

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110322\
 Data File : VD074713.D
 Acq On : 03 Nov 2022 14:14
 Operator : VA/SY
 Sample : N5317-24
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PT-VOA-SOIL

Quant Time: Nov 04 00:02:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	153132	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	257006	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	203779	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	91230	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	56944	46.951	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.900%
35) Dibromofluoromethane	7.804	113	70627	46.456	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.920%
50) Toluene-d8	10.269	98	241701	43.584	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	87.160%
62) 4-Bromofluorobenzene	12.569	95	71919	44.916	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.840%

Target Compounds			Qvalue			
10) Methyl Iodide	4.158	142	1135	6.036	ug/l #	56
11) Tert butyl alcohol	5.005	59	5285	Below Cal	#	84
12) 1,1-Dichloroethene	3.934	96	300531	182.172	ug/l	92
14) Allyl chloride	4.805	41	6597	3.779	ug/l #	20
15) Acrylonitrile	5.305	53	5245	17.769	ug/l #	11
16) Acetone	4.016	43	99761	394.161	ug/l	99
19) Methyl tert-butyl Ether	5.316	73	595225	189.716	ug/l	98
20) Methylene Chloride	4.793	84	229055	122.334	ug/l	94
21) trans-1,2-Dichloroethene	5.310	96	244238	134.703	ug/l	95
24) 1,1-Dichloroethane	6.110	63	511602	185.665	ug/l	98
25) 2-Butanone	7.081	43	108989	313.188	ug/l	95
26) 2,2-Dichloropropane	7.075	77	427766	168.713	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	311647	155.818	ug/l	100
28) Bromochloromethane	7.593	49	32360	37.214	ug/l #	1
29) Tetrahydrofuran	7.593	42	863	4.324	ug/l #	1
30) Chloroform	7.593	83	499229	169.591	ug/l	99
31) Cyclohexane	7.881	56	2537	1.033	ug/l #	1
32) 1,1,1-Trichloroethane	7.793	97	76665	29.481	ug/l	97
36) 1,1-Dichloropropene	8.004	75	296743	128.592	ug/l	99
37) Ethyl Acetate	7.081	43	108989	141.582	ug/l #	1
38) Carbon Tetrachloride	7.875	117	14513	6.638	ug/l #	18
40) Benzene	8.251	78	1120422	164.267	ug/l	98
41) Methacrylonitrile	7.581	41	1591	7.344	ug/l #	17
42) 1,2-Dichloroethane	8.322	62	262052	167.119	ug/l	100
45) 1,2-Dichloropropane	9.304	63	92588	61.377	ug/l	95
46) Dibromomethane	9.581	93	10755	12.303	ug/l #	1
47) Bromodichloromethane	9.587	83	360298	171.193	ug/l	98
48) Methyl methacrylate	9.304	41	38910	60.959	ug/l #	19
49) 1,4-Dioxane	9.575	88	232	26.316	ug/l #	32
51) 4-Methyl-2-Pentanone	10.275	43	805	1.159	ug/l #	1
52) Toluene	10.334	92	665175	159.280	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	111287	59.786	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	285891	122.397	ug/l	99
55) 1,1,2-Trichloroethane	10.734	97	128368	108.089	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.893	63	58	Below Cal	#	42
59) 2-Hexanone	10.922	43	118242	247.464	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110322\
 Data File : VD074713.D
 Acq On : 03 Nov 2022 14:14
 Operator : VA/SY
 Sample : N5317-24
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

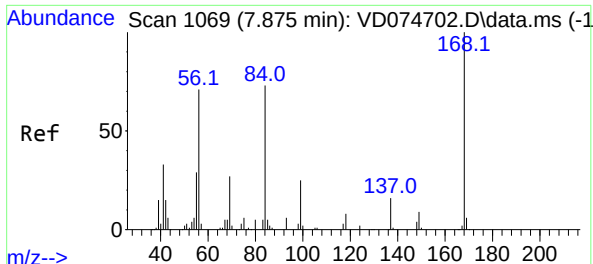
Instrument :
 MSVOA_D
 ClientSampleId :
 PT-VOA-SOIL

Quant Time: Nov 04 00:02:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

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

60) Dibromochloromethane	11.075	129	123049	86.789	ug/l	100
65) Chlorobenzene	11.604	112	767374	190.151	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	239097	174.625	ug/l	98
67) Ethyl Benzene	11.792	91	750891	104.999	ug/l #	69
68) m/p-Xylenes	11.792	106	387176	136.368	ug/l	99
69) o-Xylene	12.122	106	371720	142.412	ug/l	97
70) Styrene	12.122	104	18798	4.251	ug/l #	1
71) Bromoform	12.298	173	56897	77.596	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	12.669	83	34121	30.465	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	80869	114.348	ug/l #	1
78) n-propylbenzene	12.945	91	509068	63.755	ug/l #	52
79) 2-Chlorotoluene	12.945	91	509068	118.401	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.569	75	36130	121.269	ug/l #	17
82) 4-Chlorotoluene	12.945	91	509068	113.836	ug/l	99
83) tert-Butylbenzene	13.210	119	132822	27.716	ug/l #	70
84) 1,2,4-Trimethylbenzene	13.210	105	1028081	191.601	ug/l	98
85) sec-Butylbenzene	13.210	105	1028081	142.197	ug/l #	56
86) p-Isopropyltoluene	13.210	119	132501	21.760	ug/l #	20
91) 1,2-Dichlorobenzene	13.828	146	363534	134.122	ug/l	99
95) Naphthalene	15.328	128	436895	135.915	ug/l	99

