq: 03 Nov 2022 14:09

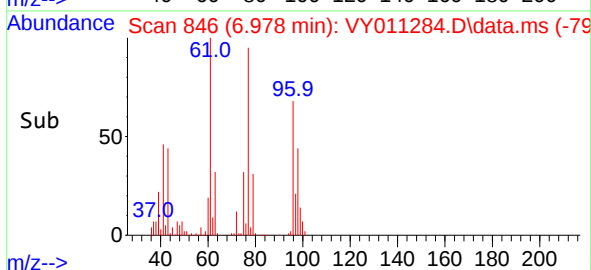
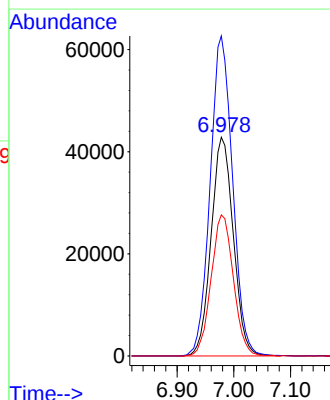
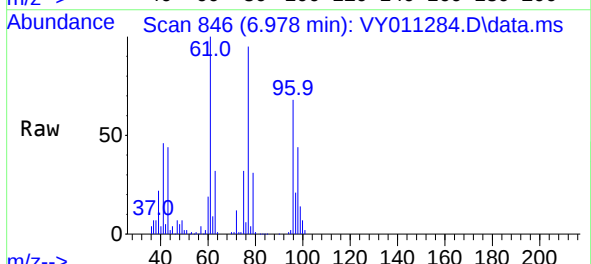
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOILDL

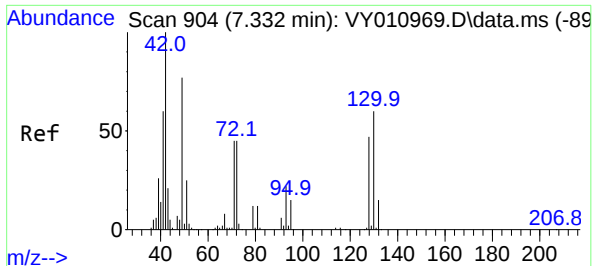
Tgt Ion: 77 Resp: 183705
Ion Ratio Lower Upper
77 100
97 22.5 10.4 31.4



#27
cis-1,2-Dichloroethene
Concen: 44.486 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY011284.D
Acq: 03 Nov 2022 14:09

Tgt Ion: 96 Resp: 116584
Ion Ratio Lower Upper
96 100
61 147.6 0.0 319.8
98 64.7 0.0 127.0

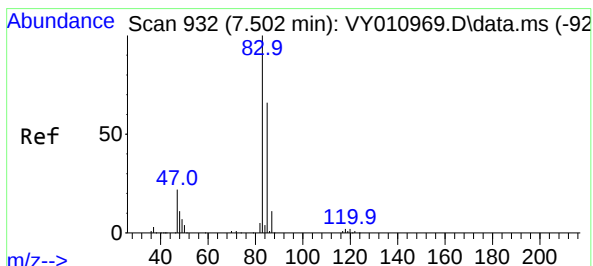
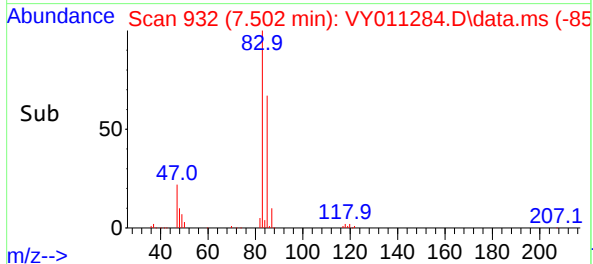
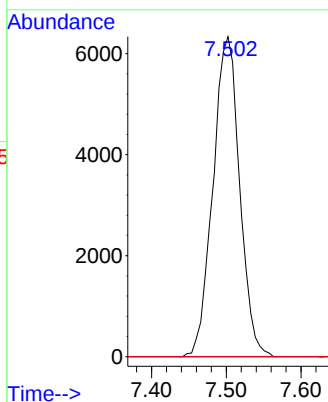
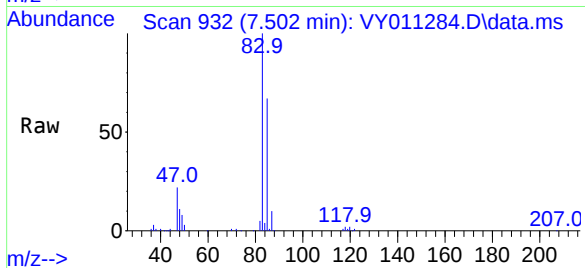




#28
Bromochloromethane
Concen: 9.946 ug/l
RT: 7.502 min Scan# 912
Delta R.T. 0.170 min
Lab File: VY011284.D
Acq: 03 Nov 2022 14:09

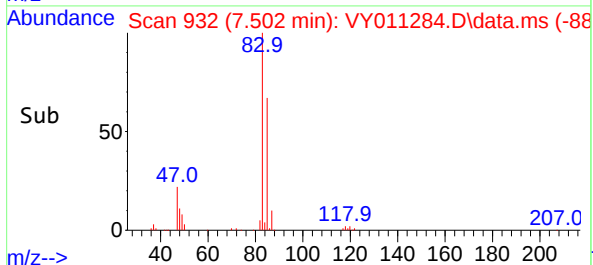
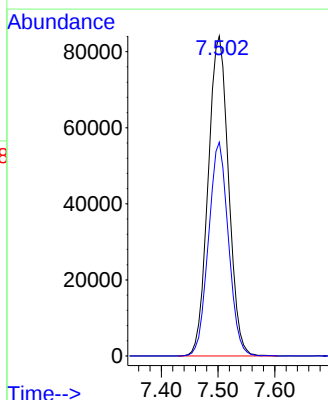
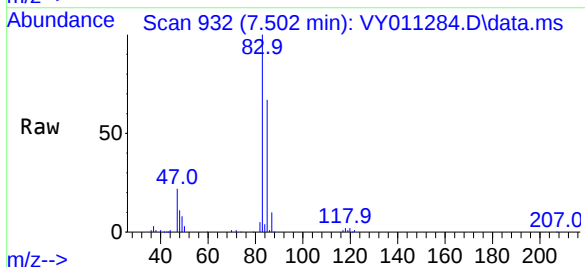
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOILDL

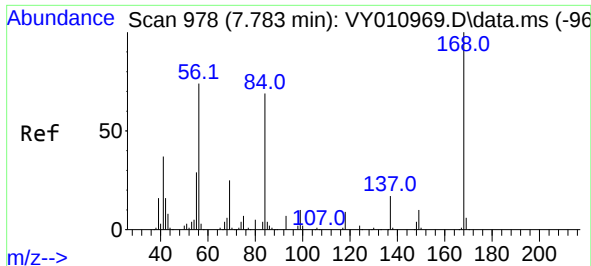
Tgt Ion: 49 Resp: 15712
Ion Ratio Lower Upper
49 100
129 0.0 0.0 2.2
130 0.0 55.4 83.0#



#30
Chloroform
Concen: 50.581 ug/l
RT: 7.502 min Scan# 932
Delta R.T. 0.000 min
Lab File: VY011284.D
Acq: 03 Nov 2022 14:09

Tgt Ion: 83 Resp: 210101
Ion Ratio Lower Upper
83 100
85 66.8 51.8 77.6

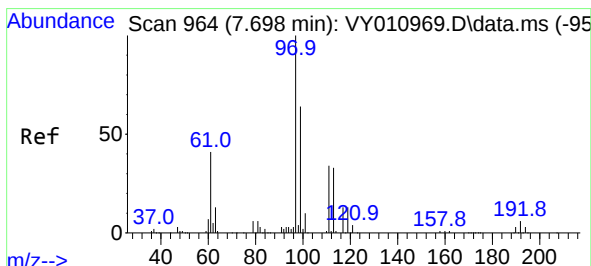
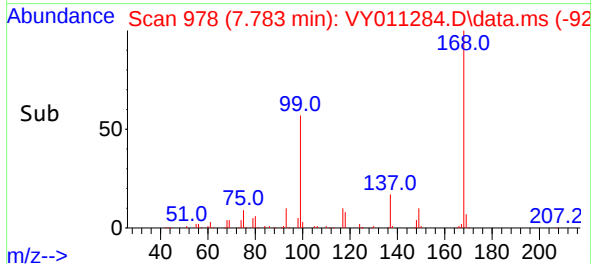
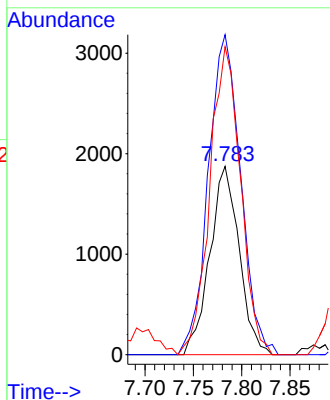
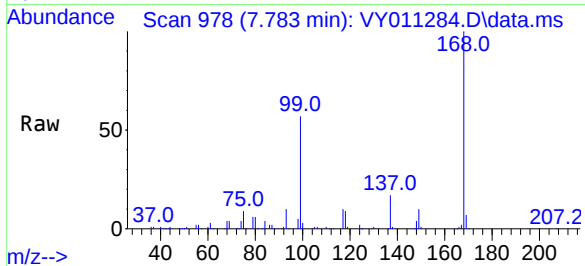




#31
Cyclohexane
Concen: 1.035 ug/l
RT: 7.783 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY011284.D
Acq: 03 Nov 2022 14:09

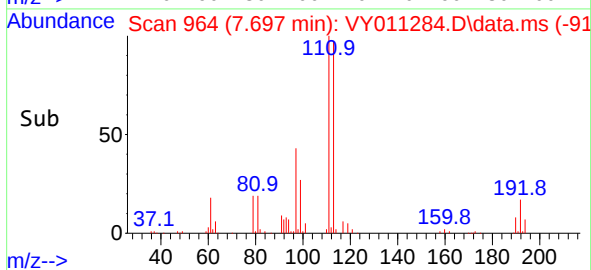
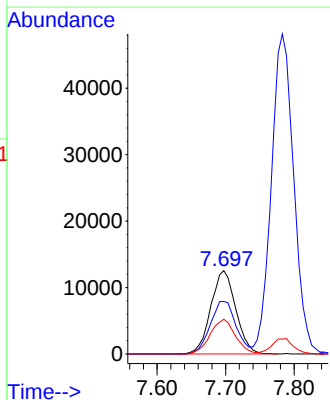
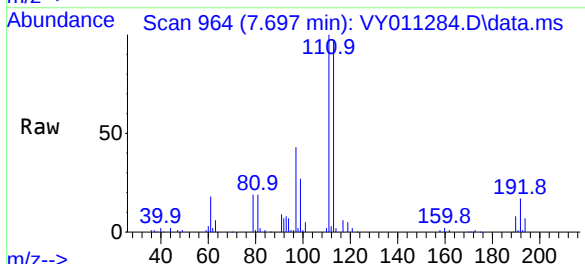
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOILDL

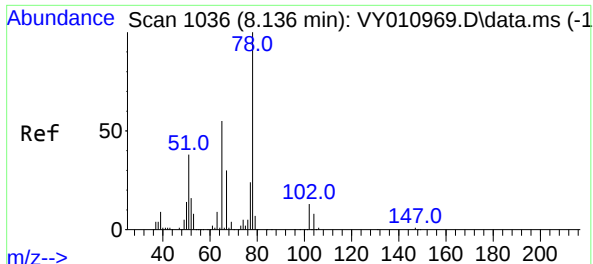
Tgt Ion: 56 Resp: 3944
Ion Ratio Lower Upper
56 100
69 169.9 26.7 40.1#
84 163.6 67.2 100.8#



#32
1,1,1-Trichloroethane
Concen: 8.594 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.001 min
Lab File: VY011284.D
Acq: 03 Nov 2022 14:09

Tgt Ion: 97 Resp: 31661
Ion Ratio Lower Upper
97 100
99 65.0 50.7 76.1
61 42.0 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 50.485 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY011284.D

Acq: 03 Nov 2022 14:09

Instrument :

MSVOA_Y

ClientSampleId :

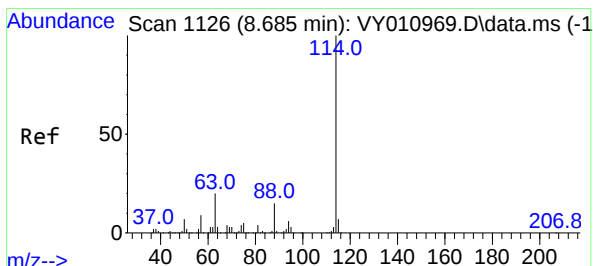
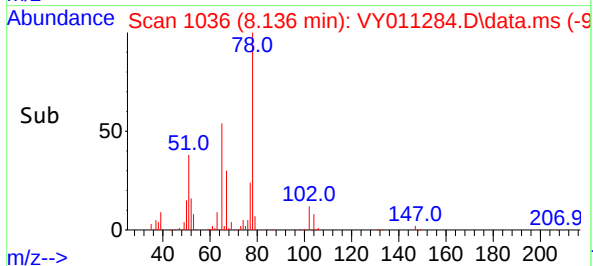
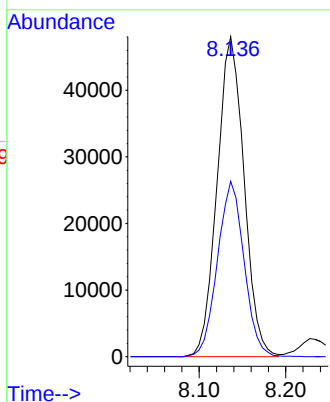
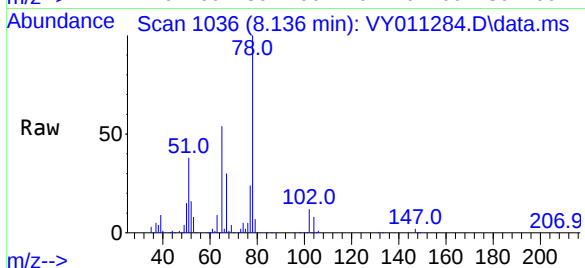
PT-VOA-SOILDL

