

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110322\
 Data File : VY011280.D
 Acq On : 03 Nov 2022 12:04
 Operator : KP/MD
 Sample : N5317-24
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PT-VOA-SOIL

Quant Time: Nov 03 14:30:22 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	7.789	168	242347	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	391180	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	352280	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	173767	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	118738	45.811	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.620%
35) Dibromofluoromethane	7.716	113	123799	49.257	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.520%
50) Toluene-d8	10.179	98	465351	47.688	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.380%
62) 4-Bromofluorobenzene	12.483	95	161688	47.729	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.460%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	993	Below Cal	#	69
11) Tert butyl alcohol	4.923	59	8376	Below Cal	#	77
12) 1,1-Dichloroethene	3.869	96	488882	185.453	ug/l	83
13) Acrolein	3.741	56	19	Below Cal	#	14
14) Allyl chloride	4.710	41	14803	3.707	ug/l	# 23
15) Acrylonitrile	5.210	53	13285	16.638	ug/l	# 26
16) Acetone	3.942	43	293764	375.466	ug/l	# 82
19) Methyl tert-butyl Ether	5.216	73	1335445	190.638	ug/l	96
20) Methylene Chloride	4.710	84	395437	131.813	ug/l	# 82
21) trans-1,2-Dichloroethene	5.216	96	405820	135.349	ug/l	88
24) 1,1-Dichloroethane	6.015	63	973440	187.754	ug/l	99
25) 2-Butanone	6.978	43	327352	297.358	ug/l	# 81
26) 2,2-Dichloropropane	6.978	77	793286	167.333	ug/l	94
27) cis-1,2-Dichloroethene	6.978	96	532164	161.079	ug/l	88
28) Bromochloromethane	7.502	49	61824	31.043	ug/l	# 16
30) Chloroform	7.502	83	907163	173.242	ug/l	100
31) Cyclohexane	7.783	56	4832	1.006	ug/l	# 1
32) 1,1,1-Trichloroethane	7.697	97	139308	29.994	ug/l	95
36) 1,1-Dichloropropene	7.917	75	540093	131.589	ug/l	97
37) Ethyl Acetate	6.978	43	327352	147.952	ug/l	# 1
40) Benzene	8.161	78	2033472	168.574	ug/l	96
41) Methacrylonitrile	7.496	41	3009	2.503	ug/l	# 1
42) 1,2-Dichloroethane	8.234	62	558994	170.652	ug/l	90
44) Trichloroethene	8.941	130	4265	1.321	ug/l	93
45) 1,2-Dichloropropane	9.215	63	186031	62.380	ug/l	96
46) Dibromomethane	9.496	93	20879	12.391	ug/l	# 3
47) Bromodichloromethane	9.496	83	692270	173.313	ug/l	100
48) Methyl methacrylate	9.215	41	83104	46.414	ug/l	# 43
49) 1,4-Dioxane	9.496	88	922	40.674	ug/l	# 23
52) Toluene	10.240	92	1309335	175.053	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	265280	63.062	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	595202	123.655	ug/l	# 79
55) 1,1,2-Trichloroethane	10.642	97	286337	118.569	ug/l	99
59) 2-Hexanone	10.831	43	387940	256.369	ug/l	81
60) Dibromochloromethane	10.983	129	283330	98.746	ug/l	100
65) Chlorobenzene	11.514	112	1521484	195.763	ug/l	100

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

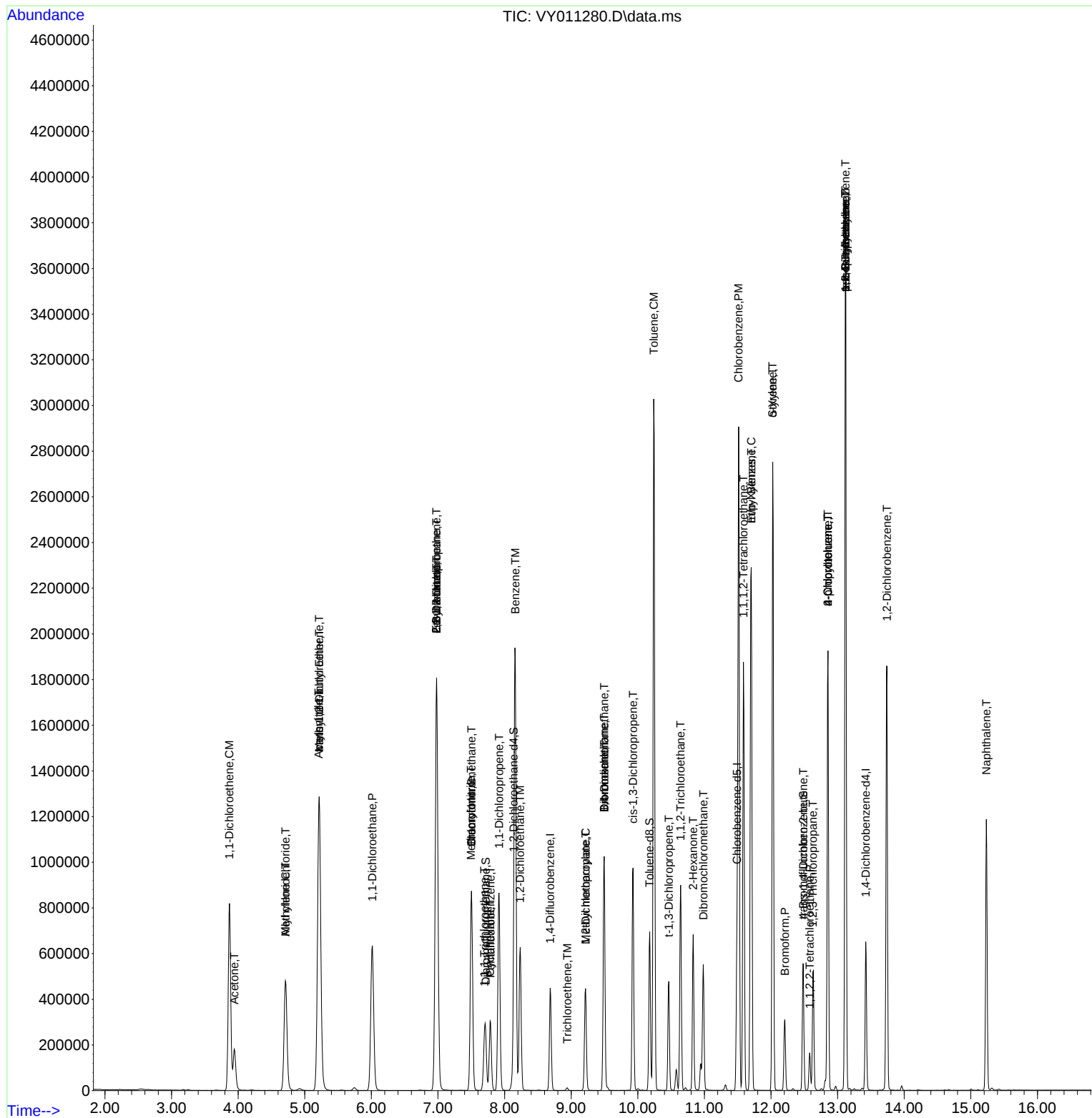
66) 1,1,1,2-Tetrachloroethane	11.587	131	513715	179.513	ug/l	98
67) Ethyl Benzene	11.703	91	1521684	110.374	ug/l #	64
68) m/p-Xylenes	11.703	106	759295	141.880	ug/l	95
69) o-Xylene	12.026	106	734240	146.363	ug/l	95
70) Styrene	12.026	104	37625	4.424	ug/l #	1
71) Bromoform	12.209	173	144863	81.445	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	80608	29.983	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	224240	106.000	ug/l #	100
78) n-propylbenzene	12.855	91	1089695	68.545	ug/l #	53
79) 2-Chlorotoluene	12.855	91	1089695	119.631	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.483	75	78803	79.722	ug/l #	7
82) 4-Chlorotoluene	12.855	91	1089695	116.087	ug/l	99
83) tert-Butylbenzene	13.117	119	260838	27.535	ug/l #	74
84) 1,2,4-Trimethylbenzene	13.117	105	2092630	192.458	ug/l	98
85) sec-Butylbenzene	13.117	105	2092630	148.995	ug/l #	56
86) p-Isopropyltoluene	13.117	119	259131	22.135	ug/l #	18
91) 1,2-Dichlorobenzene	13.739	146	770276	140.727	ug/l	99
95) Naphthalene	15.233	128	960757	118.314	ug/l	98

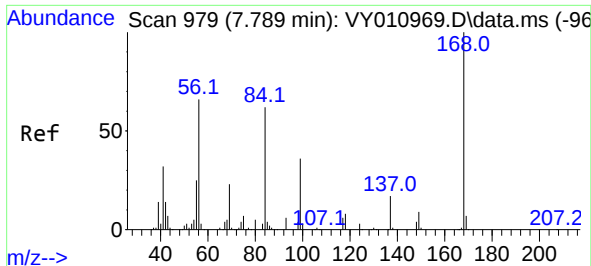
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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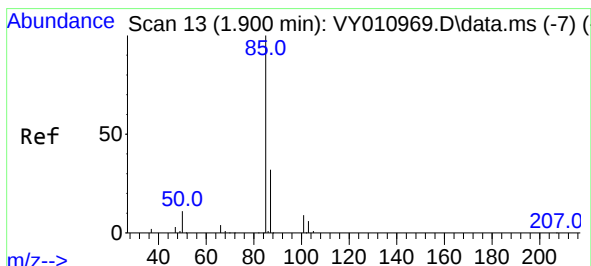
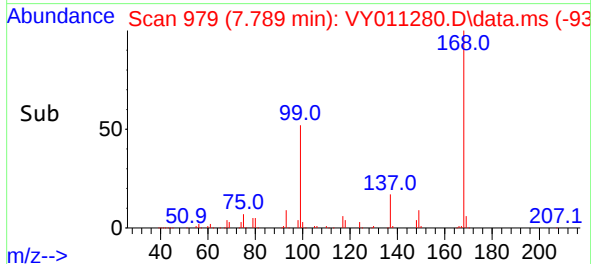
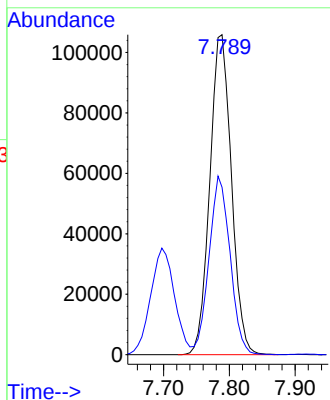
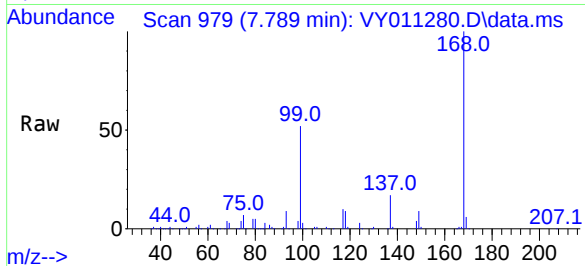




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011280.D
Acq: 03 Nov 2022 12:04

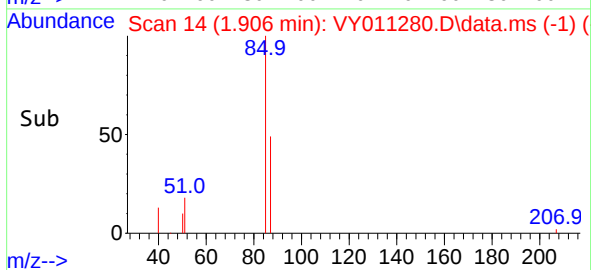
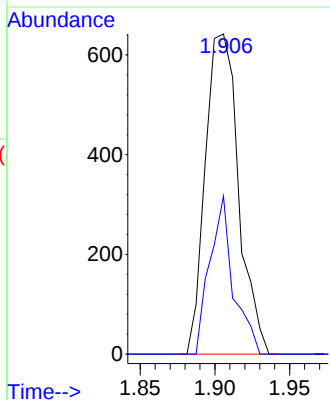
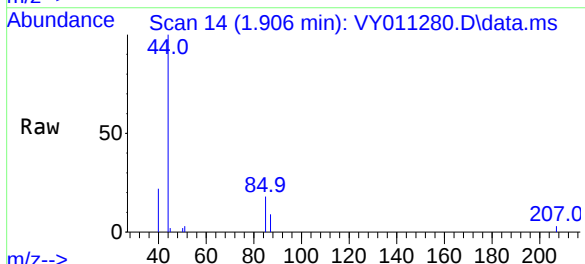
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOIL

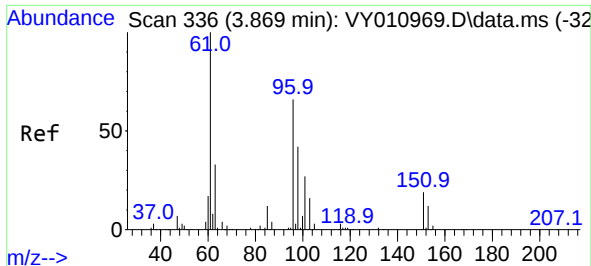
Tgt Ion:168 Resp: 242347
Ion Ratio Lower Upper
168 100
99 52.3 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY011280.D
Acq: 03 Nov 2022 12:04

Tgt Ion: 85 Resp: 993
Ion Ratio Lower Upper
85 100
87 49.4 16.1 48.2#

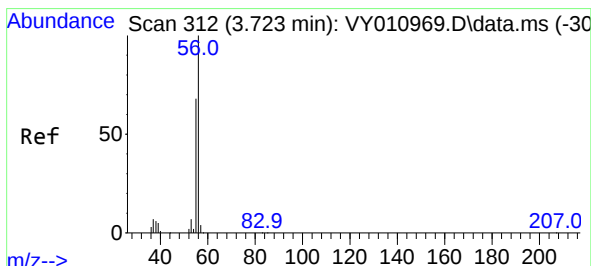
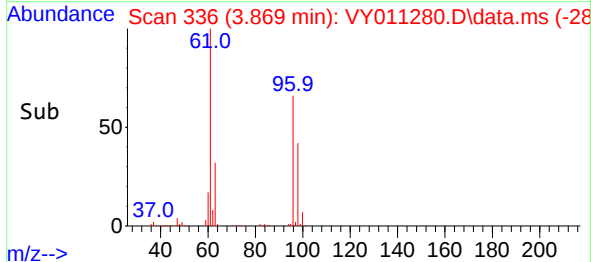
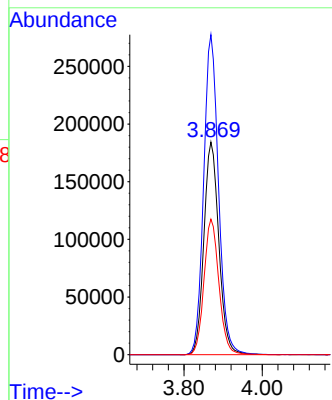
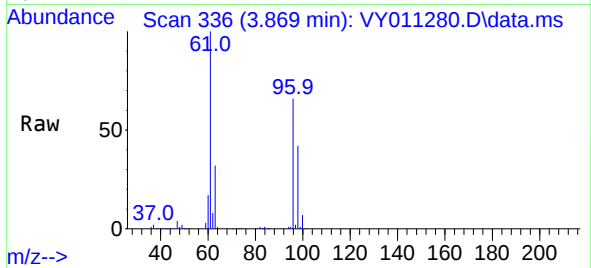




#12
1,1-Dichloroethene
Concen: 185.453 ug/l
RT: 3.869 min Scan# 315
Delta R.T. -0.000 min
Lab File: VY011280.D
Acq: 03 Nov 2022 12:04

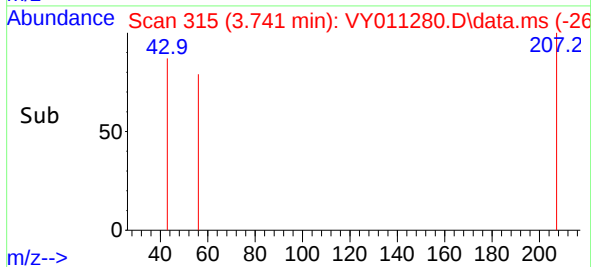
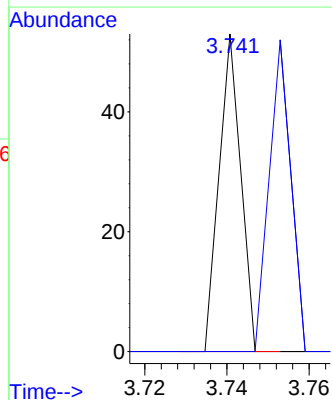
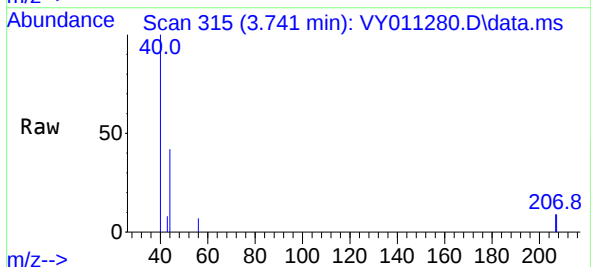
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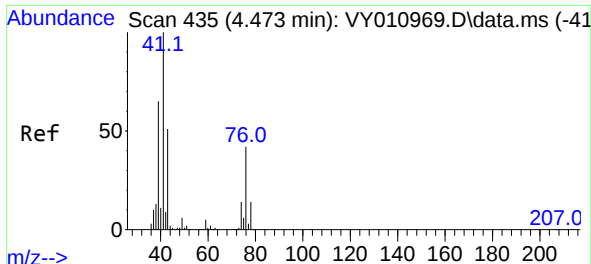
Tgt Ion: 96 Resp: 488882
Ion Ratio Lower Upper
96 100
61 150.5 145.8 218.6
98 63.7 52.5 78.7



#13
Acrolein
Concen: Below Cal
RT: 3.741 min Scan# 315
Delta R.T. 0.018 min
Lab File: VY011280.D
Acq: 03 Nov 2022 12:04

Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#

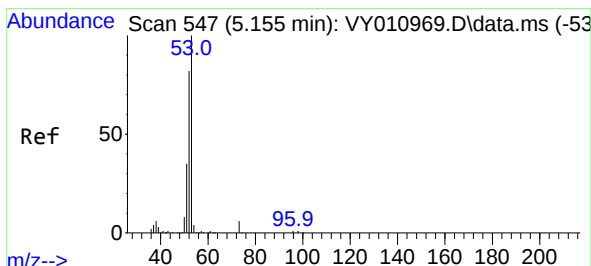
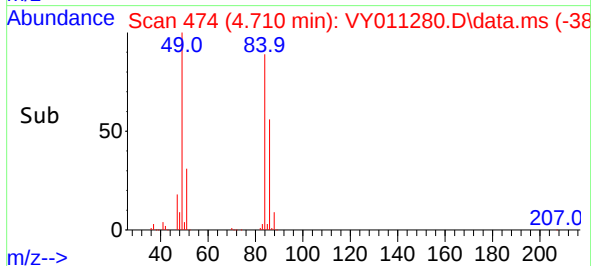
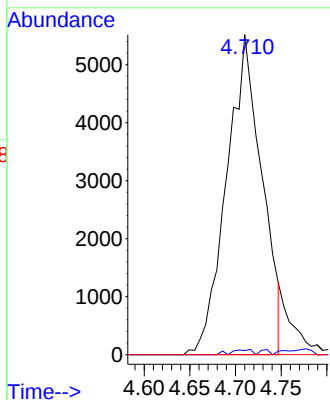
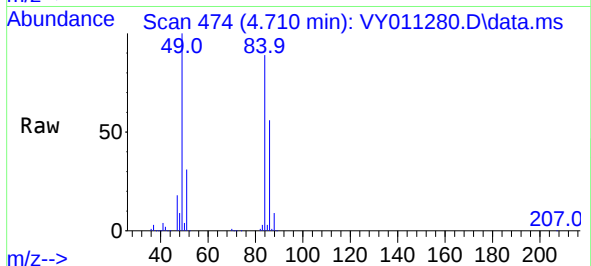




#14
 Allyl chloride
 Concen: 3.707 ug/l
 RT: 4.710 min Scan# 41
 Delta R.T. 0.237 min
 Lab File: VY011280.D
 Acq: 03 Nov 2022 12:04

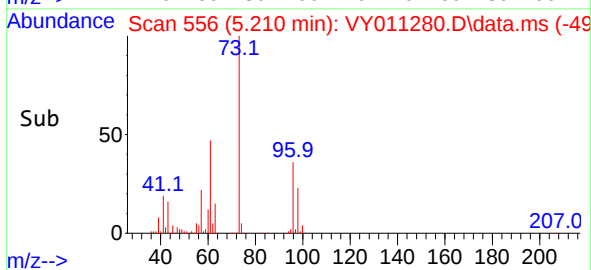
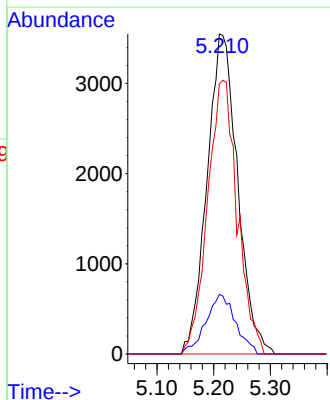
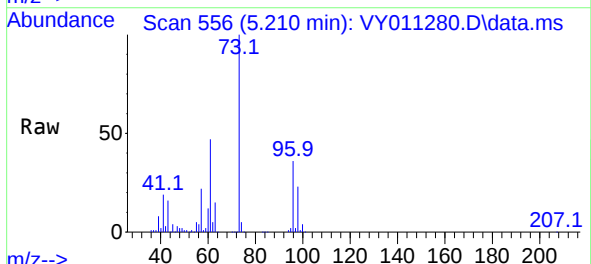
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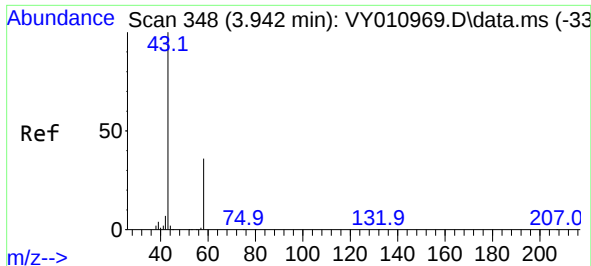
Tgt Ion: 41 Resp: 14803
 Ion Ratio Lower Upper
 41 100
 39 0.9 58.8 88.2#
 76 0.0 25.1 37.7#



#15
 Acrylonitrile
 Concen: 16.638 ug/l
 RT: 5.210 min Scan# 556
 Delta R.T. 0.055 min
 Lab File: VY011280.D
 Acq: 03 Nov 2022 12:04

Tgt Ion: 53 Resp: 13285
 Ion Ratio Lower Upper
 53 100
 52 18.0 67.0 100.4#
 51 82.9 29.8 44.6#

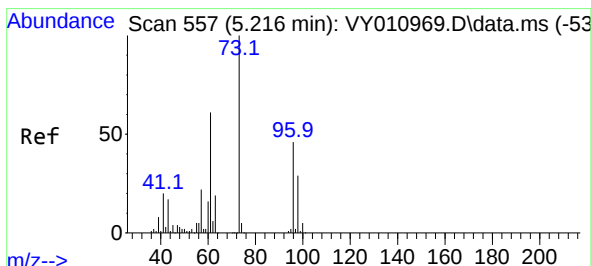
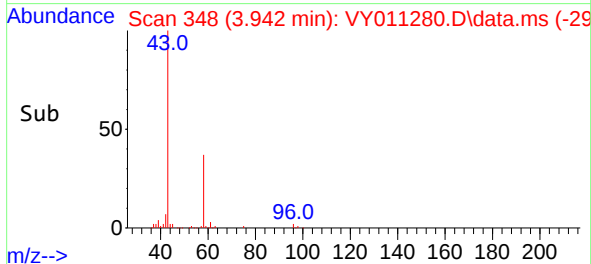
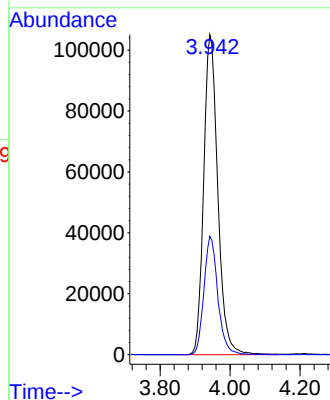
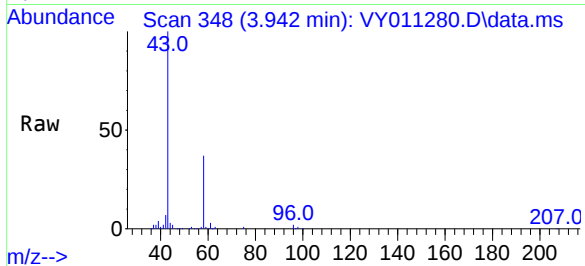




#16
Acetone
Concen: 375.466 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY011280.D
Acq: 03 Nov 2022 12:04

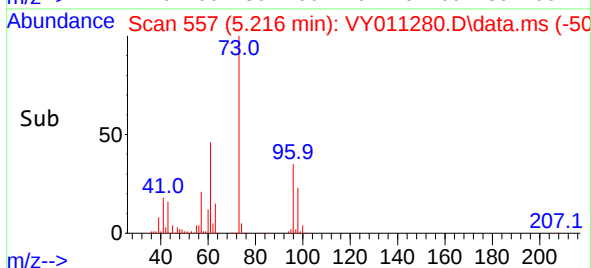
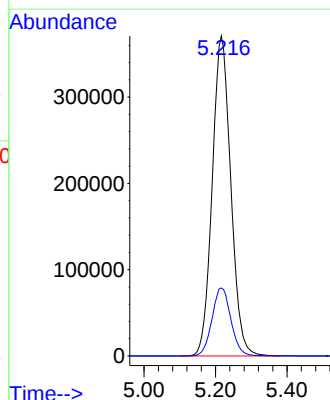
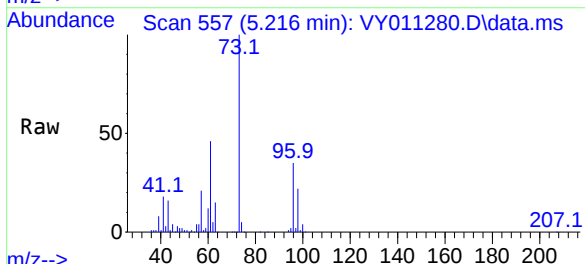
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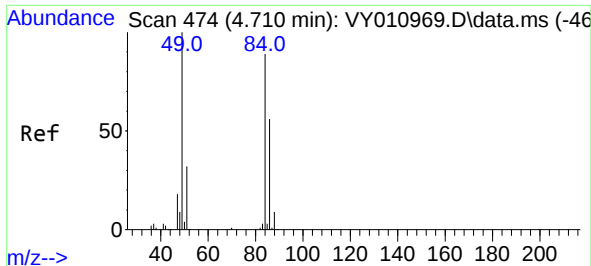
Tgt Ion: 43 Resp: 293764
Ion Ratio Lower Upper
43 100
58 37.0 22.0 33.0#



#19
Methyl tert-butyl Ether
Concen: 190.638 ug/l
RT: 5.216 min Scan# 557
Delta R.T. 0.000 min
Lab File: VY011280.D
Acq: 03 Nov 2022 12:04

Tgt Ion: 73 Resp: 1335445
Ion Ratio Lower Upper
73 100
57 21.3 18.6 27.8

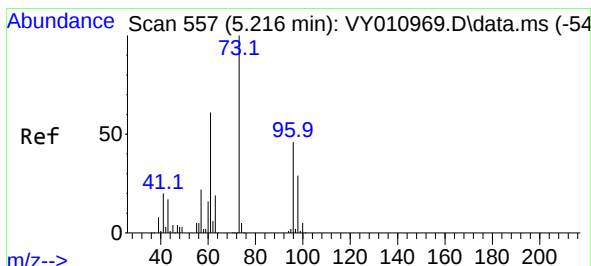
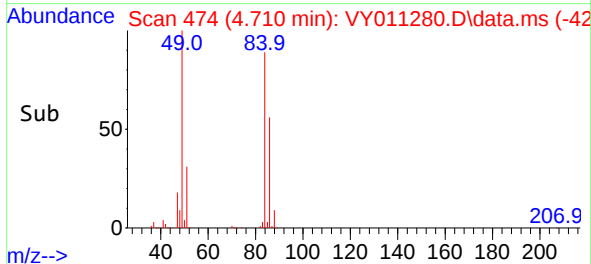
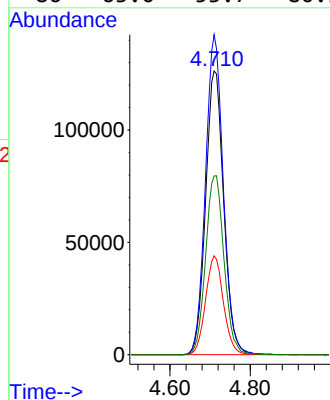
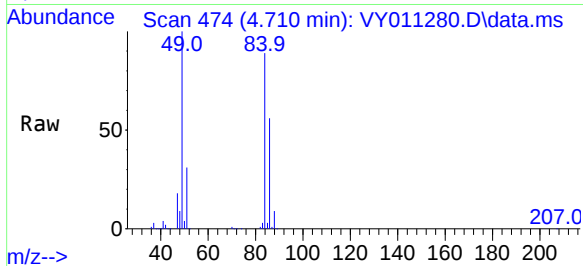




#20
Methylene Chloride
Concen: 131.813 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011280.D
Acq: 03 Nov 2022 12:04

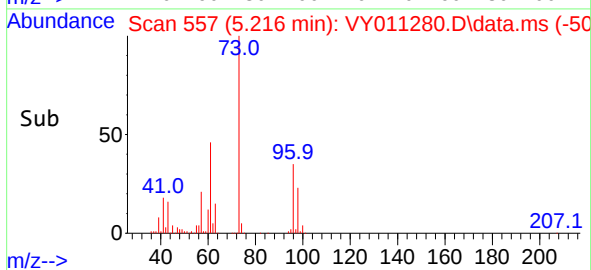
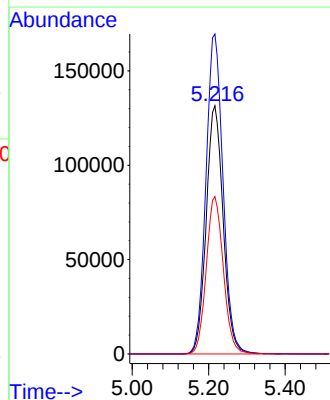
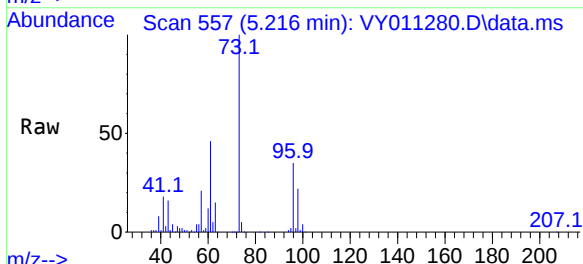
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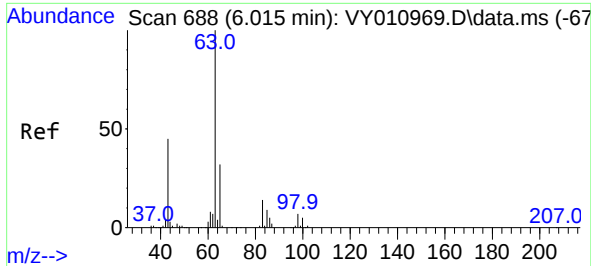
Tgt Ion: 84 Resp: 395437
Ion Ratio Lower Upper
84 100
49 112.8 114.4 171.6#
51 34.9 35.3 52.9#
86 63.0 53.7 80.5



#21
trans-1,2-Dichloroethene
Concen: 135.349 ug/l
RT: 5.216 min Scan# 557
Delta R.T. 0.000 min
Lab File: VY011280.D
Acq: 03 Nov 2022 12:04

Tgt Ion: 96 Resp: 405820
Ion Ratio Lower Upper
96 100
61 129.0 120.5 180.7
98 63.4 49.8 74.8

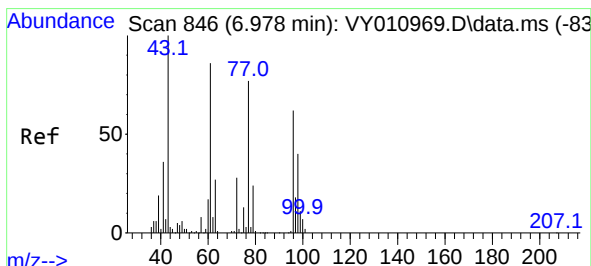
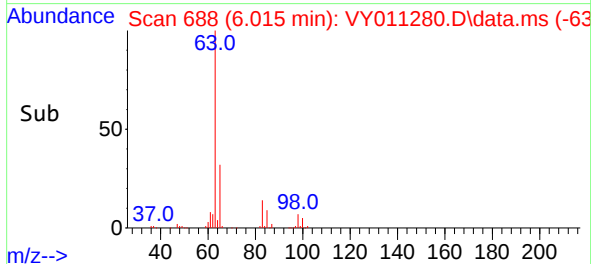
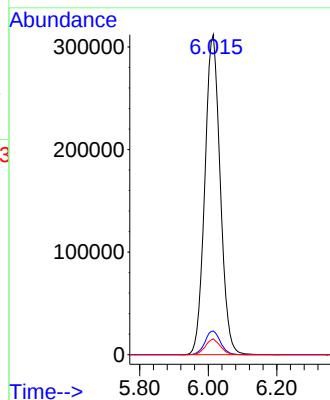
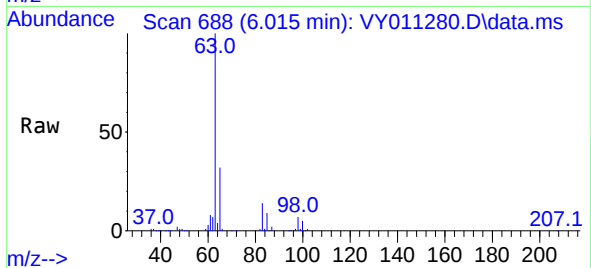




#24
1,1-Dichloroethane
Concen: 187.754 ug/l
RT: 6.015 min Scan# 61
Delta R.T. -0.000 min
Lab File: VY011280.D
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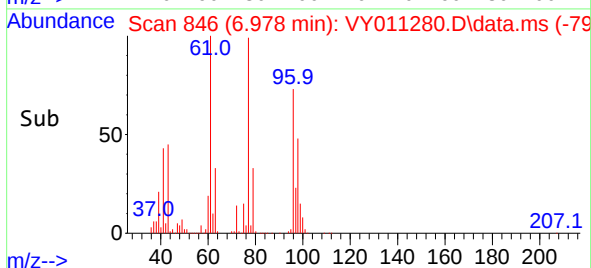
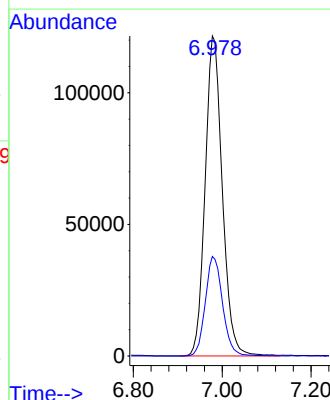
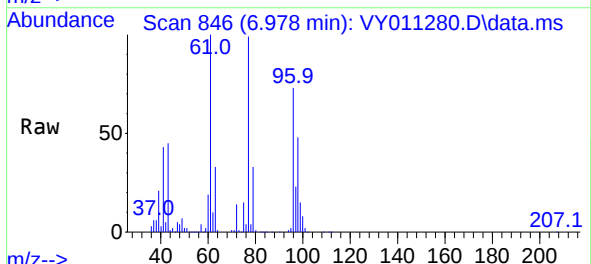
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOIL

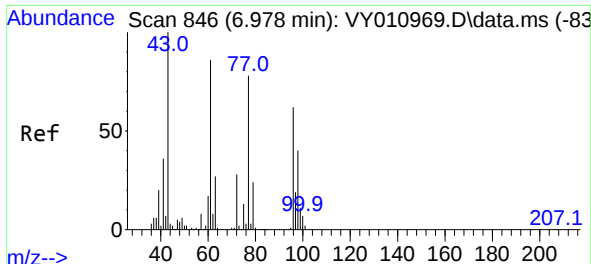
Tgt Ion: 63 Resp: 973440
Ion Ratio Lower Upper
63 100
98 7.4 3.6 10.8
100 4.9 2.0 5.8



#25
2-Butanone
Concen: 297.358 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY011280.D
Acq: 03 Nov 2022 12:04

