

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052322\
 Data File : VD073282.D
 Acq On : 23 May 2022 14:48
 Operator : VA/SY
 Sample : N2656-24
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PT-VOA-SOIL

Quant Time: May 24 03:26:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	352441	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	606406	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	568613	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	277926	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	191258	49.104	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.200%		
35) Dibromofluoromethane	7.903	113	195047	48.744	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.480%		
50) Toluene-d8	10.332	98	721193	48.893	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.780%		
62) 4-Bromofluorobenzene	12.620	95	250511	48.394	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	96.780%		
Target Compounds						Qvalue
5) Bromomethane	2.762	94	1370	Below Cal		83
11) Tert butyl alcohol	5.179	59	27622	45.709	ug/l #	74
15) Acrylonitrile	5.473	53	9367	11.578	ug/l #	26
16) Acetone	4.150	43	493338	731.251	ug/l	90
19) Methyl tert-butyl Ether	5.473	73	819931	101.614	ug/l	100
20) Methylene Chloride	4.950	84	21264	1.061	ug/l	87
21) trans-1,2-Dichloroethene	5.467	96	244345	57.056	ug/l	90
24) 1,1-Dichloroethane	6.256	63	469694	61.055	ug/l	99
25) 2-Butanone	7.203	43	459228	465.259	ug/l	92
27) cis-1,2-Dichloroethene	7.203	96	416077	87.805	ug/l	82
28) Bromochloromethane	7.703	49	79257	29.905	ug/l #	19
30) Chloroform	7.703	83	1056509	131.547	ug/l	97
31) Cyclohexane	7.973	56	8049	1.183	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	28612	4.754	ug/l #	52
37) Ethyl Acetate	7.203	43	459228	193.186	ug/l #	1
38) Carbon Tetrachloride	8.091	117	1192106	195.413	ug/l	99
40) Benzene	8.344	78	1432969	82.619	ug/l	99
42) 1,2-Dichloroethane	8.414	62	346833	71.867	ug/l	95
44) Trichloroethene	9.108	130	926083	200.228	ug/l	92
45) 1,2-Dichloropropane	9.379	63	729187	166.939	ug/l	95
48) Methyl methacrylate	9.379	41	396083	179.176	ug/l #	38
52) Toluene	10.397	92	1148955	104.830	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	712233	128.436	ug/l	97
54) cis-1,3-Dichloropropene	10.079	75	488953	73.681	ug/l	91
57) 1,3-Dichloropropane	10.938	76	954683	175.390	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	265	21.762	ug/l #	48
59) 2-Hexanone	10.973	43	407932	271.136	ug/l	91
60) Dibromochloromethane	11.132	129	282245	69.775	ug/l	99
64) Tetrachloroethene	10.867	164	597113	160.330	ug/l	96
65) Chlorobenzene	11.661	112	1618246	138.727	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	398397	92.090	ug/l	99
67) Ethyl Benzene	11.844	91	3087278	150.765	ug/l #	62
68) m/p-Xylenes	11.844	106	1535236	192.971	ug/l	98
69) o-Xylene	12.167	106	1451662	198.624	ug/l	95
70) Styrene	12.167	104	74798	5.949	ug/l #	1
71) Bromoform	12.349	173	83987	37.721	ug/l #	99

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 Response via : Initial Calibration

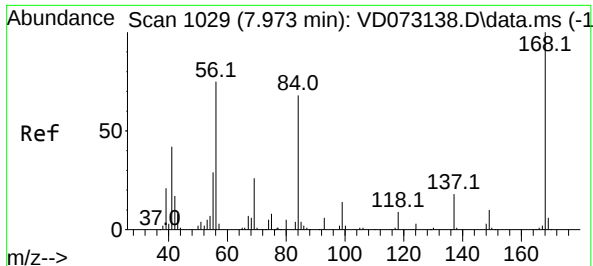
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

75) 1,1,2,2-Tetrachloroethane	12.714	83	295080	80.752	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	255327	93.631	ug/l #	100
78) n-propylbenzene	12.896	91	2254226	90.626	ug/l #	54
79) 2-Chlorotoluene	12.896	91	2254226	156.959	ug/l	98
80) 1,3,5-Trimethylbenzene	12.943	105	2325820	138.575	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.620	75	125963	110.893	ug/l #	7
82) 4-Chlorotoluene	12.896	91	2254226	149.747	ug/l	99
83) tert-Butylbenzene	12.949	119	286106	20.226	ug/l #	77
84) 1,2,4-Trimethylbenzene	13.502	105	49191	2.967	ug/l #	1
85) sec-Butylbenzene	13.502	105	49192	2.278	ug/l #	1
86) p-Isopropyltoluene	13.502	119	1325126	75.264	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	921885	98.062	ug/l	100
88) 1,4-Dichlorobenzene	13.502	146	921885	97.144	ug/l	100
91) 1,2-Dichlorobenzene	13.873	146	1372888	168.783	ug/l	99
93) 1,2,4-Trichlorobenzene	15.143	180	321093	69.532	ug/l	99
95) Naphthalene	15.379	128	1704572	177.686	ug/l	99

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

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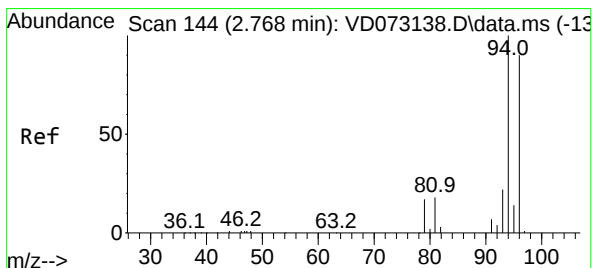
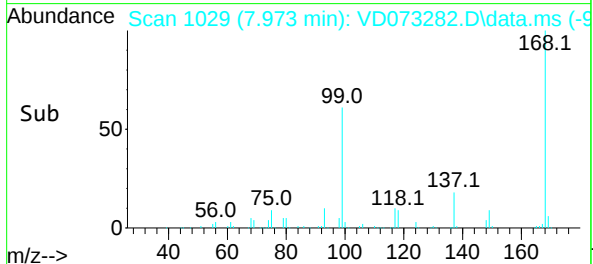
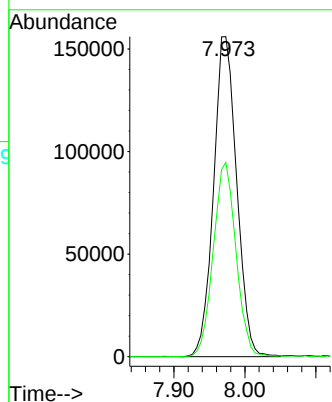
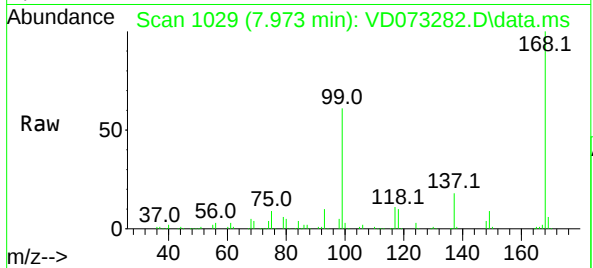




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073282.D
Acq: 23 May 2022 14:48

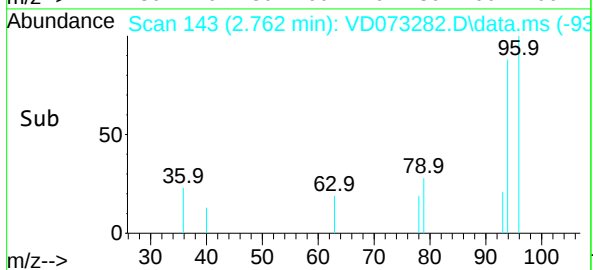
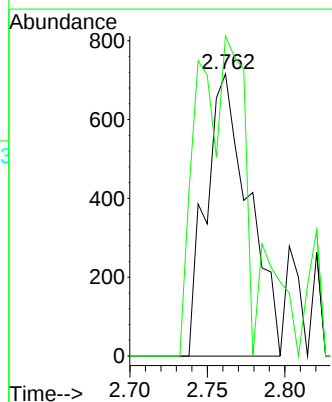
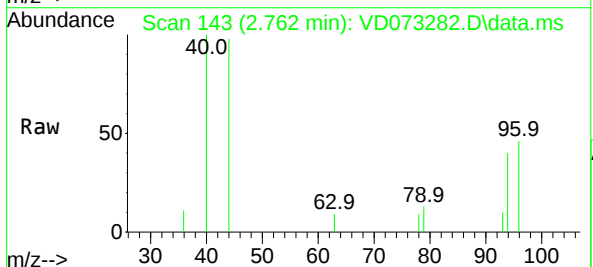
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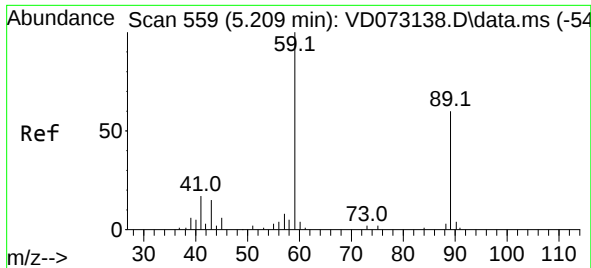
Tgt Ion:168 Resp: 352441
Ion Ratio Lower Upper
168 100
99 60.7 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.762 min Scan# 143
Delta R.T. -0.006 min
Lab File: VD073282.D
Acq: 23 May 2022 14:48

Tgt Ion: 94 Resp: 1370
Ion Ratio Lower Upper
94 100
96 113.4 77.6 116.4

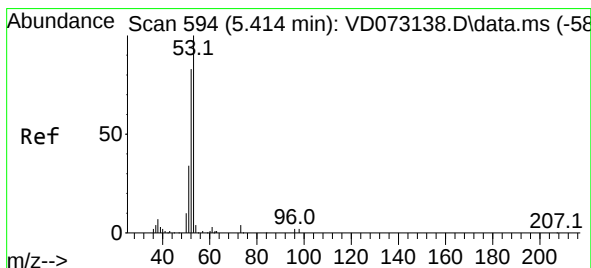
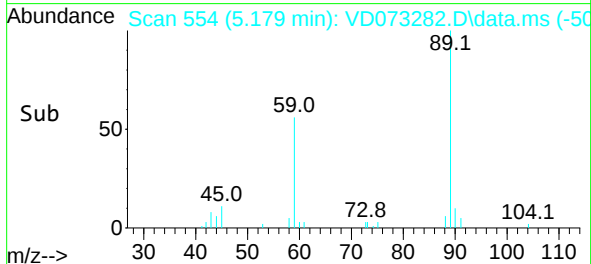
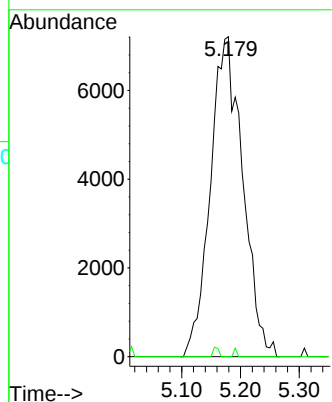
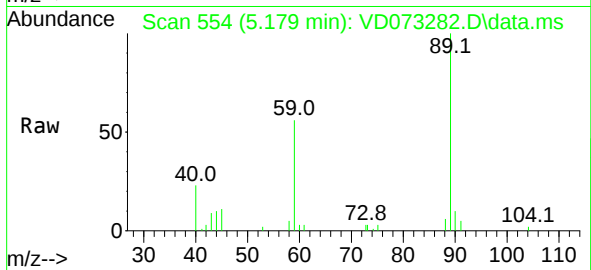




#11
Tert butyl alcohol
Concen: 45.709 ug/l
RT: 5.179 min Scan# 511
Delta R.T. -0.030 min
Lab File: VD073282.D
Acq: 23 May 2022 14:48

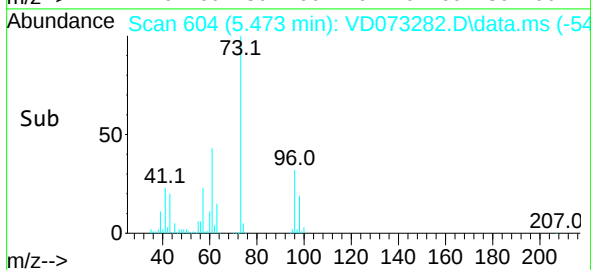
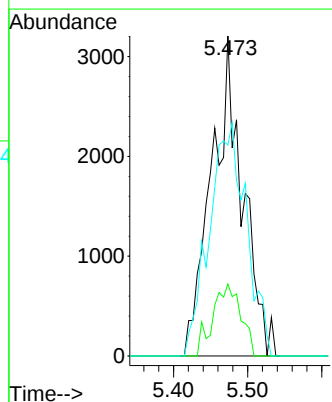
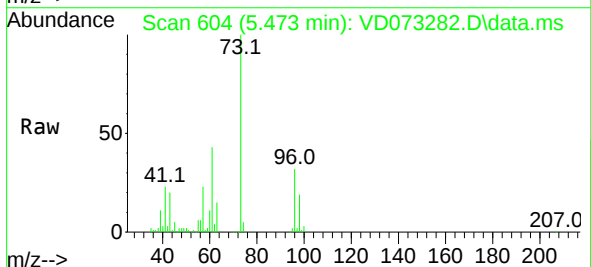
Instrument :
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PT-VOA-SOIL

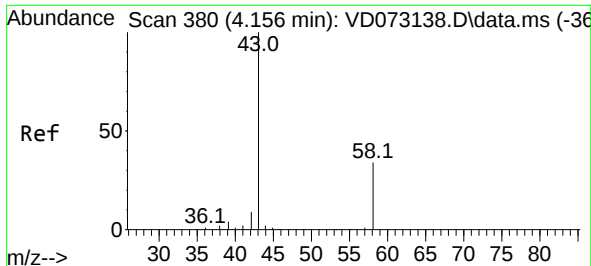
Tgt Ion: 59 Resp: 27622
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#15
Acrylonitrile
Concen: 11.578 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.059 min
Lab File: VD073282.D
Acq: 23 May 2022 14:48

Tgt Ion: 53 Resp: 9367
Ion Ratio Lower Upper
53 100
52 20.1 67.2 100.8#
51 86.7 30.3 45.5#

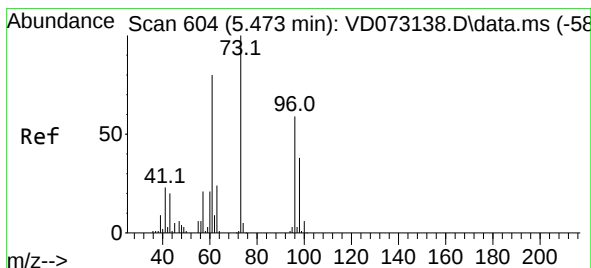
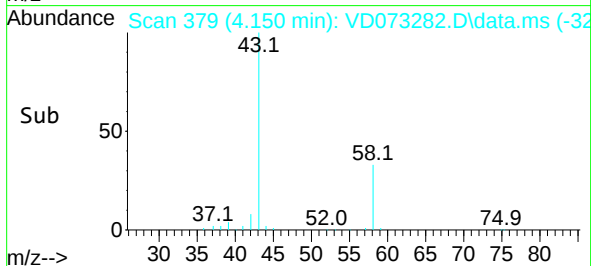
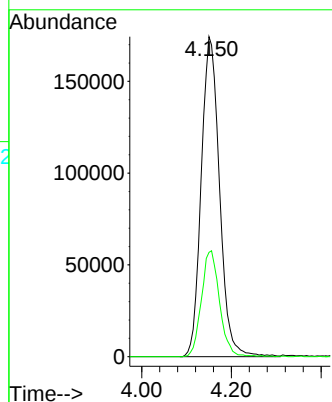
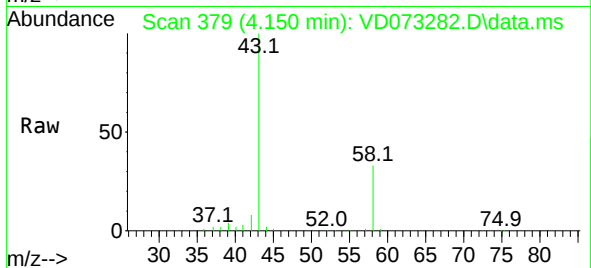




#16
Acetone
Concen: 731.251 ug/l
RT: 4.150 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD073282.D
Acq: 23 May 2022 14:48

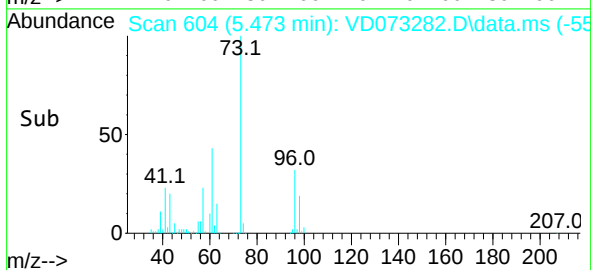
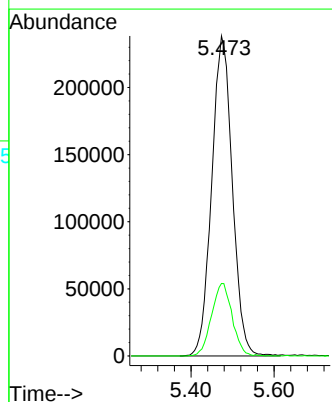
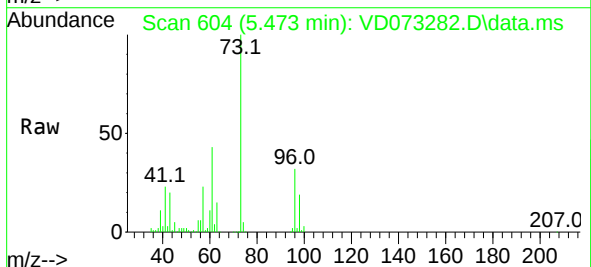
Instrument :
MSVOA_D
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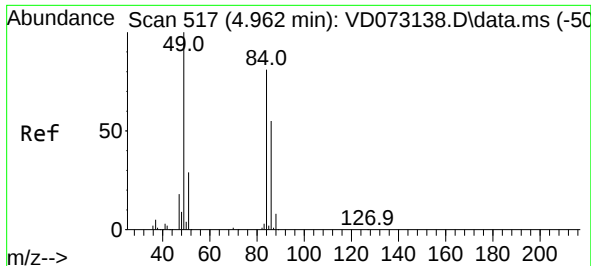
Tgt Ion: 43 Resp: 493338
Ion Ratio Lower Upper
43 100
58 32.6 22.1 33.1