Tgt Ion: 65 Resp: 103799

Ion Ratio Lower Upper

65 100

67 54.1 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: VY011284.D

Acq: 03 Nov 2022 14:09

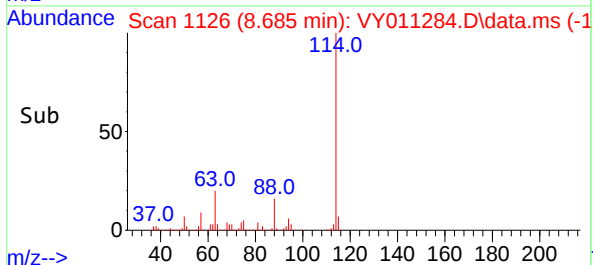
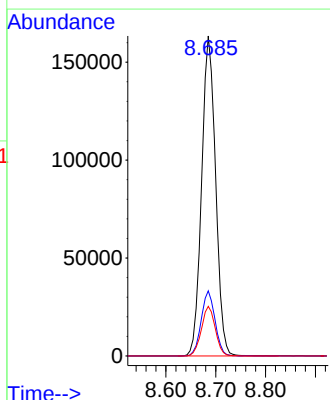
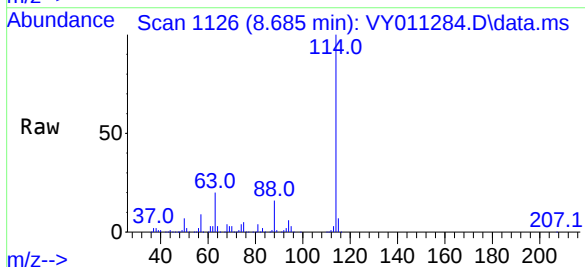
Tgt Ion: 114 Resp: 318265

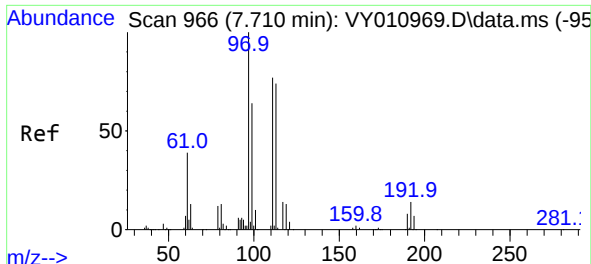
Ion Ratio Lower Upper

114 100

63 20.4 0.0 43.2

88 15.5 0.0 31.8





#35

Dibromofluoromethane

Concen: 49.926 ug/l

RT: 7.716 min Scan# 90

Delta R.T. 0.006 min

Lab File: VY011284.D

Acq: 03 Nov 2022 14:09

Instrument :

MSVOA_Y

ClientSampleId :

PT-VOA-SOILD

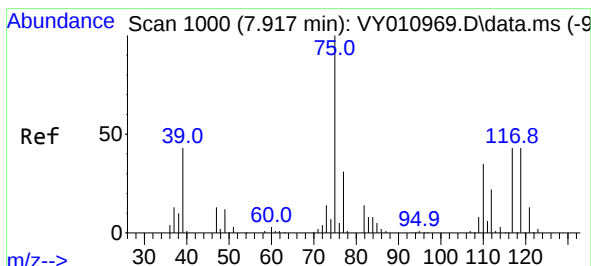
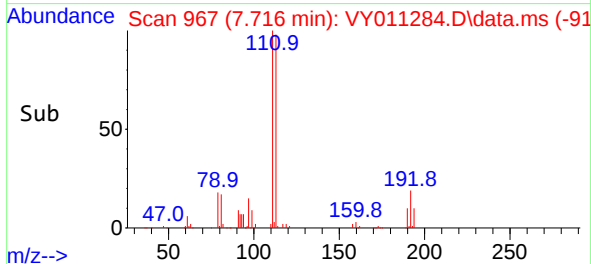
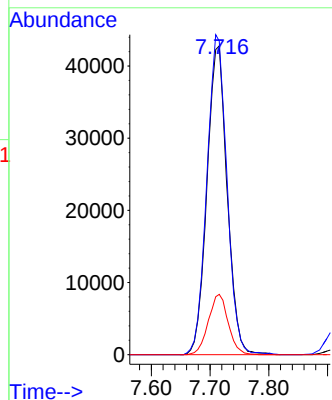
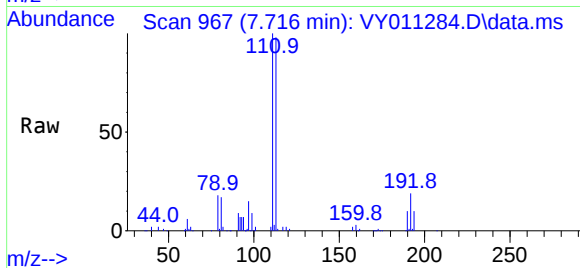
Tgt Ion:113 Resp: 102090

Ion Ratio Lower Upper

113 100

111 103.2 82.6 124.0

192 19.2 17.6 26.4



#36

1,1-Dichloropropene

Concen: 36.053 ug/l

RT: 7.911 min Scan# 999

Delta R.T. -0.006 min

Lab File: VY011284.D

Acq: 03 Nov 2022 14:09

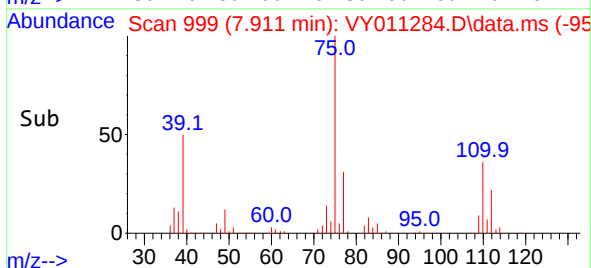
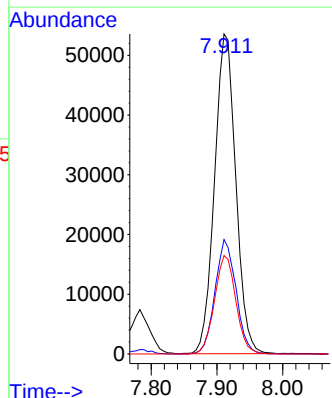
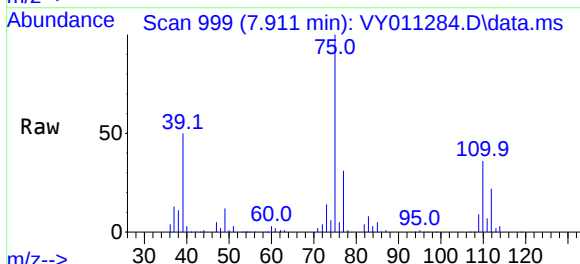
Tgt Ion: 75 Resp: 120392

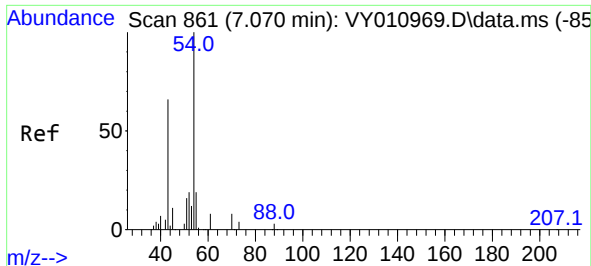
Ion Ratio Lower Upper

75 100

110 35.4 17.1 51.2

77 30.9 24.4 36.6

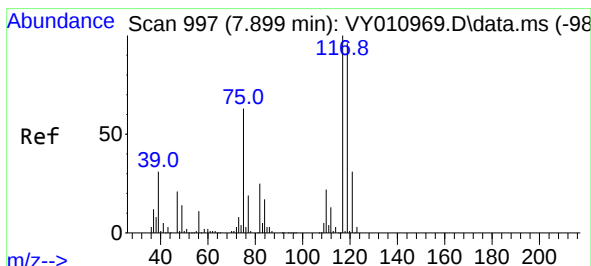
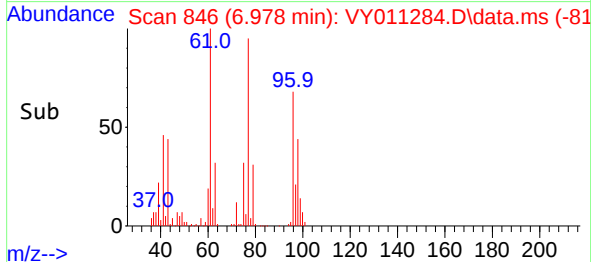
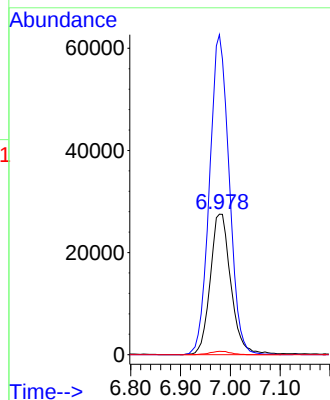
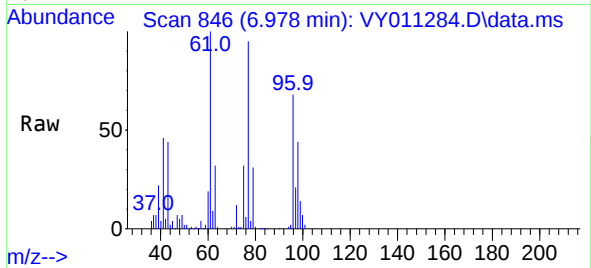




#37
Ethyl Acetate
Concen: 43.945 ug/l
RT: 6.978 min Scan# 84
Delta R.T. -0.092 min
Lab File: VY011284.D
Acq: 03 Nov 2022 14:09

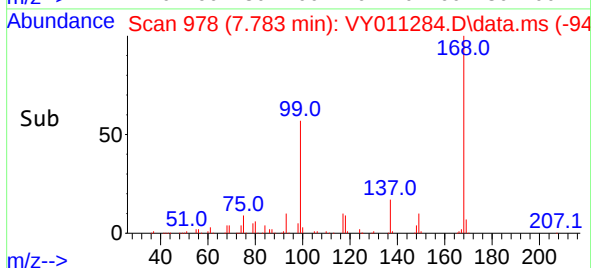
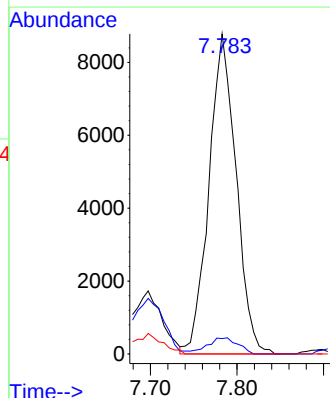
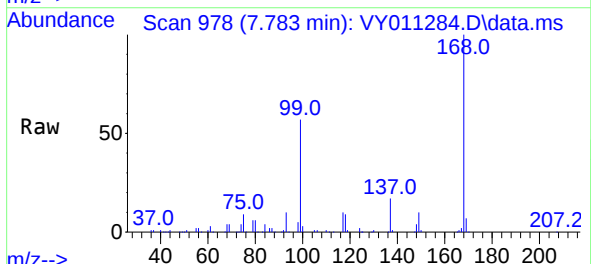
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOILDL

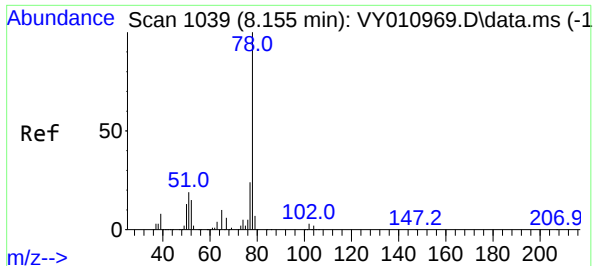
Tgt Ion: 43 Resp: 79108
Ion Ratio Lower Upper
43 100
61 217.5 9.7 14.5#
70 2.4 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 5.518 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY011284.D
Acq: 03 Nov 2022 14:09

Tgt Ion: 117 Resp: 19116
Ion Ratio Lower Upper
117 100
119 4.8 77.9 116.9#
121 0.0 24.8 37.2#