Tgt Ion: 43 Resp: 327352
Ion Ratio Lower Upper
43 100
72 31.1 17.7 26.5#

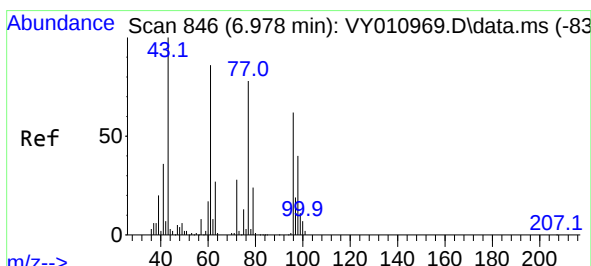
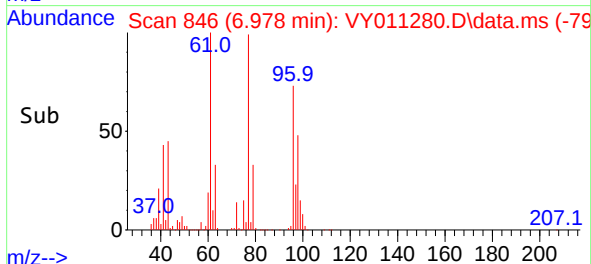
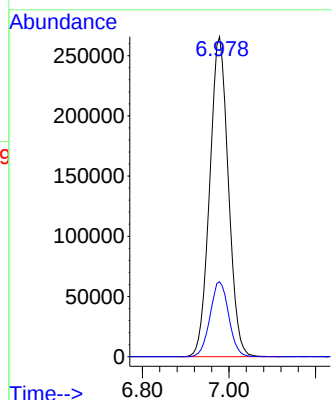
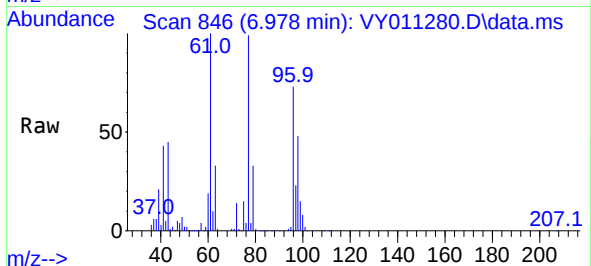




#26
2,2-Dichloropropane
Concen: 167.333 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY011280.D
Acq: 03 Nov 2022 12:04

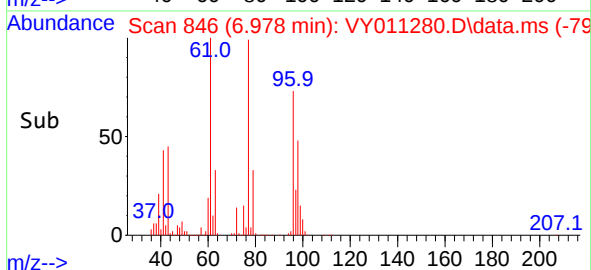
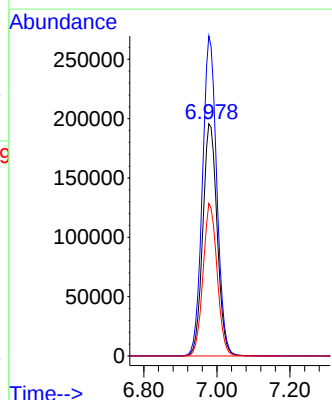
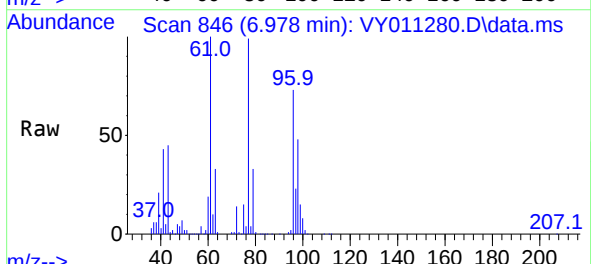
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOIL

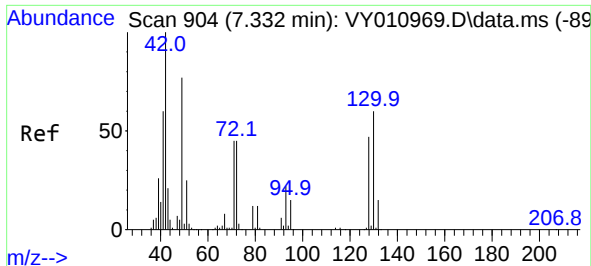
Tgt Ion: 77 Resp: 793286
Ion Ratio Lower Upper
77 100
97 23.5 10.4 31.4



#27
cis-1,2-Dichloroethene
Concen: 161.079 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY011280.D
Acq: 03 Nov 2022 12:04

Tgt Ion: 96 Resp: 532164
Ion Ratio Lower Upper
96 100
61 137.6 0.0 319.8
98 64.4 0.0 127.0

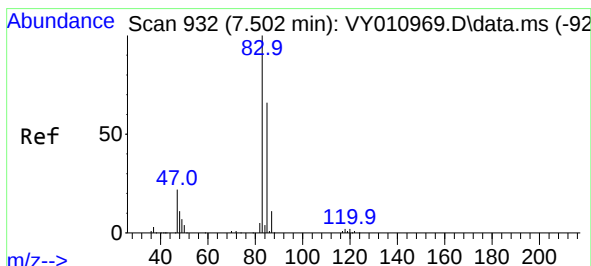
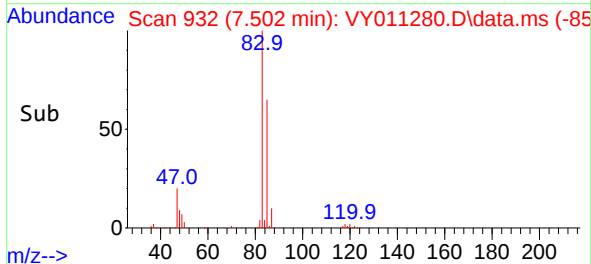
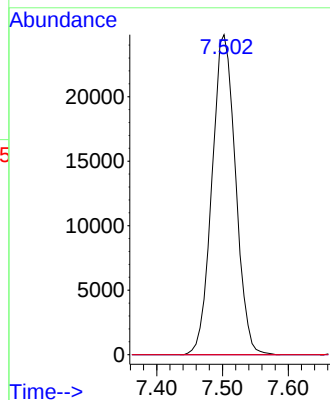
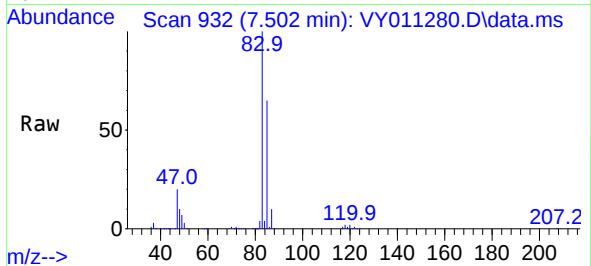




#28
Bromochloromethane
Concen: 31.043 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.170 min
Lab File: VY011280.D
Acq: 03 Nov 2022 12:04

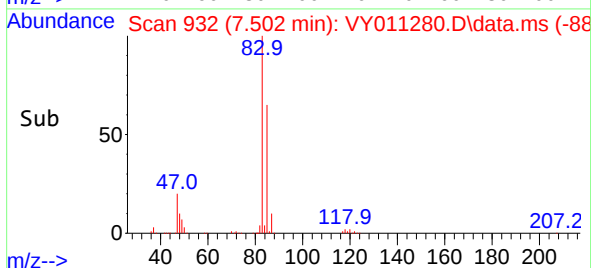
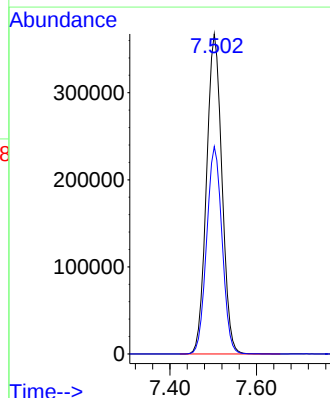
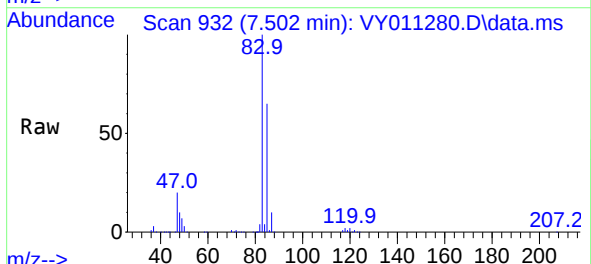
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOIL

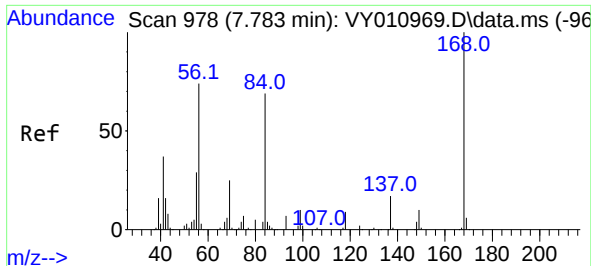
Tgt Ion: 49 Resp: 61824
Ion Ratio Lower Upper
49 100
129 0.0 0.0 2.2
130 0.0 55.4 83.0#



#30
Chloroform
Concen: 173.242 ug/l
RT: 7.502 min Scan# 932
Delta R.T. 0.000 min
Lab File: VY011280.D
Acq: 03 Nov 2022 12:04

Tgt Ion: 83 Resp: 907163
Ion Ratio Lower Upper
83 100
85 64.8 51.8 77.6

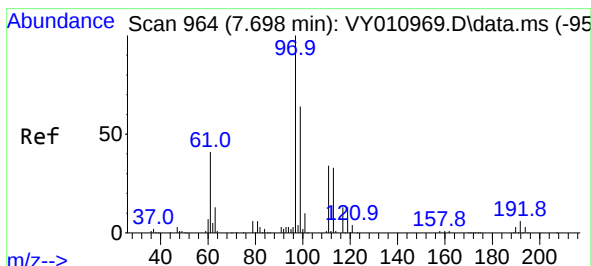
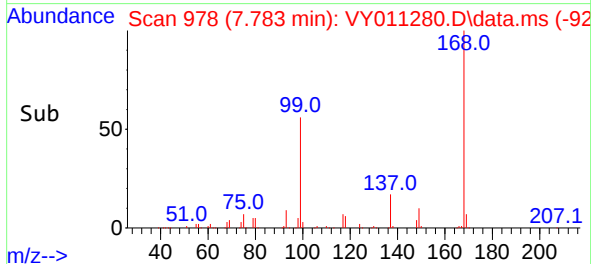
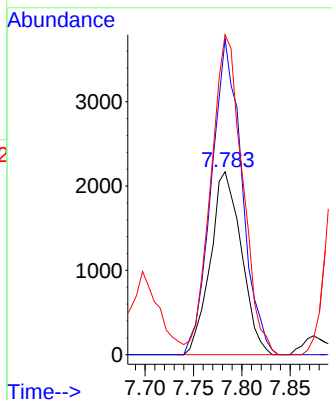
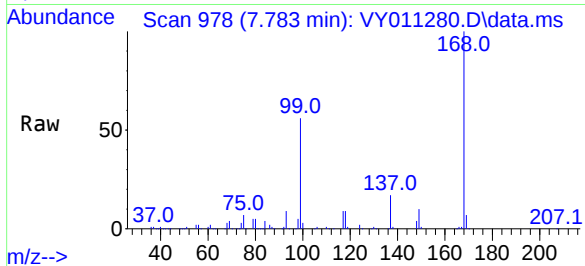




#31
Cyclohexane
Concen: 1.006 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011280.D
Acq: 03 Nov 2022 12:04

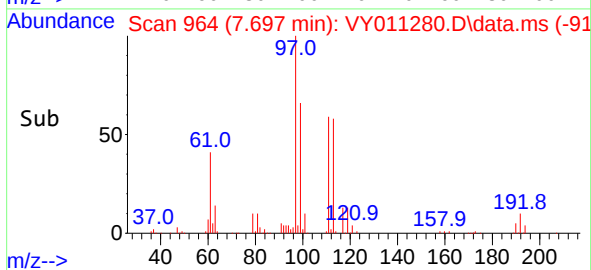
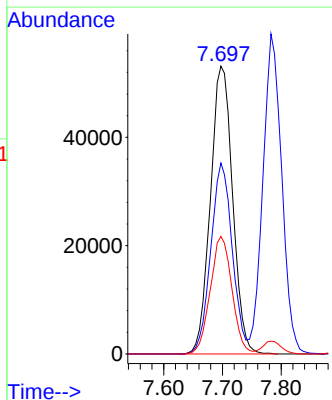
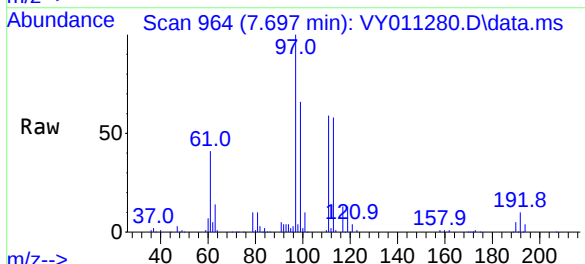
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOIL

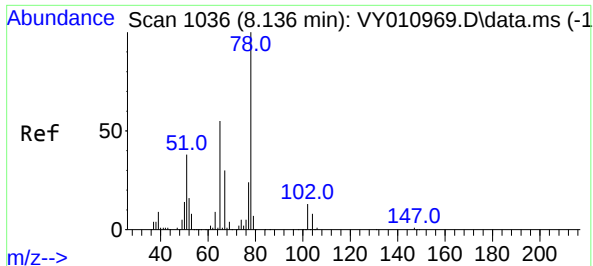
Tgt Ion: 56 Resp: 4832
Ion Ratio Lower Upper
56 100
69 172.7 26.7 40.1#
84 175.0 67.2 100.8#



#32
1,1,1-Trichloroethane
Concen: 29.994 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.001 min
Lab File: VY011280.D
Acq: 03 Nov 2022 12:04

Tgt Ion: 97 Resp: 139308
Ion Ratio Lower Upper
97 100
99 64.1 50.7 76.1
61 40.0 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 45.811 ug/l

RT: 8.136 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY011280.D

Acq: 03 Nov 2022 12:04

Instrument :

MSVOA_Y

ClientSampleId :

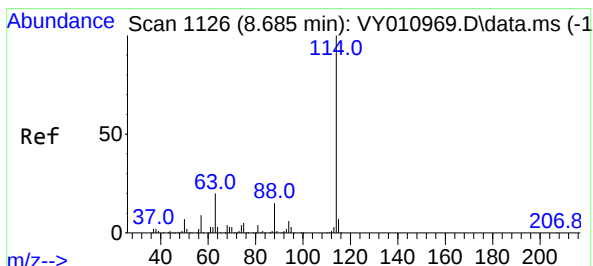
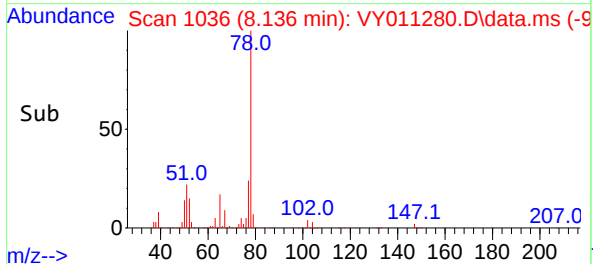
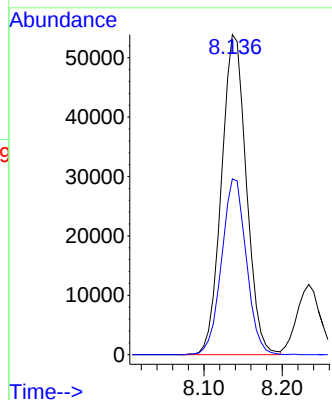
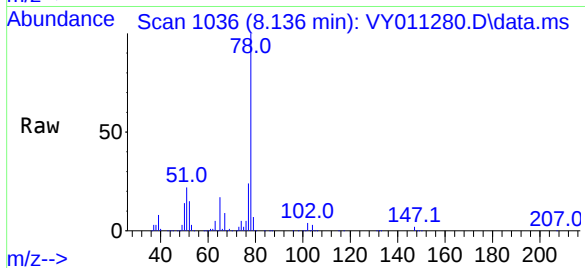
PT-VOA-SOIL

Tgt Ion: 65 Resp: 118738

Ion Ratio Lower Upper

65 100

67 54.6 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: VY011280.D

Acq: 03 Nov 2022 12:04

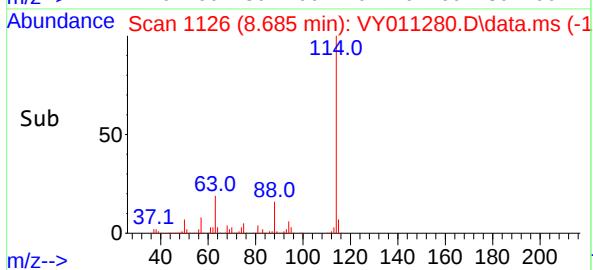
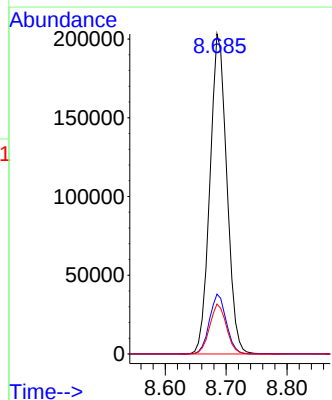
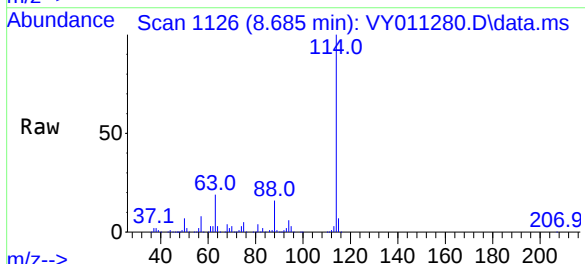
Tgt Ion: 114 Resp: 391180