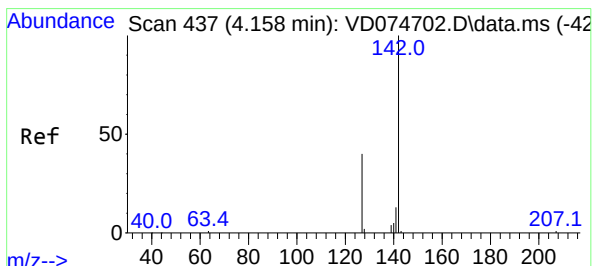
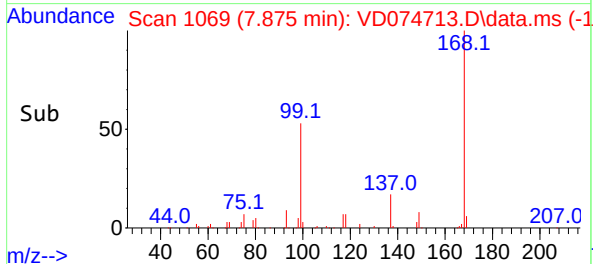
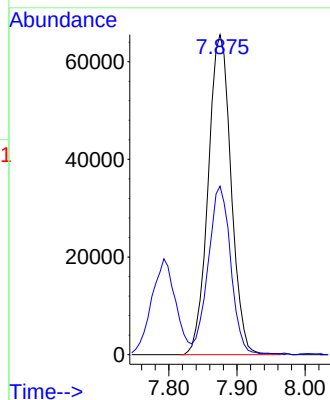
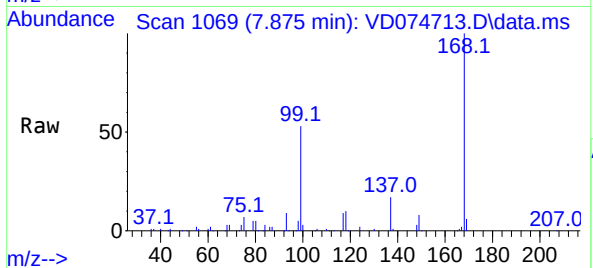
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074713.D
Acq: 03 Nov 2022 14:14

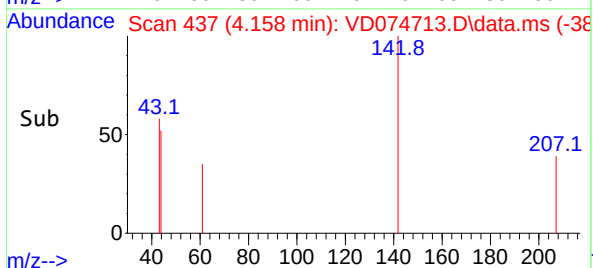
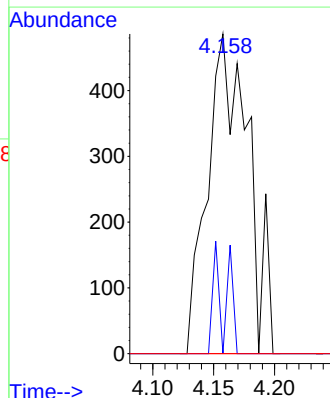
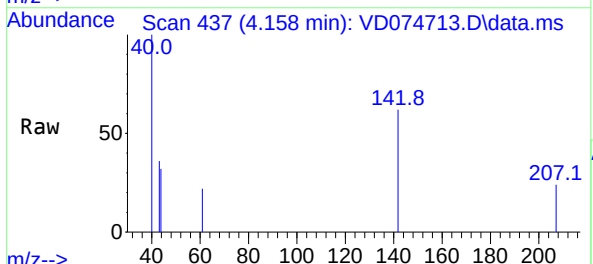
Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOIL

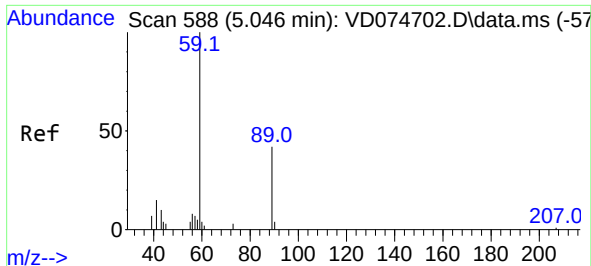
Tgt Ion:168 Resp: 153132
Ion Ratio Lower Upper
168 100
99 52.4 40.9 61.3



#10
Methyl Iodide
Concen: 6.036 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.000 min
Lab File: VD074713.D
Acq: 03 Nov 2022 14:14

Tgt Ion:142 Resp: 1135
Ion Ratio Lower Upper
142 100
127 10.5 31.9 47.9#
141 0.0 11.4 17.2#

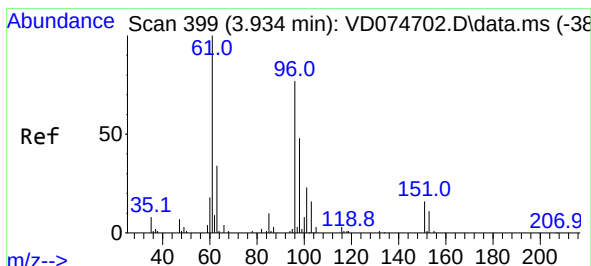
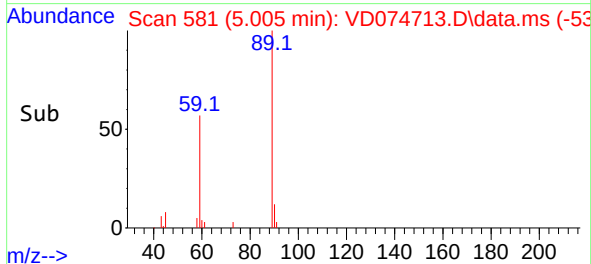
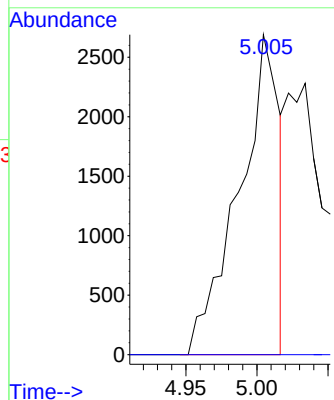
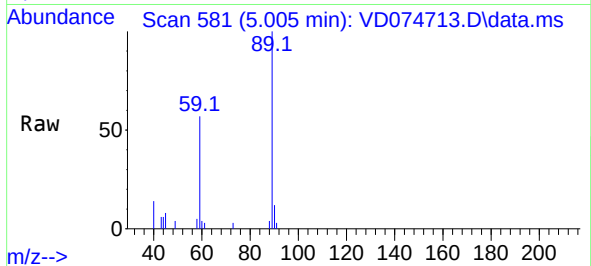