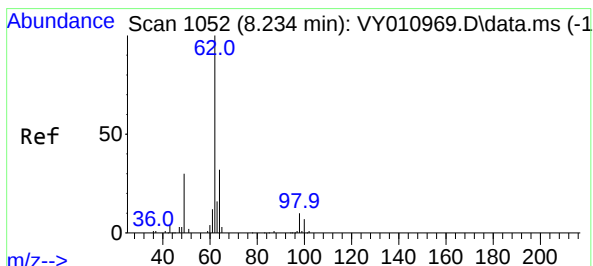
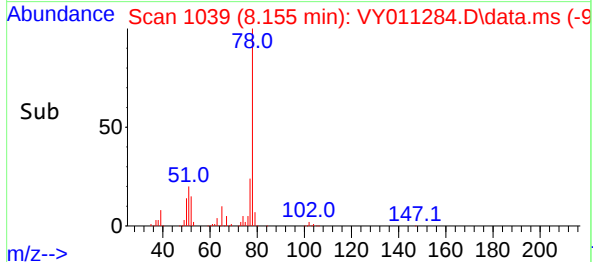
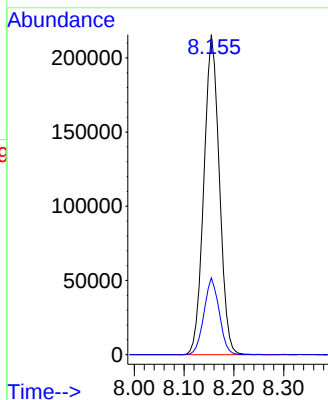
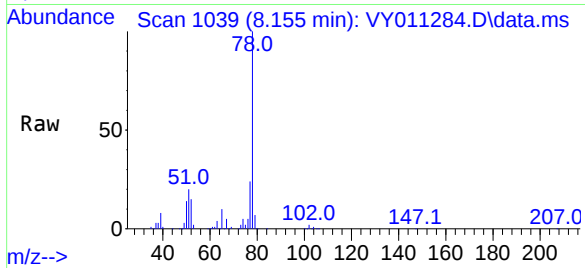




#40
Benzene
Concen: 47.408 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY011284.D
Acq: 03 Nov 2022 14:09

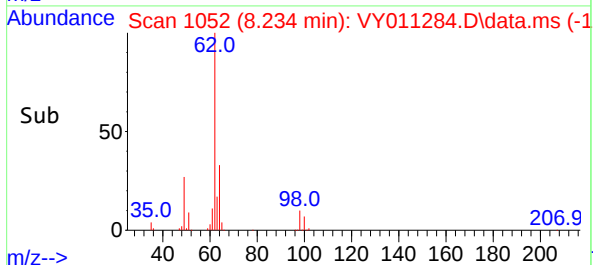
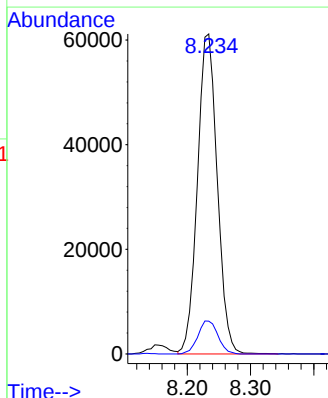
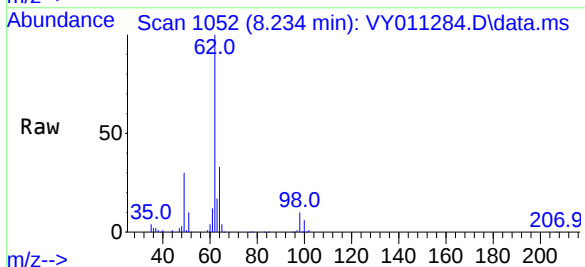
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOILDL

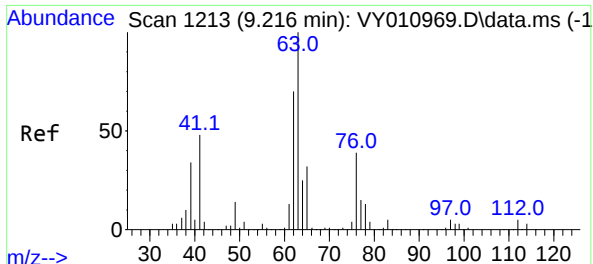
Tgt Ion: 78 Resp: 465279
Ion Ratio Lower Upper
78 100
77 24.0 20.4 30.6



#42
1,2-Dichloroethane
Concen: 50.078 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY011284.D
Acq: 03 Nov 2022 14:09

Tgt Ion: 62 Resp: 133460
Ion Ratio Lower Upper
62 100
98 10.5 0.0 14.8

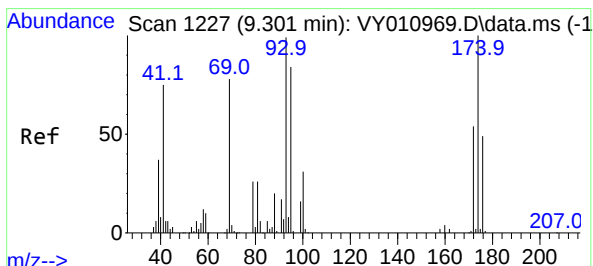
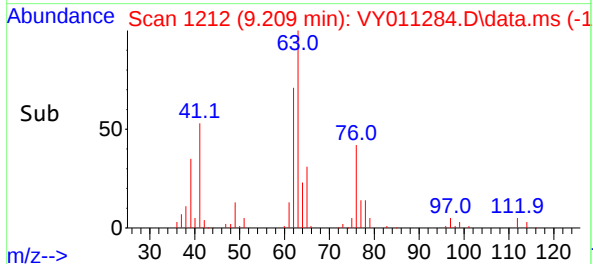
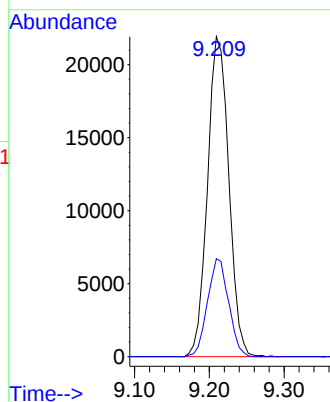
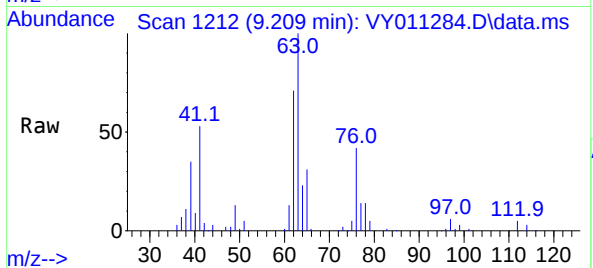




#45
1,2-Dichloropropane
Concen: 17.943 ug/l
RT: 9.209 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY011284.D
Acq: 03 Nov 2022 14:09

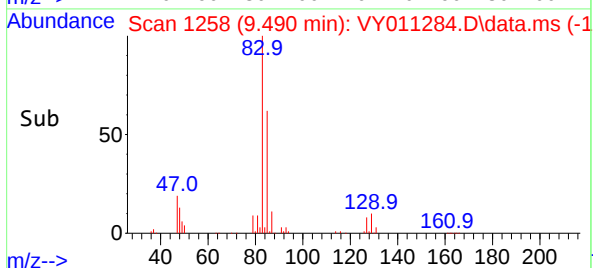
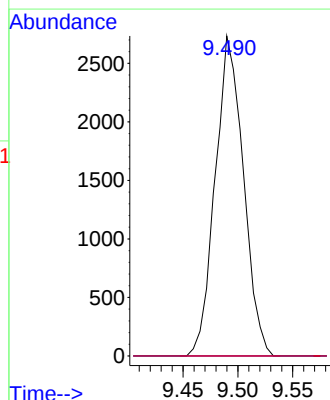
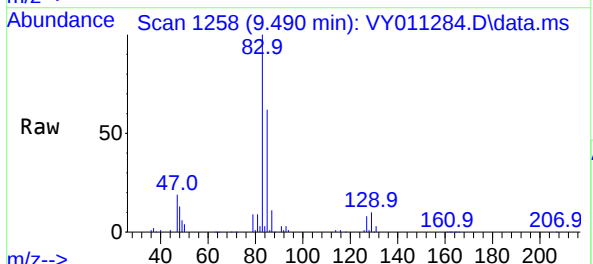
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOILDL

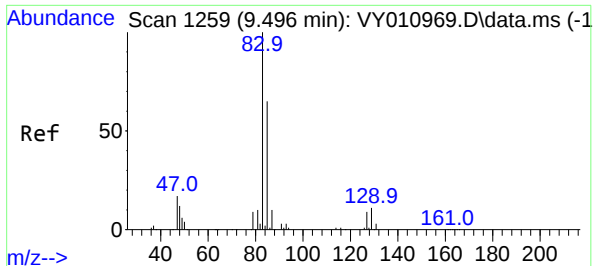
Tgt Ion: 63 Resp: 43535
Ion Ratio Lower Upper
63 100
65 30.6 23.0 34.6



#46
Dibromomethane
Concen: 3.573 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. 0.189 min
Lab File: VY011284.D
Acq: 03 Nov 2022 14:09

Tgt Ion: 93 Resp: 4898
Ion Ratio Lower Upper
93 100
95 0.0 64.3 96.5#
174 0.0 83.4 125.0#





#47

Bromodichloromethane

Concen: 49.015 ug/l

RT: 9.490 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY011284.D

Acq: 03 Nov 2022 14:09

Instrument :

MSVOA_Y

ClientSampleId :

PT-VOA-SOILDL

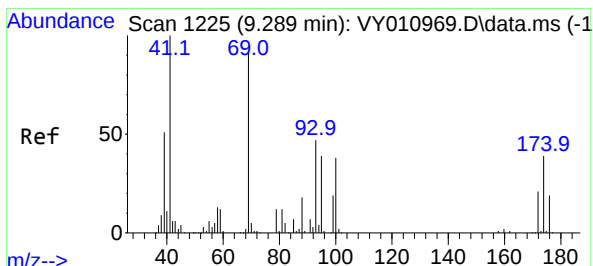
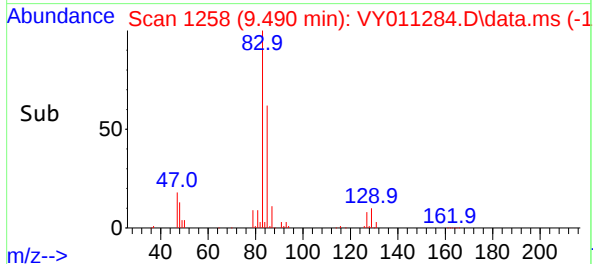
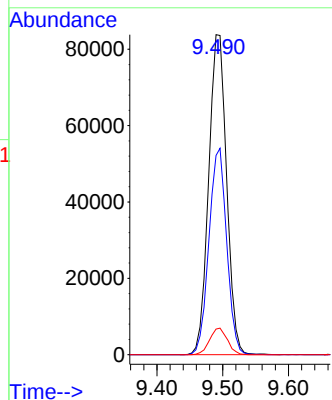
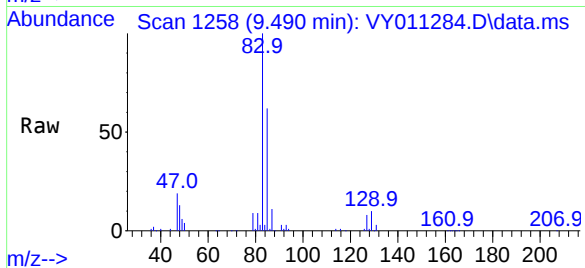
Tgt Ion: 83 Resp: 159290

Ion Ratio Lower Upper

83 100

85 62.3 51.9 77.9

127 8.0 6.6 10.0



#48

Methyl methacrylate

Concen: 15.248 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.080 min

Lab File: VY011284.D

Acq: 03 Nov 2022 14:09

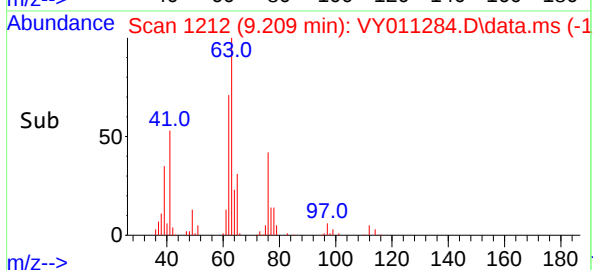
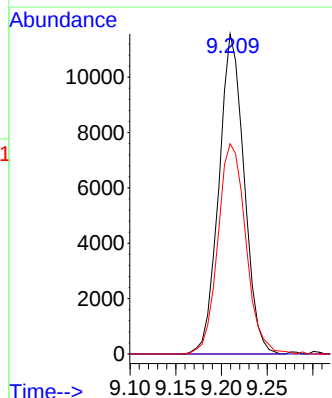
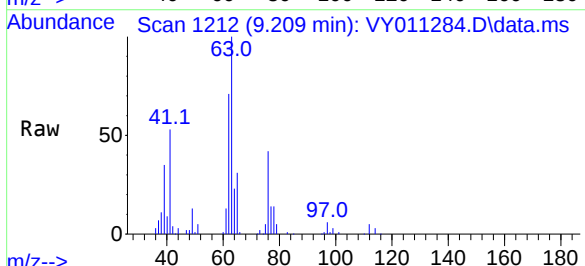
Tgt Ion: 41 Resp: 22213