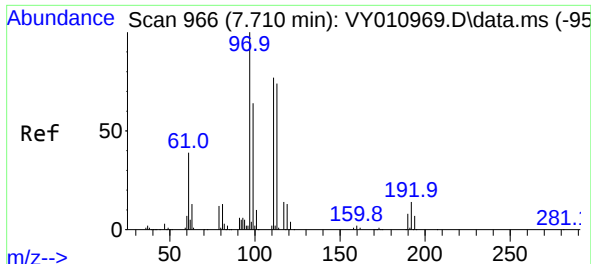
Ion Ratio Lower Upper

114 100

63 18.7 0.0 43.2

88 15.6 0.0 31.8

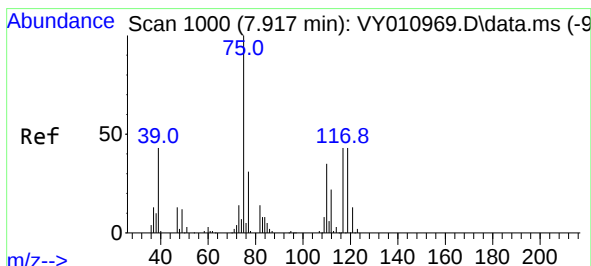
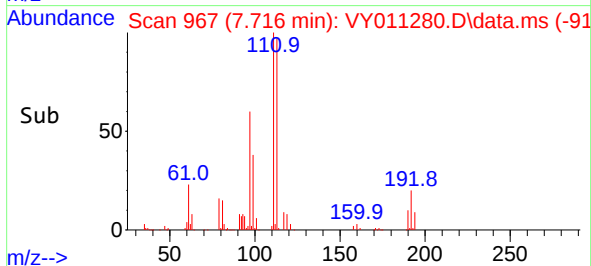
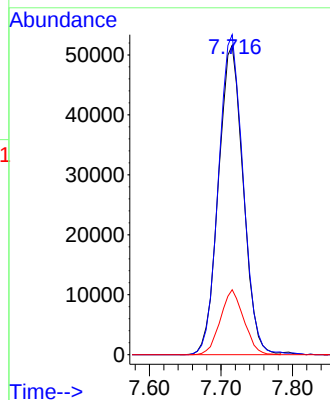
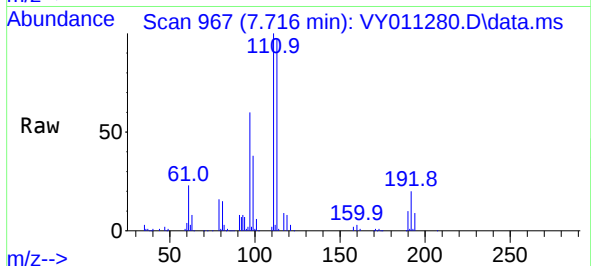




#35
Dibromofluoromethane
Concen: 49.257 ug/l
RT: 7.716 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY011280.D
Acq: 03 Nov 2022 12:04

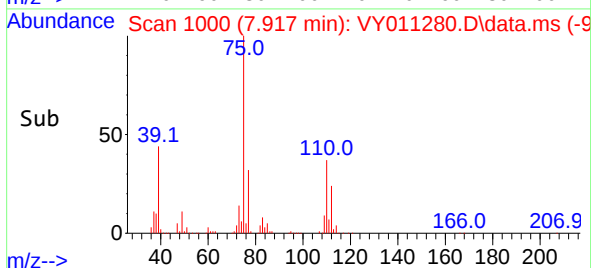
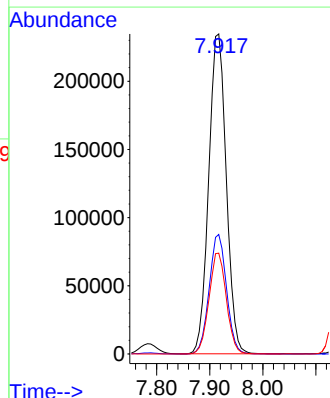
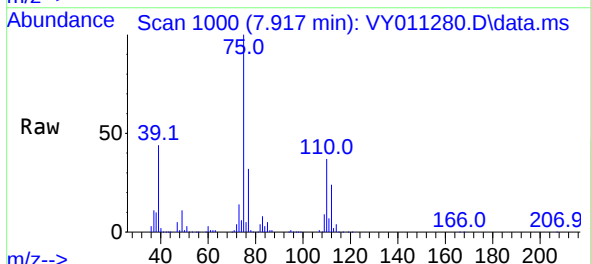
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOIL

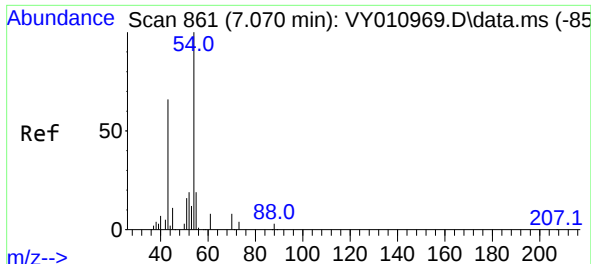
Tgt Ion:113 Resp: 123799
Ion Ratio Lower Upper
113 100
111 102.9 82.6 124.0
192 19.9 17.6 26.4



#36
1,1-Dichloropropene
Concen: 131.589 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY011280.D
Acq: 03 Nov 2022 12:04

Tgt Ion: 75 Resp: 540093
Ion Ratio Lower Upper
75 100
110 36.9 17.1 51.2
77 31.2 24.4 36.6

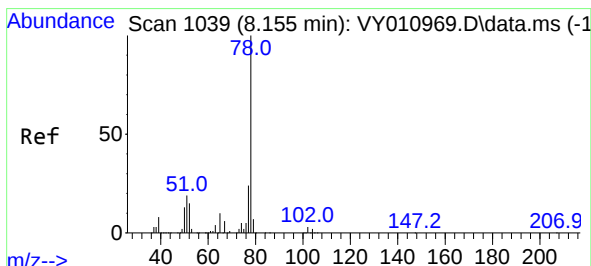
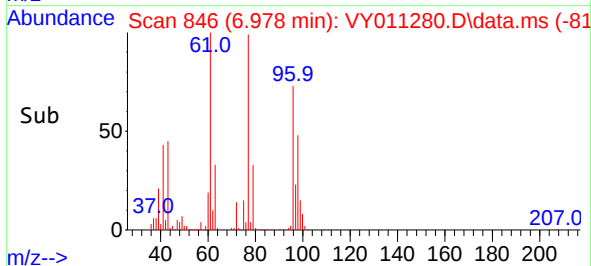
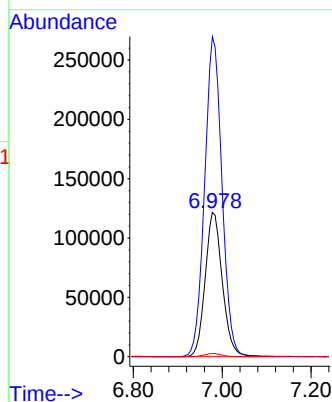
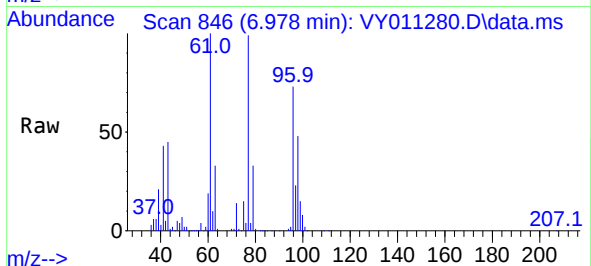




#37
Ethyl Acetate
Concen: 147.952 ug/l
RT: 6.978 min Scan# 84
Delta R.T. -0.092 min
Lab File: VY011280.D
Acq: 03 Nov 2022 12:04

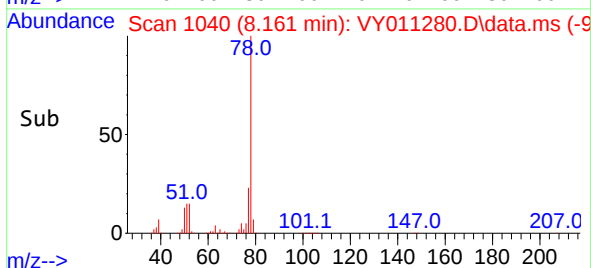
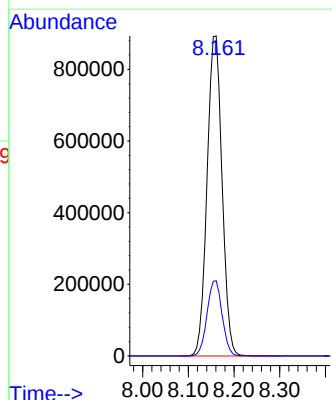
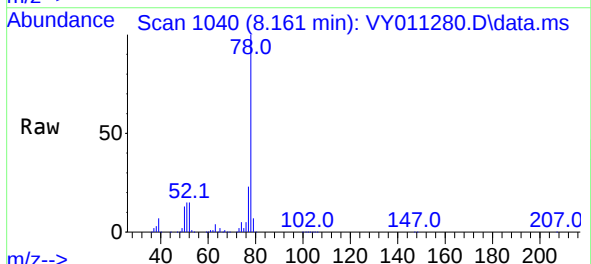
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOIL

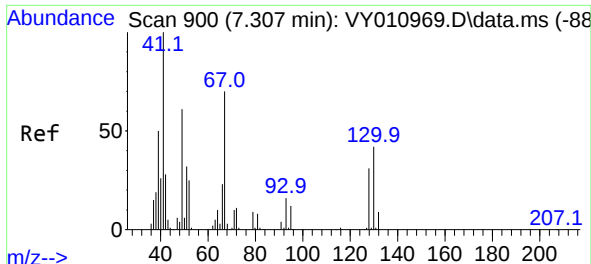
Tgt Ion: 43 Resp: 327352
Ion Ratio Lower Upper
43 100
61 223.7 9.7 14.5#
70 2.2 7.1 10.7#



#40
Benzene
Concen: 168.574 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY011280.D
Acq: 03 Nov 2022 12:04

Tgt Ion: 78 Resp: 2033472
Ion Ratio Lower Upper
78 100
77 23.5 20.4 30.6

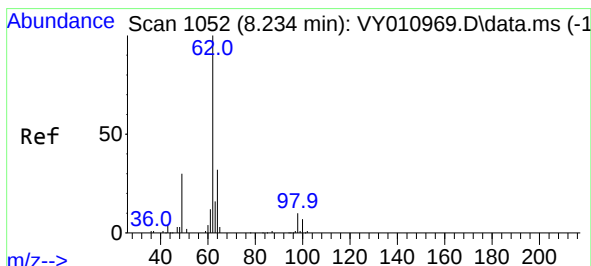
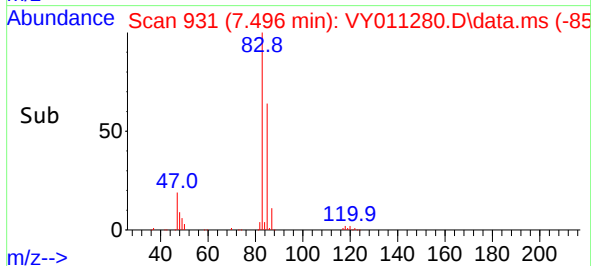
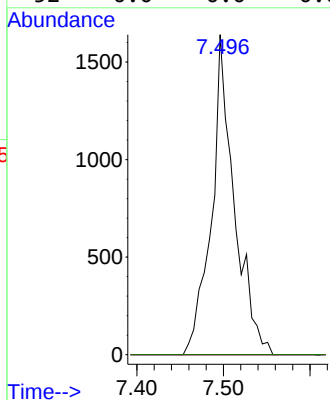
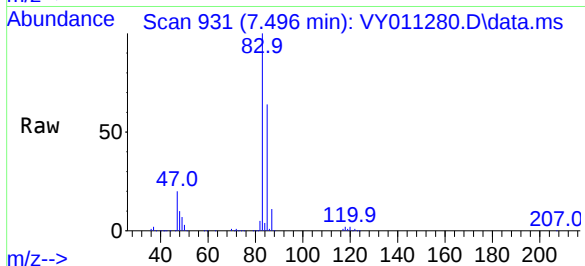




#41
Methacrylonitrile
Concen: 2.503 ug/l
RT: 7.496 min Scan# 911
Delta R.T. 0.189 min
Lab File: VY011280.D
Acq: 03 Nov 2022 12:04

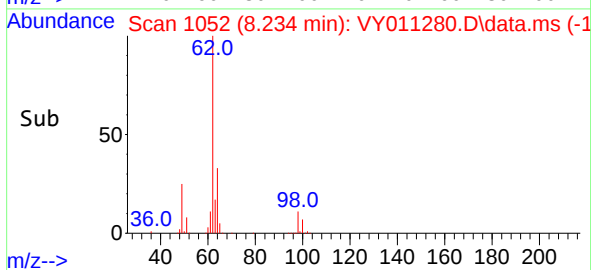
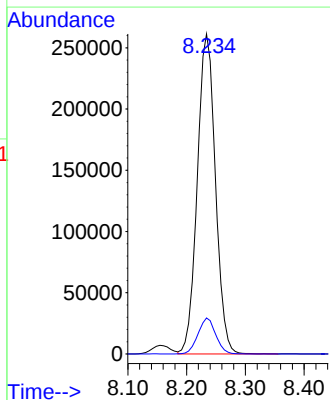
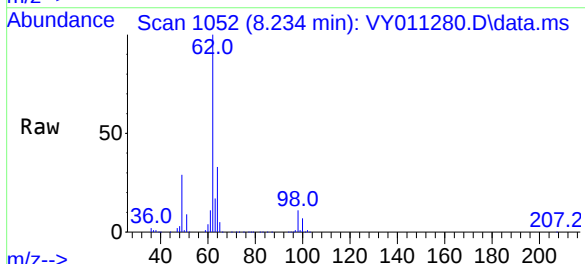
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOIL

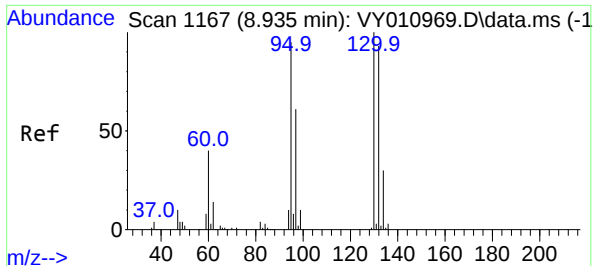
Tgt Ion: 41 Resp: 3009
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 170.652 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY011280.D
Acq: 03 Nov 2022 12:04

Tgt Ion: 62 Resp: 558994
Ion Ratio Lower Upper
62 100
98 11.0 0.0 14.8

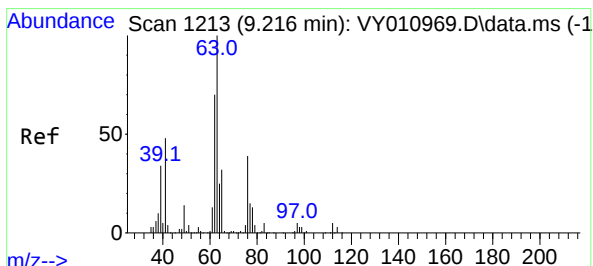
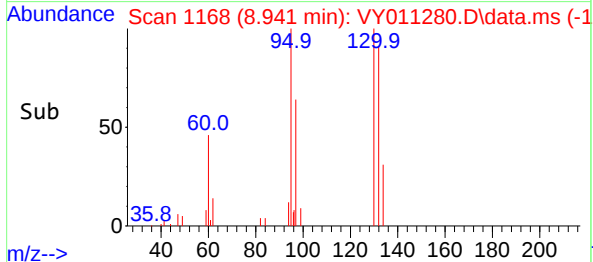
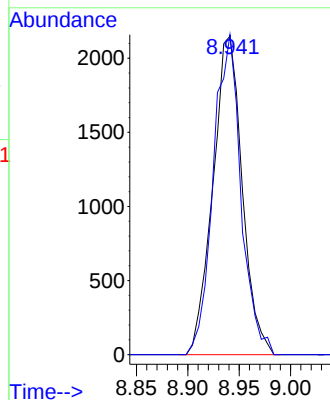
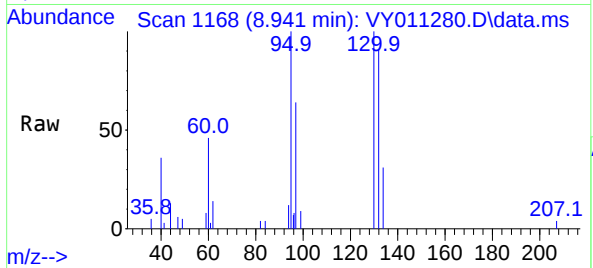




#44
Trichloroethene
Concen: 1.321 ug/l
RT: 8.941 min Scan# 1167
Delta R.T. 0.006 min
Lab File: VY011280.D
Acq: 03 Nov 2022 12:04

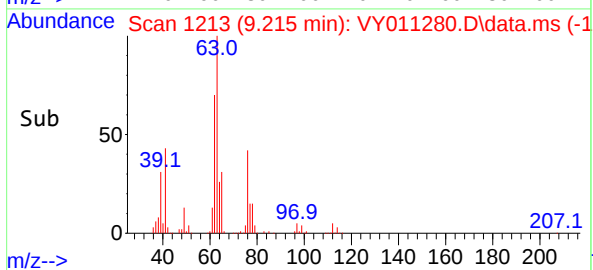
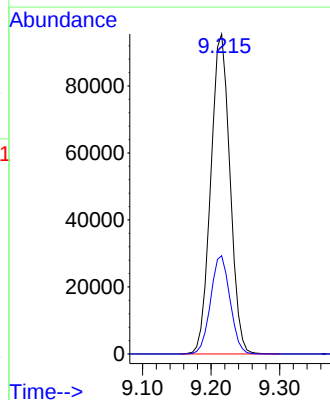
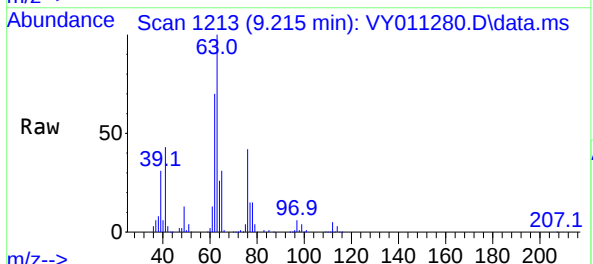
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOIL

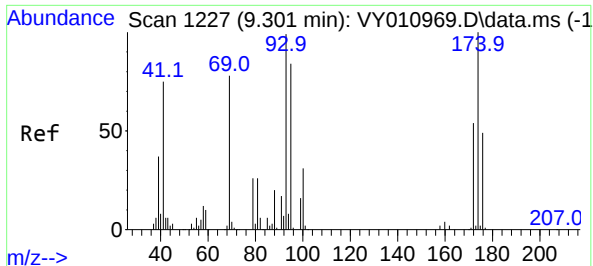
Tgt Ion:130 Resp: 4265
Ion Ratio Lower Upper
130 100
95 100.5 0.0 188.2



#45
1,2-Dichloropropane
Concen: 62.380 ug/l
RT: 9.215 min Scan# 1213
Delta R.T. -0.001 min
Lab File: VY011280.D
Acq: 03 Nov 2022 12:04