#19
Methyl tert-butyl Ether
Concen: 101.614 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD073282.D
Acq: 23 May 2022 14:48

Tgt Ion: 73 Resp: 819931
Ion Ratio Lower Upper
73 100
57 22.6 18.0 27.0

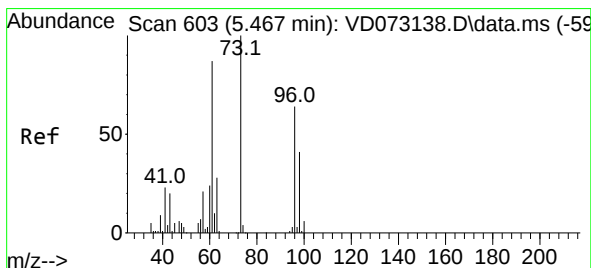
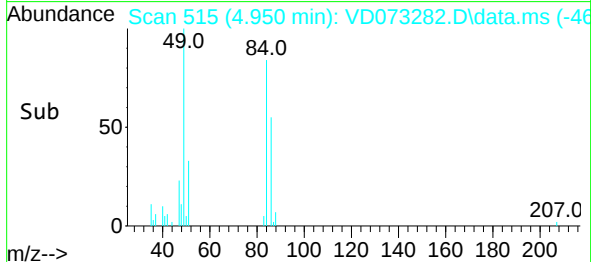
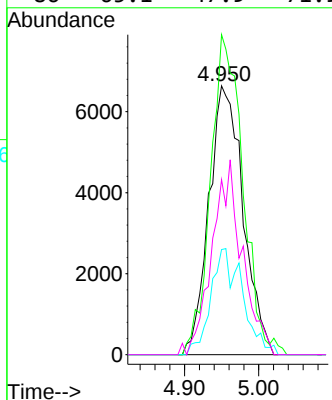
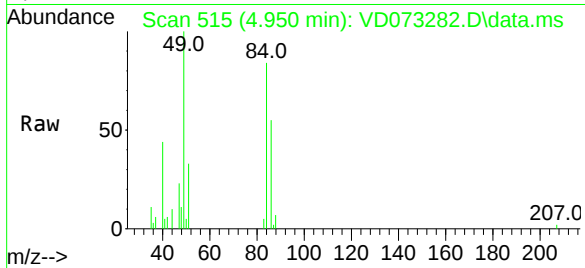




#20
Methylene Chloride
Concen: 1.061 ug/l
RT: 4.950 min Scan# 517
Delta R.T. -0.012 min
Lab File: VD073282.D
Acq: 23 May 2022 14:48

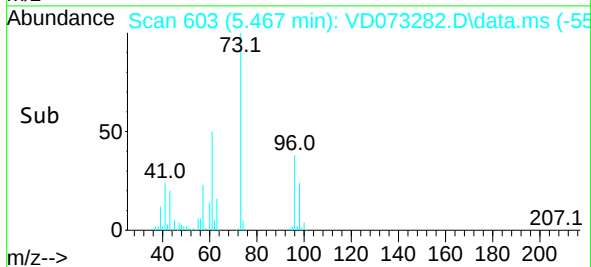
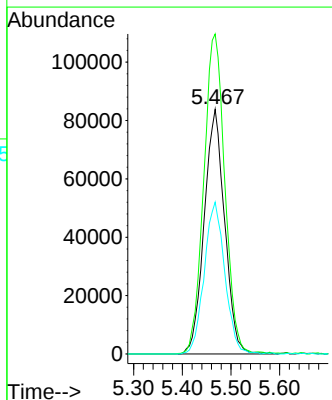
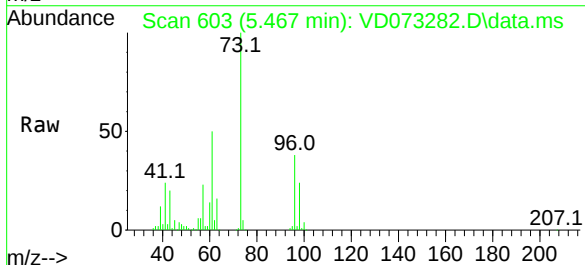
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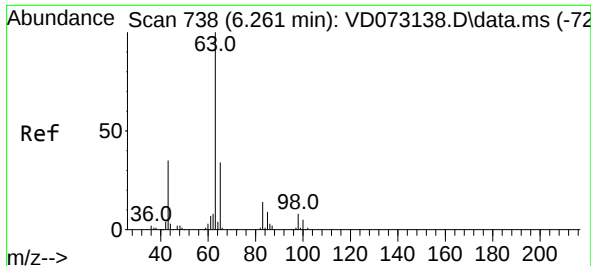
Tgt Ion:	84	Resp:	21264
Ion	Ratio	Lower	Upper
84	100		
49	119.1	112.8	169.2
51	39.1	32.6	48.8
86	65.1	47.9	71.9



#21
trans-1,2-Dichloroethene
Concen: 57.056 ug/l
RT: 5.467 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD073282.D
Acq: 23 May 2022 14:48

Tgt Ion:	96	Resp:	244345
Ion	Ratio	Lower	Upper
96	100		
61	130.6	117.9	176.9
98	62.1	49.4	74.2

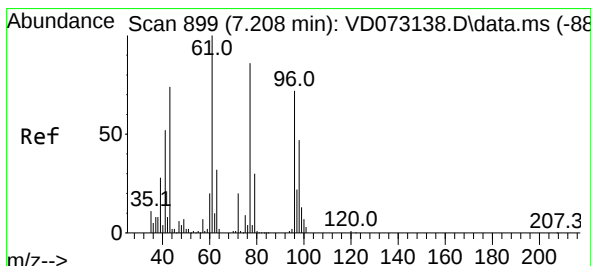
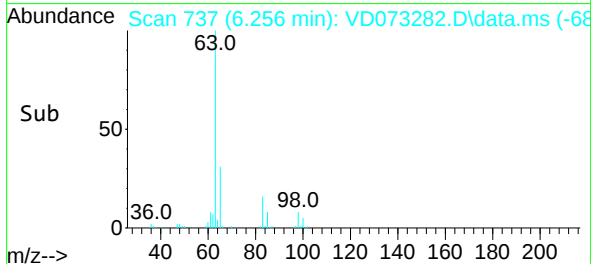
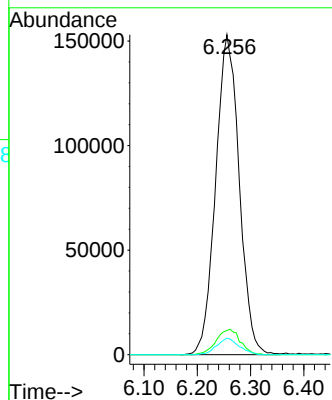
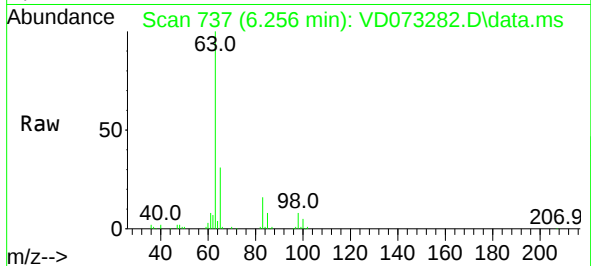




#24
 1,1-Dichloroethane
 Concen: 61.055 ug/l
 RT: 6.256 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: VD073282.D
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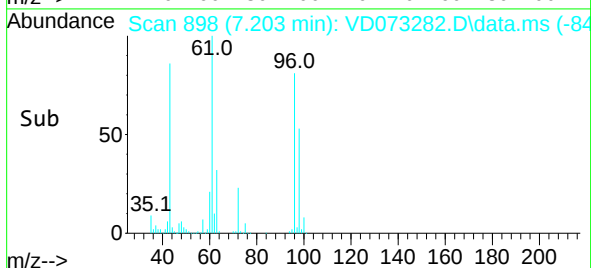
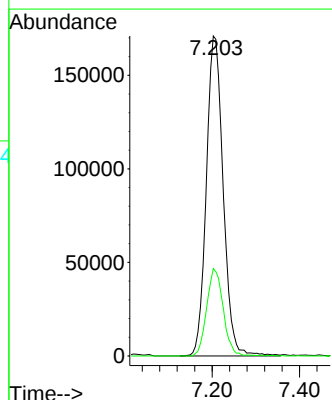
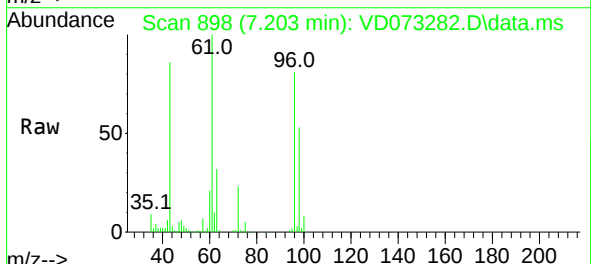
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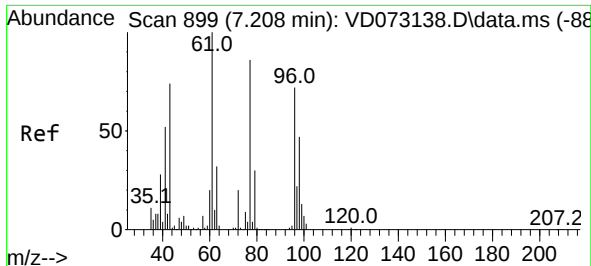
Tgt Ion: 63 Resp: 469694
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.6 10.9
 100 5.1 2.1 6.5



#25
 2-Butanone
 Concen: 465.259 ug/l
 RT: 7.203 min Scan# 898
 Delta R.T. -0.005 min
 Lab File: VD073282.D
 Acq: 23 May 2022 14:48

Tgt Ion: 43 Resp: 459228
 Ion Ratio Lower Upper
 43 100
 72 27.3 18.6 27.8

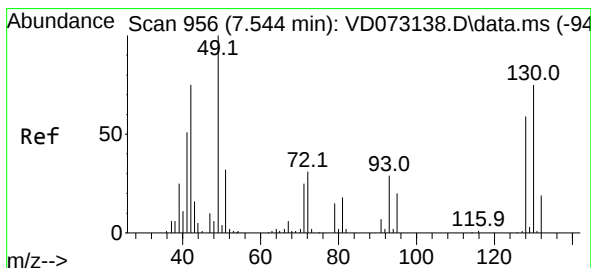
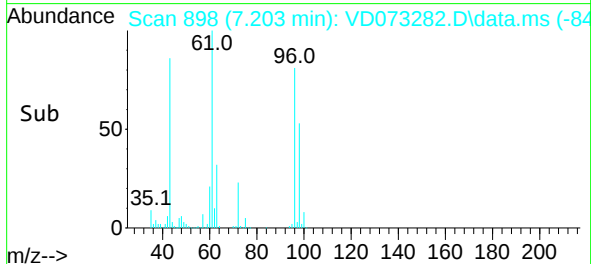
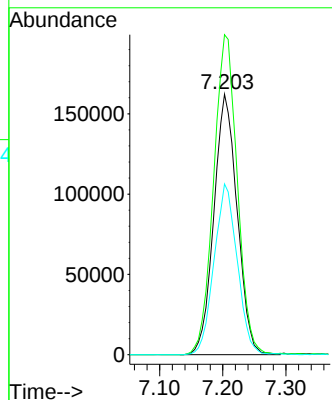
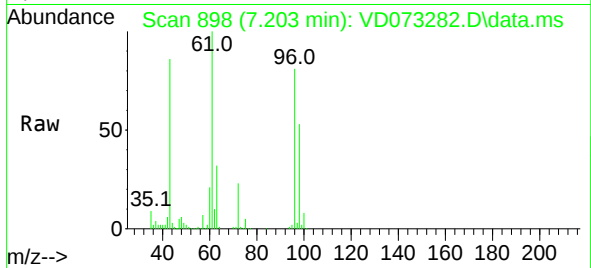




#27
cis-1,2-Dichloroethene
Concen: 87.805 ug/l
RT: 7.203 min Scan# 899
Delta R.T. -0.005 min
Lab File: VD073282.D
Acq: 23 May 2022 14:48

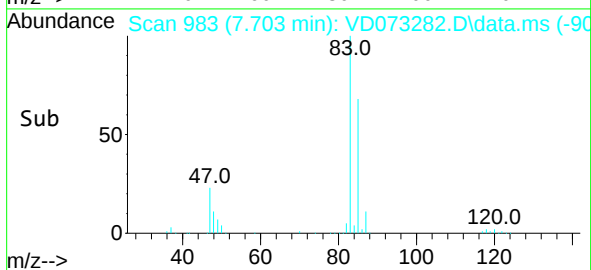
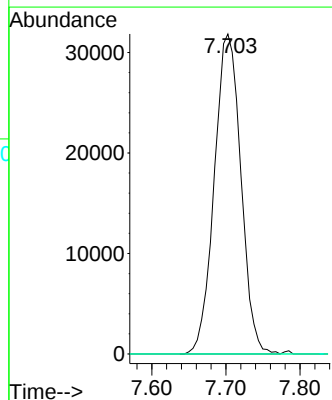
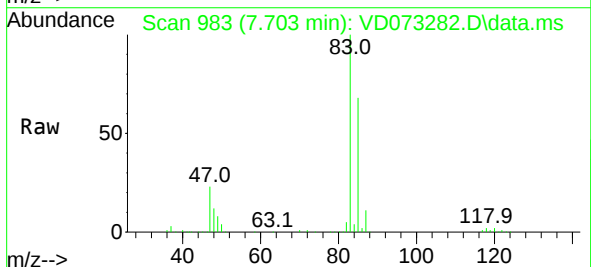
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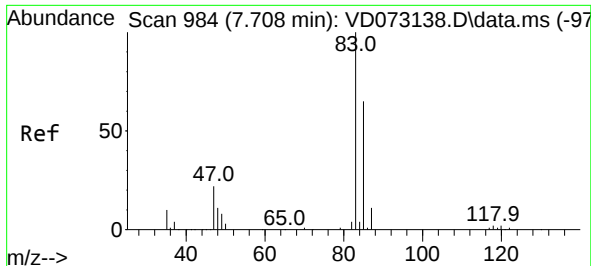
Tgt Ion: 96 Resp: 416077
Ion Ratio Lower Upper
96 100
61 124.5 0.0 313.8
98 65.2 0.0 128.8



#28
Bromochloromethane
Concen: 29.905 ug/l
RT: 7.703 min Scan# 983
Delta R.T. 0.159 min
Lab File: VD073282.D
Acq: 23 May 2022 14:48

Tgt Ion: 49 Resp: 79257
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 0.0 52.6 79.0#

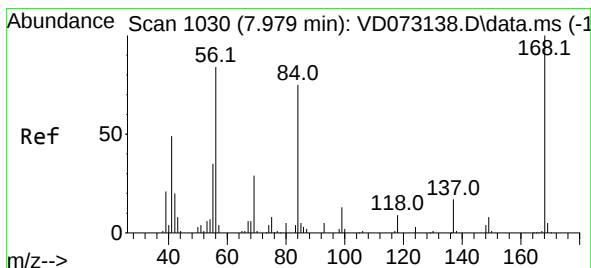
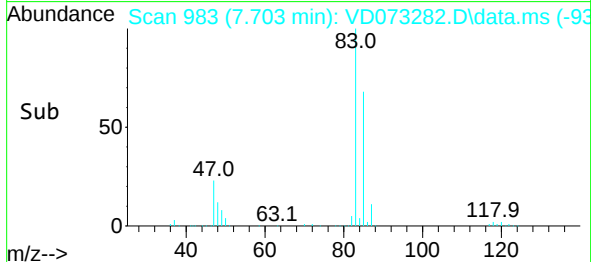
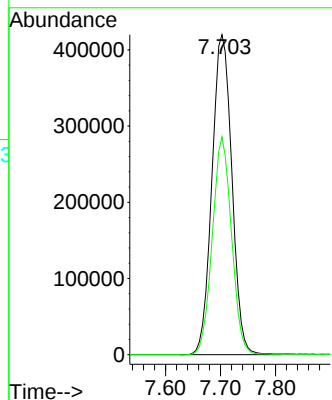
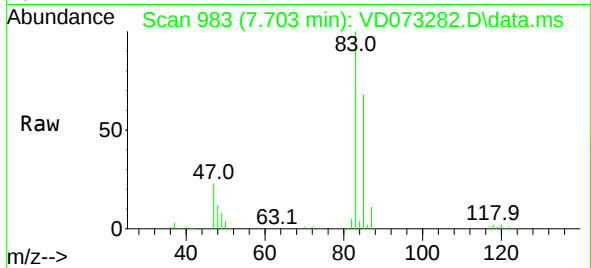




#30
Chloroform
Concen: 131.547 ug/l
RT: 7.703 min Scan# 91
Delta R.T. -0.005 min
Lab File: VD073282.D
Acq: 23 May 2022 14:48