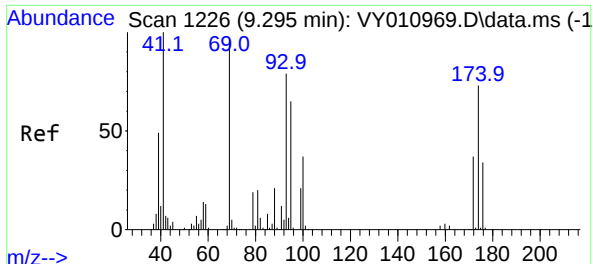
Ion Ratio Lower Upper

41 100

69 0.0 58.2 87.2#

39 72.7 47.4 71.0#

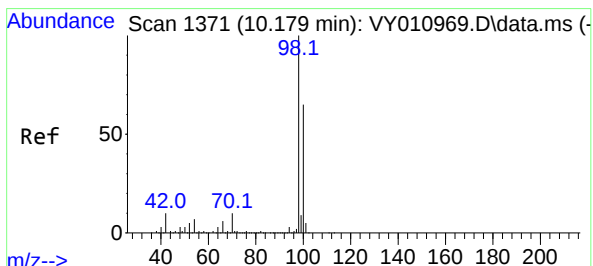
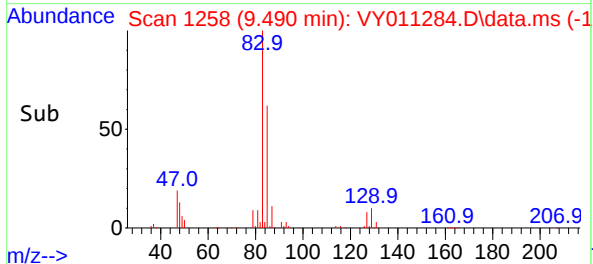
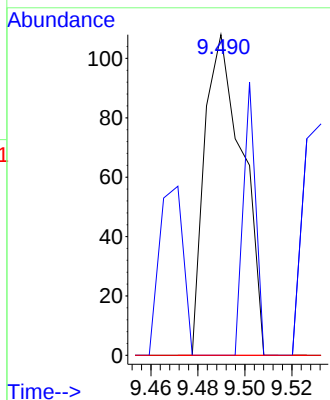
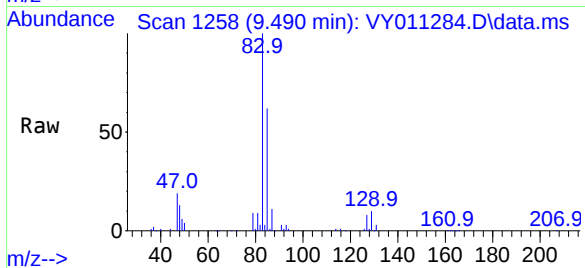




#49
1,4-Dioxane
Concen: 6.507 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. 0.195 min
Lab File: VY011284.D
Acq: 03 Nov 2022 14:09

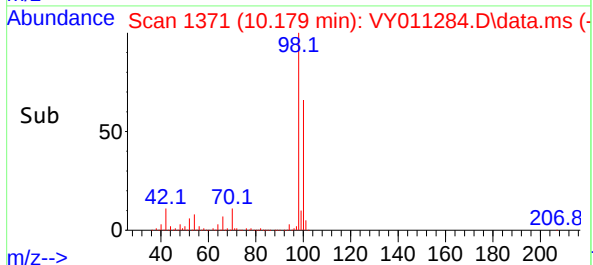
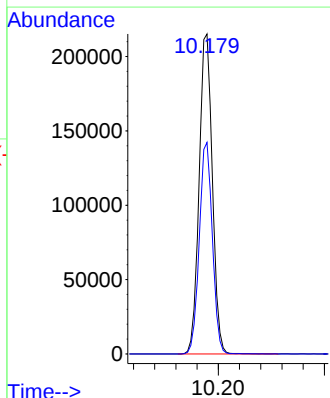
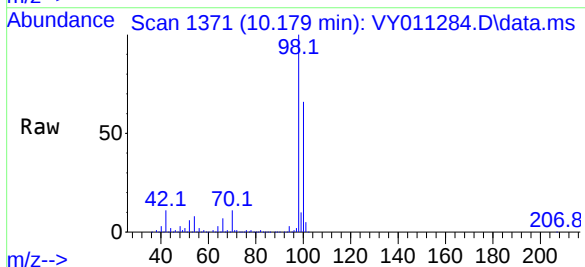
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOILDL

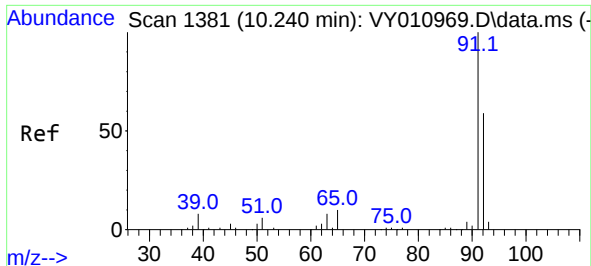
Tgt Ion: 88 Resp: 120
Ion Ratio Lower Upper
88 100
43 28.3 32.8 49.2#
58 0.0 59.8 89.6#



#50
Toluene-d8
Concen: 46.927 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011284.D
Acq: 03 Nov 2022 14:09

Tgt Ion: 98 Resp: 372567
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2

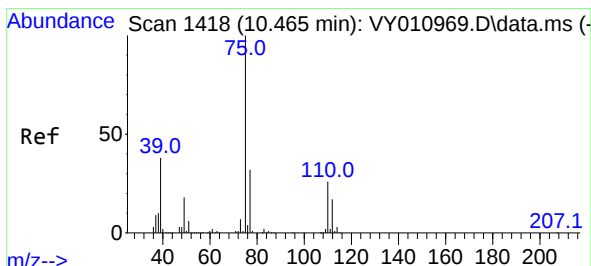
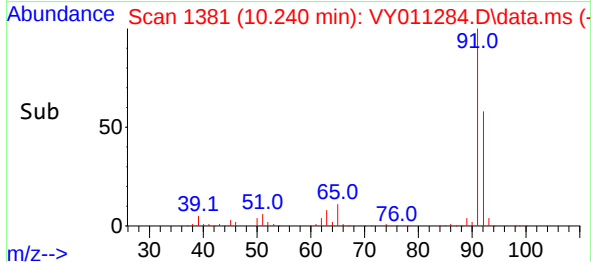
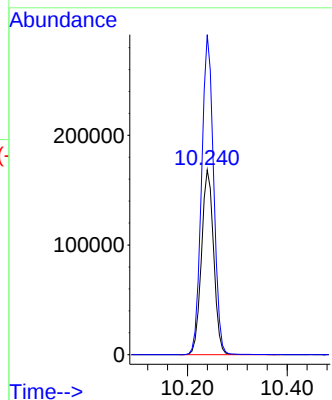
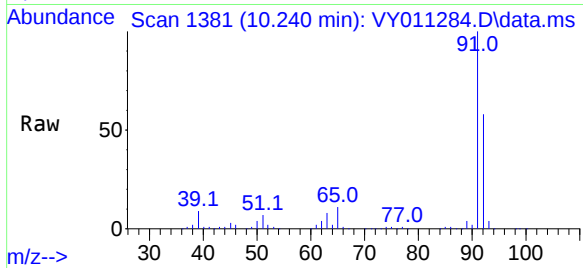




#52
Toluene
Concen: 46.899 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY011284.D
Acq: 03 Nov 2022 14:09

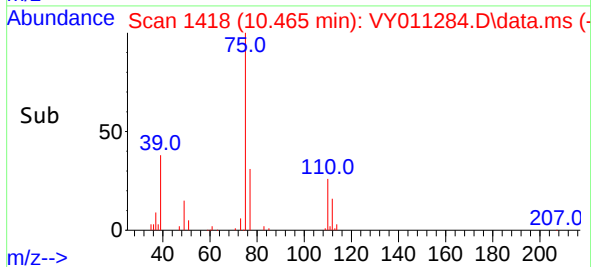
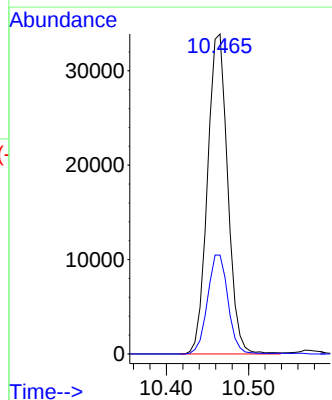
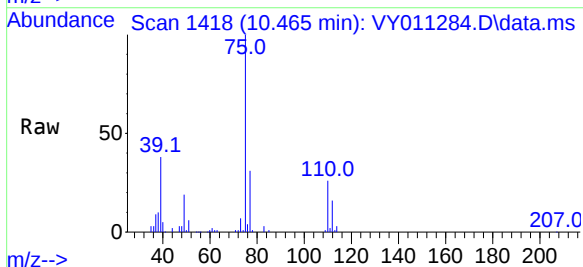
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOILDL

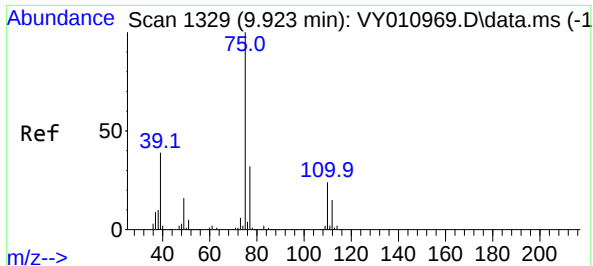
Tgt Ion: 92 Resp: 285400
Ion Ratio Lower Upper
92 100
91 171.4 142.6 213.8



#53
t-1,3-Dichloropropene
Concen: 16.898 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY011284.D
Acq: 03 Nov 2022 14:09

Tgt Ion: 75 Resp: 57834
Ion Ratio Lower Upper
75 100
77 30.9 25.4 38.2

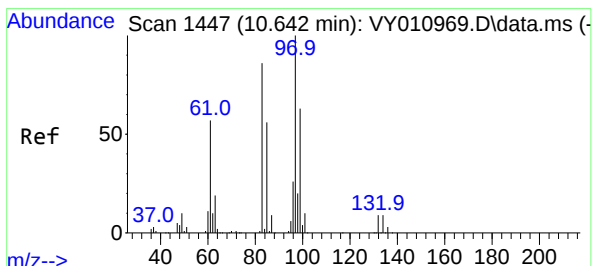
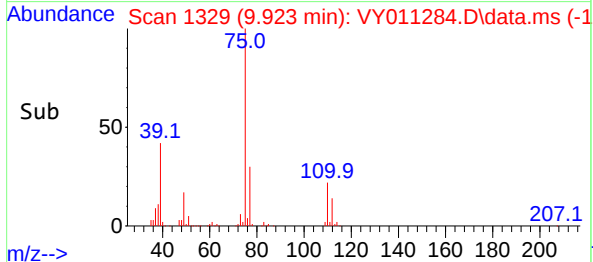
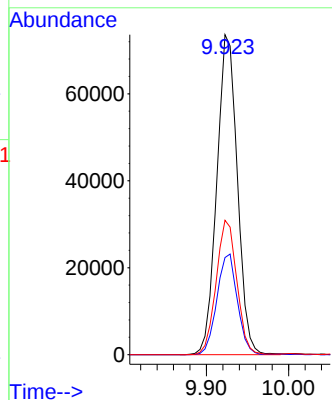
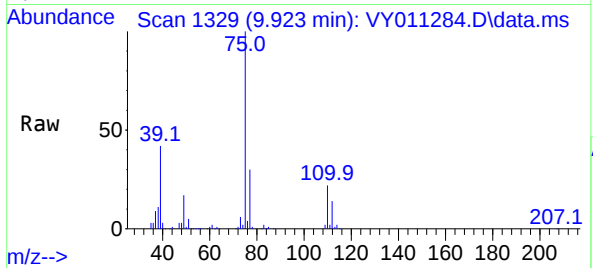




#54
 cis-1,3-Dichloropropene
 Concen: 32.666 ug/l
 RT: 9.923 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VY011284.D
 Acq: 03 Nov 2022 14:09

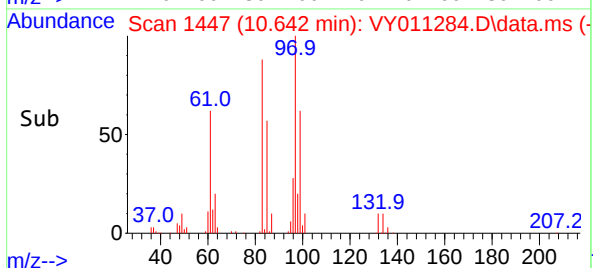
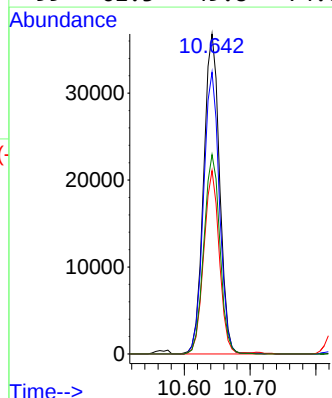
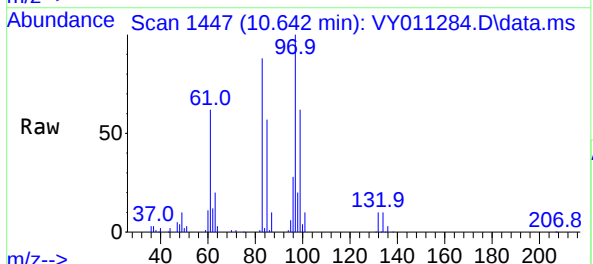
Instrument :
 MSVOA_Y
 ClientSampleId :
 PT-VOA-SOILDL

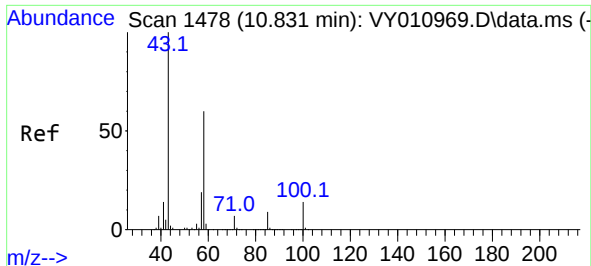
Tgt Ion: 75 Resp: 127928
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.6 38.4
 39 42.0 47.6 71.4#