Tgt Ion: 63 Resp: 186031
Ion Ratio Lower Upper
63 100
65 30.7 23.0 34.6

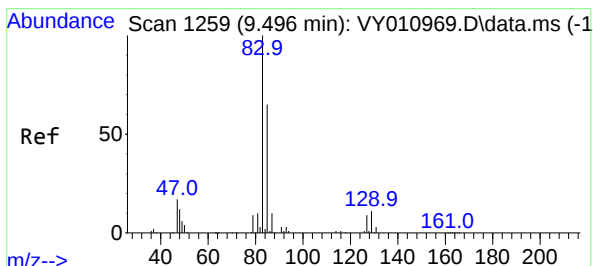
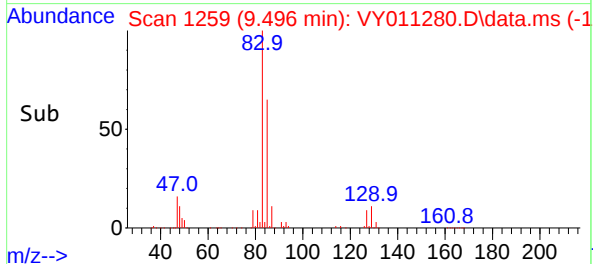
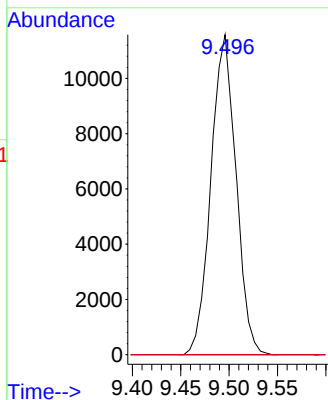
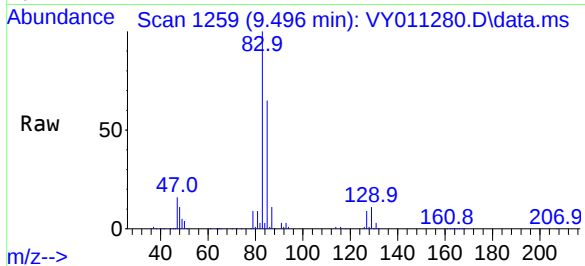




#46
Dibromomethane
Concen: 12.391 ug/l
RT: 9.496 min Scan# 1227
Delta R.T. 0.195 min
Lab File: VY011280.D
Acq: 03 Nov 2022 12:04

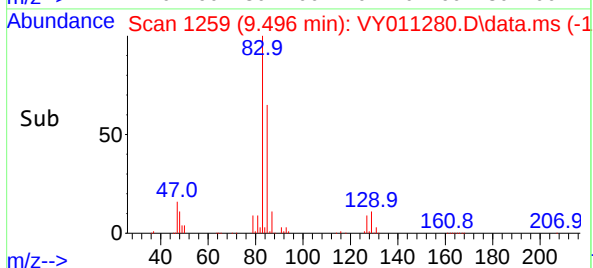
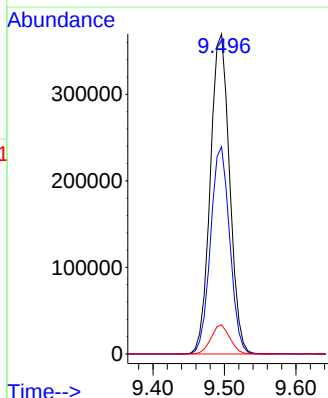
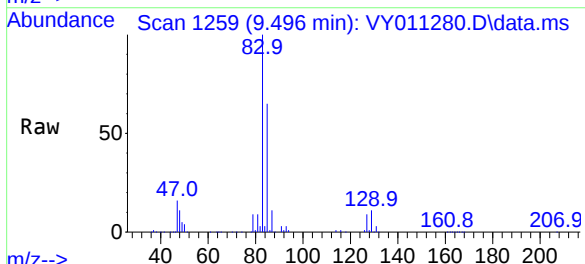
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOIL

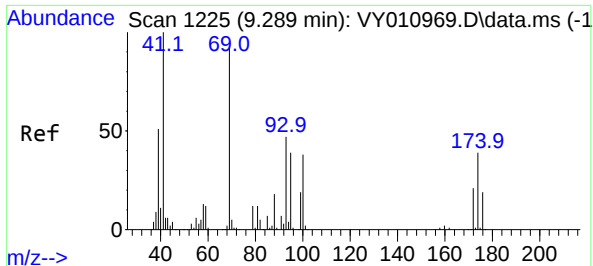
Tgt Ion: 93 Resp: 20879
Ion Ratio Lower Upper
93 100
95 0.0 64.3 96.5#
174 0.0 83.4 125.0#



#47
Bromodichloromethane
Concen: 173.313 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY011280.D
Acq: 03 Nov 2022 12:04

Tgt Ion: 83 Resp: 692270
Ion Ratio Lower Upper
83 100
85 64.7 51.9 77.9
127 9.1 6.6 10.0





#48

Methyl methacrylate

Concen: 46.414 ug/l

RT: 9.215 min Scan# 1

Delta R.T. -0.074 min

Lab File: VY011280.D

Acq: 03 Nov 2022 12:04

Instrument :

MSVOA_Y

ClientSampleId :

PT-VOA-SOIL

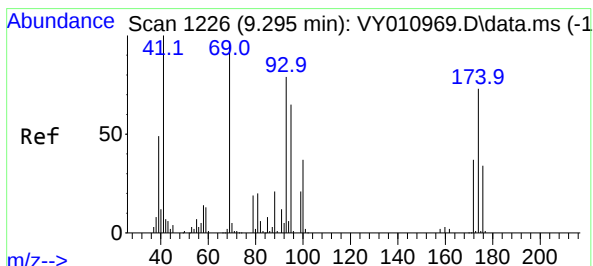
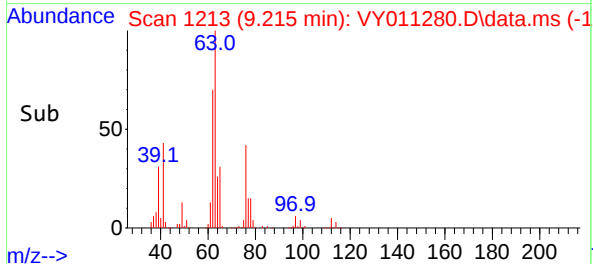
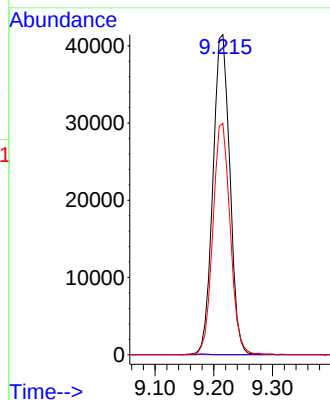
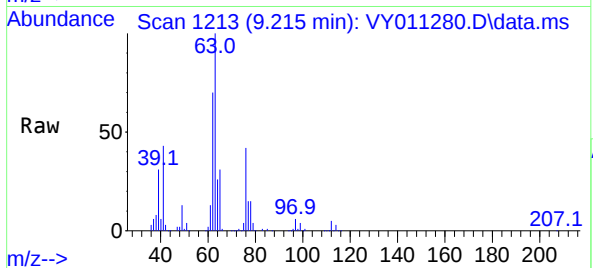
Tgt Ion: 41 Resp: 83104

Ion Ratio Lower Upper

41 100

69 0.0 58.2 87.2#

39 73.9 47.4 71.0#



#49

1,4-Dioxane

Concen: 40.674 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. 0.201 min

Lab File: VY011280.D

Acq: 03 Nov 2022 12:04

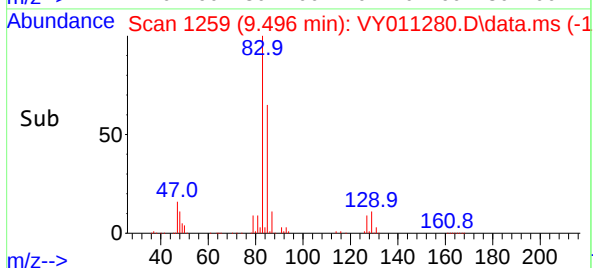
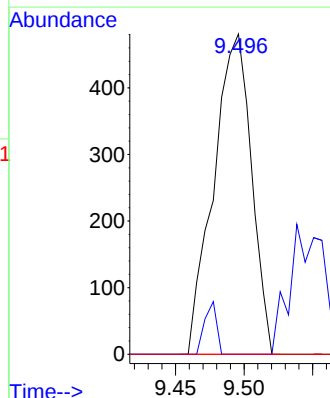
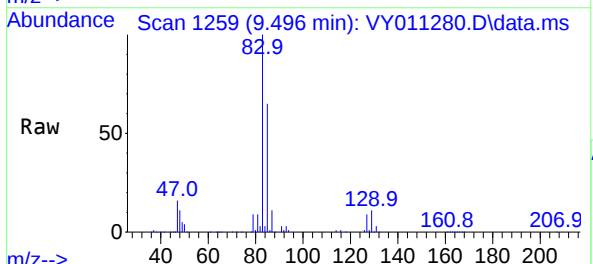
Tgt Ion: 88 Resp: 922

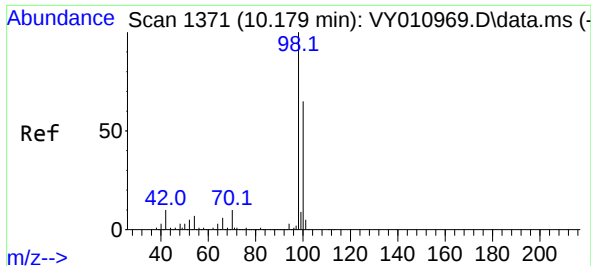
Ion Ratio Lower Upper

88 100

43 5.2 32.8 49.2#

58 0.0 59.8 89.6#

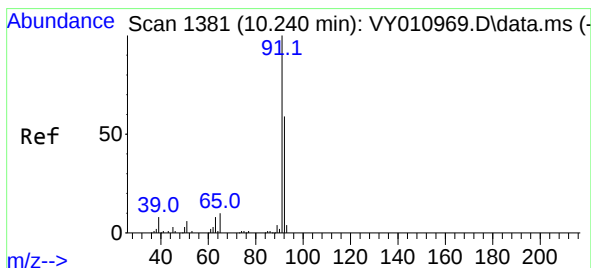
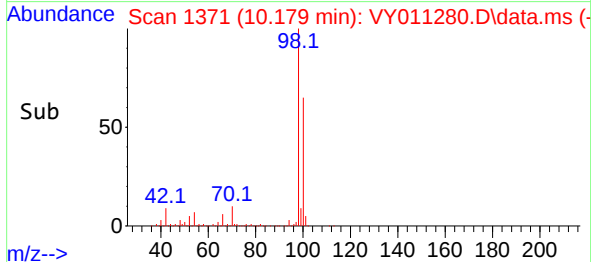
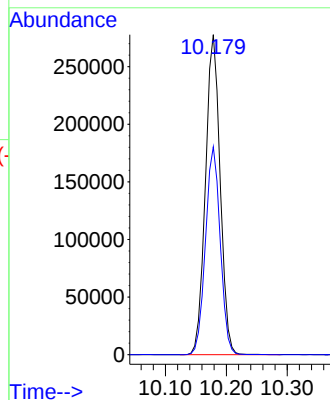
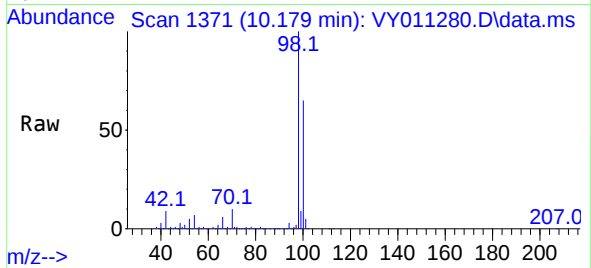




#50
Toluene-d8
Concen: 47.688 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011280.D
Acq: 03 Nov 2022 12:04

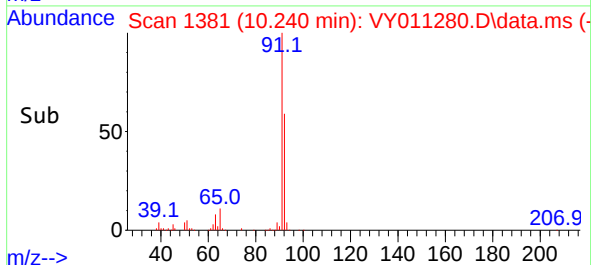
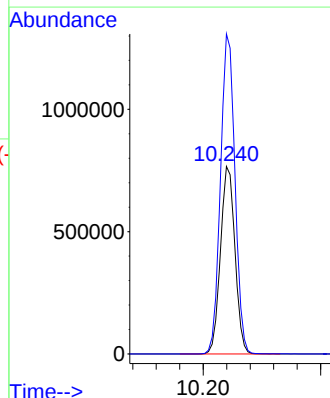
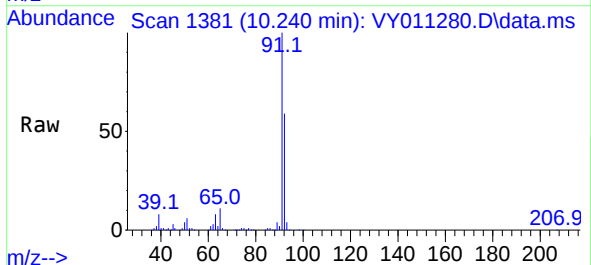
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOIL

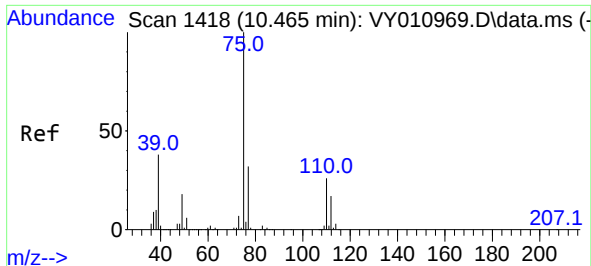
Tgt Ion: 98 Resp: 465351
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2



#52
Toluene
Concen: 175.053 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY011280.D
Acq: 03 Nov 2022 12:04

Tgt Ion: 92 Resp: 1309335
Ion Ratio Lower Upper
92 100
91 170.6 142.6 213.8

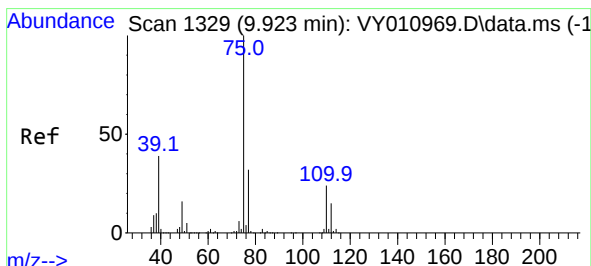
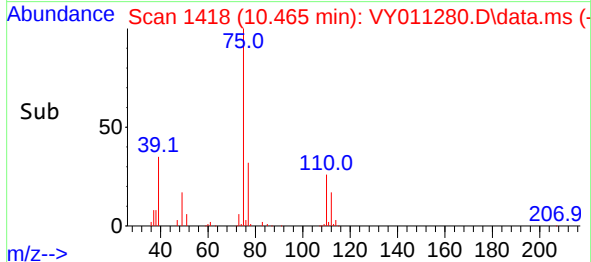
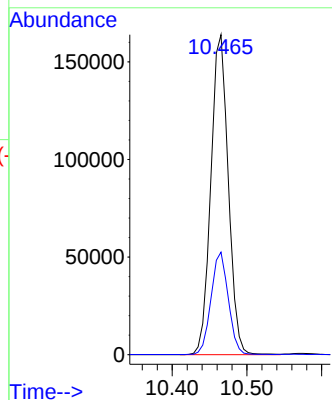
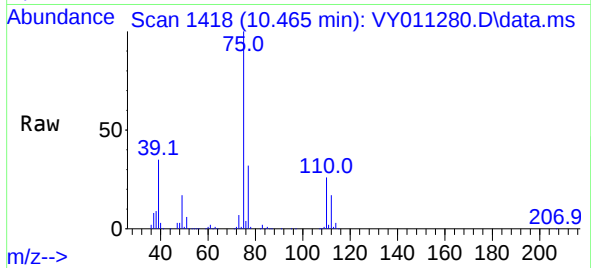




#53
 t-1,3-Dichloropropene
 Concen: 63.062 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY011280.D
 Acq: 03 Nov 2022 12:04

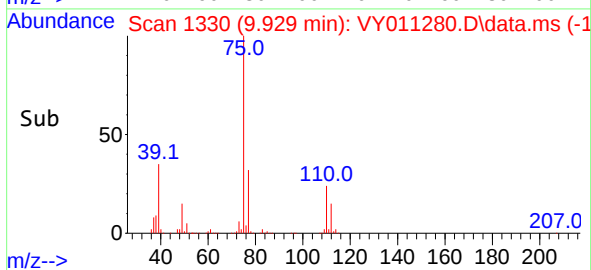
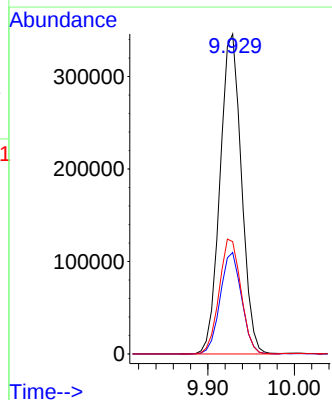
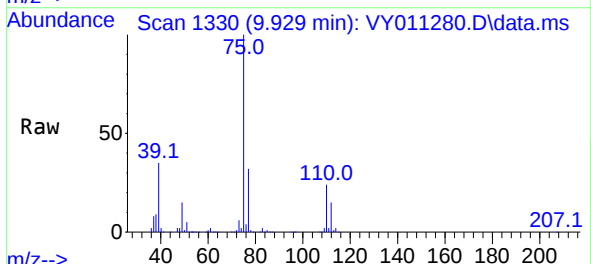
Instrument :
 MSVOA_Y
 ClientSampleId :
 PT-VOA-SOIL

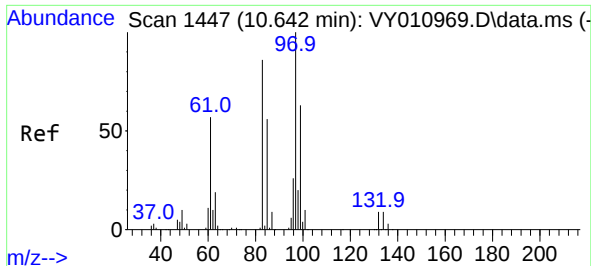
Tgt Ion: 75 Resp: 265280
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 123.655 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.006 min
 Lab File: VY011280.D
 Acq: 03 Nov 2022 12:04

Tgt Ion: 75 Resp: 595202
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.6 38.4
 39 35.1 47.6 71.4#