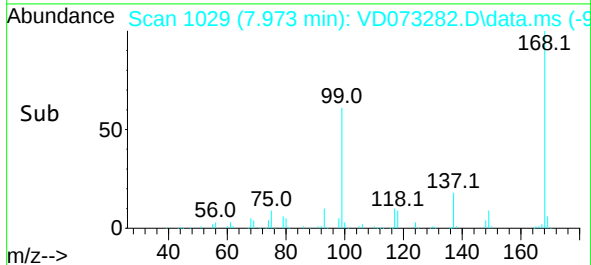
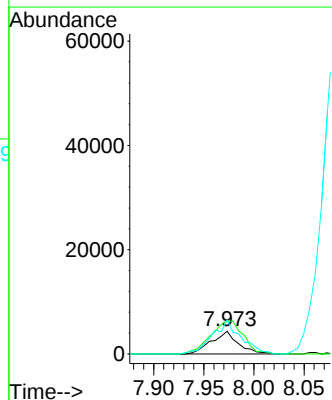
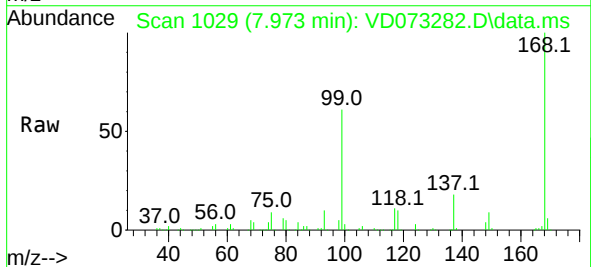
Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOIL

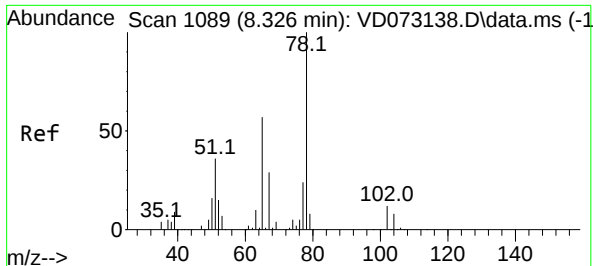
Tgt Ion: 83 Resp: 1056509
Ion Ratio Lower Upper
83 100
85 68.1 52.7 79.1



#31
Cyclohexane
Concen: 1.183 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD073282.D
Acq: 23 May 2022 14:48

Tgt Ion: 56 Resp: 8049
Ion Ratio Lower Upper
56 100
69 145.5 25.4 38.2#
84 149.5 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 49.104 ug/l

RT: 8.320 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD073282.D

Acq: 23 May 2022 14:48

Instrument :

MSVOA_D

ClientSampleId :

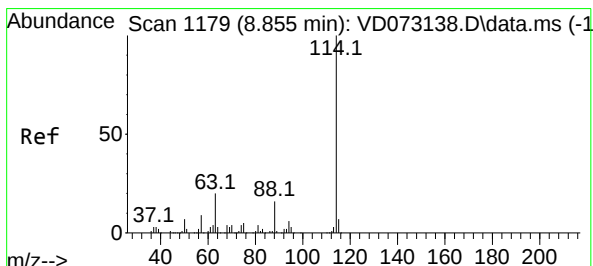
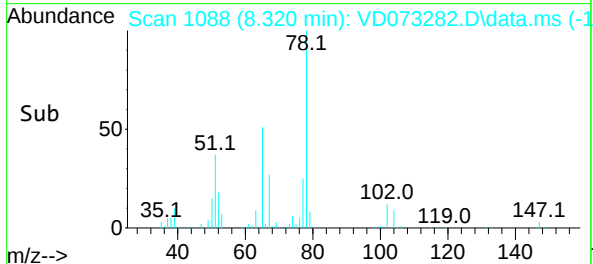
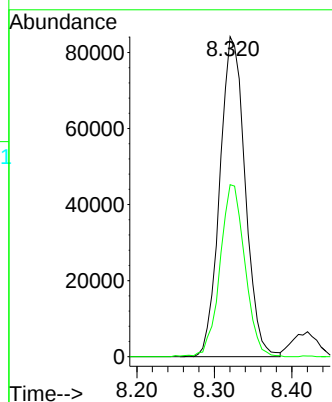
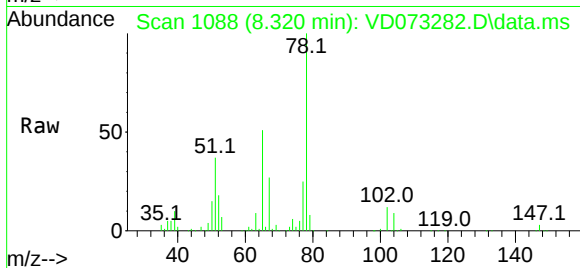
PT-VOA-SOIL

Tgt Ion: 65 Resp: 191258

Ion Ratio Lower Upper

65 100

67 52.9 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073282.D

Acq: 23 May 2022 14:48

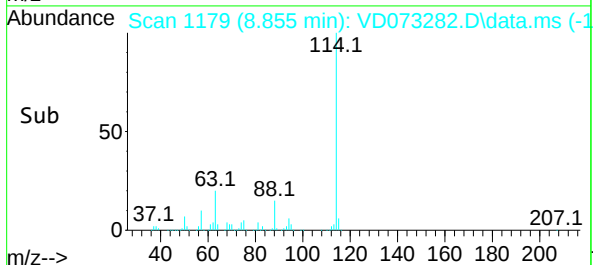
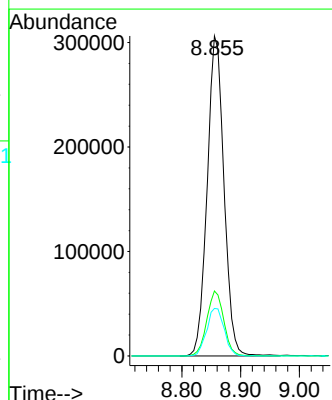
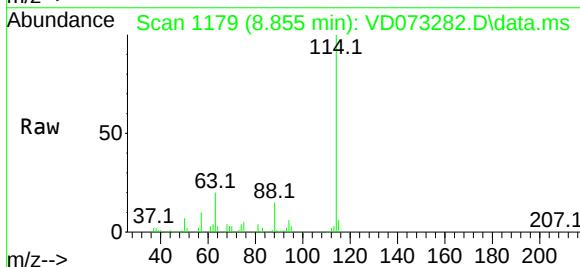
Tgt Ion: 114 Resp: 606406

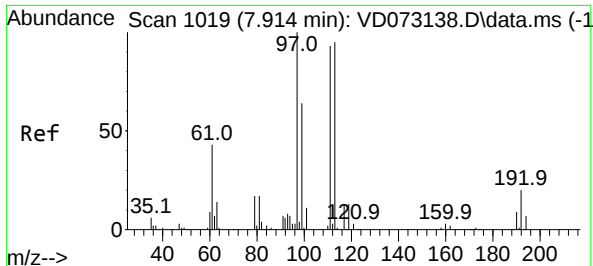
Ion Ratio Lower Upper

114 100

63 20.3 0.0 46.6

88 14.9 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.744 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.011 min

Lab File: VD073282.D

Acq: 23 May 2022 14:48

Instrument :

MSVOA_D

ClientSampleId :

PT-VOA-SOIL

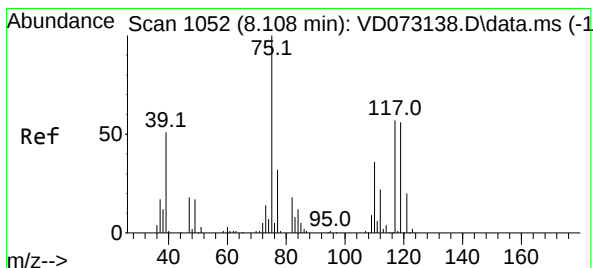
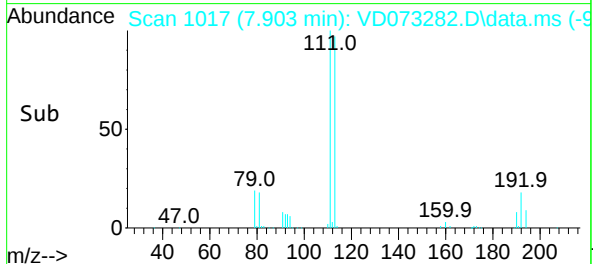
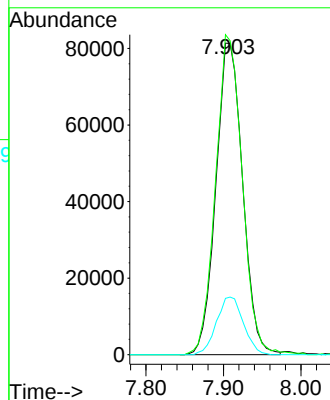
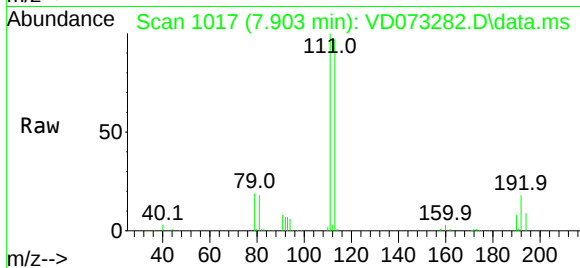
Tgt Ion:113 Resp: 195047

Ion Ratio Lower Upper

113 100

111 102.6 83.8 125.6

192 18.6 14.6 21.8



#36

1,1-Dichloropropene

Concen: 4.754 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD073282.D

Acq: 23 May 2022 14:48

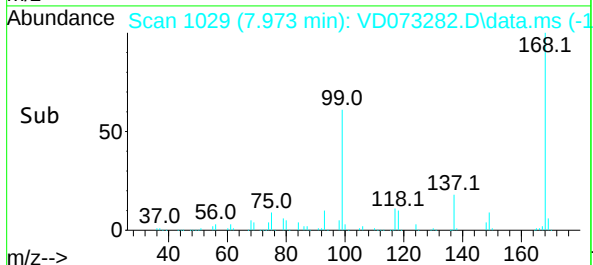
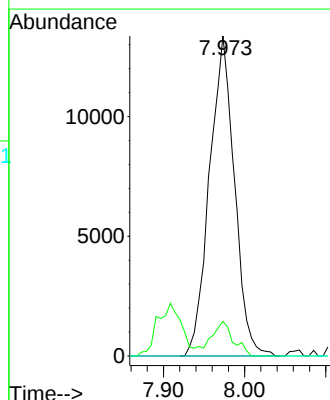
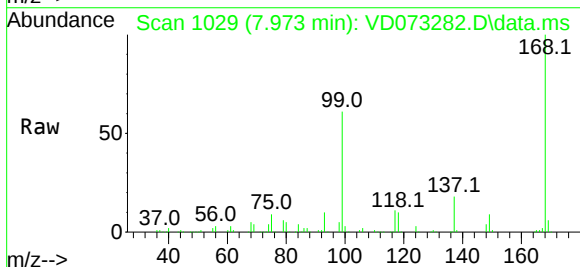
Tgt Ion: 75 Resp: 28612

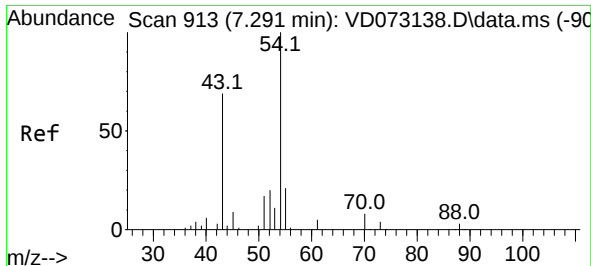
Ion Ratio Lower Upper

75 100

110 9.8 16.4 49.1#

77 0.0 24.2 36.2#





#37

Ethyl Acetate

Concen: 193.186 ug/l

RT: 7.203 min Scan# 89

Delta R.T. -0.088 min

Lab File: VD073282.D

Acq: 23 May 2022 14:48

Instrument :

MSVOA_D

ClientSampleId :

PT-VOA-SOIL

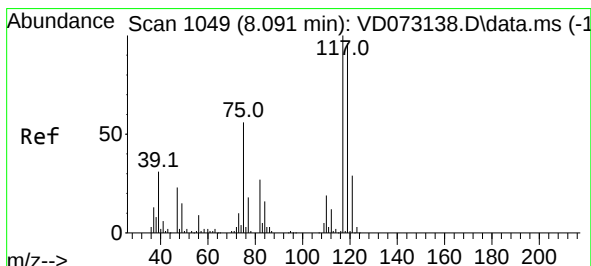
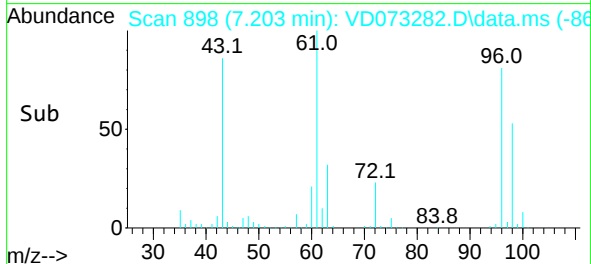
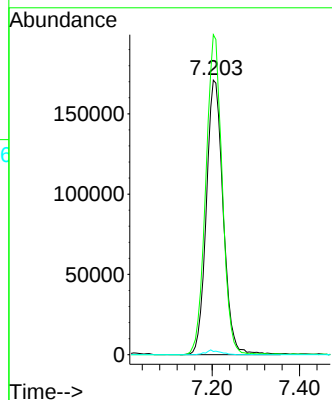
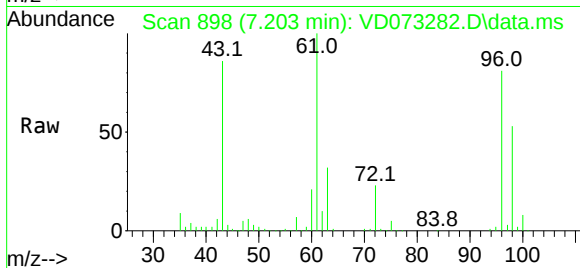
Tgt Ion: 43 Resp: 459228

Ion Ratio Lower Upper

43 100

61 112.8 9.8 14.8#

70 1.4 6.9 10.3#



#38

Carbon Tetrachloride

Concen: 195.413 ug/l

RT: 8.091 min Scan# 1049

Delta R.T. -0.000 min

Lab File: VD073282.D

Acq: 23 May 2022 14:48

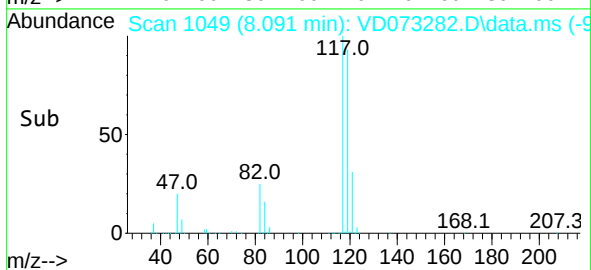
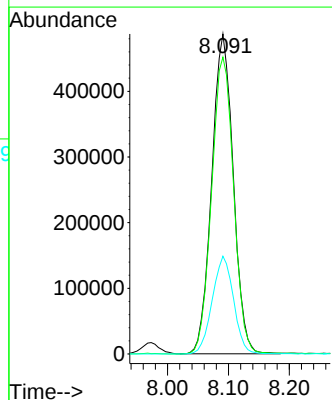
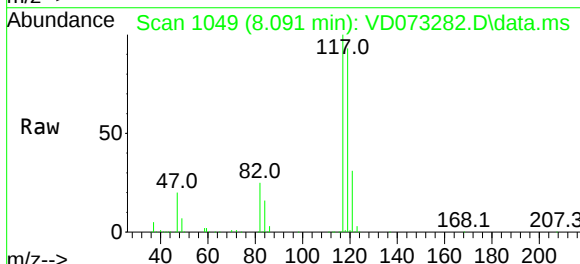
Tgt Ion:117 Resp: 1192106

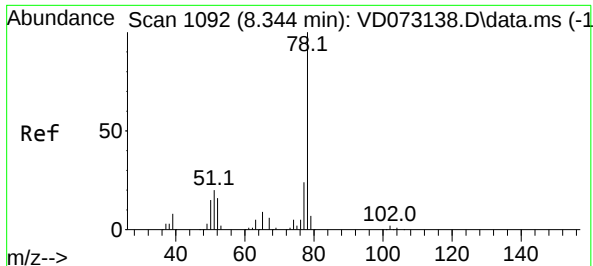
Ion Ratio Lower Upper

117 100

119 92.8 75.8 113.6

121 30.6 24.5 36.7

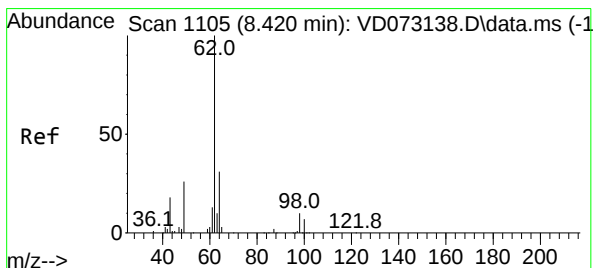
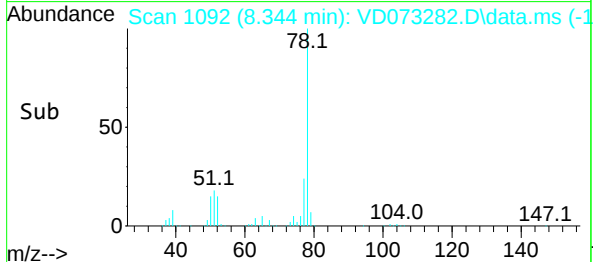
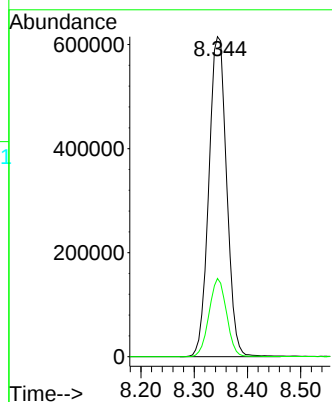
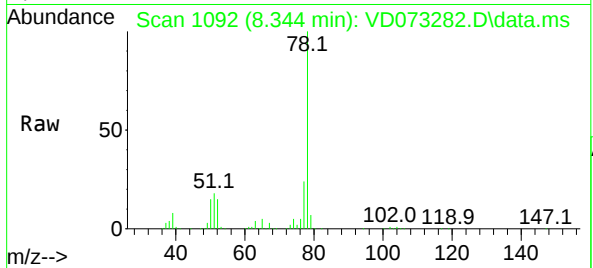