#55
 1,1,2-Trichloroethane
 Concen: 31.654 ug/l
 RT: 10.642 min Scan# 1447
 Delta R.T. 0.000 min
 Lab File: VY011284.D
 Acq: 03 Nov 2022 14:09

Tgt Ion: 97 Resp: 62193
 Ion Ratio Lower Upper
 97 100
 83 88.0 69.8 104.8
 85 57.3 44.3 66.5
 99 62.3 49.8 74.6

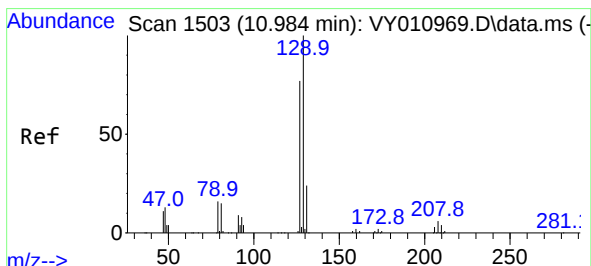
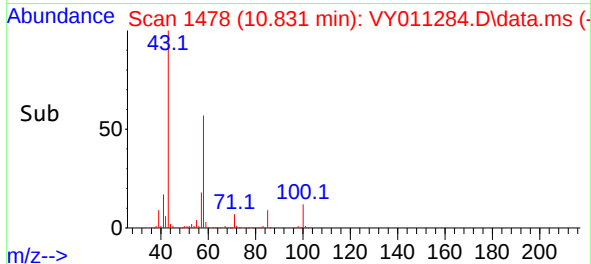
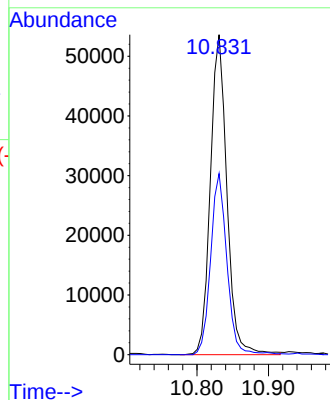
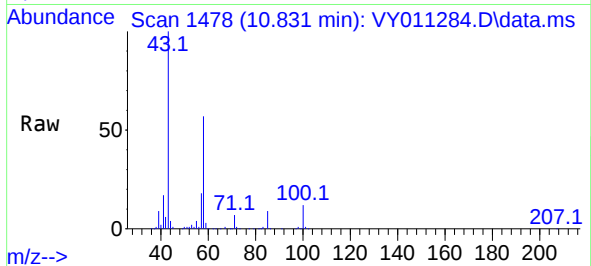




#59
2-Hexanone
Concen: 69.960 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY011284.D
Acq: 03 Nov 2022 14:09

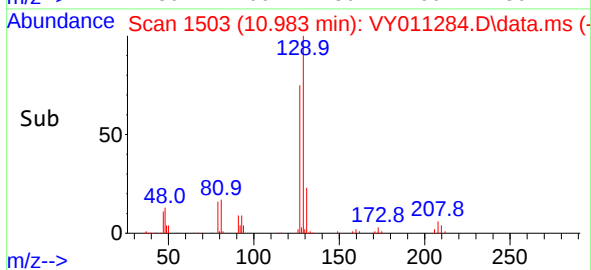
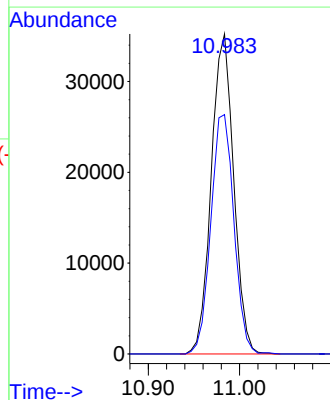
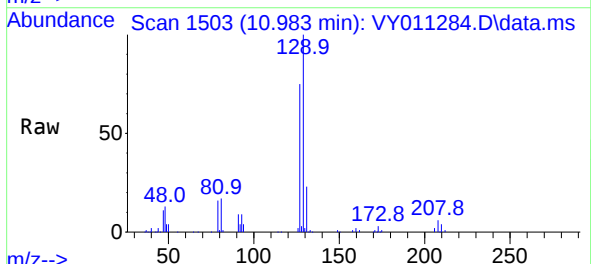
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOILDL

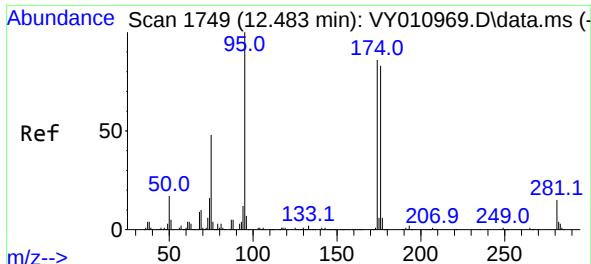
Tgt Ion: 43 Resp: 86132
Ion Ratio Lower Upper
43 100
58 55.7 24.4 73.4



#60
Dibromochloromethane
Concen: 25.695 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.001 min
Lab File: VY011284.D
Acq: 03 Nov 2022 14:09

Tgt Ion: 129 Resp: 59984
Ion Ratio Lower Upper
129 100
127 77.0 38.7 116.1

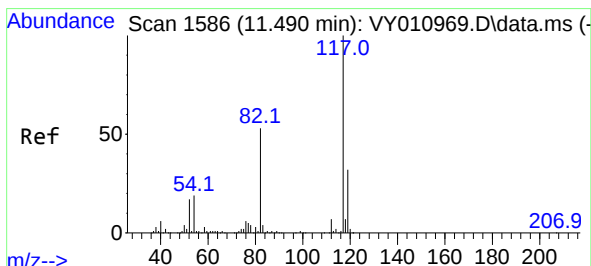
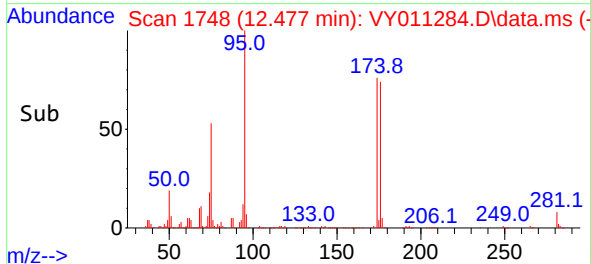
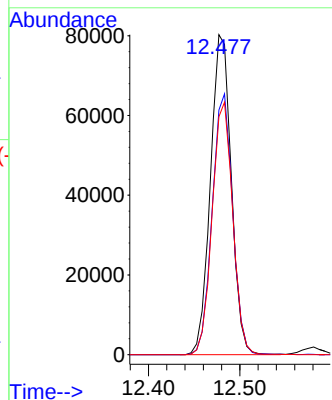
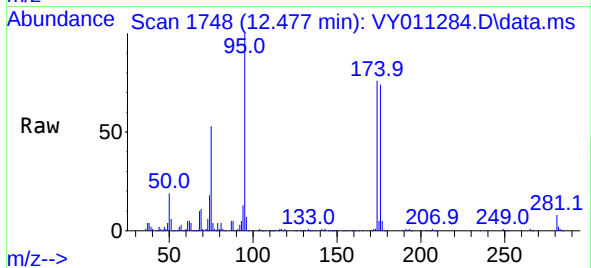




#62
4-Bromofluorobenzene
Concen: 45.989 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011284.D
Acq: 03 Nov 2022 14:09

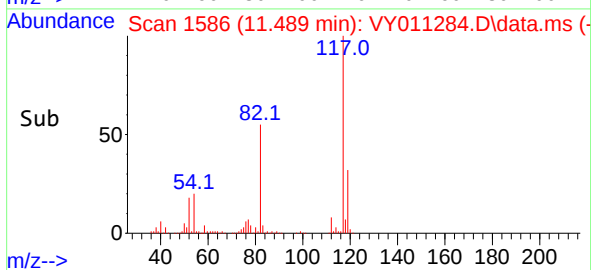
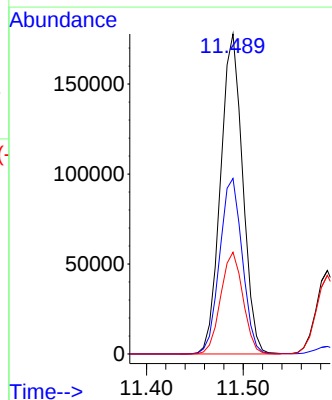
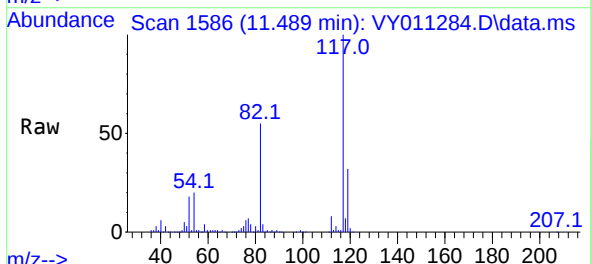
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOILDL

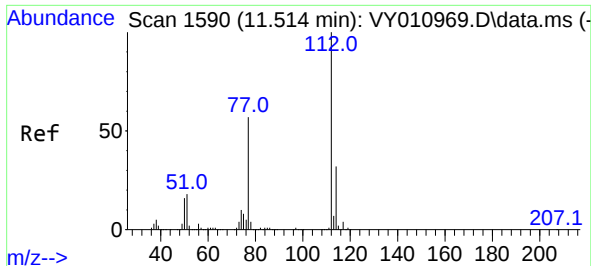
Tgt Ion: 95 Resp: 126755
Ion Ratio Lower Upper
95 100
174 80.0 0.0 177.0
176 78.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011284.D
Acq: 03 Nov 2022 14:09

Tgt Ion: 117 Resp: 282213
Ion Ratio Lower Upper
117 100
82 54.8 43.0 64.4
119 31.8 25.4 38.0

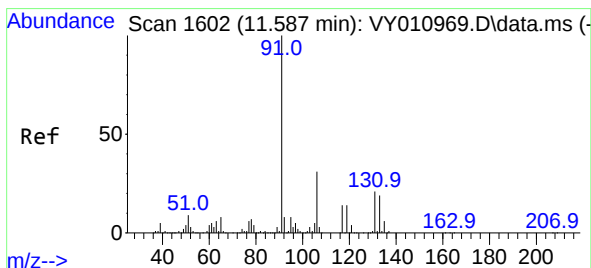
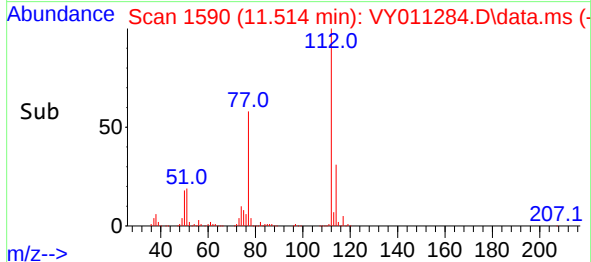
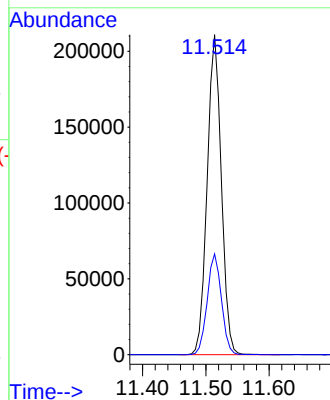
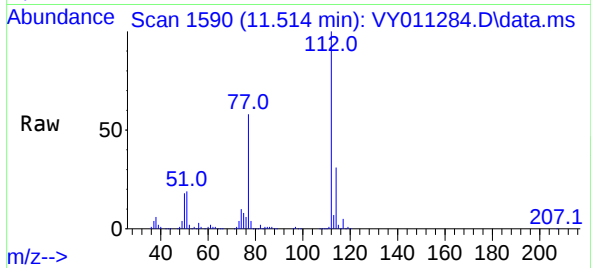




#65
Chlorobenzene
Concen: 52.750 ug/l
RT: 11.514 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY011284.D
Acq: 03 Nov 2022 14:09

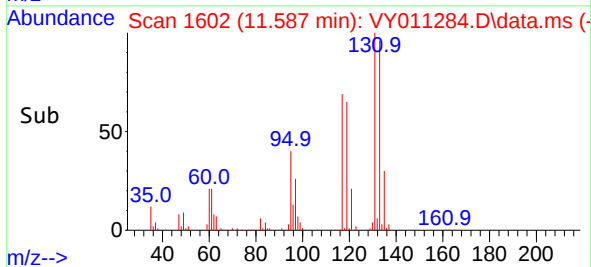
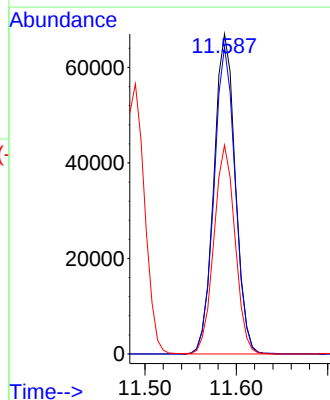
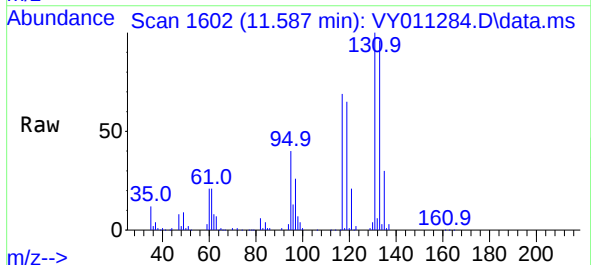
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOILDL

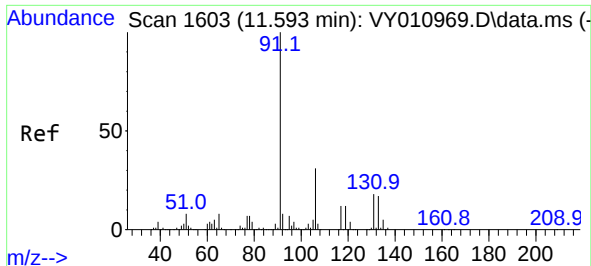
Tgt Ion:112 Resp: 328432
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 47.588 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY011284.D
Acq: 03 Nov 2022 14:09

Tgt Ion:131 Resp: 109098
Ion Ratio Lower Upper
131 100
133 95.0 47.9 143.6
119 64.4 30.8 92.3





#67

Ethyl Benzene

Concen: 28.659 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. 0.104 min

Lab File: VY011284.D

Acq: 03 Nov 2022 14:09

Instrument :

MSVOA_Y

ClientSampleId :

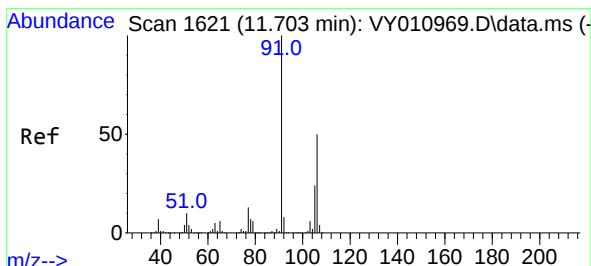
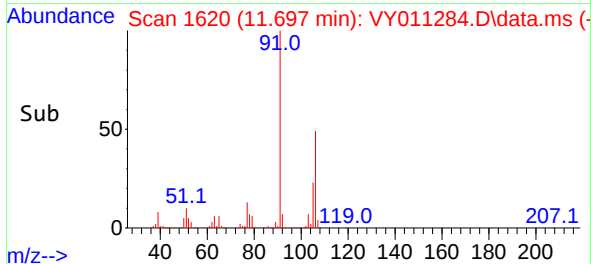
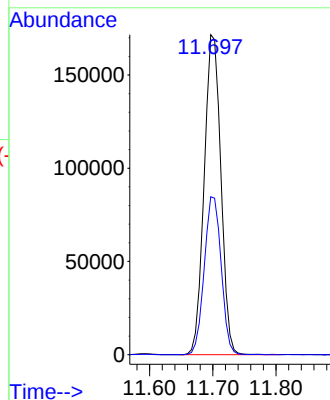
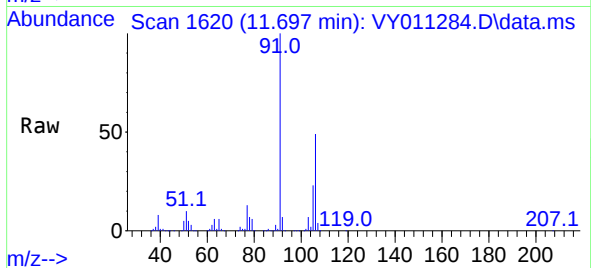
PT-VOA-SOILDL

Tgt Ion: 91 Resp: 316522

Ion Ratio Lower Upper

91 100

106 49.3 24.5 36.7#



#68

m/p-Xylenes

Concen: 36.788 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY011284.D

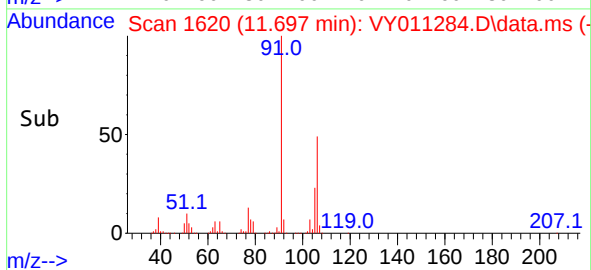
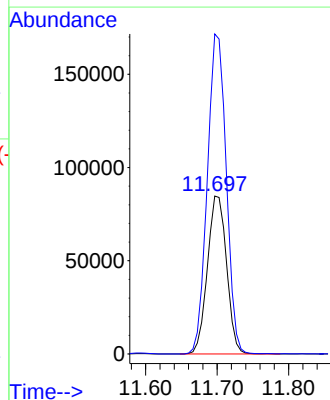
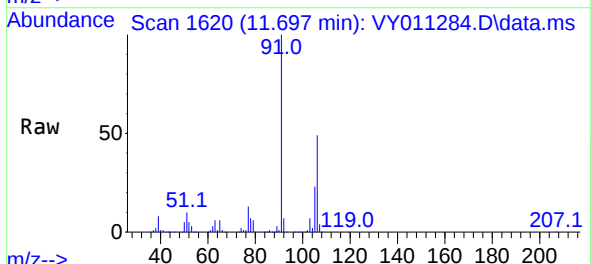
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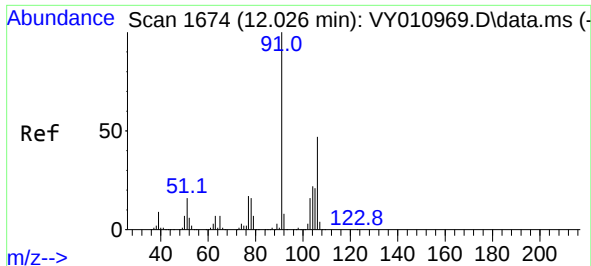
Tgt Ion:106 Resp: 157719

Ion Ratio Lower Upper

106 100

91 200.7 166.6 249.8

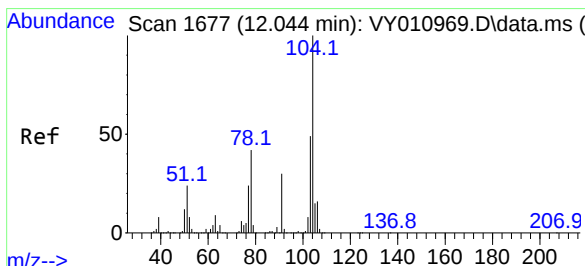
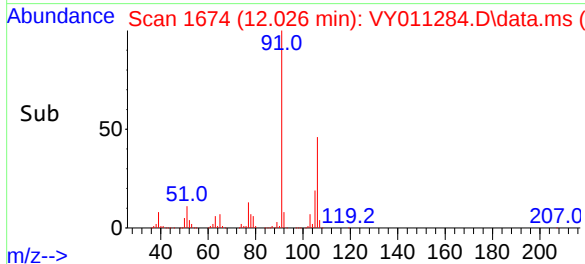
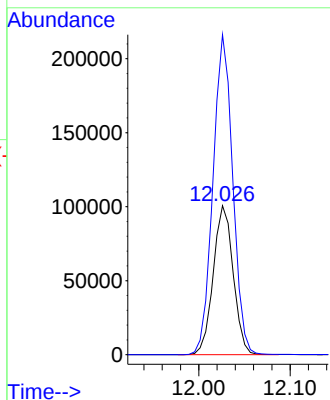
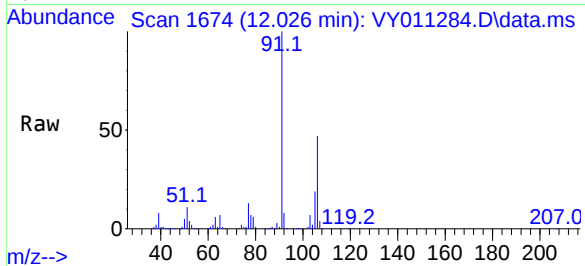




#69
o-Xylene
Concen: 38.002 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY011284.D
Acq: 03 Nov 2022 14:09

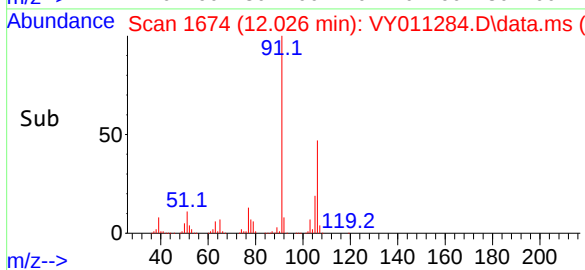
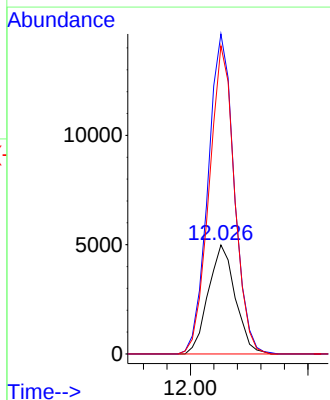
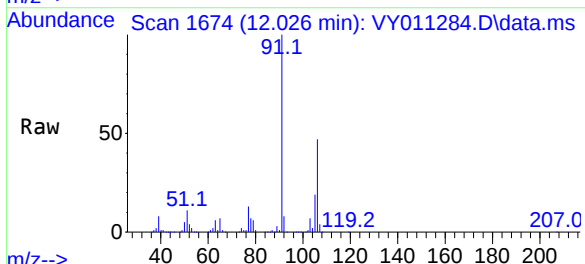
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOILDL

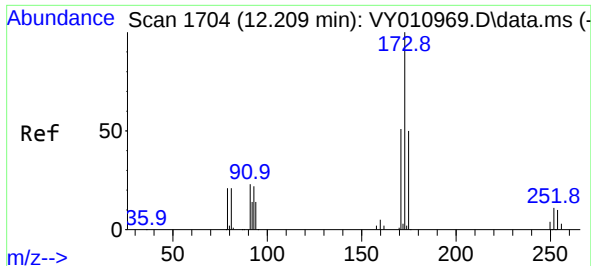
Tgt Ion:106 Resp: 152721
Ion Ratio Lower Upper
106 100
91 213.2 110.3 331.0



#70
Styrene
Concen: 1.166 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.018 min
Lab File: VY011284.D
Acq: 03 Nov 2022 14:09

Tgt Ion:104 Resp: 7942
Ion Ratio Lower Upper
104 100
78 284.6 42.4 63.6#
103 266.3 44.4 66.6#

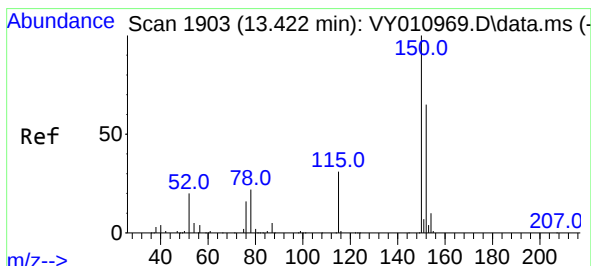
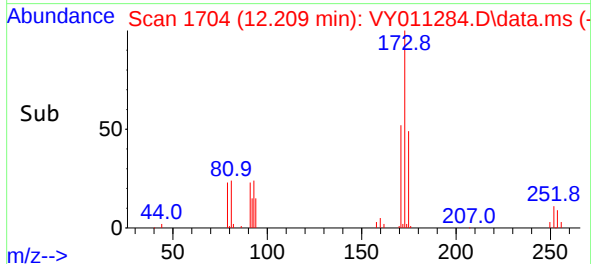
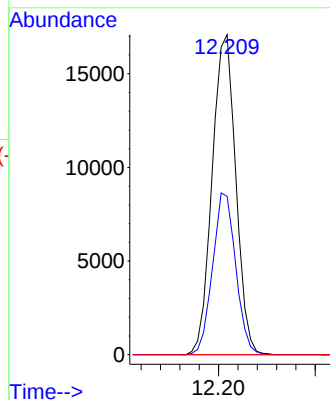
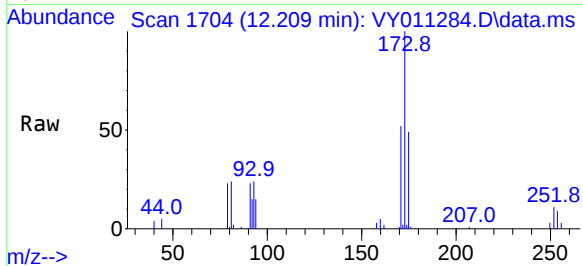




#71
Bromoform
Concen: 20.339 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY011284.D
Acq: 03 Nov 2022 14:09

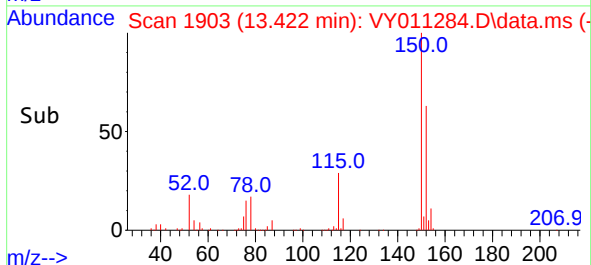
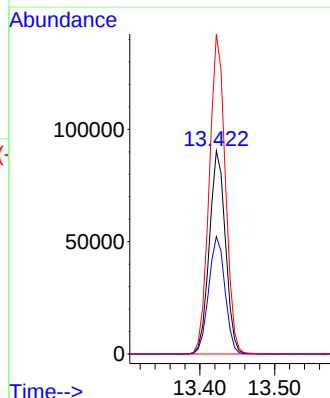
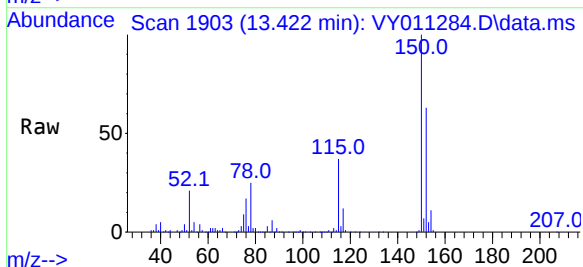
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOILD