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.005 min Scan# 581
Delta R.T. -0.041 min
Lab File: VD074713.D
Acq: 03 Nov 2022 14:14

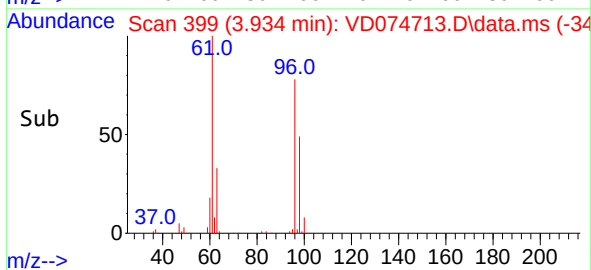
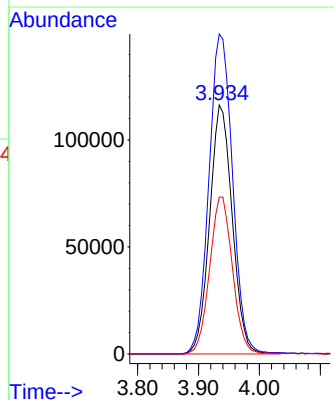
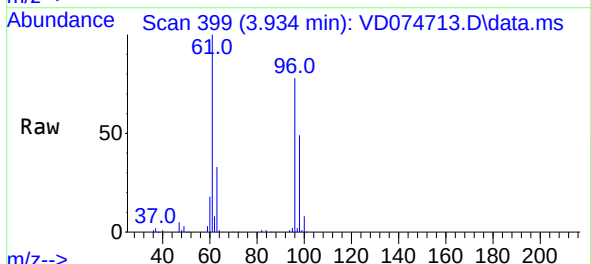
Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOIL

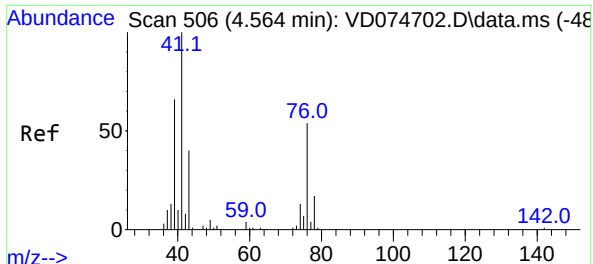
Tgt Ion: 59 Resp: 5285
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#



#12
1,1-Dichloroethene
Concen: 182.172 ug/l
RT: 3.934 min Scan# 399
Delta R.T. 0.000 min
Lab File: VD074713.D
Acq: 03 Nov 2022 14:14

Tgt Ion: 96 Resp: 300531
Ion Ratio Lower Upper
96 100
61 128.5 113.9 170.9
98 63.0 51.8 77.8

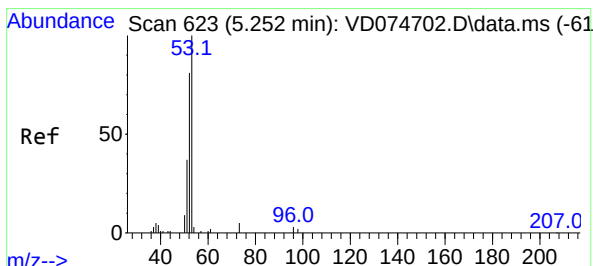
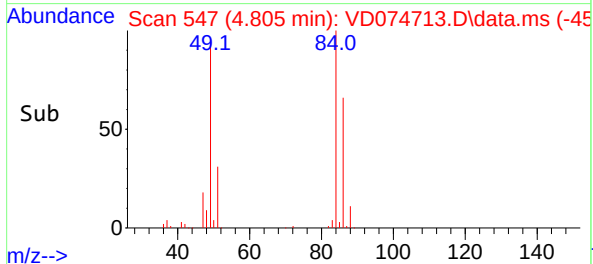
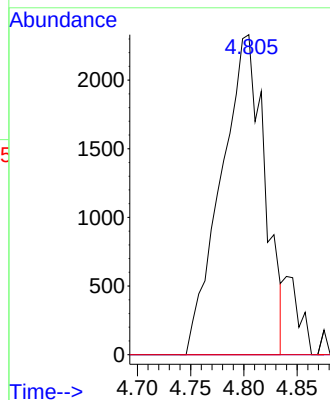
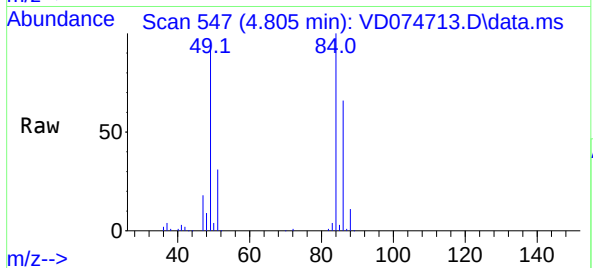




#14
 Allyl chloride
 Concen: 3.779 ug/l
 RT: 4.805 min Scan# 547
 Delta R.T. 0.241 min
 Lab File: VD074713.D
 Acq: 03 Nov 2022 14:14

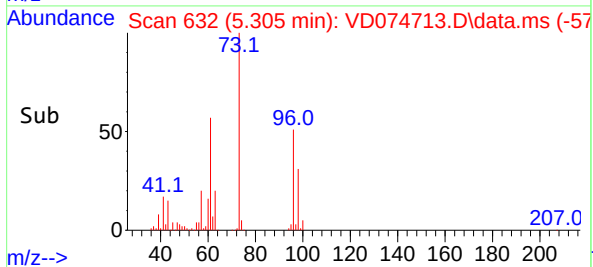
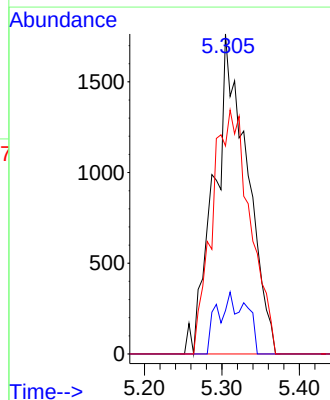
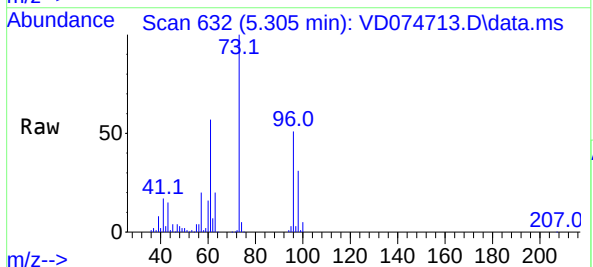
Instrument :
 MSVOA_D
 ClientSampleId :
 PT-VOA-SOIL