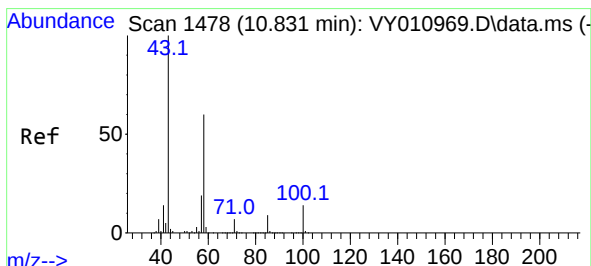
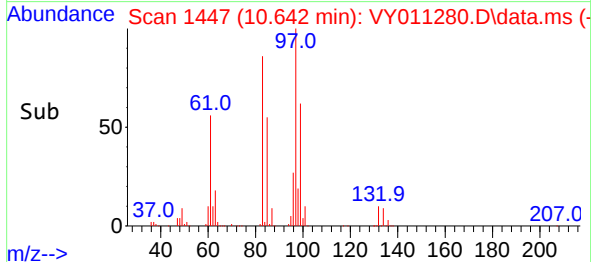
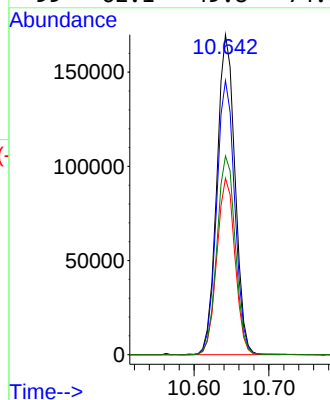
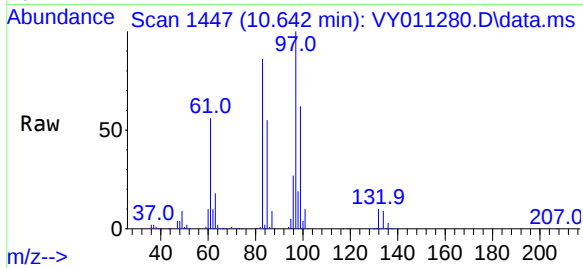


#55
1,1,2-Trichloroethane
Concen: 118.569 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY011280.D
Acq: 03 Nov 2022 12:04

Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOIL

Tgt Ion: 97 Resp: 286337

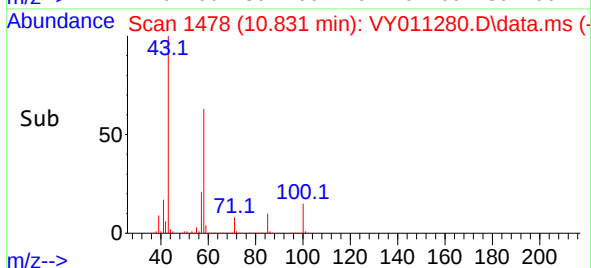
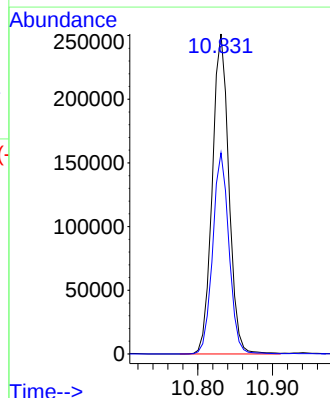
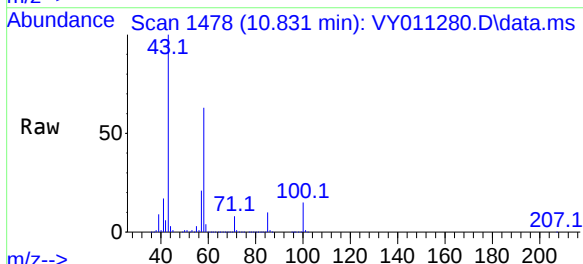
Ion	Ratio	Lower	Upper
97	100		
83	85.6	69.8	104.8
85	55.1	44.3	66.5
99	62.1	49.8	74.6

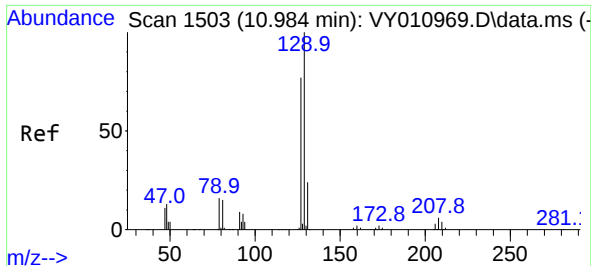


#59
2-Hexanone
Concen: 256.369 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY011280.D
Acq: 03 Nov 2022 12:04

Tgt Ion: 43 Resp: 387940

Ion	Ratio	Lower	Upper
43	100		
58	61.6	24.4	73.4

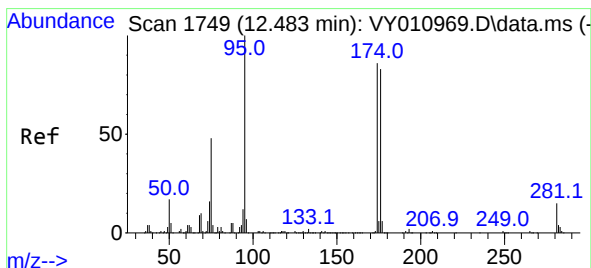
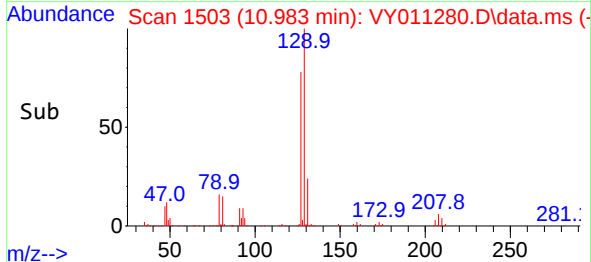
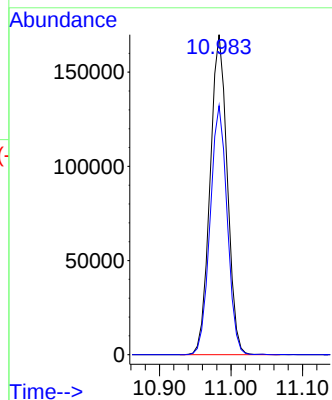
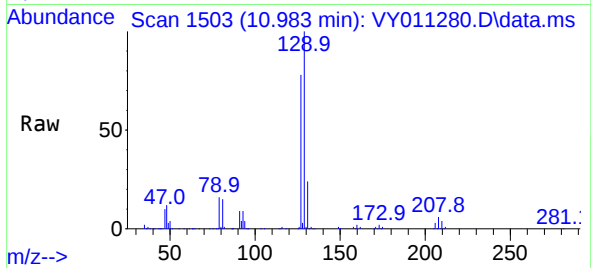




#60
Dibromochloromethane
Concen: 98.746 ug/l
RT: 10.983 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011280.D
Acq: 03 Nov 2022 12:04

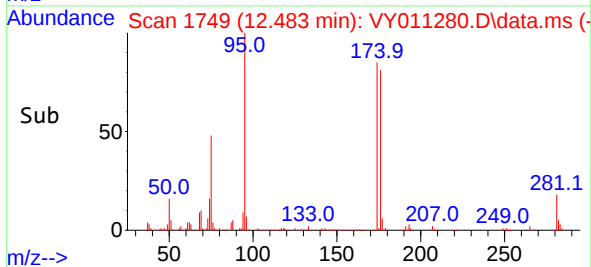
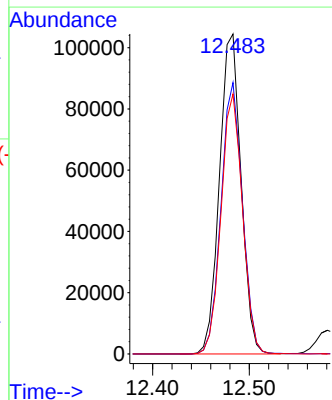
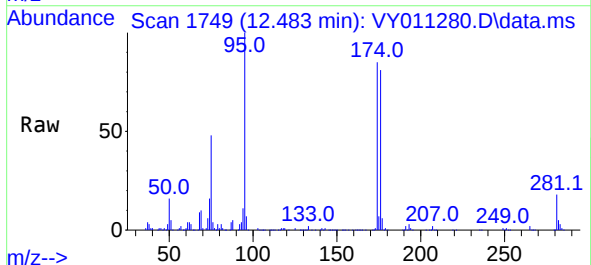
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOIL

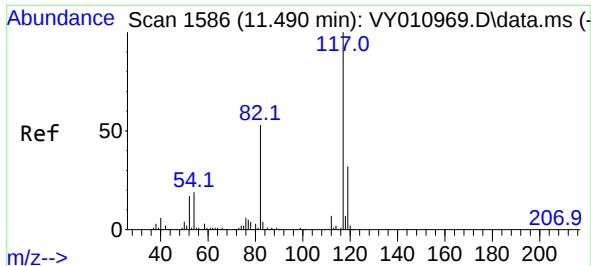
Tgt Ion:129 Resp: 283330
Ion Ratio Lower Upper
129 100
127 77.2 38.7 116.1



#62
4-Bromofluorobenzene
Concen: 47.729 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011280.D
Acq: 03 Nov 2022 12:04

Tgt Ion: 95 Resp: 161688
Ion Ratio Lower Upper
95 100
174 83.8 0.0 177.0
176 80.7 0.0 175.8

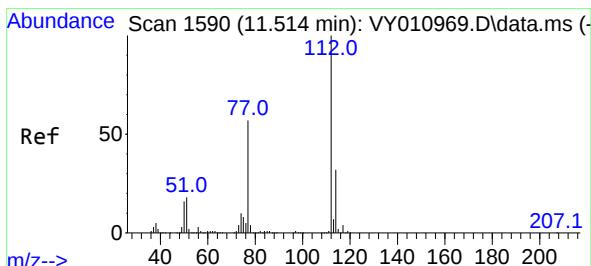
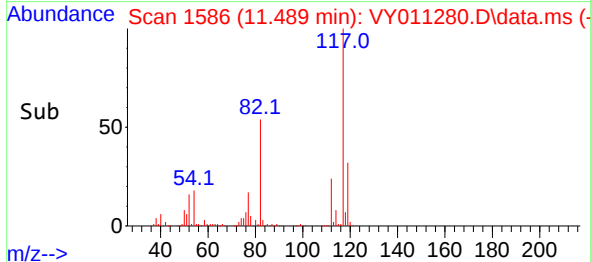
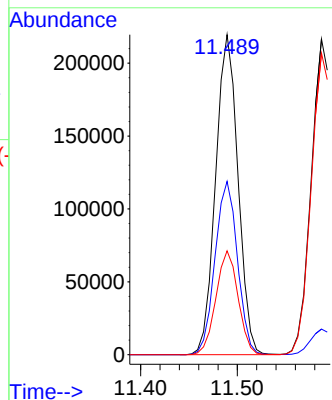
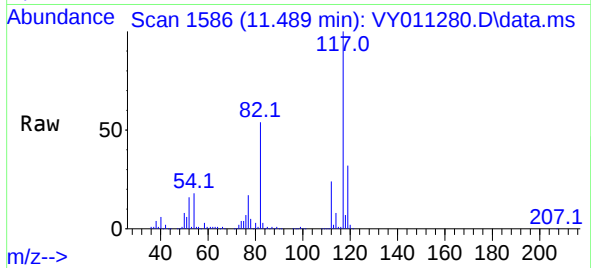




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1170
Delta R.T. -0.001 min
Lab File: VY011280.D
Acq: 03 Nov 2022 12:04

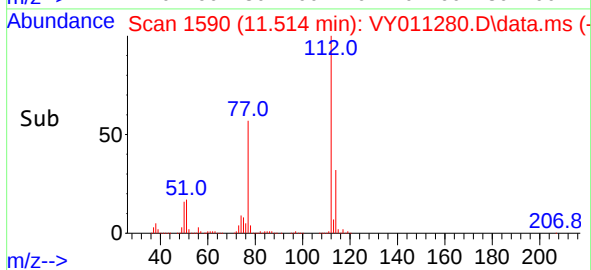
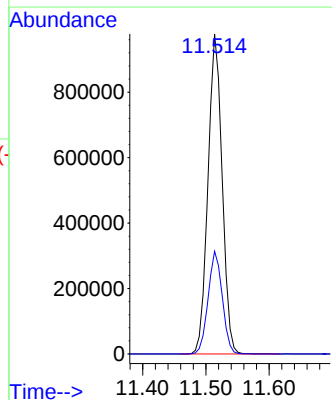
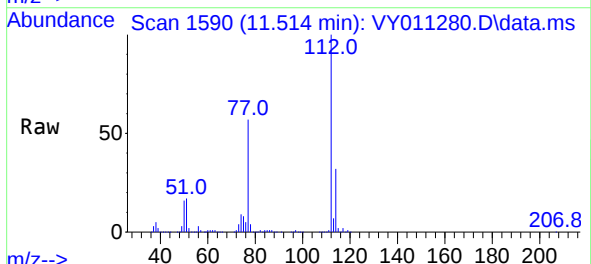
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOIL

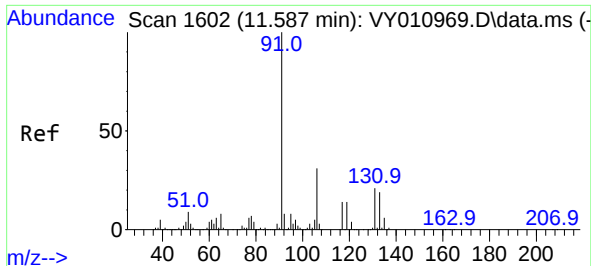
Tgt Ion:117 Resp: 352280
Ion Ratio Lower Upper
117 100
82 54.1 43.0 64.4
119 32.4 25.4 38.0



#65
Chlorobenzene
Concen: 195.763 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY011280.D
Acq: 03 Nov 2022 12:04

Tgt Ion:112 Resp: 1521484
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.6

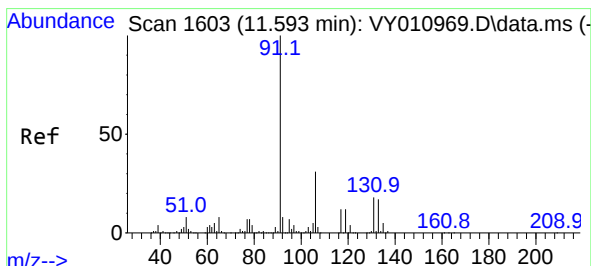
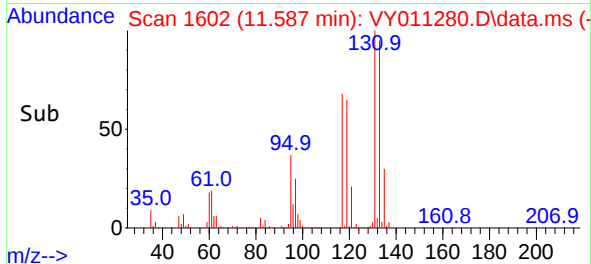
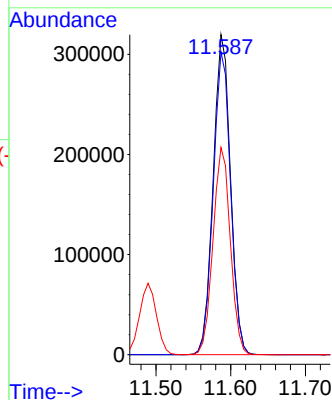
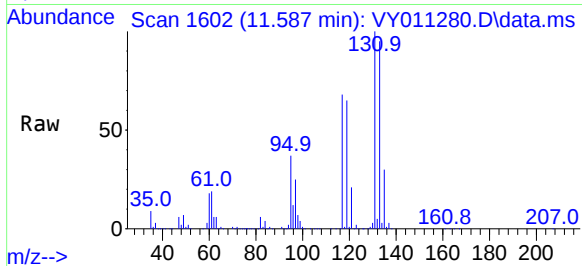




#66
1,1,1,2-Tetrachloroethane
Concen: 179.513 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY011280.D
Acq: 03 Nov 2022 12:04

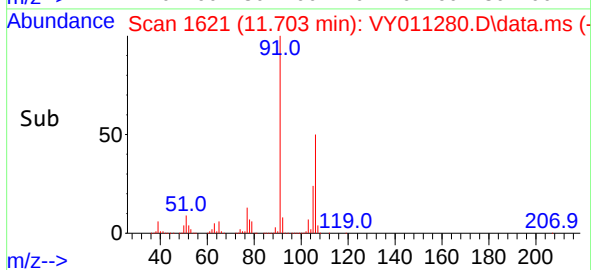
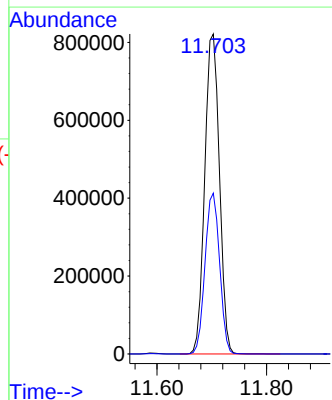
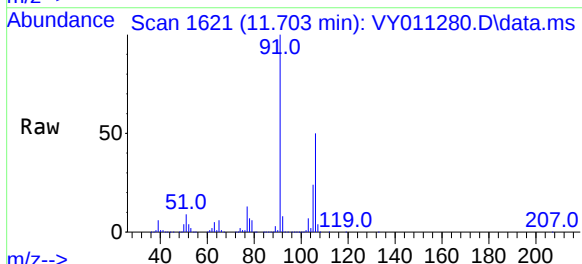
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOIL

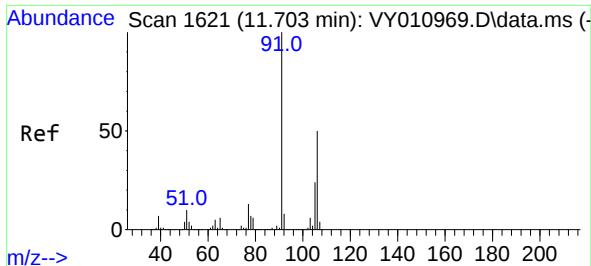
Tgt Ion:131 Resp: 513715
Ion Ratio Lower Upper
131 100
133 94.8 47.9 143.6
119 64.9 30.8 92.3



#67
Ethyl Benzene
Concen: 110.374 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.110 min
Lab File: VY011280.D
Acq: 03 Nov 2022 12:04