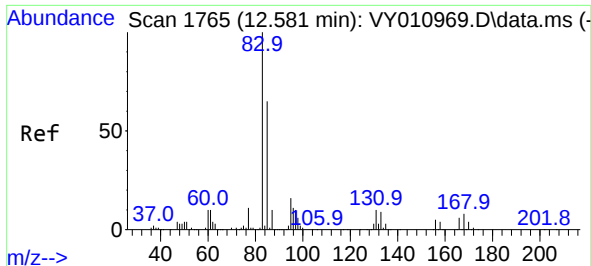
Tgt Ion:173 Resp: 28981
Ion Ratio Lower Upper
173 100
175 49.4 24.6 74.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY011284.D
Acq: 03 Nov 2022 14:09

Tgt Ion:152 Resp: 135050
Ion Ratio Lower Upper
152 100
115 58.5 28.2 84.7
150 157.5 0.0 347.6

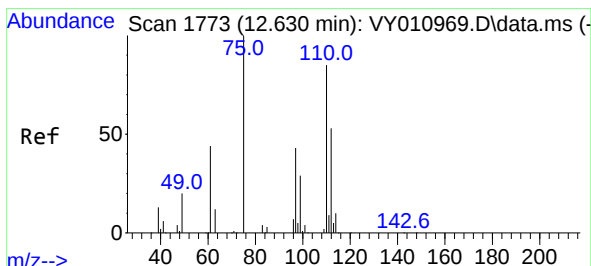
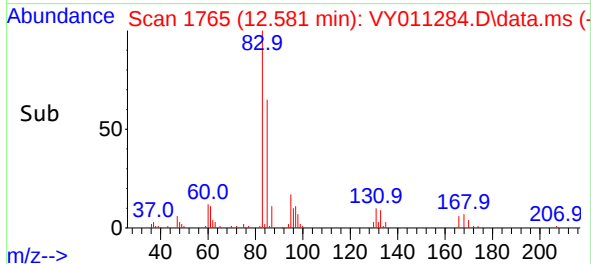
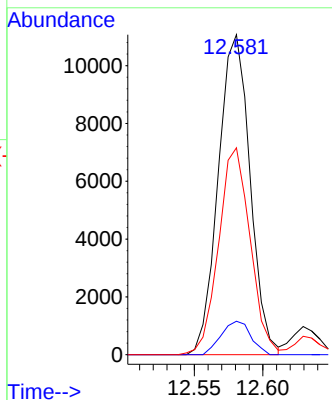
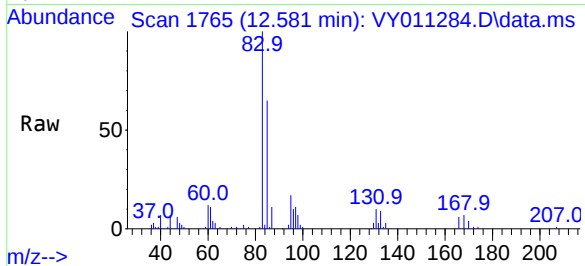




#75
1,1,2,2-Tetrachloroethane
Concen: 8.549 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY011284.D
Acq: 03 Nov 2022 14:09

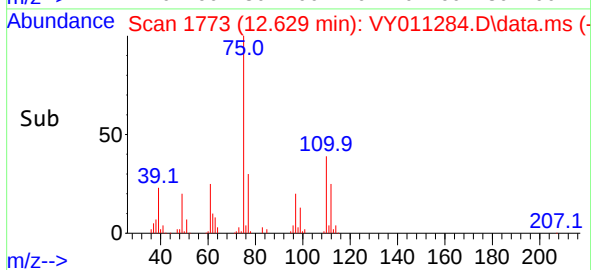
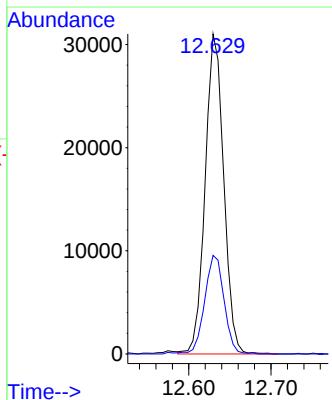
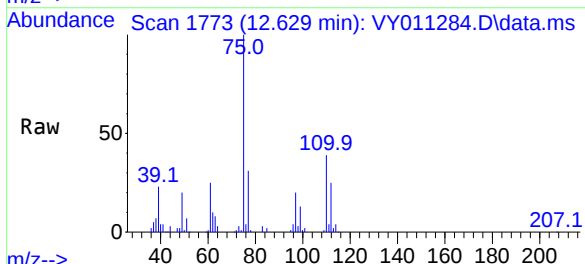
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOILDL

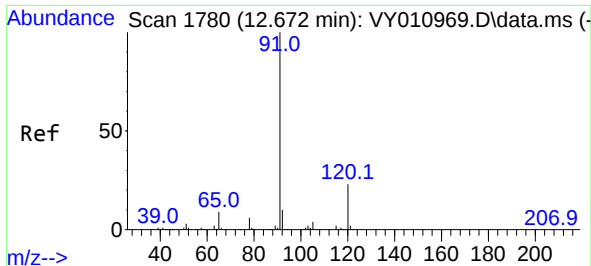
Tgt Ion: 83 Resp: 17863
Ion Ratio Lower Upper
83 100
131 9.8 5.6 16.8
85 64.2 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 29.574 ug/l
RT: 12.629 min Scan# 1773
Delta R.T. -0.001 min
Lab File: VY011284.D
Acq: 03 Nov 2022 14:09

Tgt Ion: 75 Resp: 48624
Ion Ratio Lower Upper
75 100
77 32.4 0.0 0.0#

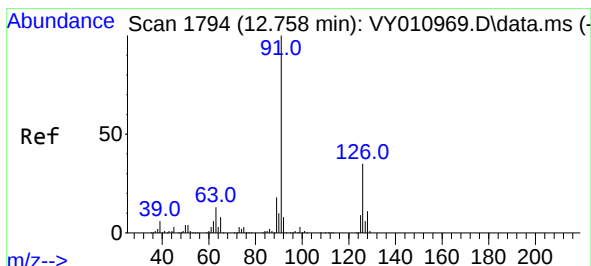
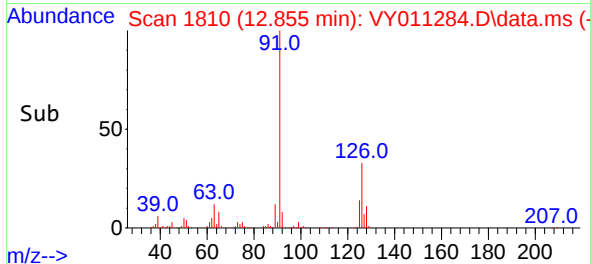
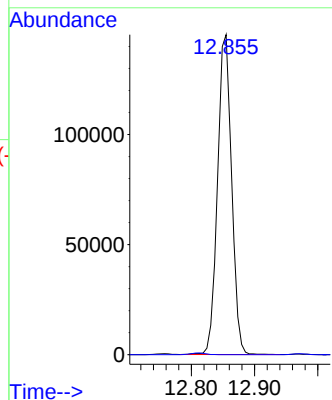
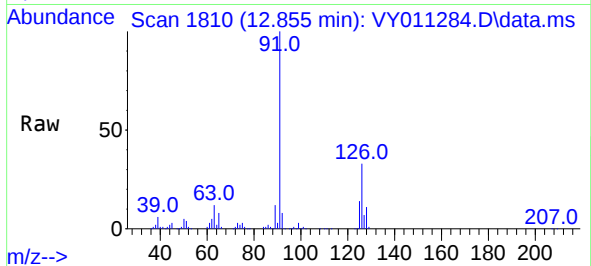




#78
n-propylbenzene
Concen: 18.085 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.183 min
Lab File: VY011284.D
Acq: 03 Nov 2022 14:09

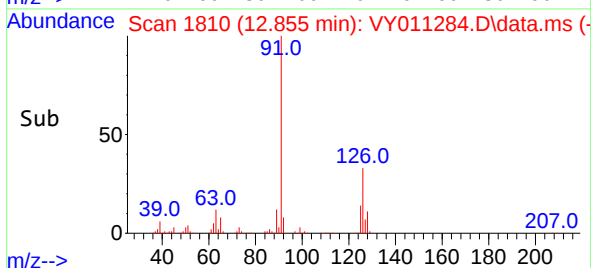
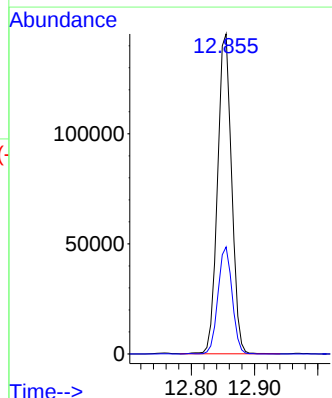
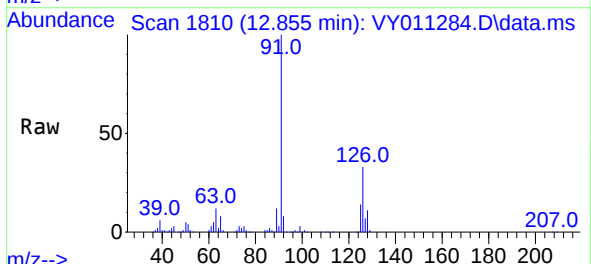
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOILD

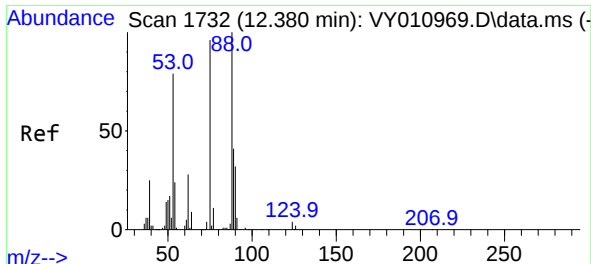
Tgt Ion: 91 Resp: 223443
Ion Ratio Lower Upper
91 100
120 0.0 11.3 33.9#



#79
2-Chlorotoluene
Concen: 31.563 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.097 min
Lab File: VY011284.D
Acq: 03 Nov 2022 14:09

Tgt Ion: 91 Resp: 223443
Ion Ratio Lower Upper
91 100
126 33.6 16.9 50.6

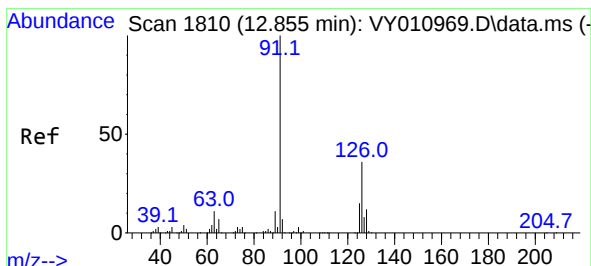
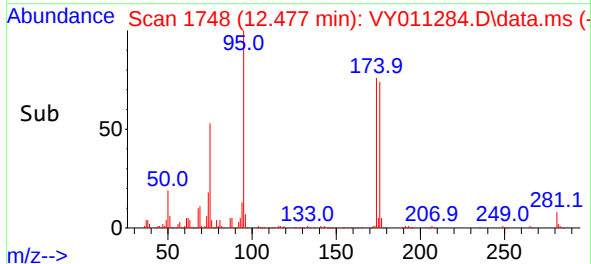
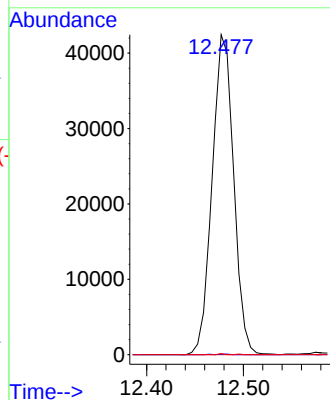
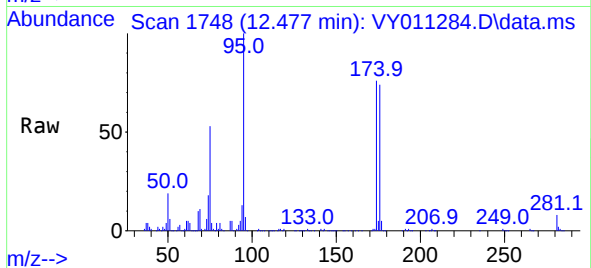




#81
trans-1,4-Dichloro-2-butene
Concen: 85.374 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY011284.D
Acq: 03 Nov 2022 14:09

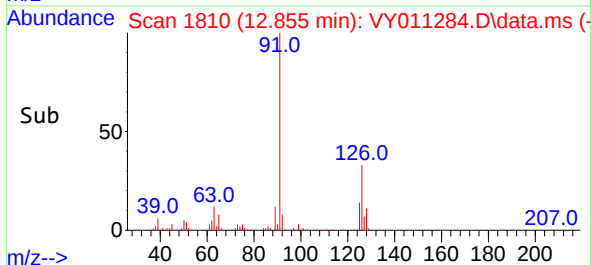
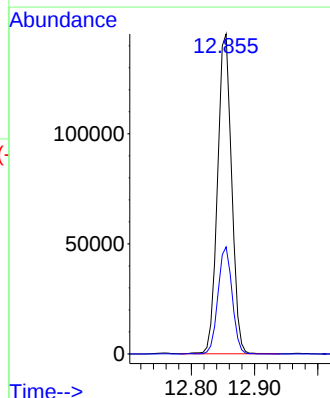
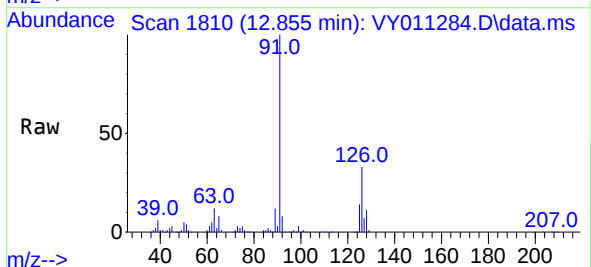
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOILDL

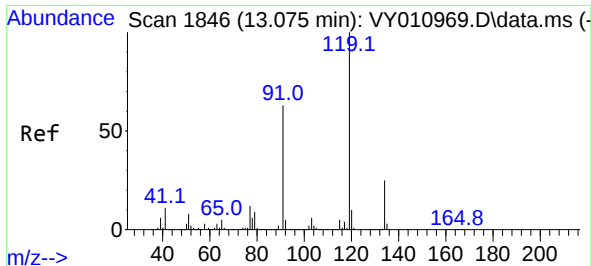
Tgt Ion: 75 Resp: 65587
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.1 37.0 55.4#



#82
4-Chlorotoluene
Concen: 30.628 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY011284.D
Acq: 03 Nov 2022 14:09

Tgt Ion: 91 Resp: 223443
Ion Ratio Lower Upper
91 100
126 33.6 17.0 51.0

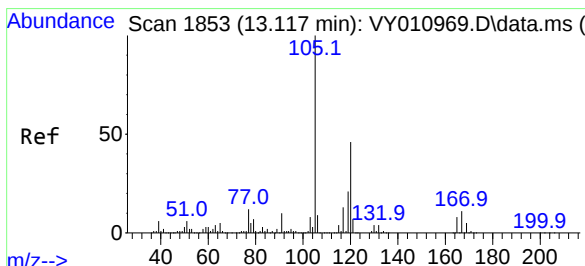
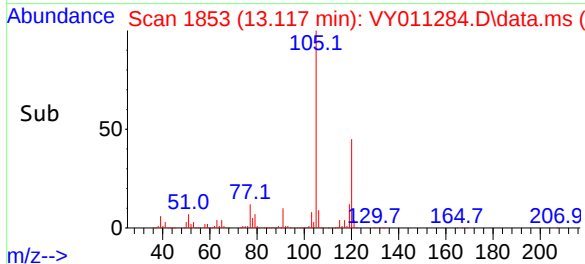
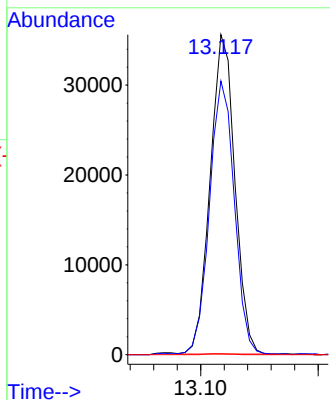
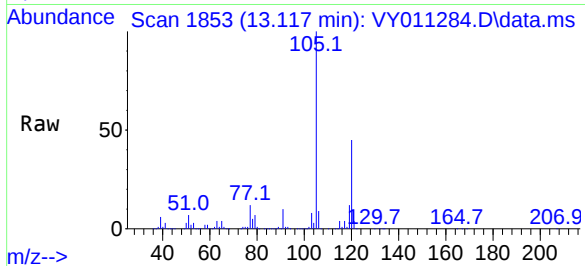




#83
tert-Butylbenzene
Concen: 7.061 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.042 min
Lab File: VY011284.D
Acq: 03 Nov 2022 14:09

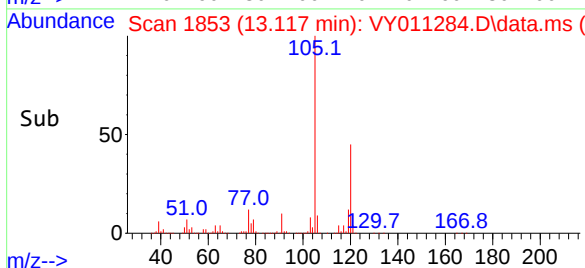
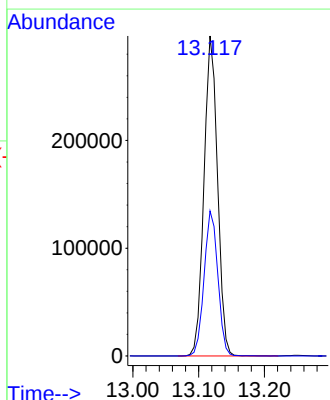
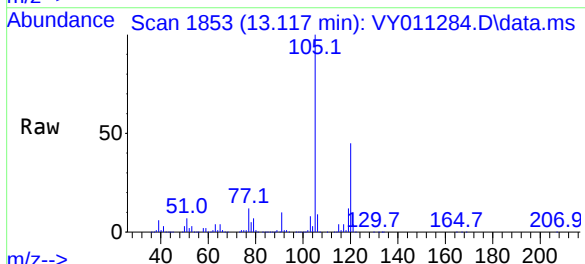
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOILDL

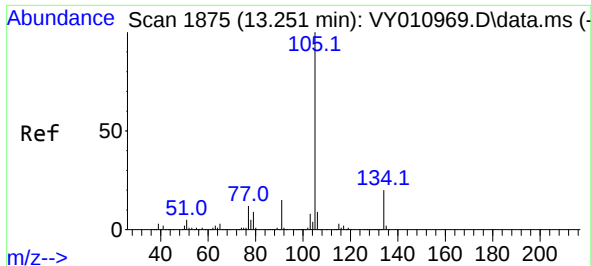
Tgt Ion:119 Resp: 51986
Ion Ratio Lower Upper
119 100
91 86.7 34.8 104.4
134 0.3 13.3 39.9#



#84
1,2,4-Trimethylbenzene
Concen: 50.374 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY011284.D
Acq: 03 Nov 2022 14:09

Tgt Ion:105 Resp: 425687
Ion Ratio Lower Upper
105 100
120 45.9 22.3 66.9

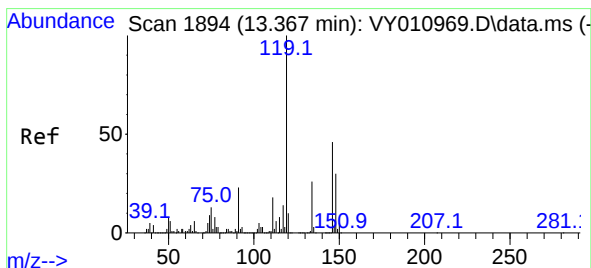
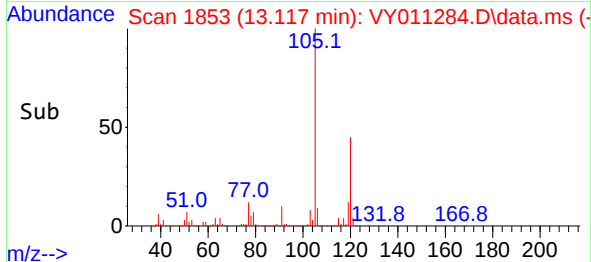
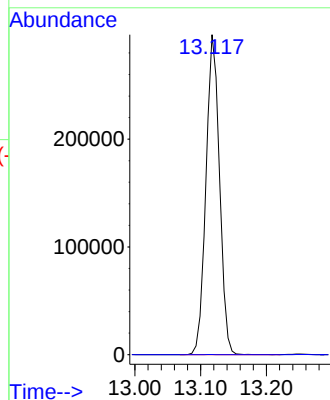
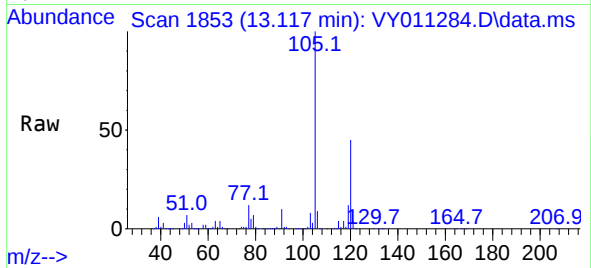




#85
sec-Butylbenzene
Concen: 38.998 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.134 min
Lab File: VY011284.D
Acq: 03 Nov 2022 14:09

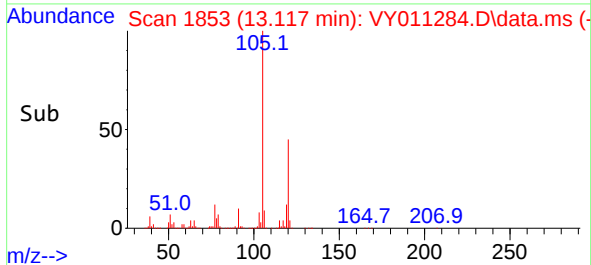
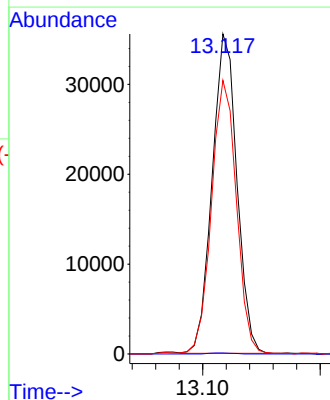
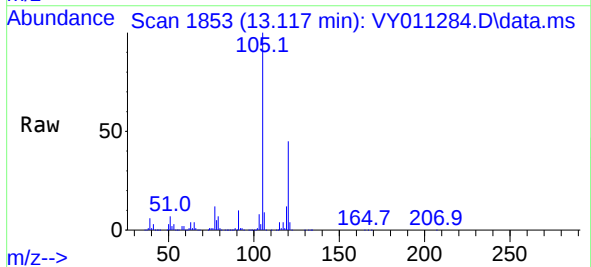
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOILDL

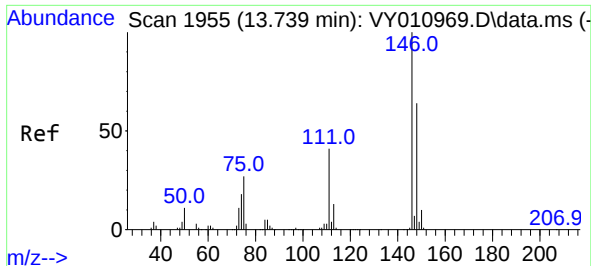
Tgt Ion:105 Resp: 425687
Ion Ratio Lower Upper
105 100
134 0.0 10.2 30.4#



#86
p-Isopropyltoluene
Concen: 5.714 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.250 min
Lab File: VY011284.D
Acq: 03 Nov 2022 14:09

Tgt Ion:119 Resp: 51986
Ion Ratio Lower Upper
119 100
134 0.3 13.2 39.5#
91 86.4 12.4 37.2#





#91

1,2-Dichlorobenzene

Concen: 36.830 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY011284.D

Acq: 03 Nov 2022 14:09

Instrument :

MSVOA_Y

ClientSampleId :

PT-VOA-SOILDL

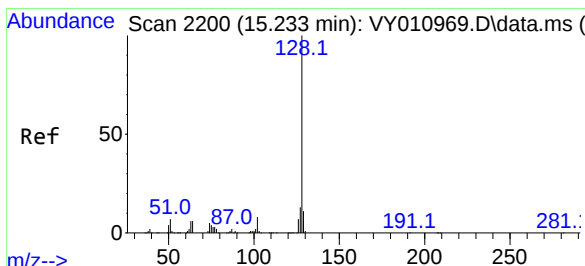
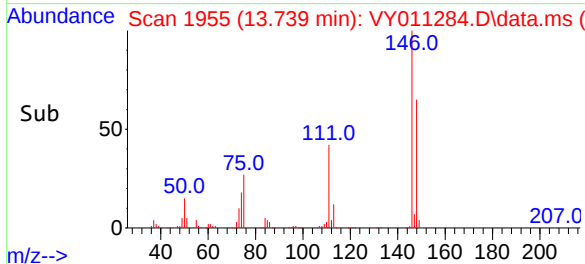
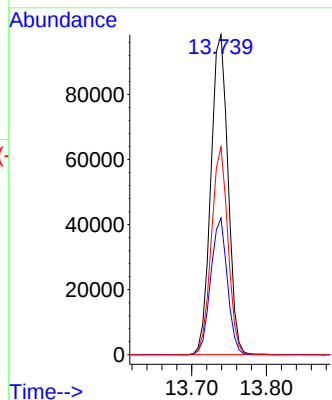
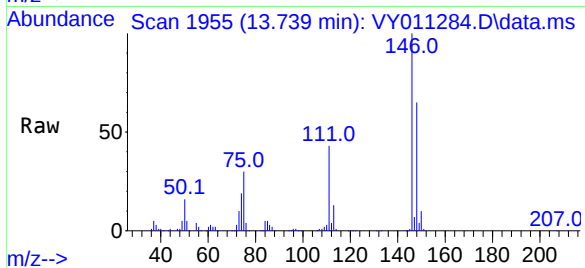
Tgt Ion:146 Resp: 156676

Ion Ratio Lower Upper

146 100

111 41.5 20.3 60.9

148 63.1 32.3 96.9



#95

Naphthalene

Concen: 29.096 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY011284.D

Acq: 03 Nov 2022 14:09

Tgt Ion:128 Resp: 164082

Ion Ratio Lower Upper

128 100

127 12.9 11.0 16.4

129 10.9 8.4 12.6