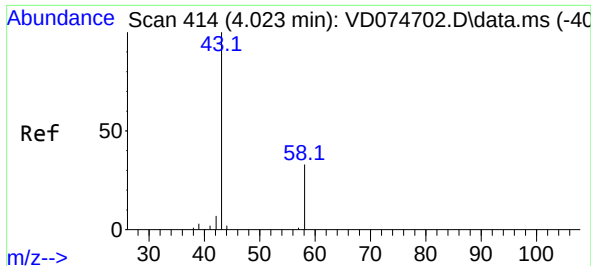
Tgt Ion: 41 Resp: 6597
 Ion Ratio Lower Upper
 41 100
 39 0.0 53.4 80.2#
 76 0.0 42.4 63.6#



#15
 Acrylonitrile
 Concen: 17.769 ug/l
 RT: 5.305 min Scan# 632
 Delta R.T. 0.053 min
 Lab File: VD074713.D
 Acq: 03 Nov 2022 14:14

Tgt Ion: 53 Resp: 5245
 Ion Ratio Lower Upper
 53 100
 52 3.1 66.0 99.0#
 51 87.4 28.3 42.5#

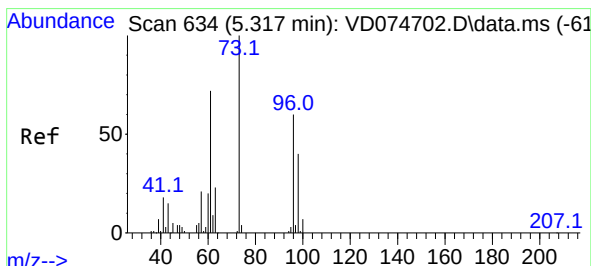
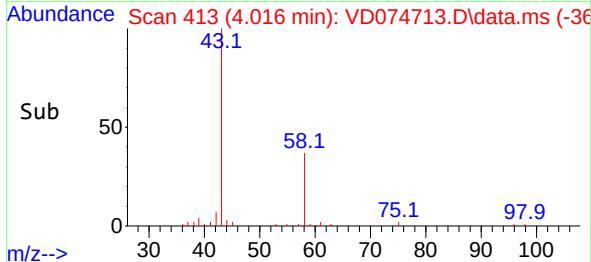
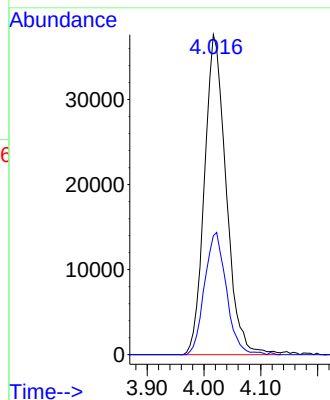
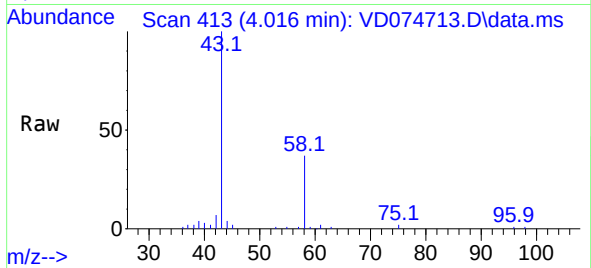




#16
Acetone
Concen: 394.161 ug/l
RT: 4.016 min Scan# 41
Delta R.T. -0.007 min
Lab File: VD074713.D
Acq: 03 Nov 2022 14:14

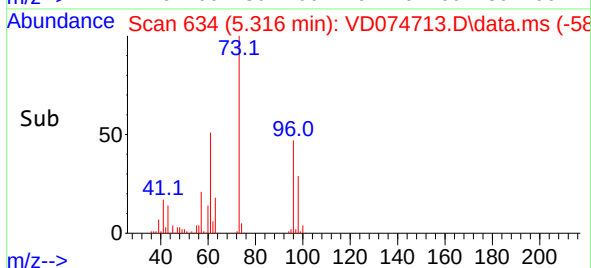
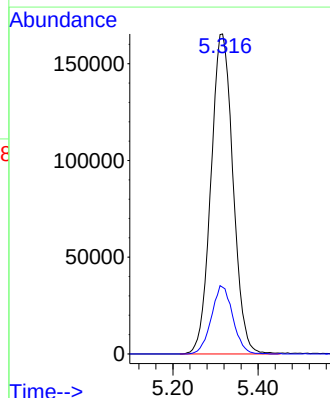
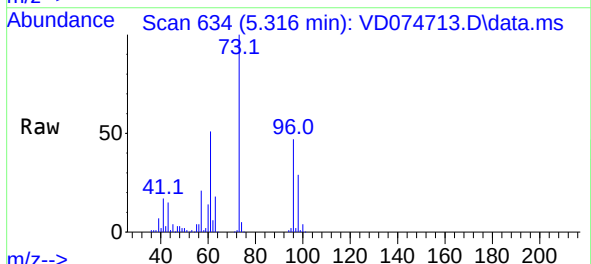
Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOIL

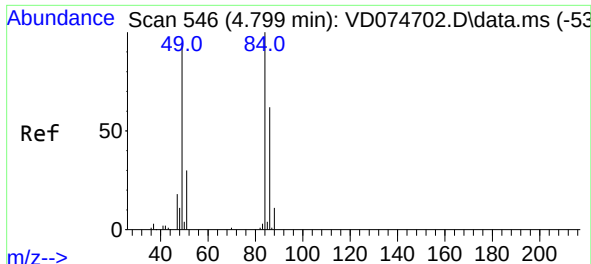
Tgt Ion: 43 Resp: 99761
Ion Ratio Lower Upper
43 100
58 37.1 30.2 45.2