#40
Benzene
Concen: 82.619 ug/l
RT: 8.344 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VD073282.D
Acq: 23 May 2022 14:48

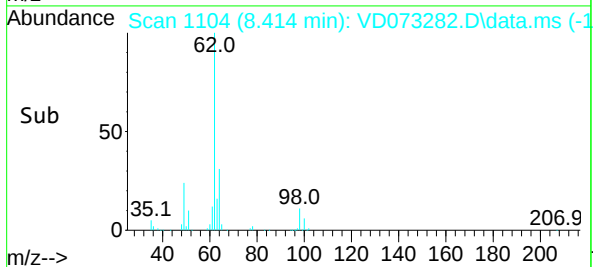
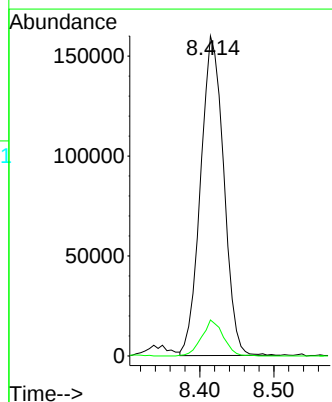
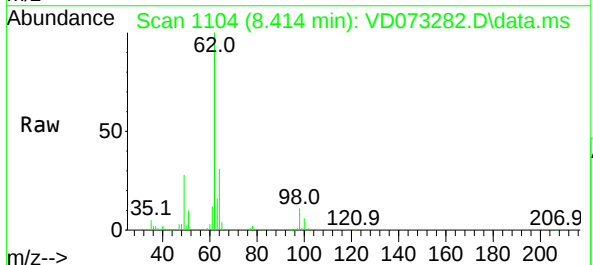
Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOIL

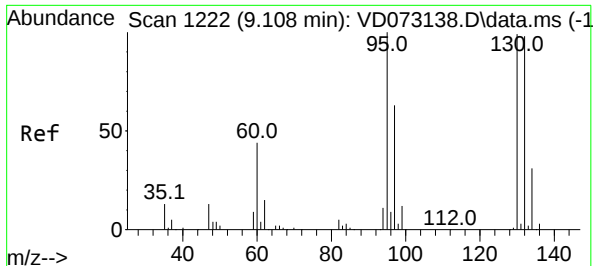
Tgt Ion: 78 Resp: 1432969
Ion Ratio Lower Upper
78 100
77 24.5 19.1 28.7



#42
1,2-Dichloroethane
Concen: 71.867 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VD073282.D
Acq: 23 May 2022 14:48

Tgt Ion: 62 Resp: 346833
Ion Ratio Lower Upper
62 100
98 10.5 0.0 17.6

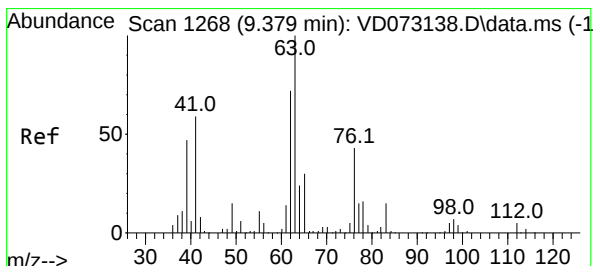
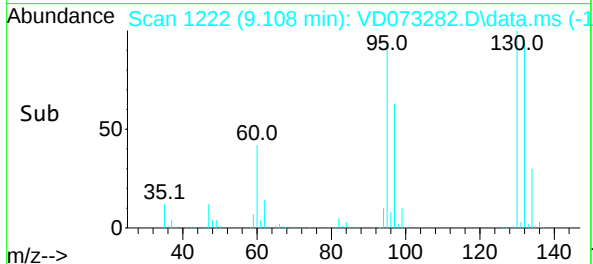
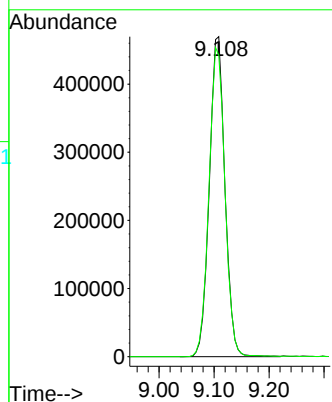
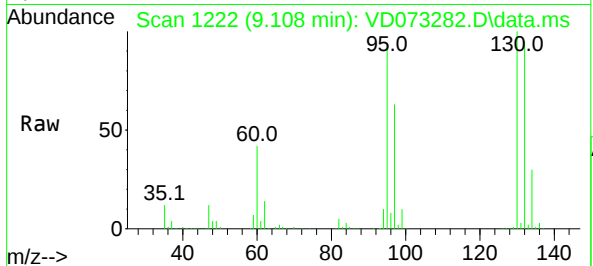




#44
Trichloroethene
Concen: 200.228 ug/l
RT: 9.108 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073282.D
Acq: 23 May 2022 14:48

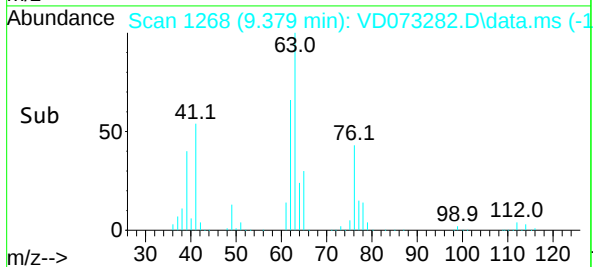
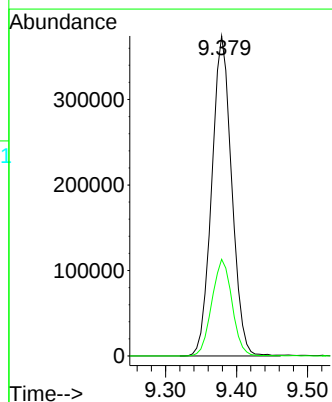
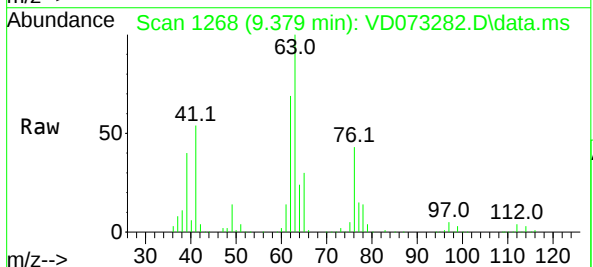
Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOIL

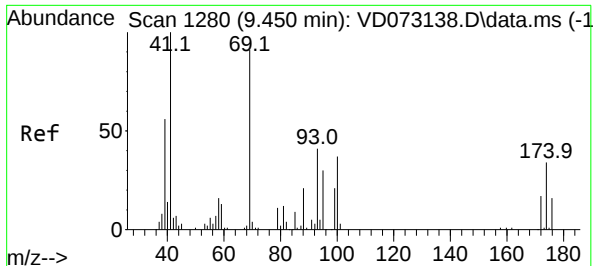
Tgt Ion:130 Resp: 926083
Ion Ratio Lower Upper
130 100
95 94.2 0.0 205.4



#45
1,2-Dichloropropane
Concen: 166.939 ug/l
RT: 9.379 min Scan# 1268
Delta R.T. -0.000 min
Lab File: VD073282.D
Acq: 23 May 2022 14:48

Tgt Ion: 63 Resp: 729187
Ion Ratio Lower Upper
63 100
65 30.2 26.2 39.4





#48

Methyl methacrylate

Concen: 179.176 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.071 min

Lab File: VD073282.D

Acq: 23 May 2022 14:48

Instrument :

MSVOA_D

ClientSampleId :

PT-VOA-SOIL

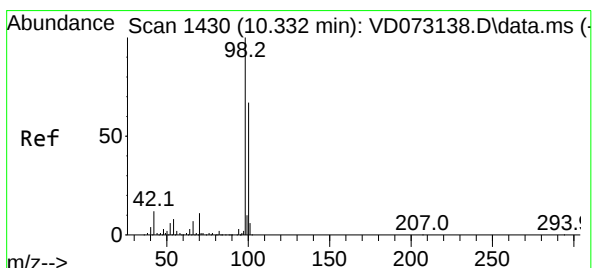
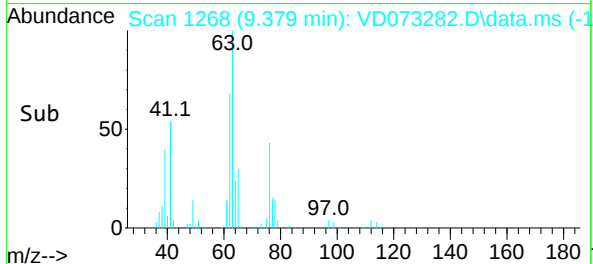
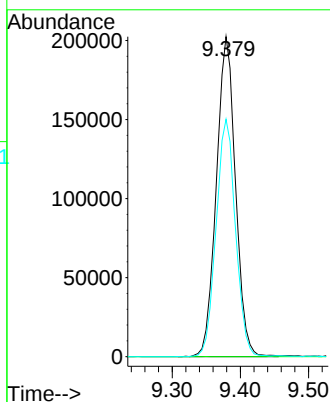
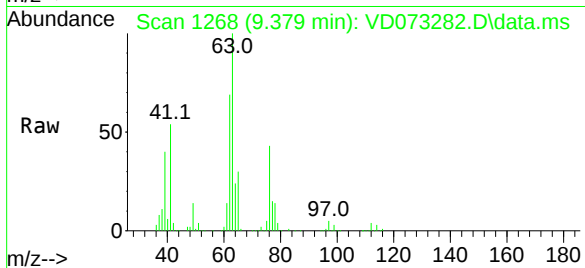
Tgt Ion: 41 Resp: 396083

Ion Ratio Lower Upper

41 100

69 0.0 56.7 85.1#

39 75.2 42.7 64.1#



#50

Toluene-d8

Concen: 48.893 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073282.D

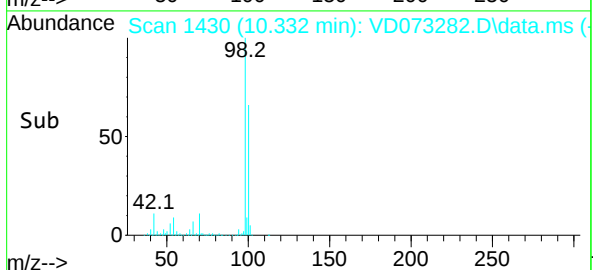
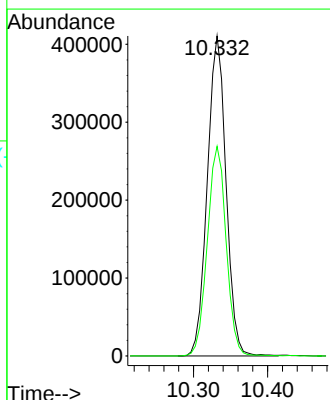
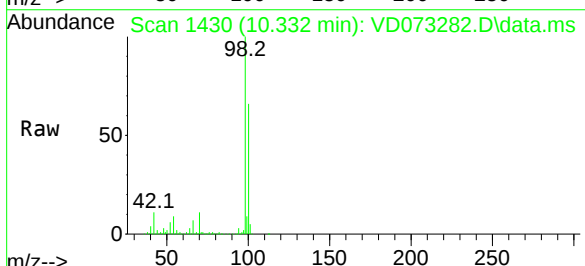
Acq: 23 May 2022 14:48

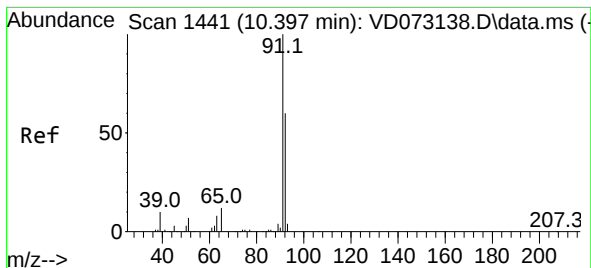
Tgt Ion: 98 Resp: 721193

Ion Ratio Lower Upper

98 100

100 65.9 52.4 78.6





#52

Toluene

Concen: 104.830 ug/l

RT: 10.397 min Scan# 1441

Delta R.T. -0.000 min

Lab File: VD073282.D

Acq: 23 May 2022 14:48

Instrument :

MSVOA_D

ClientSampleId :

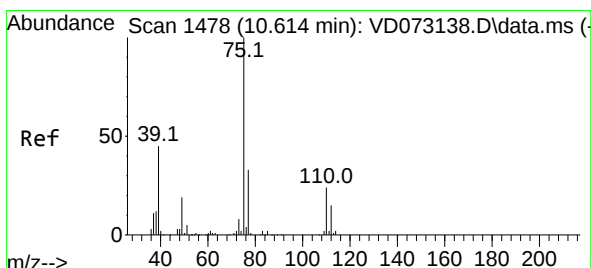
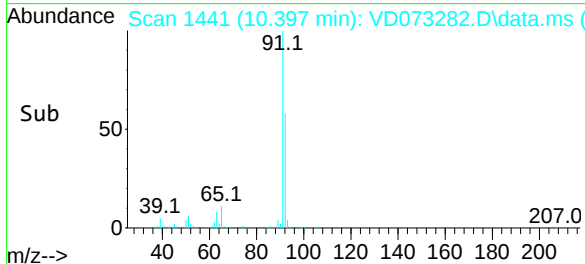
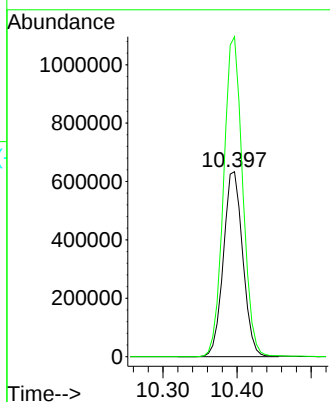
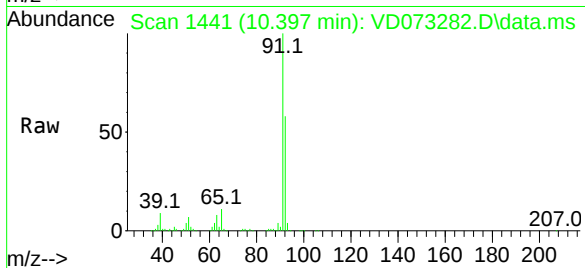
PT-VOA-SOIL

Tgt Ion: 92 Resp: 1148955

Ion Ratio Lower Upper

92 100

91 170.7 139.6 209.4



#53

t-1,3-Dichloropropene

Concen: 128.436 ug/l

RT: 10.614 min Scan# 1478

Delta R.T. 0.000 min

Lab File: VD073282.D

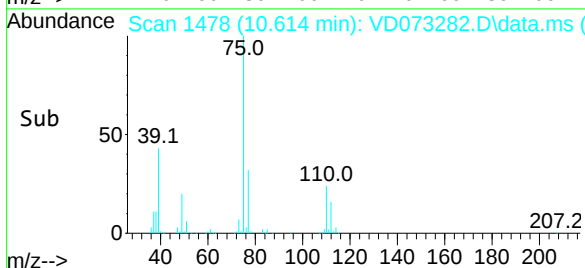
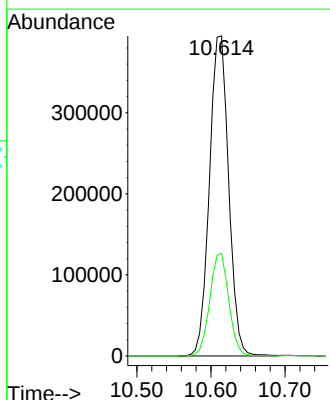
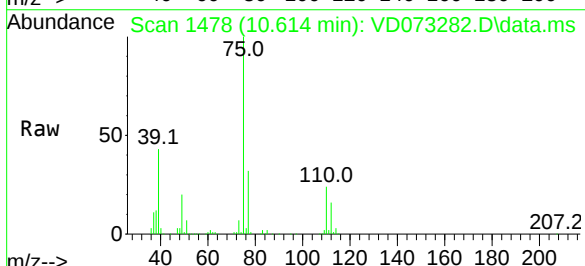
Acq: 23 May 2022 14:48

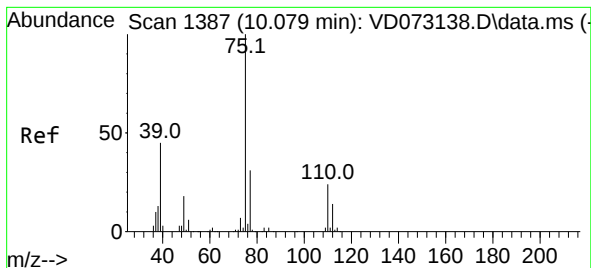
Tgt Ion: 75 Resp: 712233

Ion Ratio Lower Upper

75 100

77 32.1 24.5 36.7

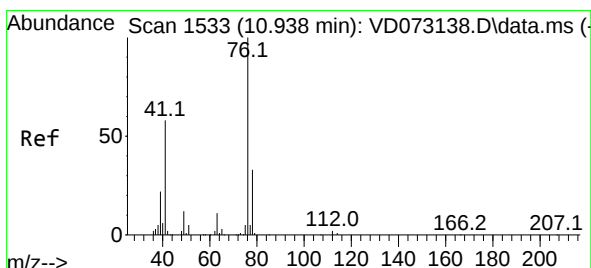
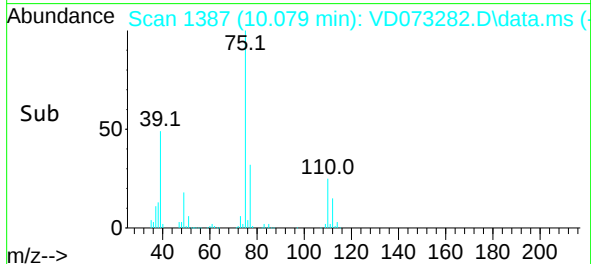
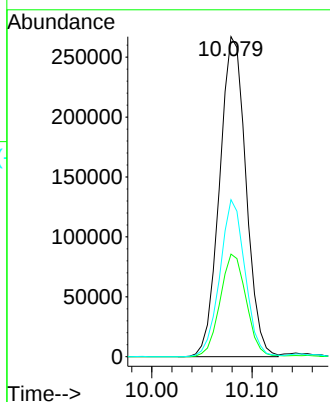
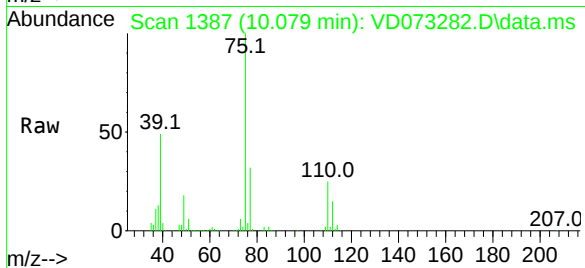