Tgt Ion: 91 Resp: 1521684
Ion Ratio Lower Upper
91 100
106 50.2 24.5 36.7#

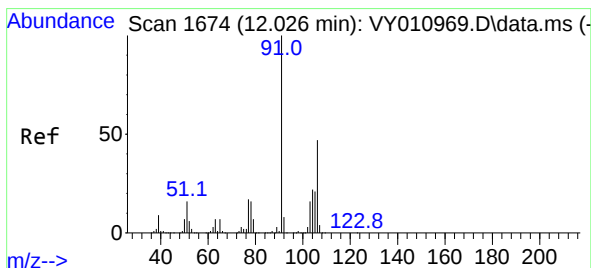
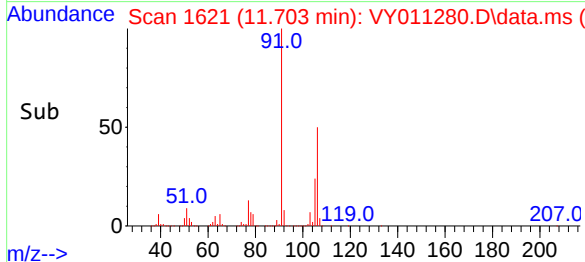
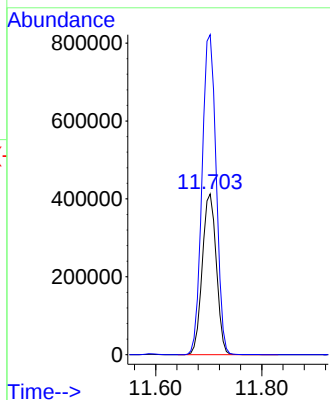
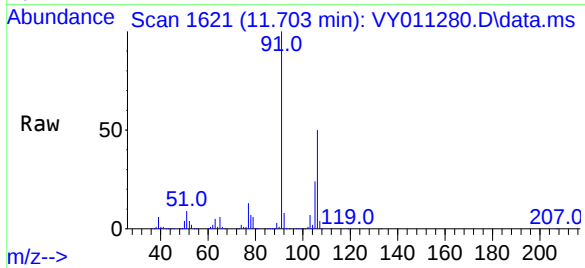




#68
m/p-Xylenes
Concen: 141.880 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY011280.D
Acq: 03 Nov 2022 12:04

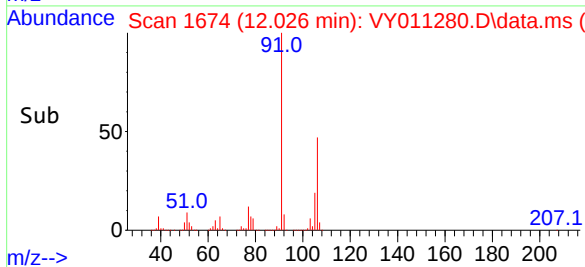
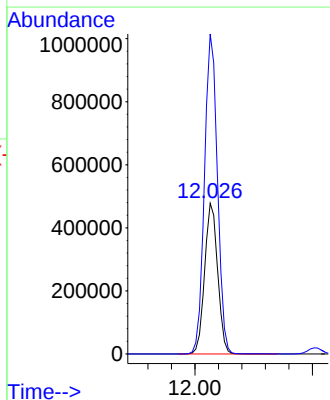
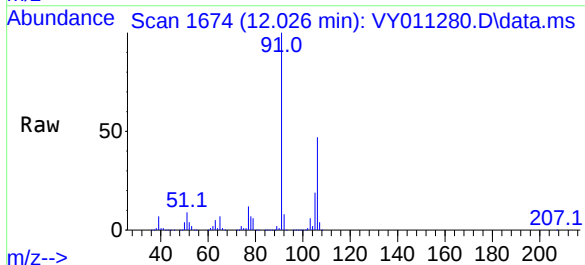
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOIL

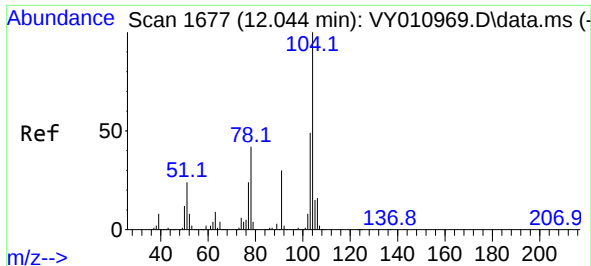
Tgt Ion:106 Resp: 759295
Ion Ratio Lower Upper
106 100
91 200.4 166.6 249.8



#69
o-Xylene
Concen: 146.363 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY011280.D
Acq: 03 Nov 2022 12:04

Tgt Ion:106 Resp: 734240
Ion Ratio Lower Upper
106 100
91 212.2 110.3 331.0

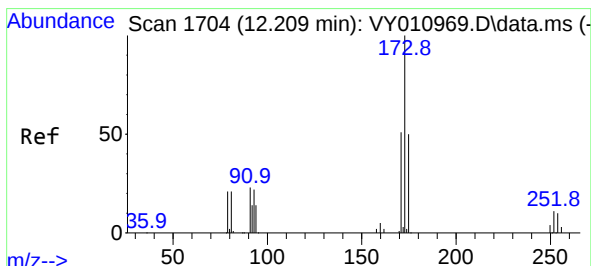
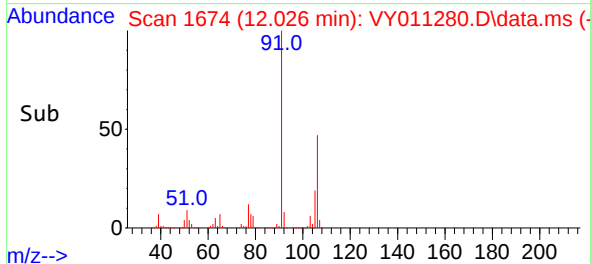
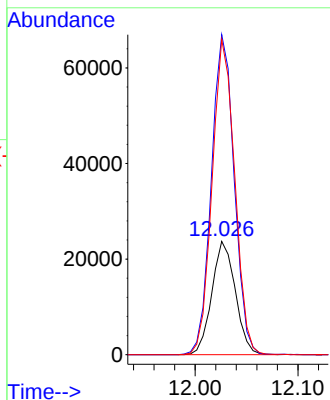
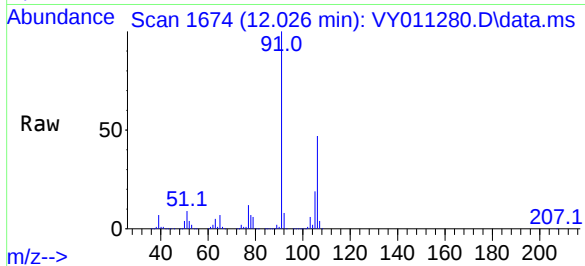




#70
Styrene
Concen: 4.424 ug/l
RT: 12.026 min Scan# 1
Delta R.T. -0.018 min
Lab File: VY011280.D
Acq: 03 Nov 2022 12:04

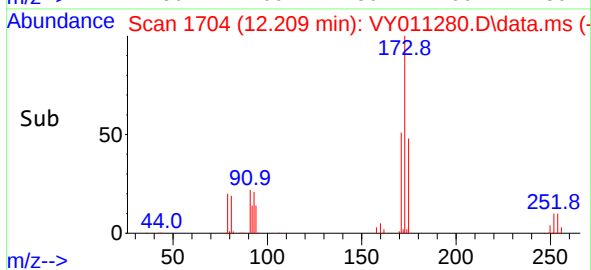
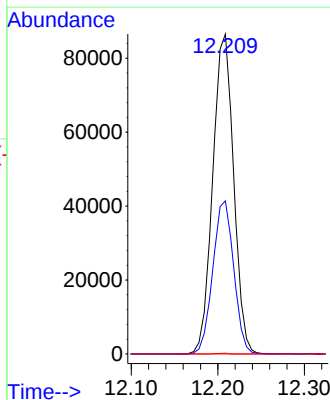
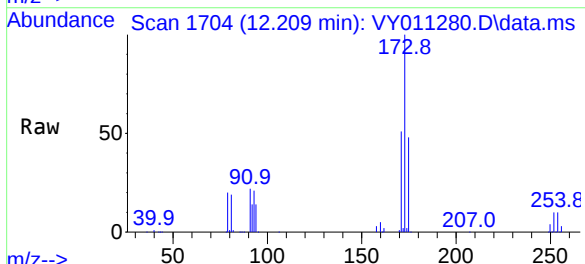
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOIL

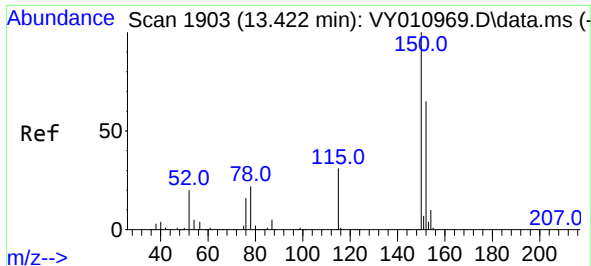
Tgt Ion:104 Resp: 37625
Ion Ratio Lower Upper
104 100
78 274.0 42.4 63.6#
103 267.5 44.4 66.6#



#71
Bromoform
Concen: 81.445 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY011280.D
Acq: 03 Nov 2022 12:04

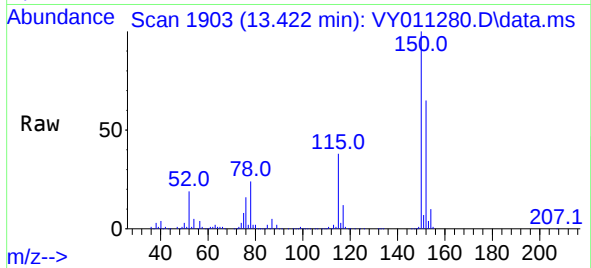
Tgt Ion:173 Resp: 144863
Ion Ratio Lower Upper
173 100
175 48.0 24.6 74.0
254 0.1 0.0 0.0#



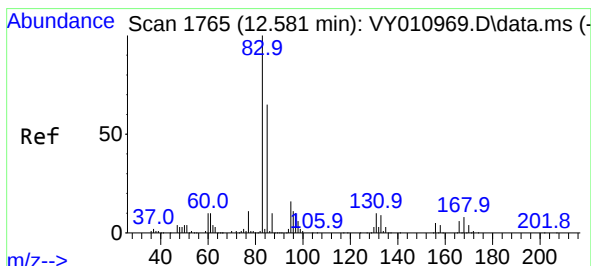
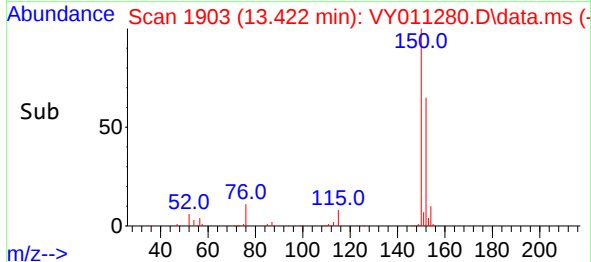
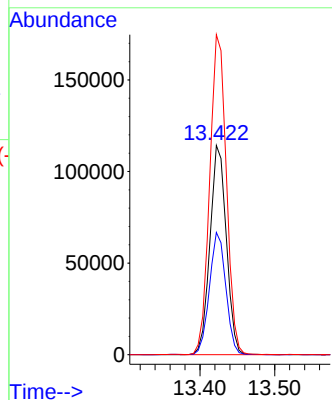


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY011280.D
Acq: 03 Nov 2022 12:04

Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOIL

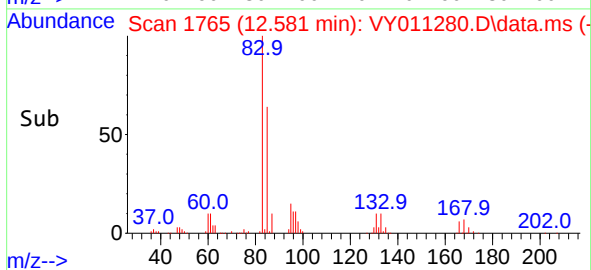
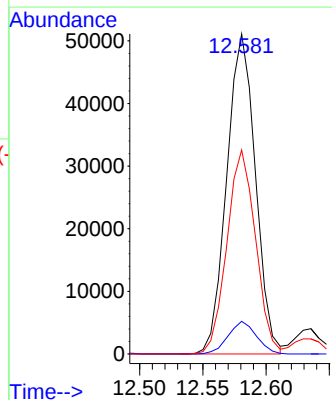
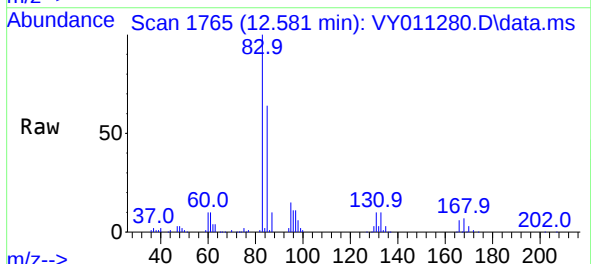


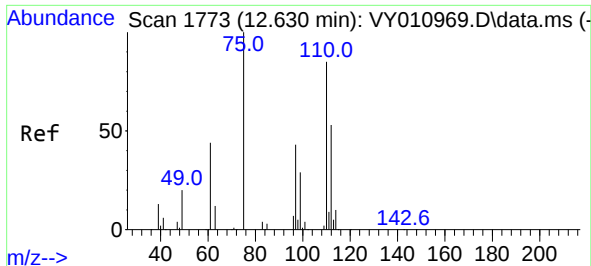
Tgt Ion:152 Resp: 173767
Ion Ratio Lower Upper
152 100
115 58.5 28.2 84.7
150 155.6 0.0 347.6



#75
1,1,2,2-Tetrachloroethane
Concen: 29.983 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY011280.D
Acq: 03 Nov 2022 12:04

Tgt Ion: 83 Resp: 80608
Ion Ratio Lower Upper
83 100
131 10.1 5.6 16.8
85 63.5 32.3 96.8

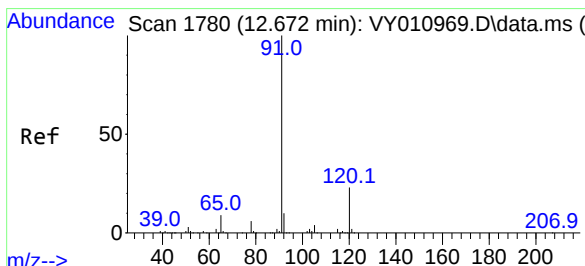
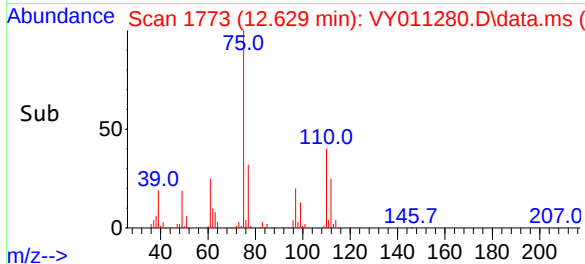
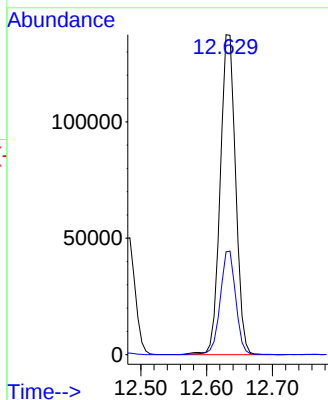
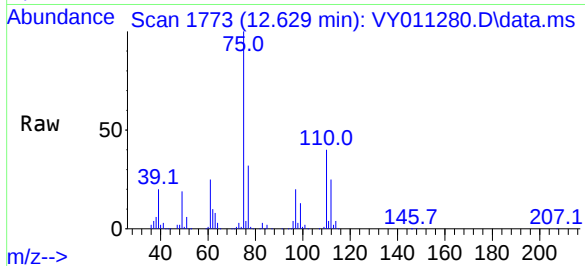




#76
1,2,3-Trichloropropane
Concen: 106.000 ug/l
RT: 12.629 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011280.D
Acq: 03 Nov 2022 12:04

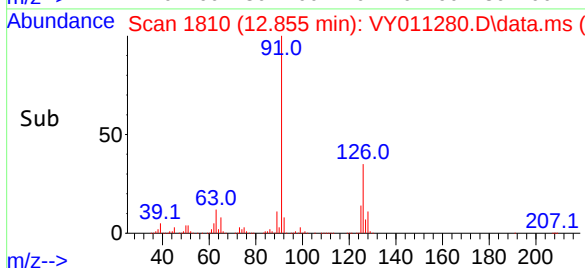
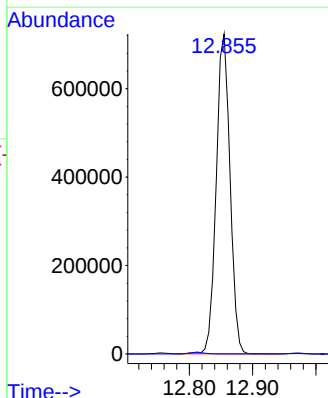
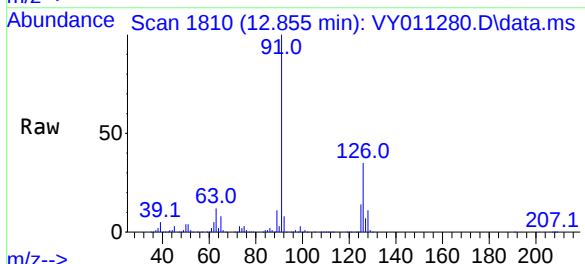
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOIL

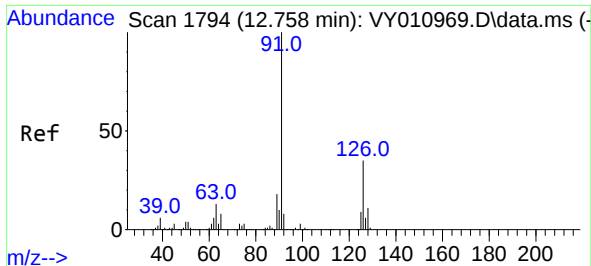
Tgt Ion: 75 Resp: 224240
Ion Ratio Lower Upper
75 100
77 32.7 0.0 0.0#



#78
n-propylbenzene
Concen: 68.545 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.183 min
Lab File: VY011280.D
Acq: 03 Nov 2022 12:04