#19
Methyl tert-butyl Ether
Concen: 189.716 ug/l
RT: 5.316 min Scan# 634
Delta R.T. -0.001 min
Lab File: VD074713.D
Acq: 03 Nov 2022 14:14

Tgt Ion: 73 Resp: 595225
Ion Ratio Lower Upper
73 100
57 20.9 16.1 24.1



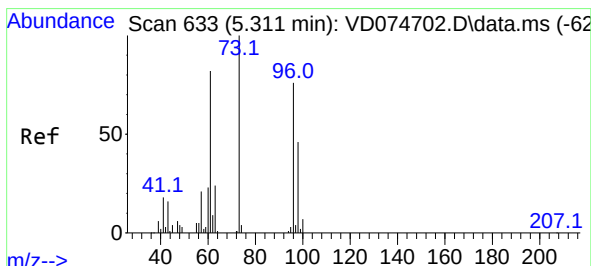
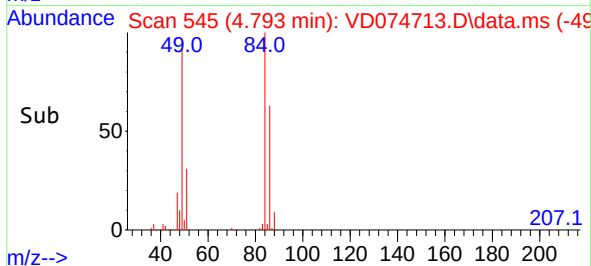
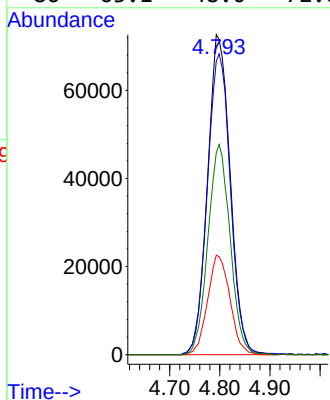
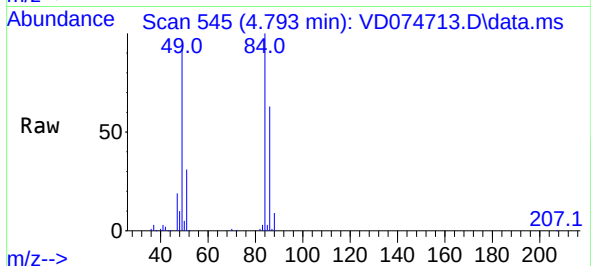


#20
Methylene Chloride
Concen: 122.334 ug/l
RT: 4.793 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD074713.D
Acq: 03 Nov 2022 14:14

Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOIL

Tgt Ion: 84 Resp: 229055

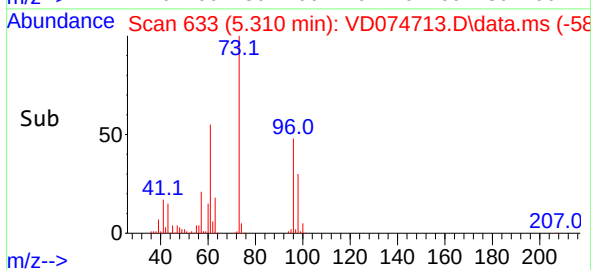
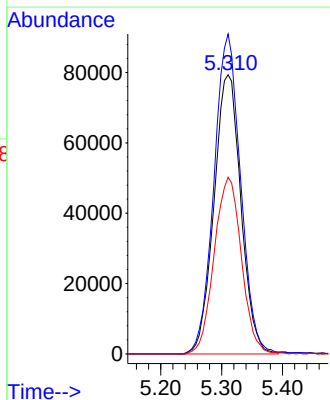
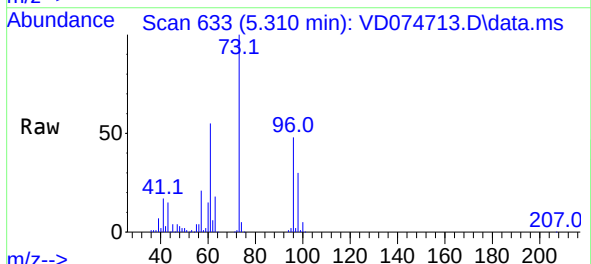
Ion	Ratio	Lower	Upper
84	100		
49	91.7	68.0	102.0
51	31.1	23.2	34.8
86	63.1	48.0	72.0

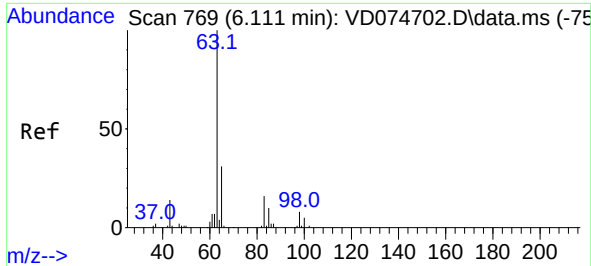


#21
trans-1,2-Dichloroethene
Concen: 134.703 ug/l
RT: 5.310 min Scan# 633
Delta R.T. -0.001 min
Lab File: VD074713.D
Acq: 03 Nov 2022 14:14