#54
 cis-1,3-Dichloropropene
 Concen: 73.681 ug/l
 RT: 10.079 min Scan# 1387
 Delta R.T. -0.000 min
 Lab File: VD073282.D
 Acq: 23 May 2022 14:48

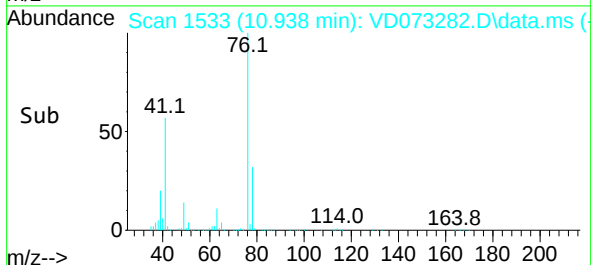
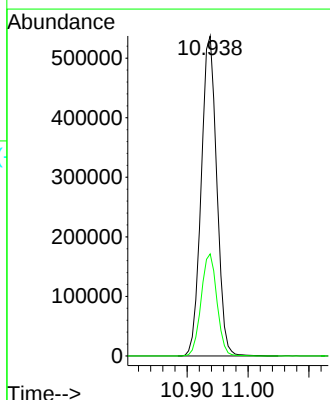
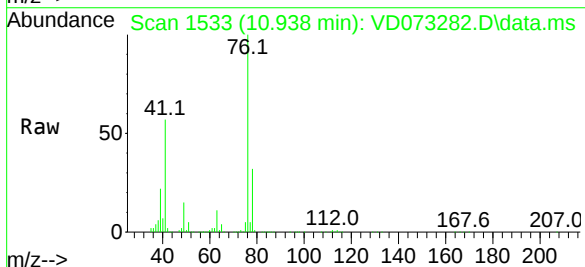
Instrument :
 MSVOA_D
 ClientSampleId :
 PT-VOA-SOIL

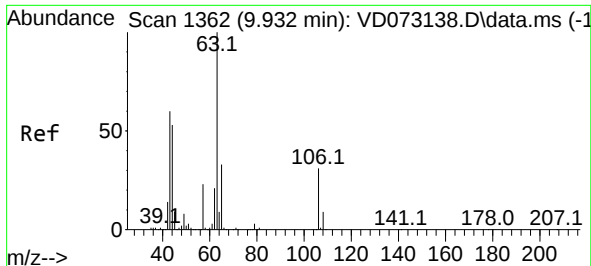
Tgt Ion: 75 Resp: 488953
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.8 37.2
 39 49.1 46.8 70.2



#57
 1,3-Dichloropropane
 Concen: 175.390 ug/l
 RT: 10.938 min Scan# 1533
 Delta R.T. -0.000 min
 Lab File: VD073282.D
 Acq: 23 May 2022 14:48

Tgt Ion: 76 Resp: 954683
 Ion Ratio Lower Upper
 76 100
 78 32.4 26.0 39.0

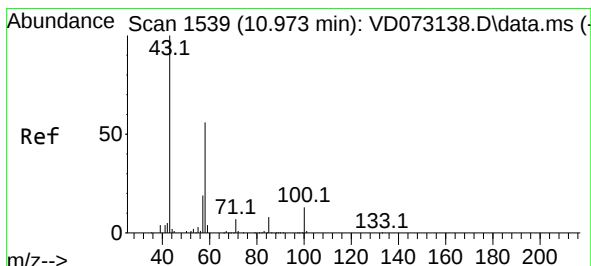
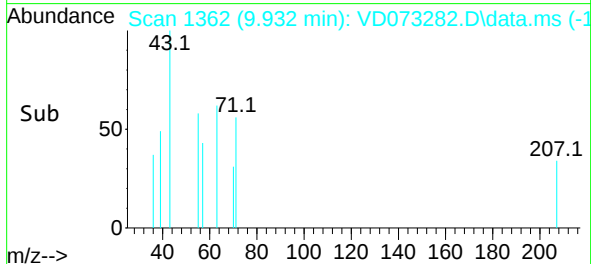
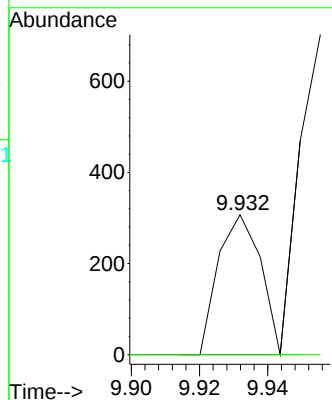
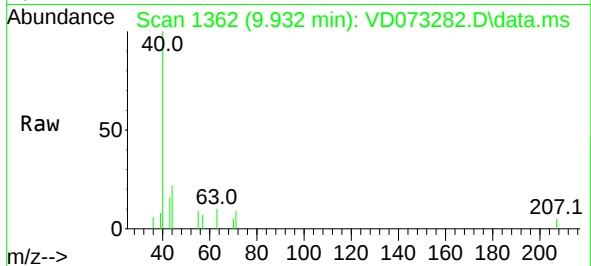




#58
2-Chloroethyl Vinyl ether
Concen: 21.762 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VD073282.D
Acq: 23 May 2022 14:48

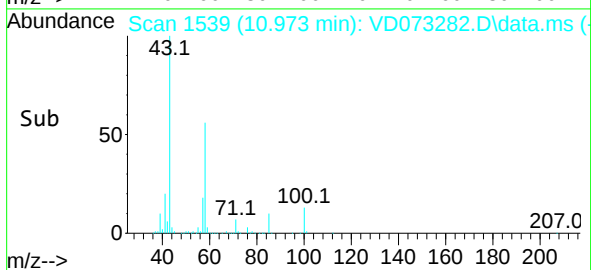
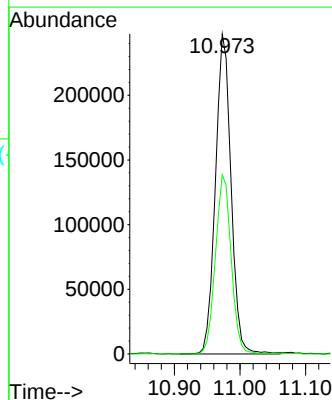
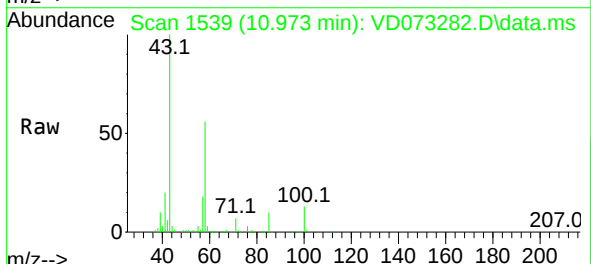
Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOIL

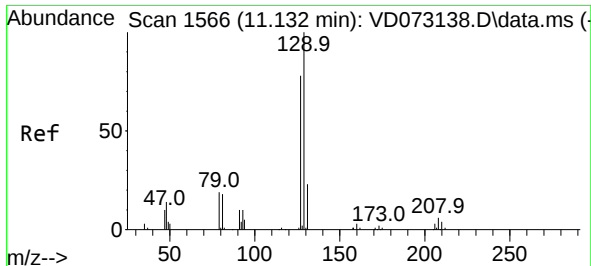
Tgt Ion: 63 Resp: 265
Ion Ratio Lower Upper
63 100
106 0.0 21.4 32.0#



#59
2-Hexanone
Concen: 271.136 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD073282.D
Acq: 23 May 2022 14:48

Tgt Ion: 43 Resp: 407932
Ion Ratio Lower Upper
43 100
58 56.5 25.3 75.9

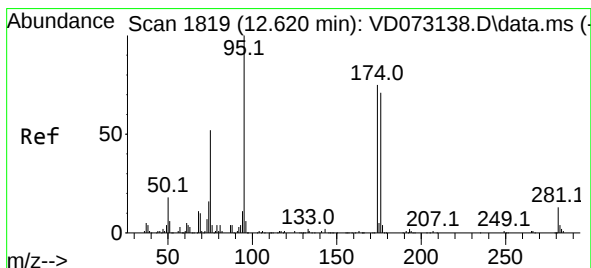
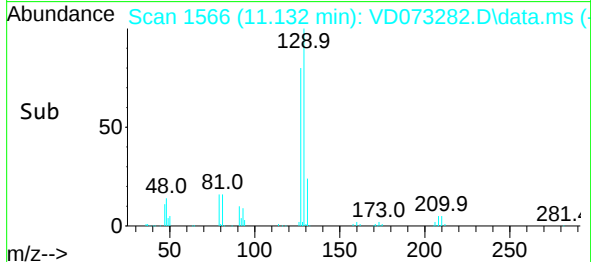
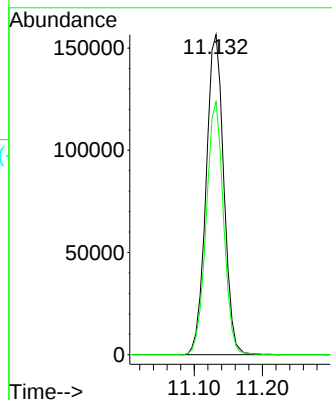
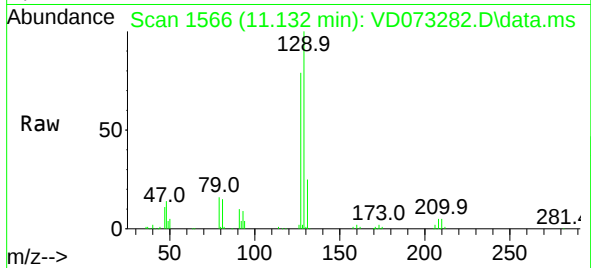




#60
Dibromochloromethane
Concen: 69.775 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD073282.D
Acq: 23 May 2022 14:48

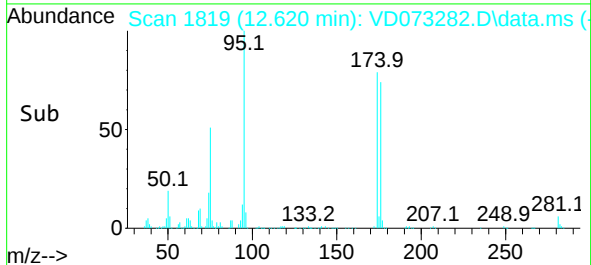
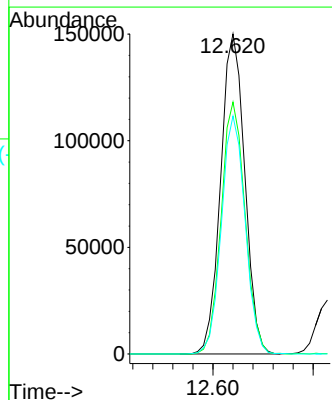
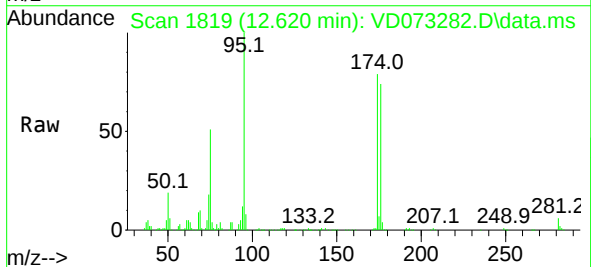
Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOIL

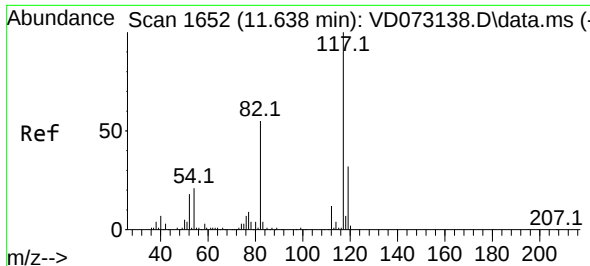
Tgt Ion:129 Resp: 282245
Ion Ratio Lower Upper
129 100
127 77.3 39.2 117.6



#62
4-Bromofluorobenzene
Concen: 48.394 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073282.D
Acq: 23 May 2022 14:48

Tgt Ion: 95 Resp: 250511
Ion Ratio Lower Upper
95 100
174 77.9 0.0 152.8
176 73.0 0.0 145.4

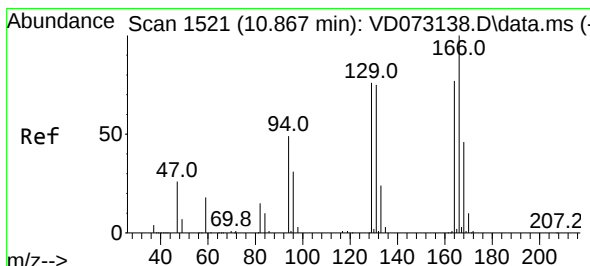
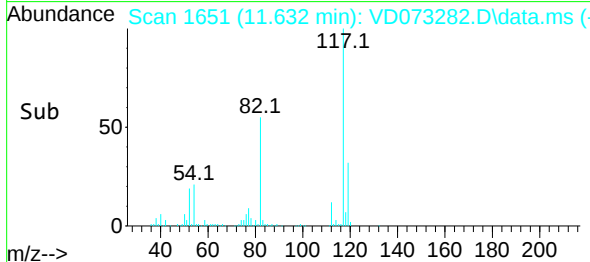
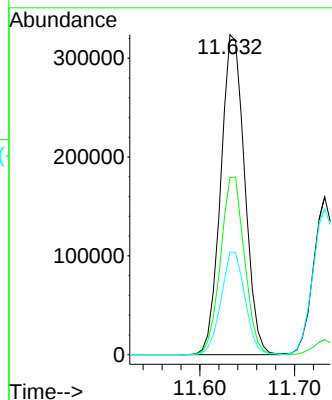
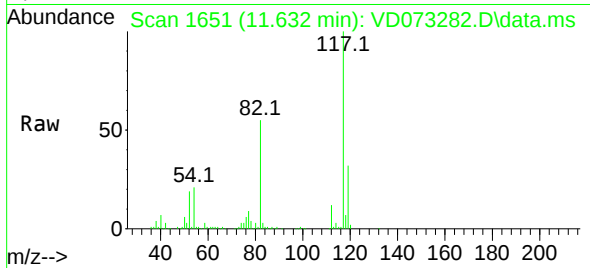




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD073282.D
Acq: 23 May 2022 14:48

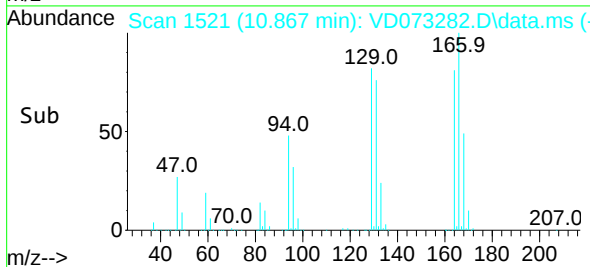
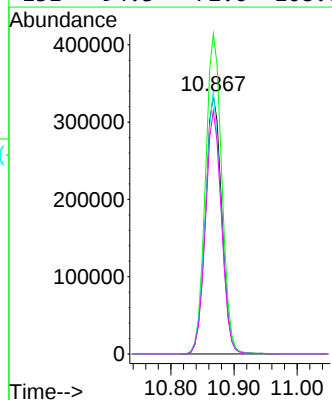
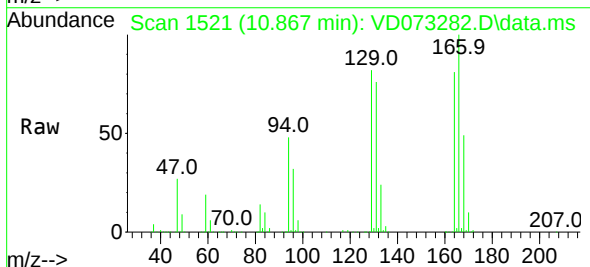
Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOIL

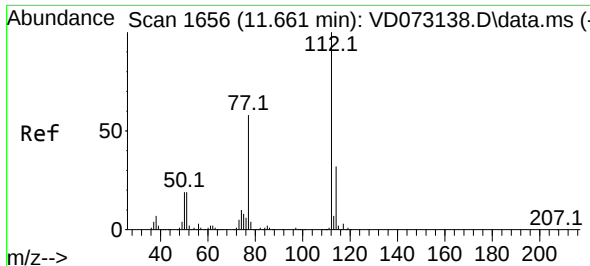
Tgt Ion:117 Resp: 568613
Ion Ratio Lower Upper
117 100
82 55.3 45.3 67.9
119 32.1 26.6 40.0



#64
Tetrachloroethene
Concen: 160.330 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD073282.D
Acq: 23 May 2022 14:48

Tgt Ion:164 Resp: 597113
Ion Ratio Lower Upper
164 100
166 123.9 98.5 147.7
129 101.7 74.6 111.8
131 94.3 72.0 108.0