Tgt Ion: 91 Resp: 1089695
Ion Ratio Lower Upper
91 100
120 0.0 11.3 33.9#

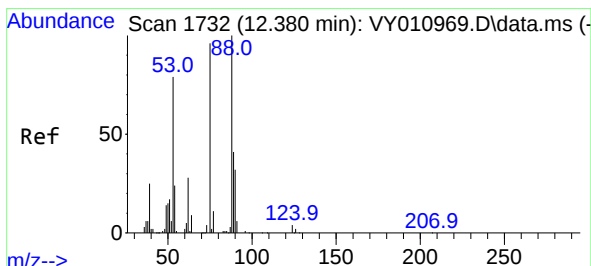
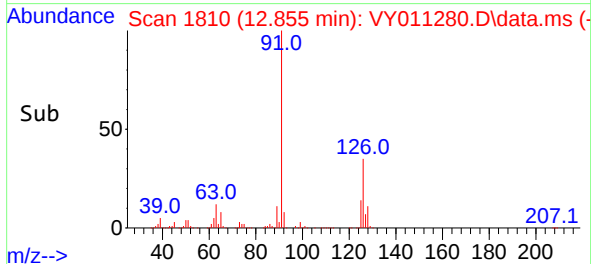
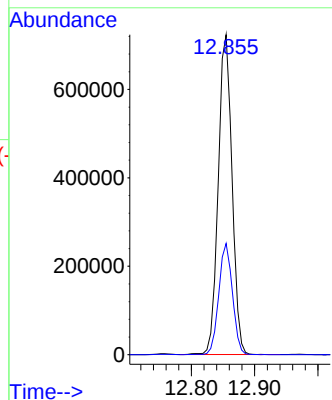
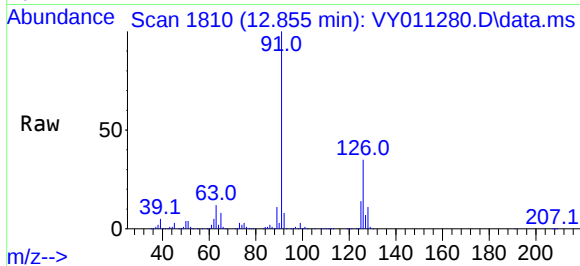




#79
2-Chlorotoluene
Concen: 119.631 ug/l
RT: 12.855 min Scan# 1794
Delta R.T. 0.097 min
Lab File: VY011280.D
Acq: 03 Nov 2022 12:04

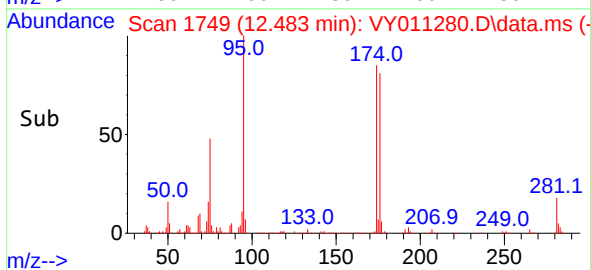
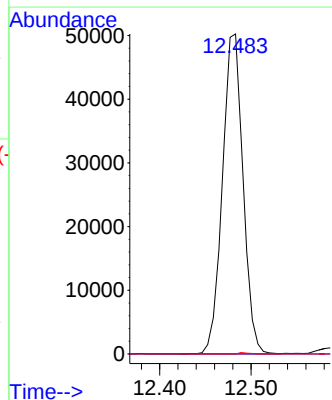
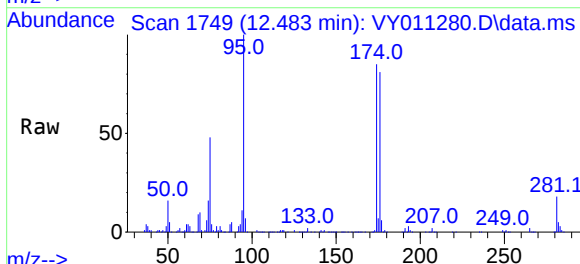
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOIL

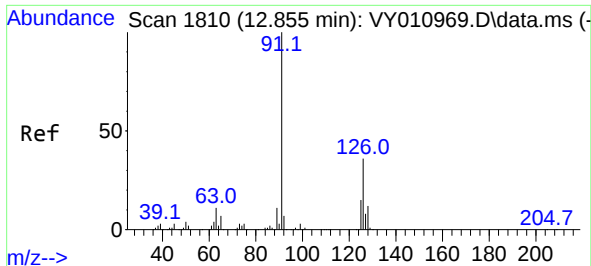
Tgt Ion: 91 Resp: 1089695
Ion Ratio Lower Upper
91 100
126 34.5 16.9 50.6



#81
trans-1,4-Dichloro-2-butene
Concen: 79.722 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY011280.D
Acq: 03 Nov 2022 12:04

Tgt Ion: 75 Resp: 78803
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.2 37.0 55.4#

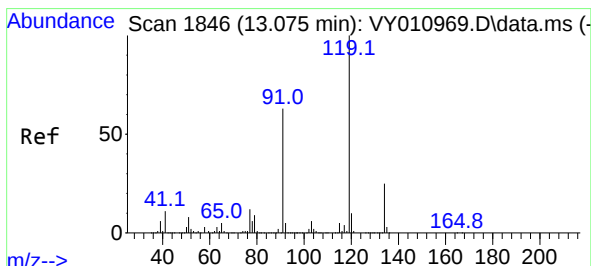
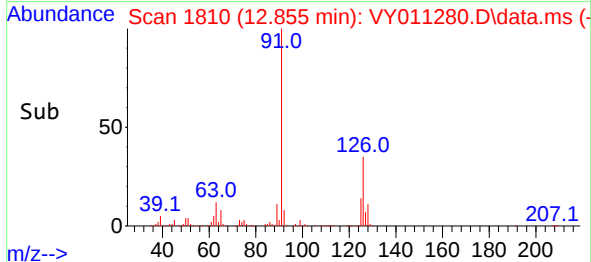
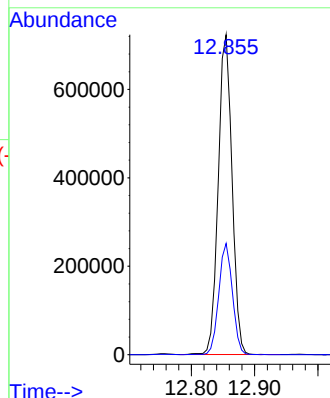
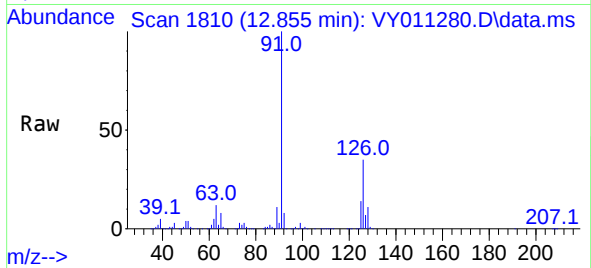




#82
4-Chlorotoluene
Concen: 116.087 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY011280.D
Acq: 03 Nov 2022 12:04

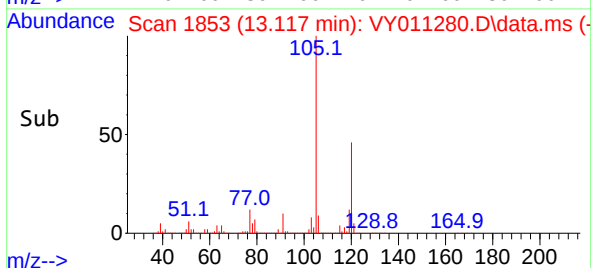
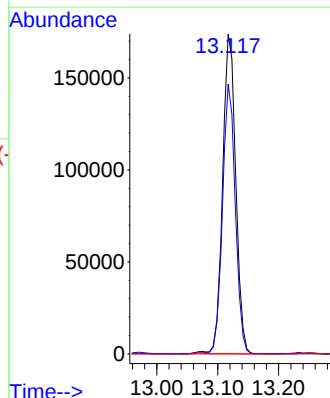
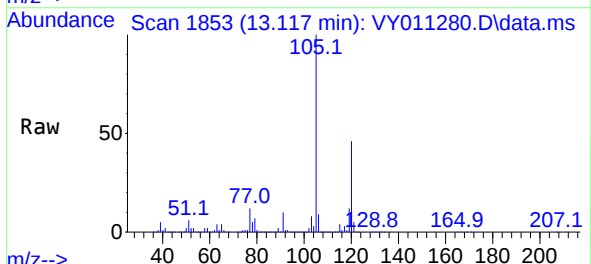
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOIL

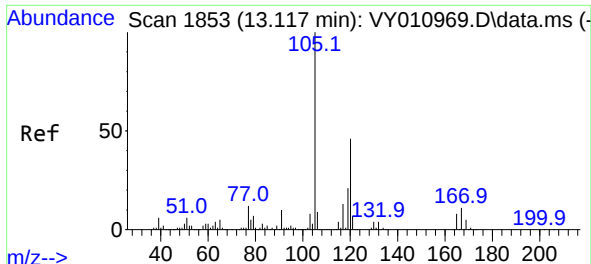
Tgt Ion: 91 Resp: 1089695
Ion Ratio Lower Upper
91 100
126 34.5 17.0 51.0



#83
tert-Butylbenzene
Concen: 27.535 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.042 min
Lab File: VY011280.D
Acq: 03 Nov 2022 12:04

Tgt Ion: 119 Resp: 260838
Ion Ratio Lower Upper
119 100
91 82.7 34.8 104.4
134 0.1 13.3 39.9#

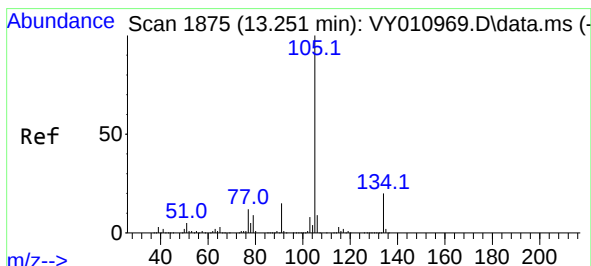
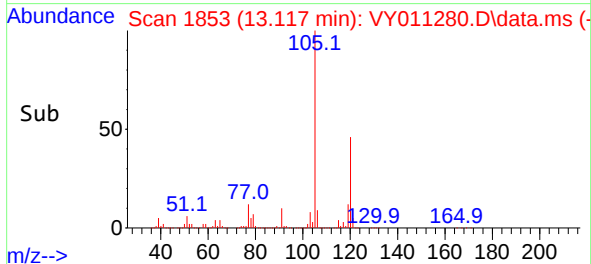
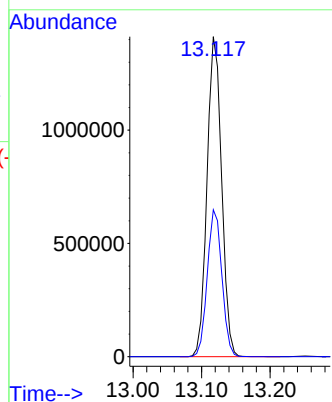
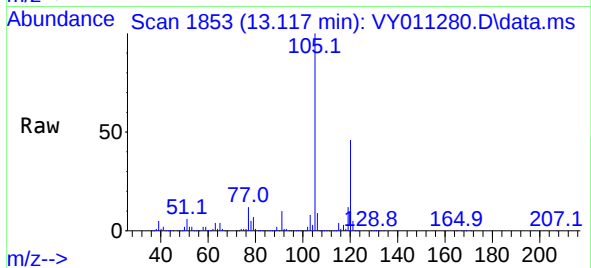




#84
1,2,4-Trimethylbenzene
Concen: 192.458 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY011280.D
Acq: 03 Nov 2022 12:04

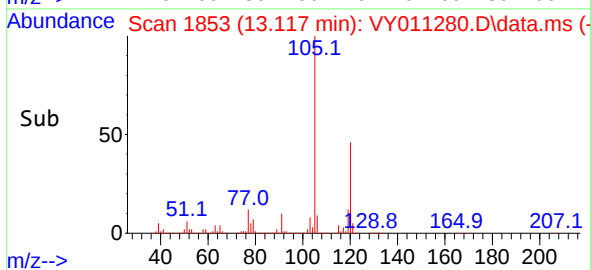
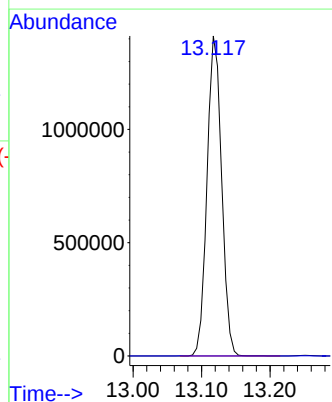
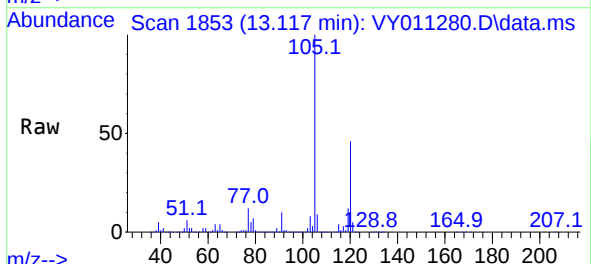
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOIL

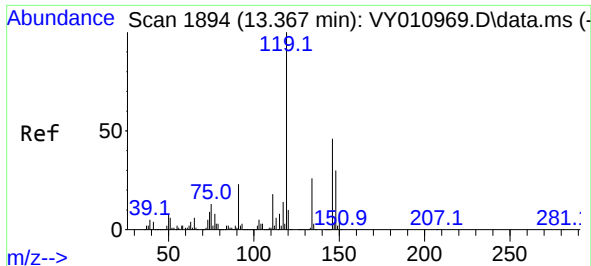
Tgt Ion:105 Resp: 2092630
Ion Ratio Lower Upper
105 100
120 46.0 22.3 66.9



#85
sec-Butylbenzene
Concen: 148.995 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.134 min
Lab File: VY011280.D
Acq: 03 Nov 2022 12:04

Tgt Ion:105 Resp: 2092630
Ion Ratio Lower Upper
105 100
134 0.0 10.2 30.4#

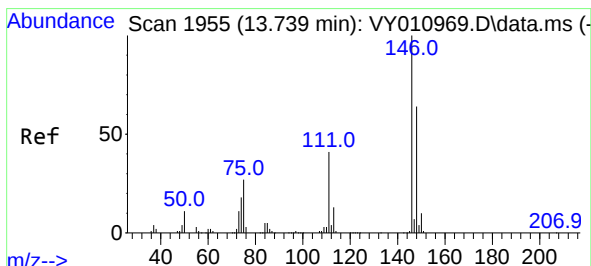
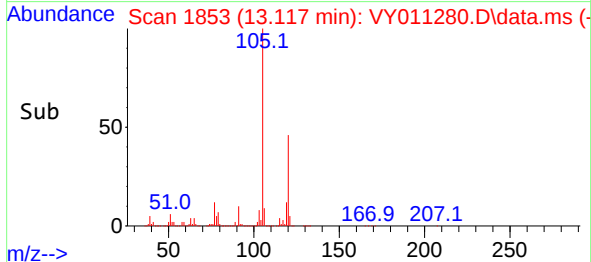
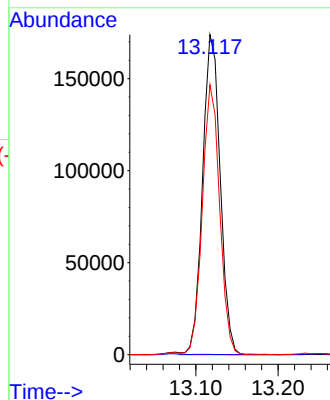
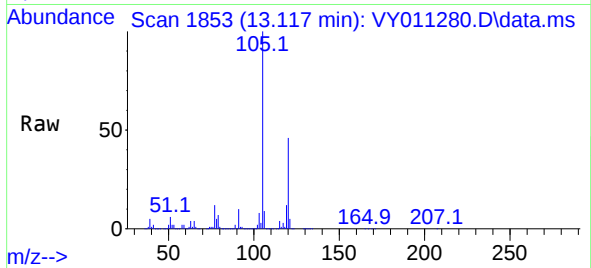




#86
p-Isopropyltoluene
Concen: 22.135 ug/l
RT: 13.117 min Scan# 119
Delta R.T. -0.250 min
Lab File: VY011280.D
Acq: 03 Nov 2022 12:04

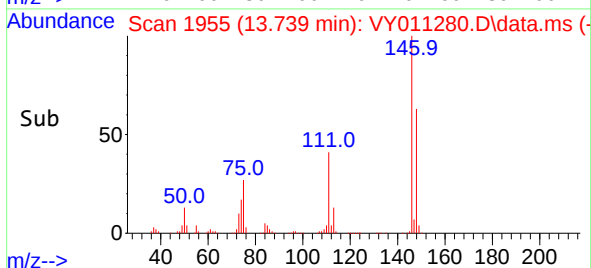
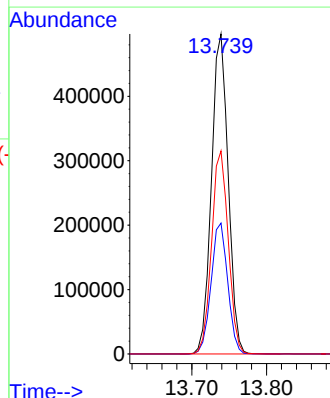
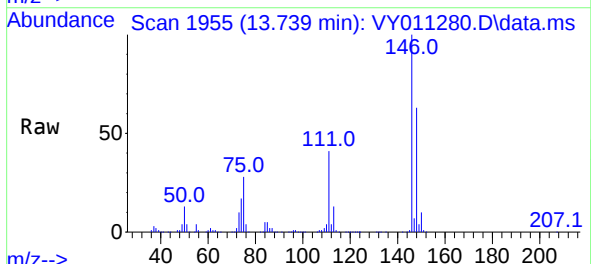
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MSVOA_Y
ClientSampleId :
PT-VOA-SOIL

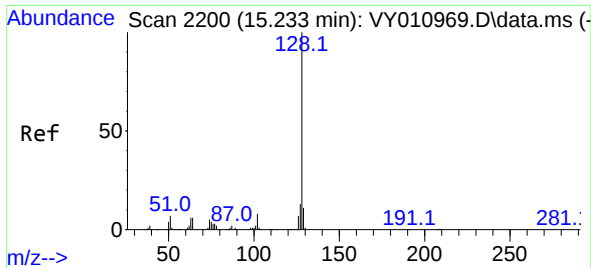
Tgt Ion:119 Resp: 259131
Ion Ratio Lower Upper
119 100
134 0.1 13.2 39.5#
91 82.5 12.4 37.2#



#91
1,2-Dichlorobenzene
Concen: 140.727 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY011280.D
Acq: 03 Nov 2022 12:04

Tgt Ion:146 Resp: 770276
Ion Ratio Lower Upper
146 100
111 40.8 20.3 60.9
148 63.5 32.3 96.9





#95
Naphthalene
Concen: 118.314 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY011280.D
Acq: 03 Nov 2022 12:04

Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOIL

Tgt Ion:128 Resp: 960757
Ion Ratio Lower Upper
128 100
127 12.5 11.0 16.4
129 10.9 8.4 12.6