Tgt Ion: 96 Resp: 244238

Ion	Ratio	Lower	Upper
96	100		
61	114.6	95.7	143.5
98	63.3	54.8	82.2

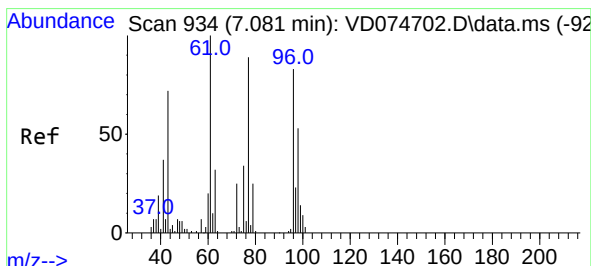
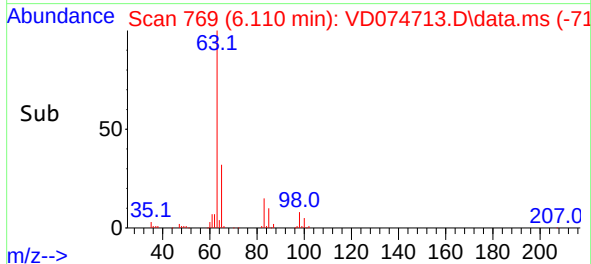
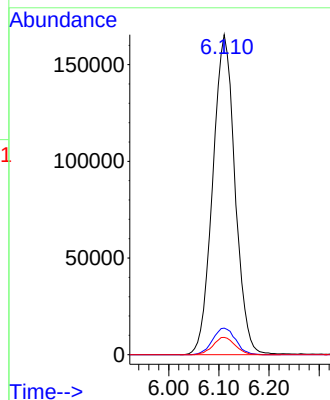
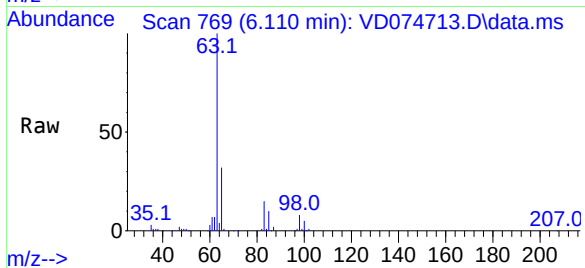




#24
1,1-Dichloroethane
Concen: 185.665 ug/l
RT: 6.110 min Scan# 70
Delta R.T. -0.001 min
Lab File: VD074713.D
Acq: 03 Nov 2022 14:14

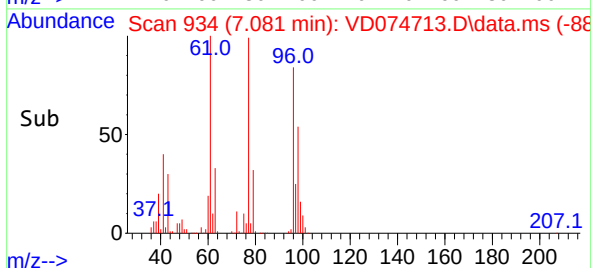
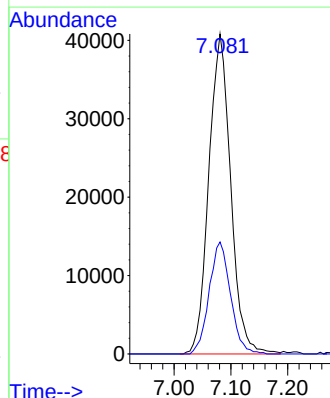
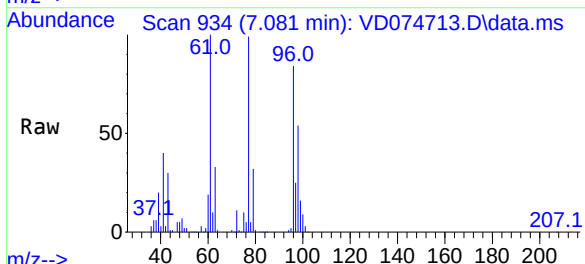
Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOIL

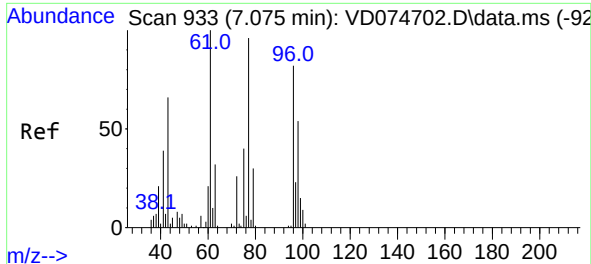
Tgt Ion: 63 Resp: 511602
Ion Ratio Lower Upper
63 100
98 8.3 4.6 13.8
100 5.4 2.9 8.6



#25
2-Butanone
Concen: 313.188 ug/l
RT: 7.081 min Scan# 934
Delta R.T. -0.000 min
Lab File: VD074713.D
Acq: 03 Nov 2022 14:14

Tgt Ion: 43 Resp: 108989
Ion Ratio Lower Upper
43 100
72 35.0 25.8 38.8

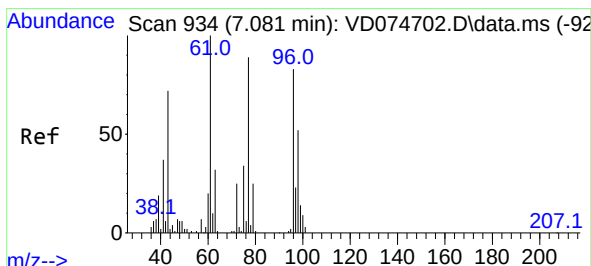
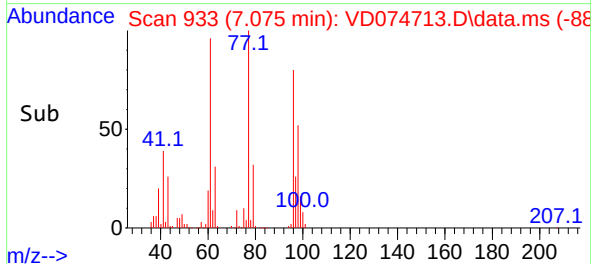
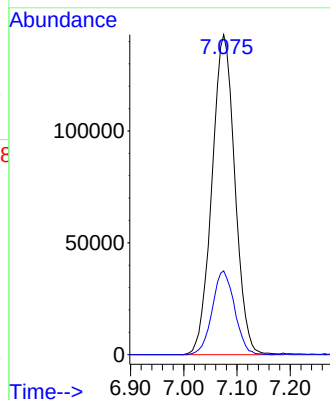
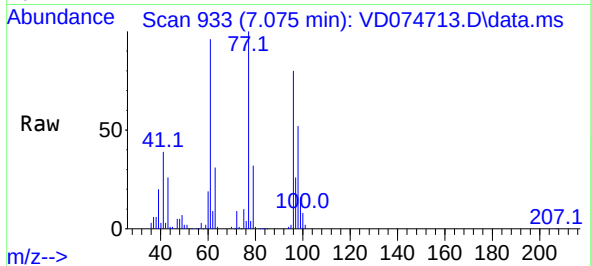