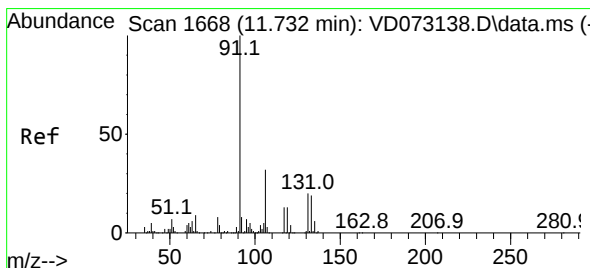
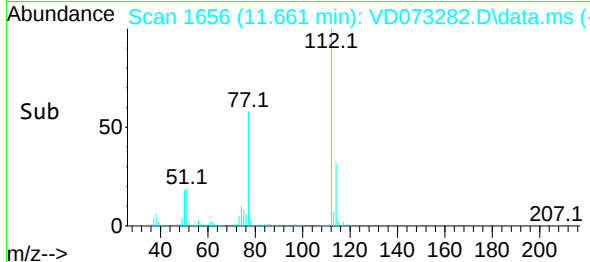
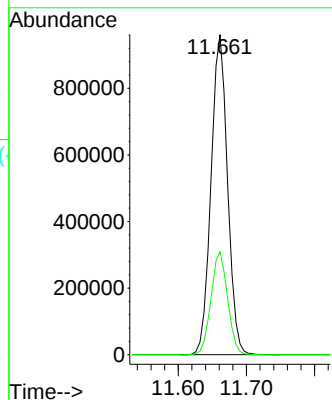
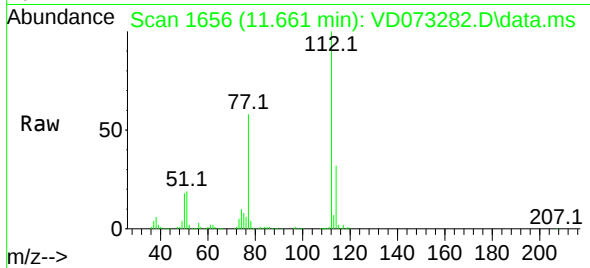




#65
Chlorobenzene
Concen: 138.727 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD073282.D
Acq: 23 May 2022 14:48

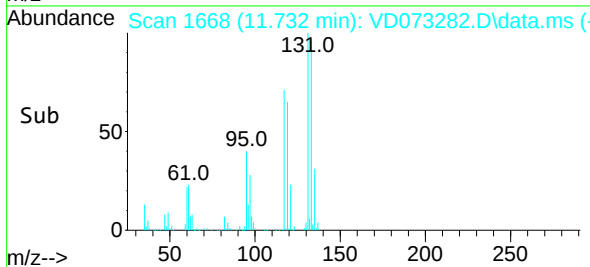
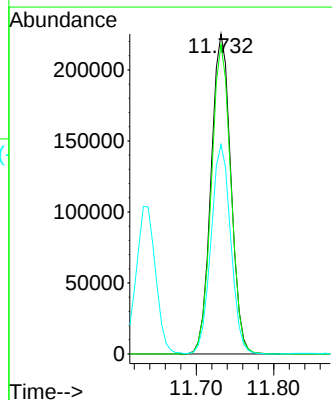
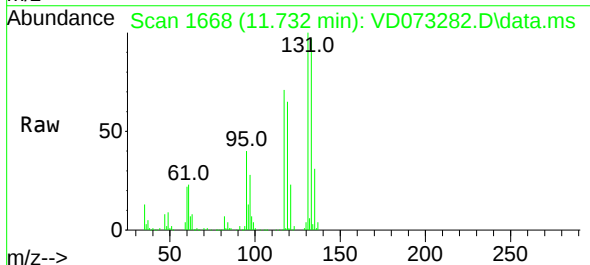
Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOIL

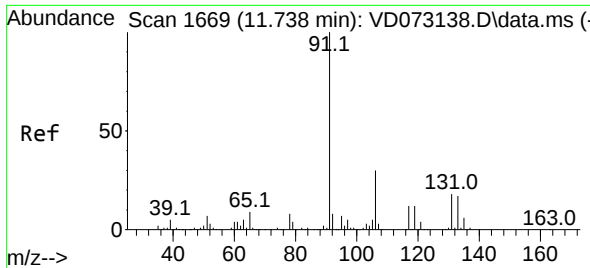
Tgt Ion:112 Resp: 1618246
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 92.090 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD073282.D
Acq: 23 May 2022 14:48

Tgt Ion:131 Resp: 398397
Ion Ratio Lower Upper
131 100
133 95.4 48.1 144.3
119 65.3 31.9 95.9

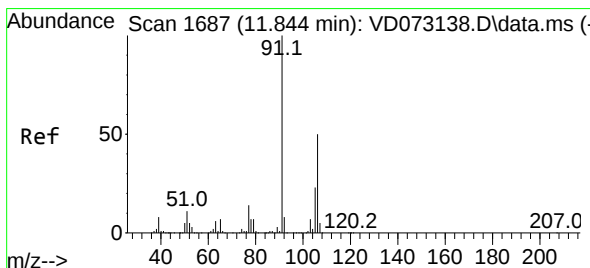
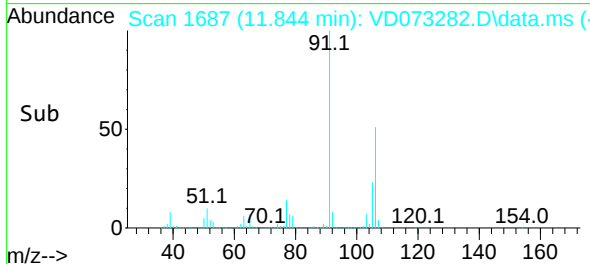
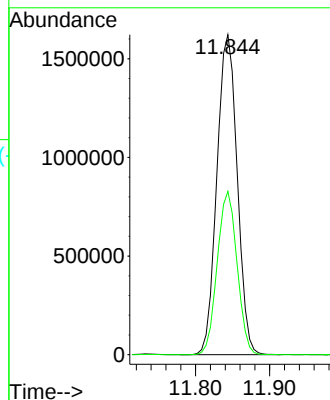
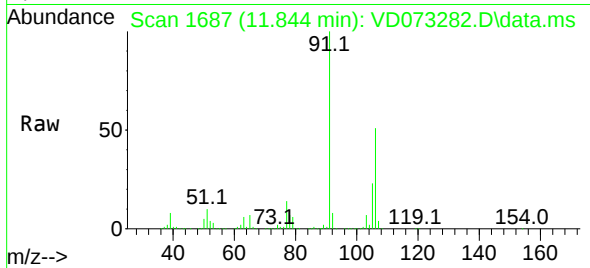




#67
Ethyl Benzene
Concen: 150.765 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.106 min
Lab File: VD073282.D
Acq: 23 May 2022 14:48

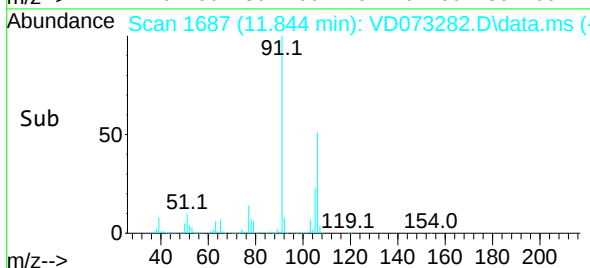
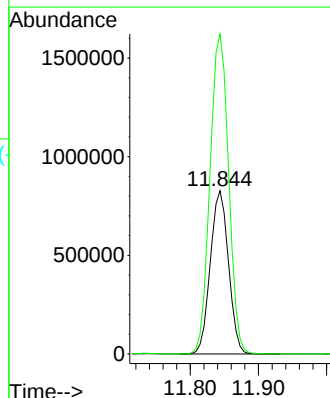
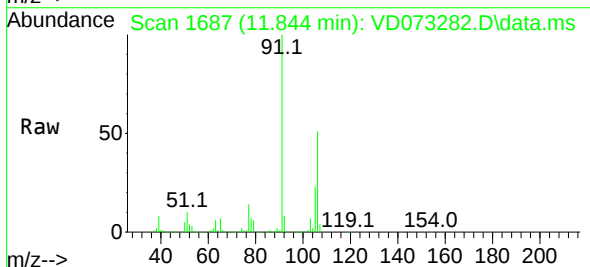
Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOIL

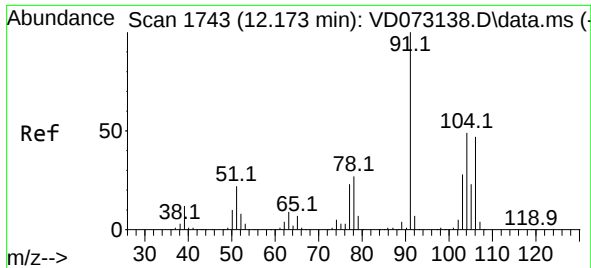
Tgt Ion: 91 Resp: 3087278
Ion Ratio Lower Upper
91 100
106 51.0 24.2 36.4#



#68
m/p-Xylenes
Concen: 192.971 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD073282.D
Acq: 23 May 2022 14:48

Tgt Ion:106 Resp: 1535236
Ion Ratio Lower Upper
106 100
91 201.1 163.7 245.5

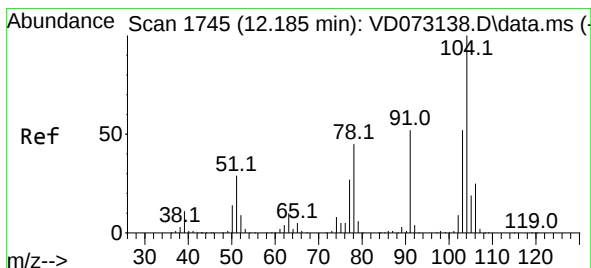
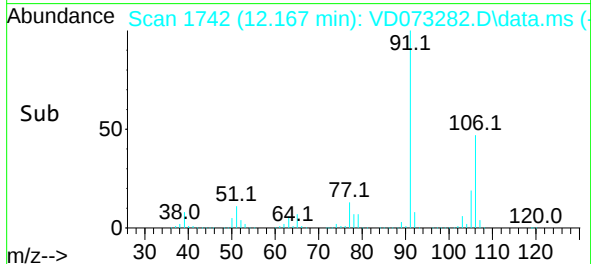
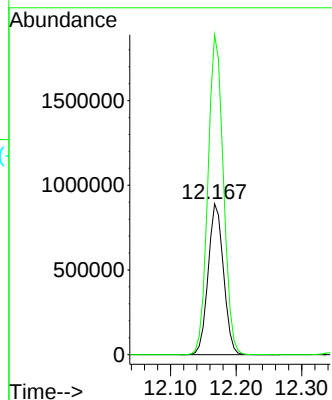
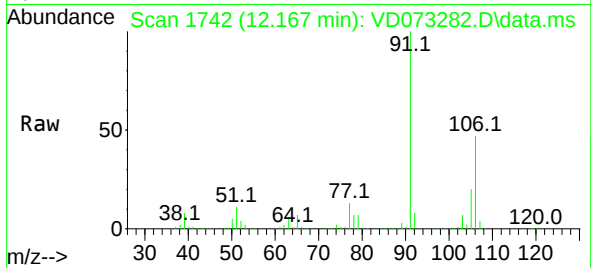




#69
o-Xylene
Concen: 198.624 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. -0.006 min
Lab File: VD073282.D
Acq: 23 May 2022 14:48

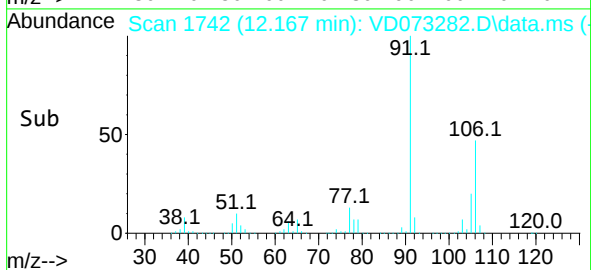
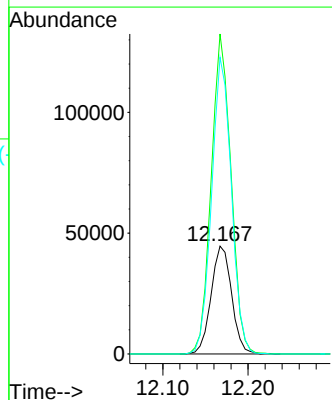
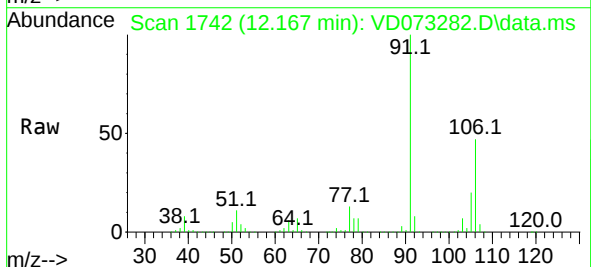
Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOIL

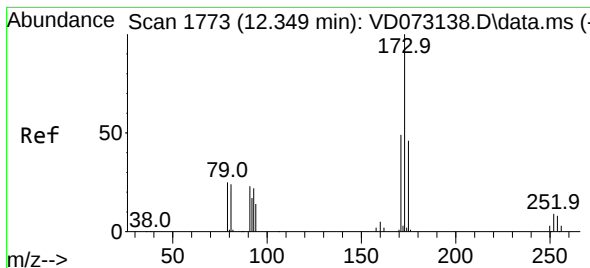
Tgt Ion:106 Resp: 1451662
Ion Ratio Lower Upper
106 100
91 213.3 110.4 331.2



#70
Styrene
Concen: 5.949 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. -0.018 min
Lab File: VD073282.D
Acq: 23 May 2022 14:48

Tgt Ion:104 Resp: 74798
Ion Ratio Lower Upper
104 100
78 285.5 41.8 62.8#
103 264.5 44.2 66.4#





#71

Bromoform

Concen: 37.721 ug/l

RT: 12.349 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VD073282.D

Acq: 23 May 2022 14:48

Instrument :

MSVOA_D

ClientSampleId :

PT-VOA-SOIL

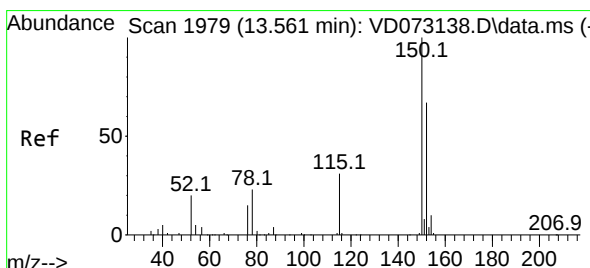
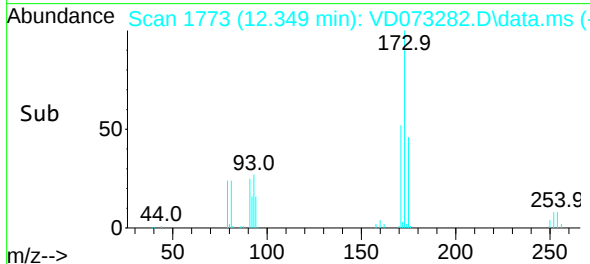
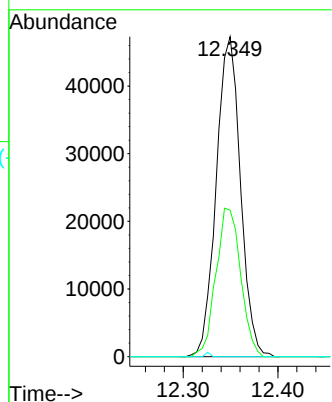
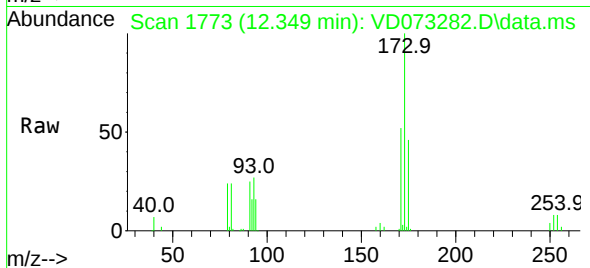
Tgt Ion:173 Resp: 83987

Ion Ratio Lower Upper

173 100

175 47.4 23.9 71.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VD073282.D

Acq: 23 May 2022 14:48

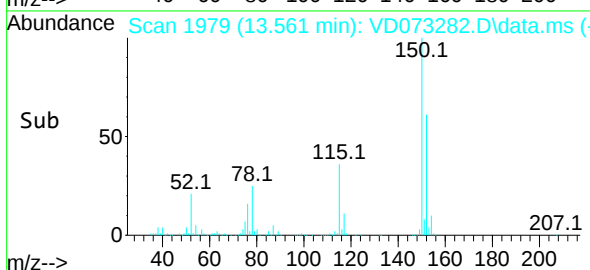
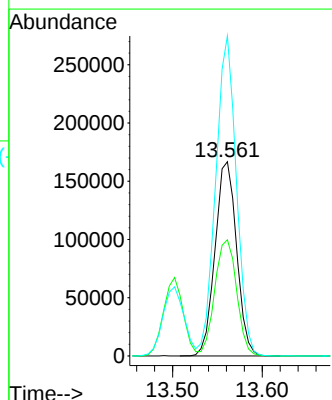
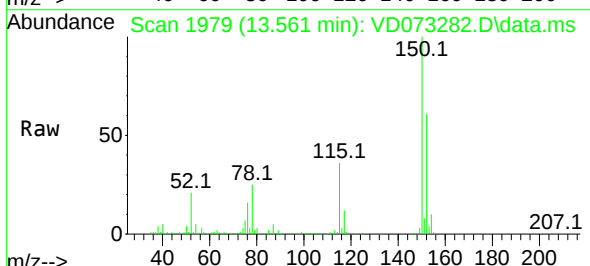
Tgt Ion:152 Resp: 277926

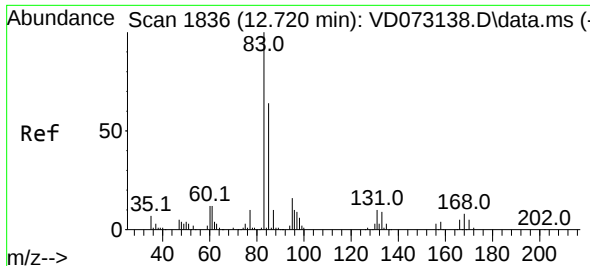
Ion Ratio Lower Upper

152 100

115 60.4 31.3 93.8

150 158.2 0.0 348.6

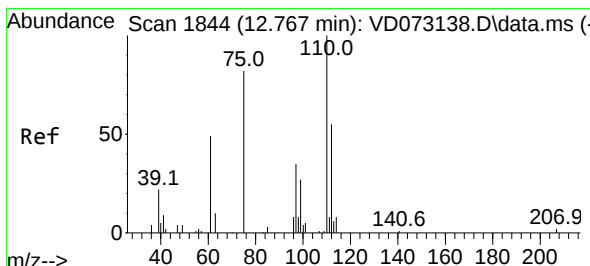
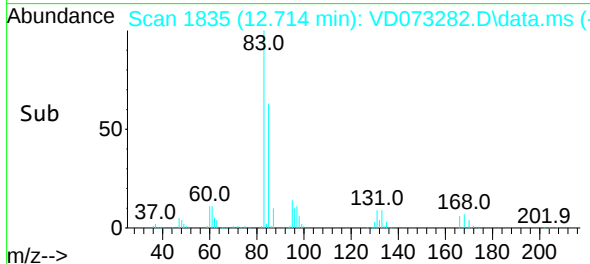
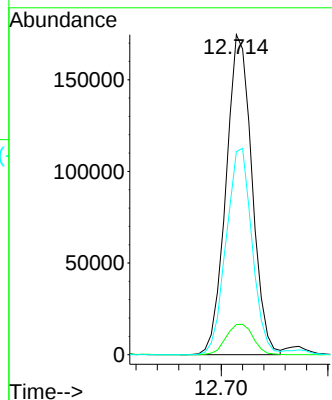
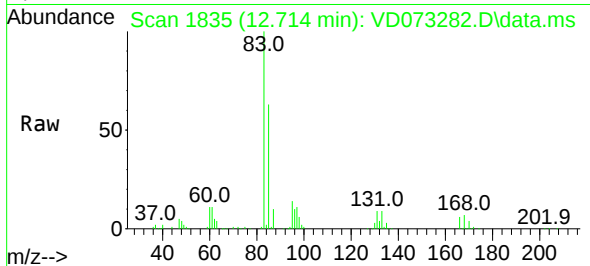




#75
1,1,2,2-Tetrachloroethane
Concen: 80.752 ug/l
RT: 12.714 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VD073282.D
Acq: 23 May 2022 14:48

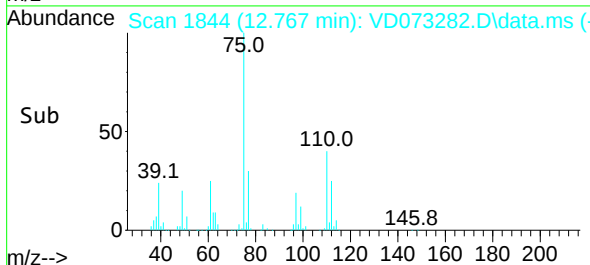
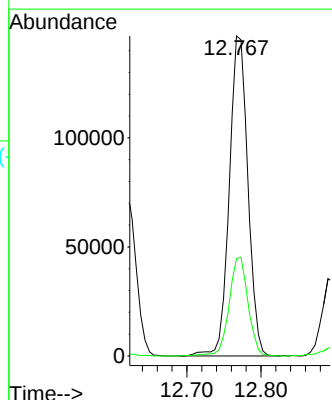
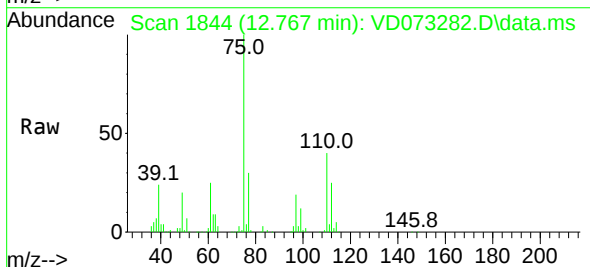
Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOIL

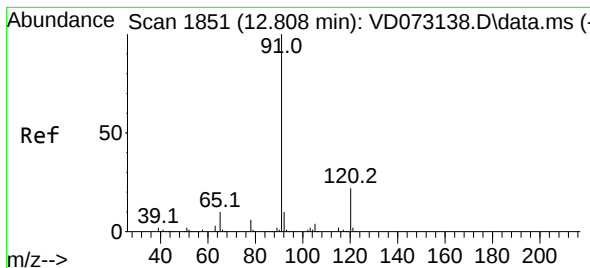
Tgt Ion: 83 Resp: 295080
Ion Ratio Lower Upper
83 100
131 9.9 5.0 14.9
85 64.4 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 93.631 ug/l
RT: 12.767 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VD073282.D
Acq: 23 May 2022 14:48

Tgt Ion: 75 Resp: 255327
Ion Ratio Lower Upper
75 100
77 31.5 0.0 0.0#





#78

n-propylbenzene

Concen: 90.626 ug/l

RT: 12.896 min Scan# 1866

Delta R.T. 0.088 min

Lab File: VD073282.D

Acq: 23 May 2022 14:48

Instrument :

MSVOA_D

ClientSampleId :

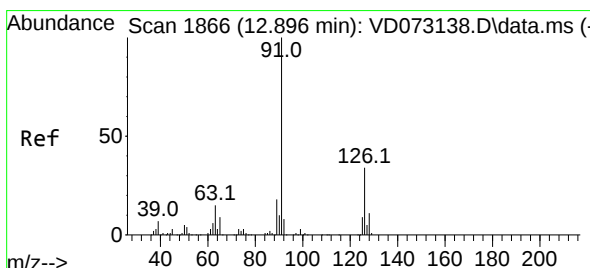
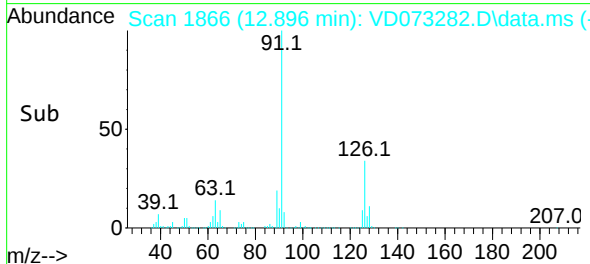
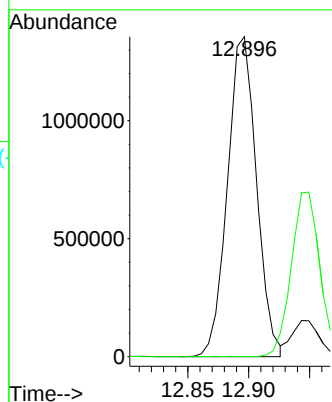
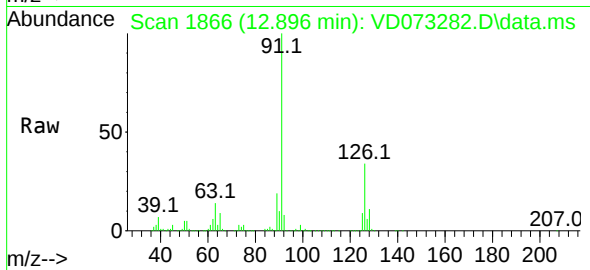
PT-VOA-SOIL

Tgt Ion: 91 Resp: 2254226

Ion Ratio Lower Upper

91 100

120 0.0 10.9 32.9#



#79

2-Chlorotoluene

Concen: 156.959 ug/l

RT: 12.896 min Scan# 1866

Delta R.T. 0.000 min

Lab File: VD073282.D

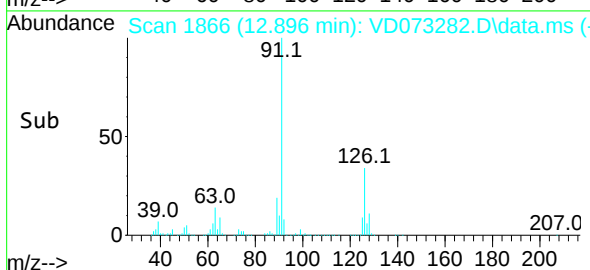
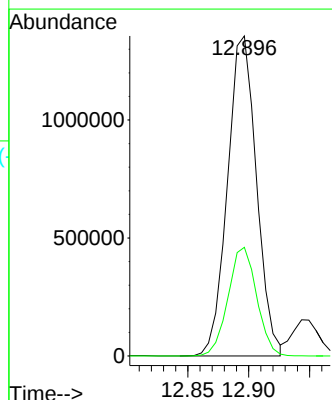
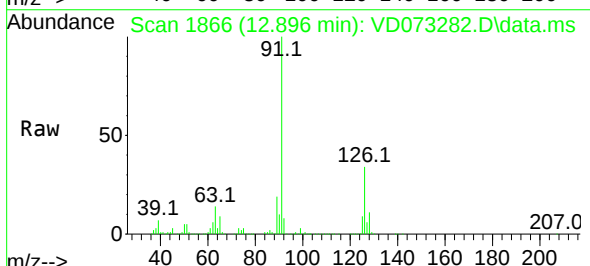
Acq: 23 May 2022 14:48

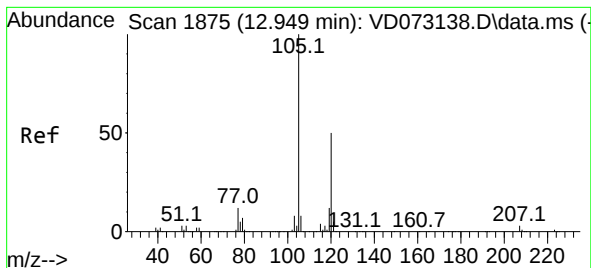
Tgt Ion: 91 Resp: 2254226

Ion Ratio Lower Upper

91 100

126 33.4 16.2 48.6





#80

1,3,5-Trimethylbenzene

Concen: 138.575 ug/l

RT: 12.943 min Scan# 1875

Delta R.T. -0.006 min

Lab File: VD073282.D

Acq: 23 May 2022 14:48

Instrument :

MSVOA_D

ClientSampleId :

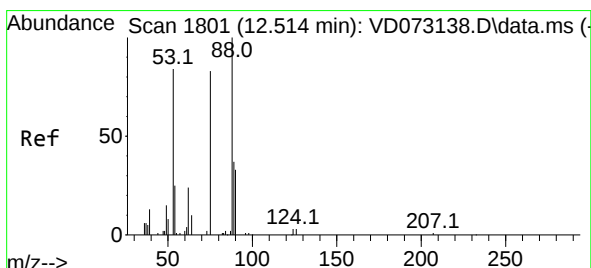
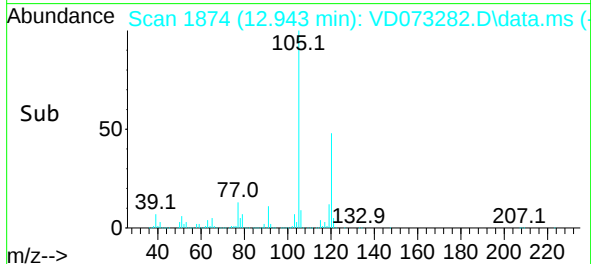
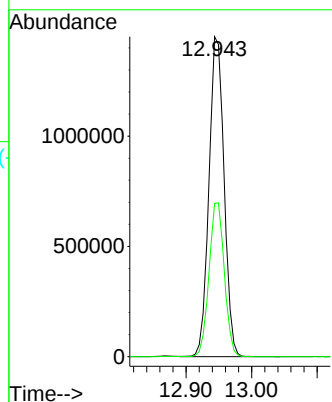
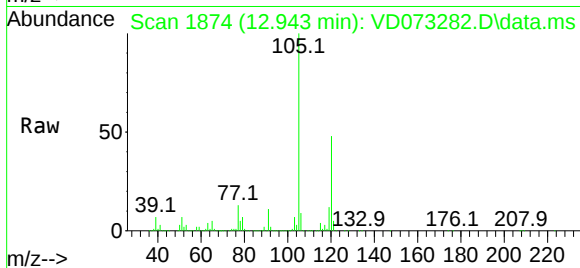
PT-VOA-SOIL

Tgt Ion:105 Resp: 2325820

Ion Ratio Lower Upper

105 100

120 48.7 24.3 72.8



#81

trans-1,4-Dichloro-2-butene

Concen: 110.893 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. 0.106 min

Lab File: VD073282.D

Acq: 23 May 2022 14:48

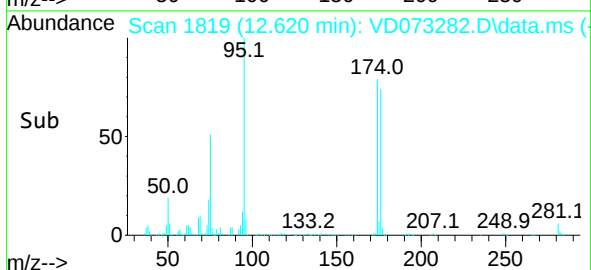
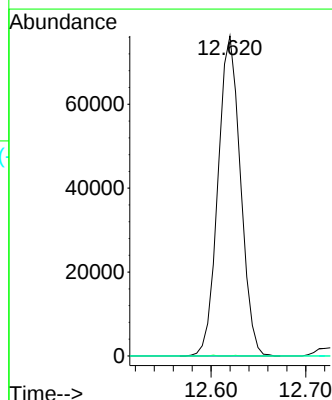
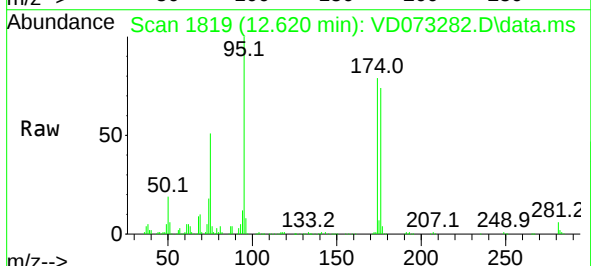
Tgt Ion: 75 Resp: 125963

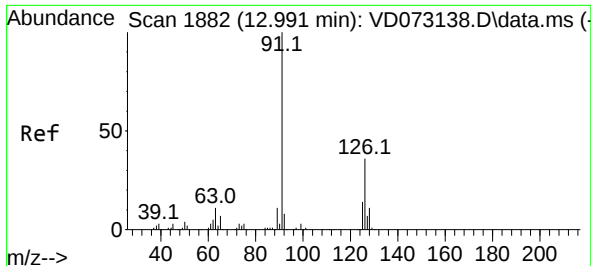
Ion Ratio Lower Upper

75 100

53 0.0 86.5 129.7#

89 0.0 33.9 50.9#

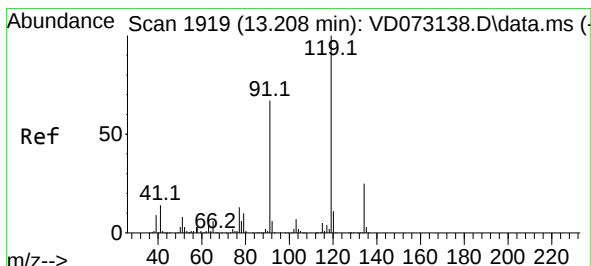
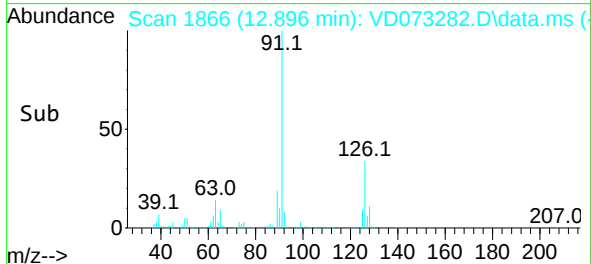
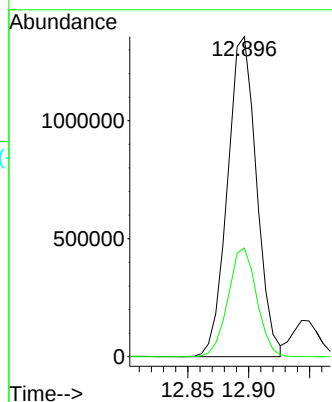
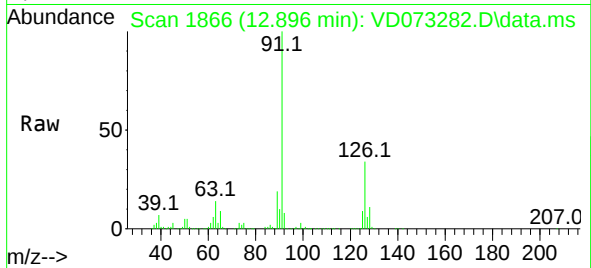




#82
4-Chlorotoluene
Concen: 149.747 ug/l
RT: 12.896 min Scan# 1875
Delta R.T. -0.095 min
Lab File: VD073282.D
Acq: 23 May 2022 14:48

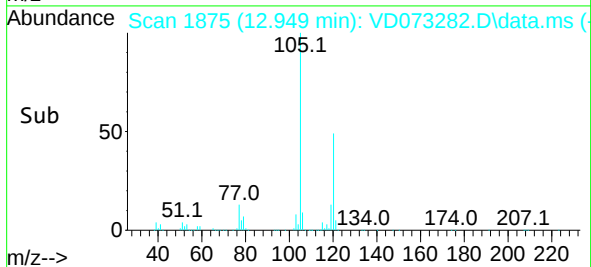
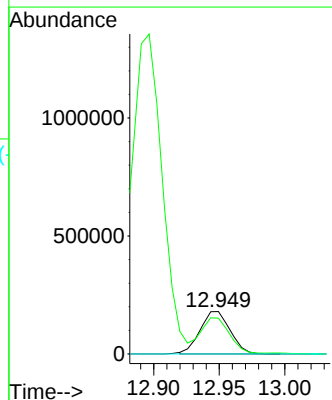
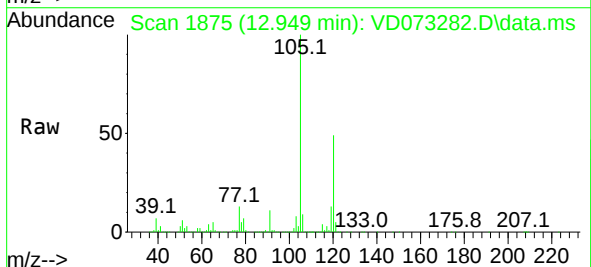
Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOIL

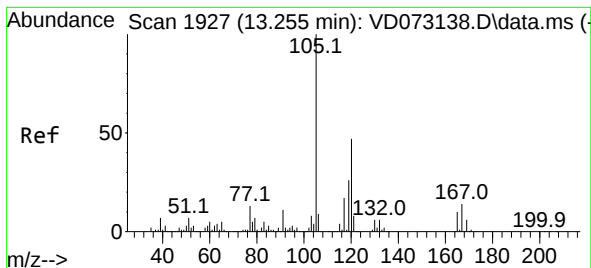
Tgt Ion: 91 Resp: 2254226
Ion Ratio Lower Upper
91 100
126 33.4 16.5 49.5



#83
tert-Butylbenzene
Concen: 20.226 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.259 min
Lab File: VD073282.D
Acq: 23 May 2022 14:48

Tgt Ion: 119 Resp: 286106
Ion Ratio Lower Upper
119 100
91 79.3 34.8 104.5
134 0.0 13.3 39.9#





#84

1,2,4-Trimethylbenzene

Concen: 2.967 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.247 min

Lab File: VD073282.D

Acq: 23 May 2022 14:48

Instrument :

MSVOA_D

ClientSampleId :

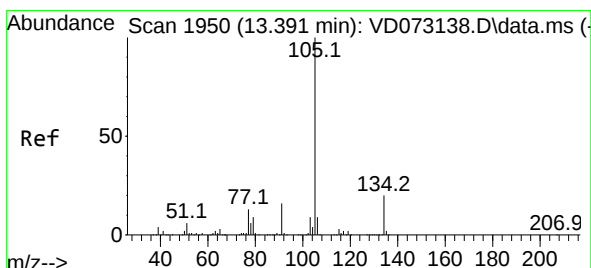
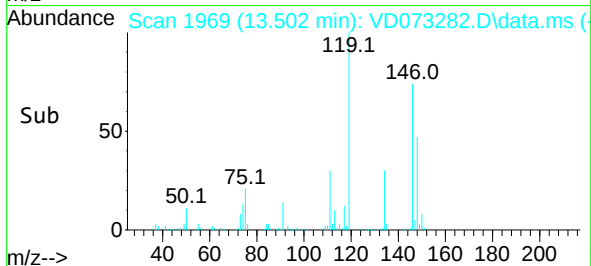
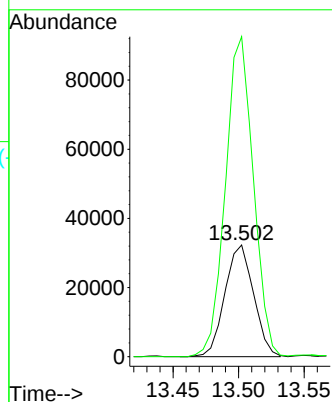
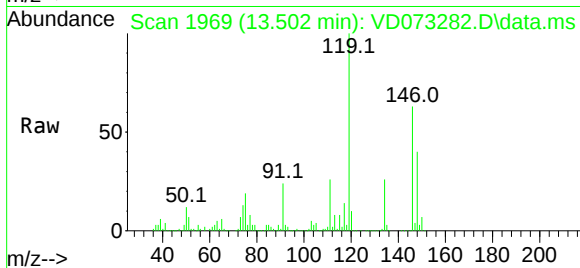
PT-VOA-SOIL

Tgt Ion:105 Resp: 49191

Ion Ratio Lower Upper

105 100

120 278.6 22.3 66.8#



#85

sec-Butylbenzene

Concen: 2.278 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.111 min

Lab File: VD073282.D

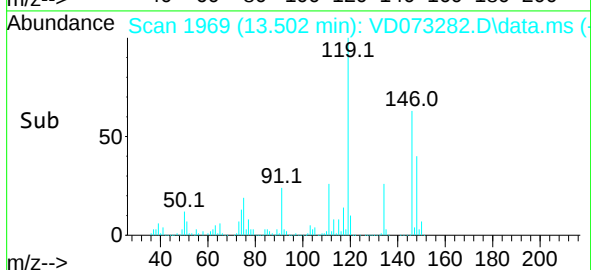
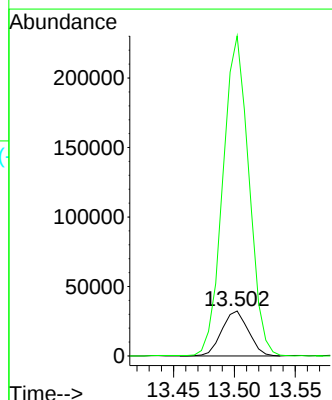
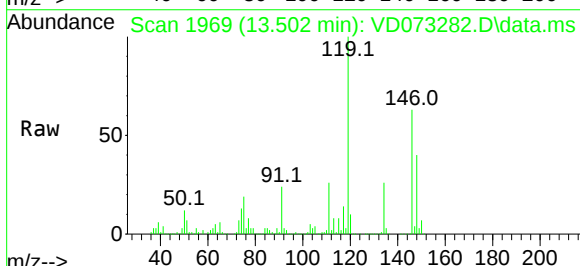
Acq: 23 May 2022 14:48

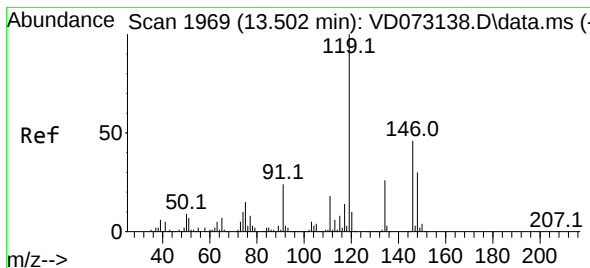
Tgt Ion:105 Resp: 49192

Ion Ratio Lower Upper

105 100

134 698.0 9.8 29.3#

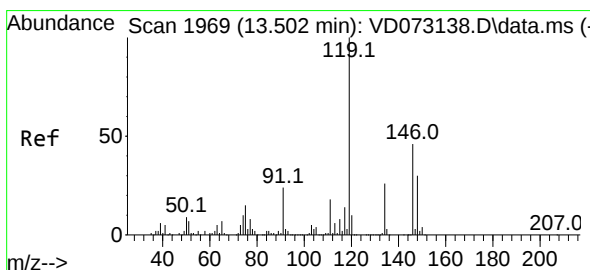
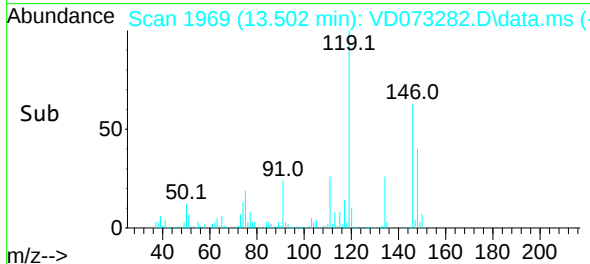
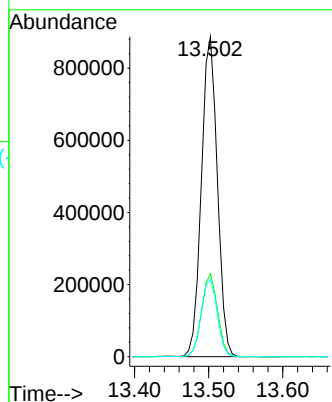
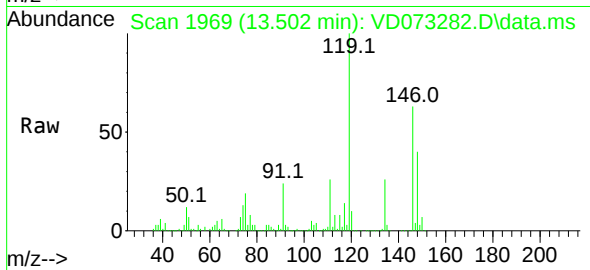




#86
 p-Isopropyltoluene
 Concen: 75.264 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073282.D
 Acq: 23 May 2022 14:48

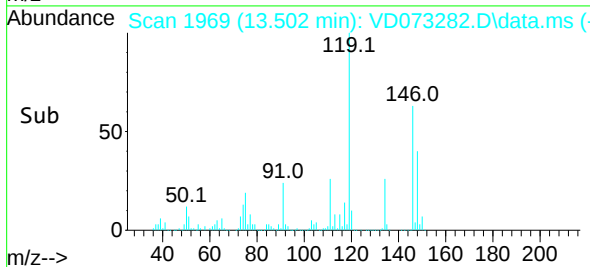
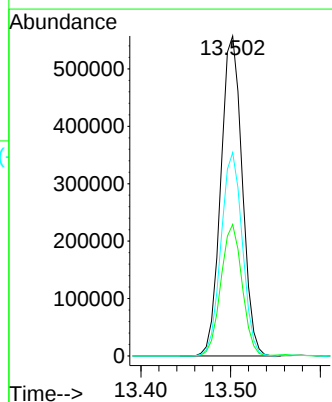
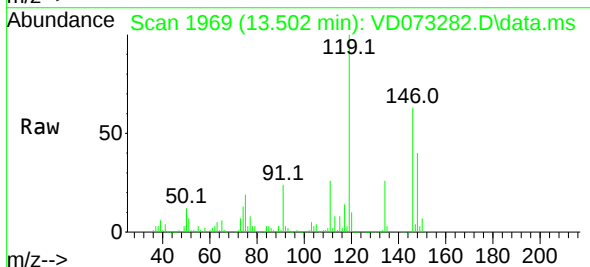
Instrument :
 MSVOA_D
 ClientSampleId :
 PT-VOA-SOIL

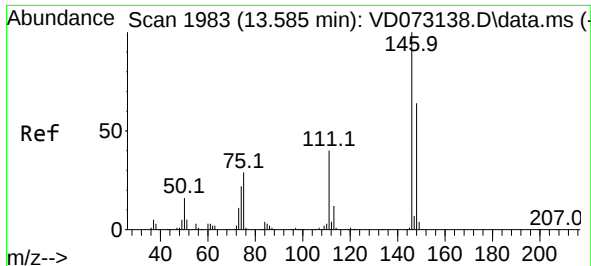
Tgt Ion:119 Resp: 1325126
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.9 38.6
 91 24.2 12.1 36.3



#87
 1,3-Dichlorobenzene
 Concen: 98.062 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073282.D
 Acq: 23 May 2022 14:48

Tgt Ion:146 Resp: 921885
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.4 61.3
 148 63.4 31.9 95.7

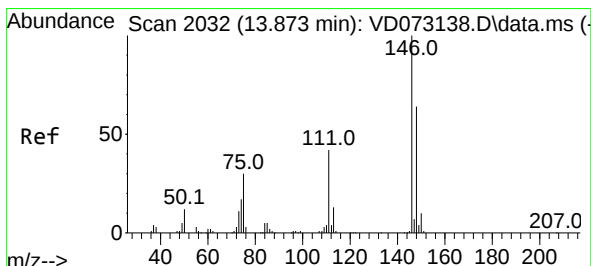
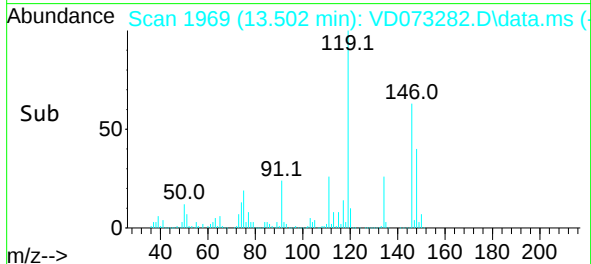
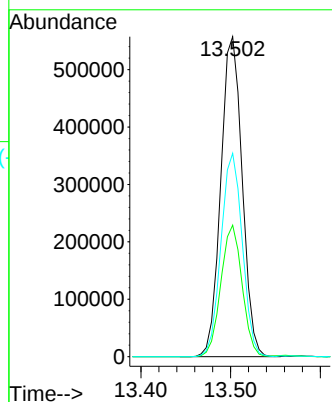
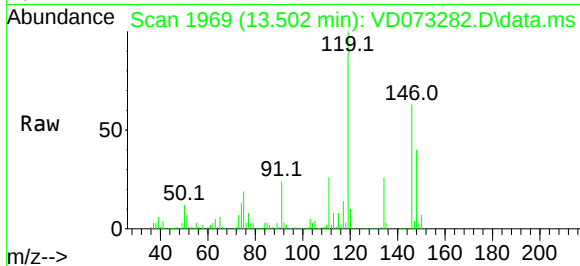




#88
1,4-Dichlorobenzene
Concen: 97.144 ug/l
RT: 13.502 min Scan# 1983
Delta R.T. -0.083 min
Lab File: VD073282.D
Acq: 23 May 2022 14:48

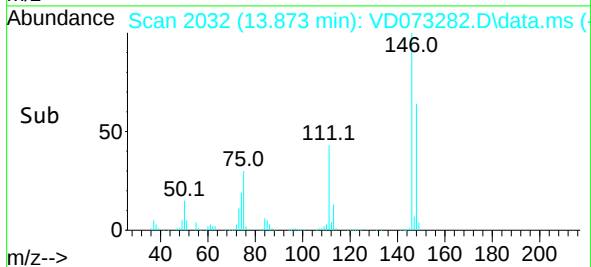
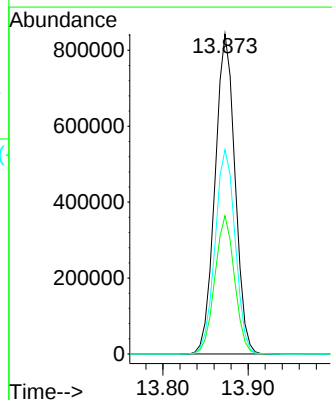
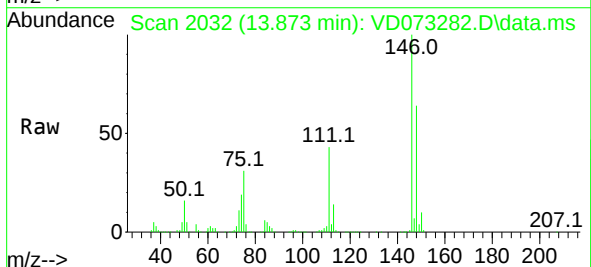
Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOIL

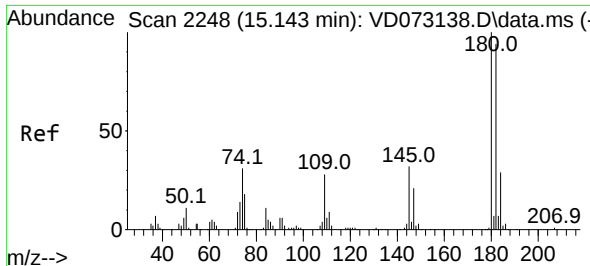
Tgt Ion:146 Resp: 921885
Ion Ratio Lower Upper
146 100
111 40.8 20.3 60.9
148 63.4 31.7 95.1



#91
1,2-Dichlorobenzene
Concen: 168.783 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD073282.D
Acq: 23 May 2022 14:48

Tgt Ion:146 Resp: 1372888
Ion Ratio Lower Upper
146 100
111 42.6 21.1 63.3
148 64.5 31.7 95.1

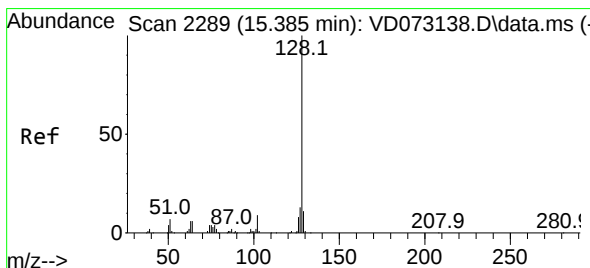
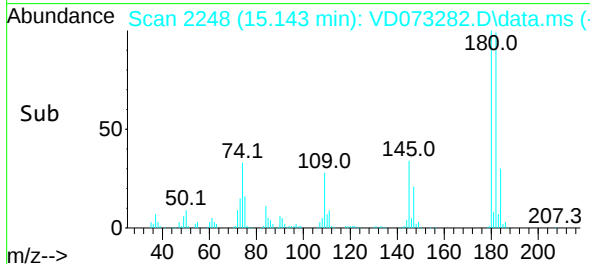
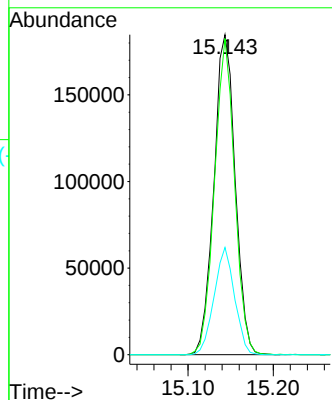
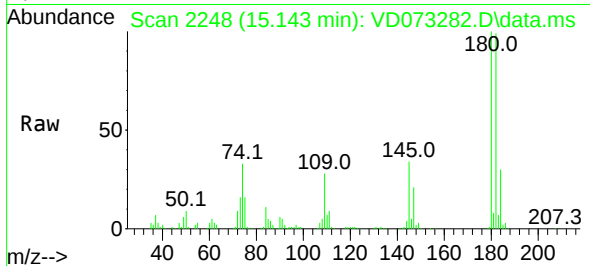




#93
1,2,4-Trichlorobenzene
Concen: 69.532 ug/l
RT: 15.143 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD073282.D
Acq: 23 May 2022 14:48

Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOIL

Tgt Ion:180 Resp: 321093
Ion Ratio Lower Upper
180 100
182 93.3 47.3 142.0
145 32.1 16.2 48.5



#95
Naphthalene
Concen: 177.686 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.006 min
Lab File: VD073282.D
Acq: 23 May 2022 14:48

Tgt Ion:128 Resp: 1704572
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.4 12.6