#26
2,2-Dichloropropane
Concen: 168.713 ug/l
RT: 7.075 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD074713.D
Acq: 03 Nov 2022 14:14

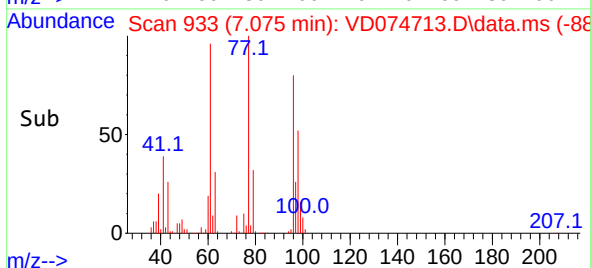
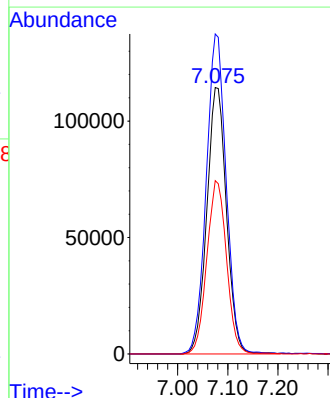
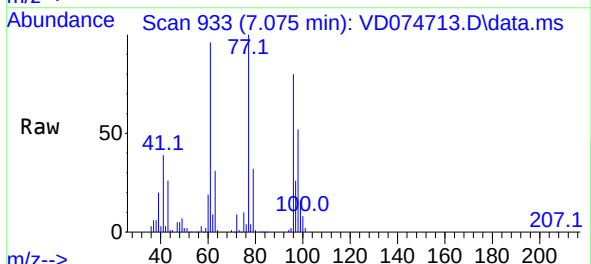
Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOIL

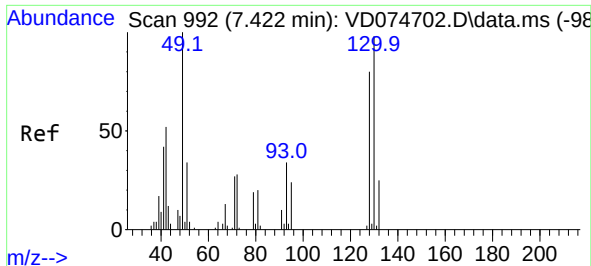
Tgt Ion: 77 Resp: 427766
Ion Ratio Lower Upper
77 100
97 25.5 12.5 37.5



#27
cis-1,2-Dichloroethene
Concen: 155.818 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD074713.D
Acq: 03 Nov 2022 14:14

Tgt Ion: 96 Resp: 311647
Ion Ratio Lower Upper
96 100
61 121.5 0.0 242.4
98 65.0 0.0 130.0

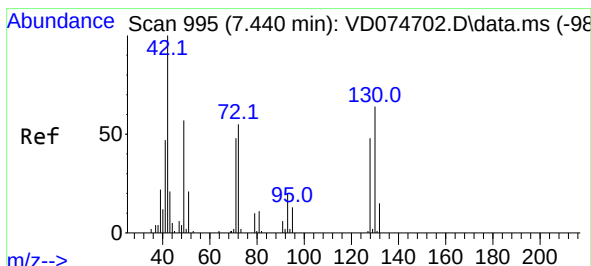
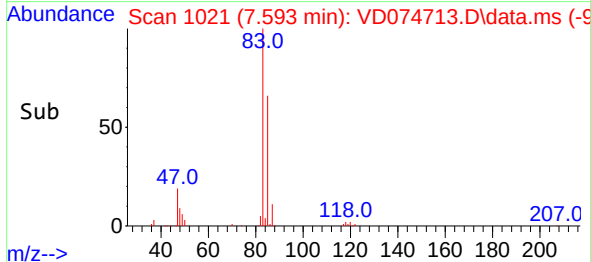
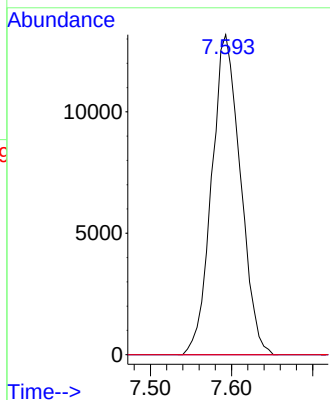
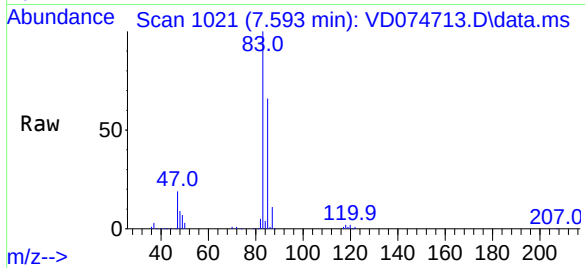




#28
Bromochloromethane
Concen: 37.214 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. 0.171 min
Lab File: VD074713.D
Acq: 03 Nov 2022 14:14

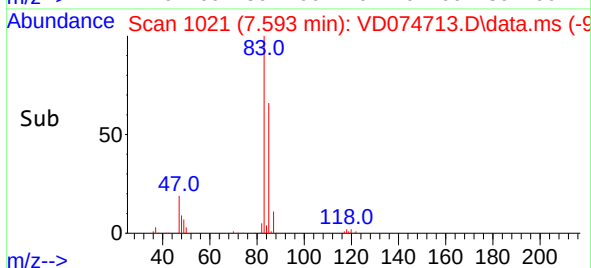
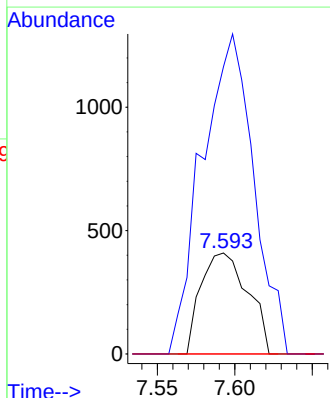
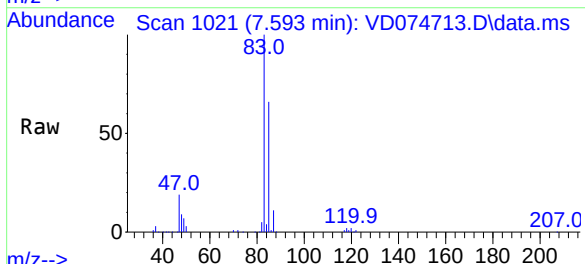
Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOIL

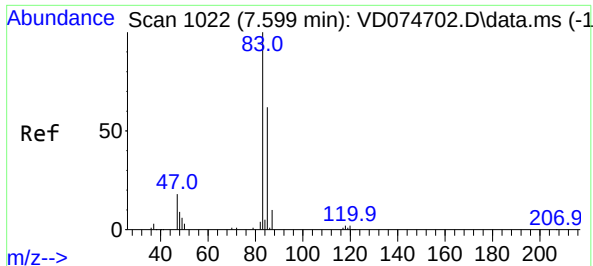
Tgt Ion: 49 Resp: 32360
Ion Ratio Lower Upper
49 100
129 0.0 0.0 5.0
130 0.0 84.1 126.1#



#29
Tetrahydrofuran
Concen: 4.324 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. 0.153 min
Lab File: VD074713.D
Acq: 03 Nov 2022 14:14

Tgt Ion: 42 Resp: 863
Ion Ratio Lower Upper
42 100
72 347.5 45.8 68.6#
71 0.0 44.6 66.8#

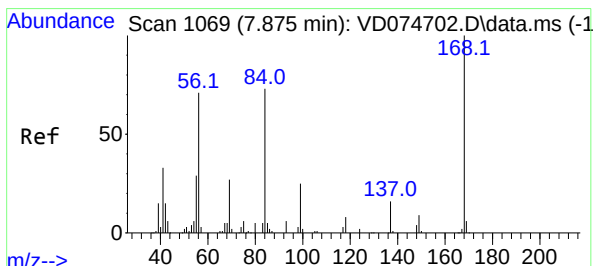
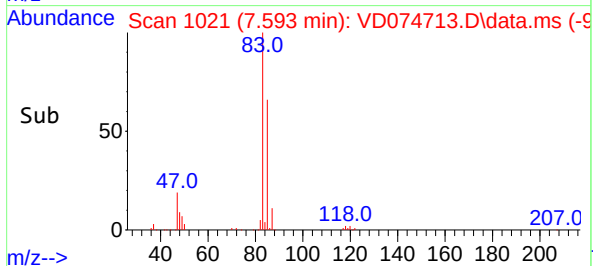
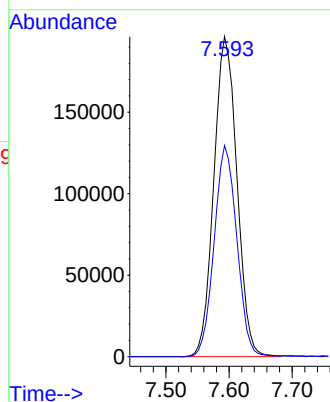
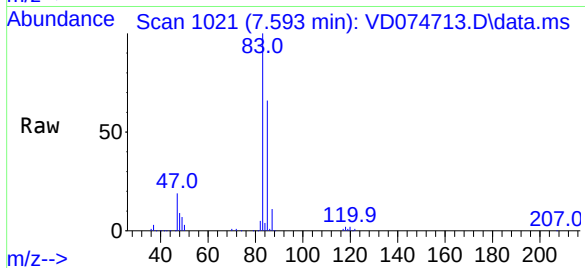




#30
Chloroform
Concen: 169.591 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VD074713.D
Acq: 03 Nov 2022 14:14

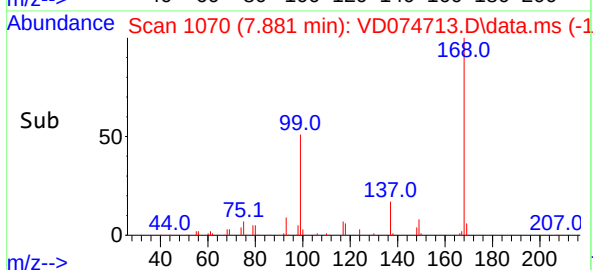
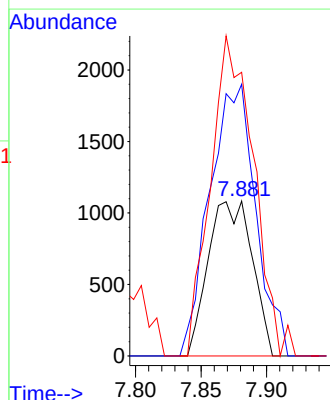
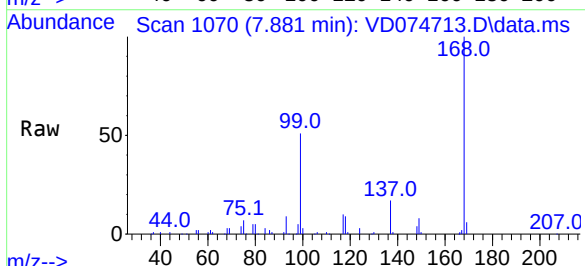
Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOIL

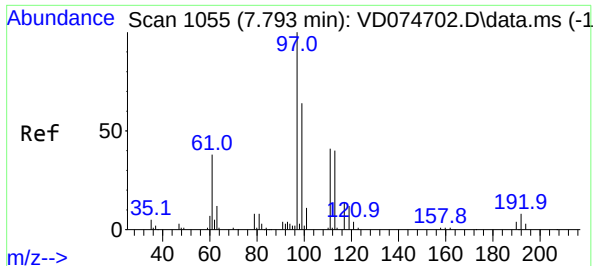
Tgt Ion: 83 Resp: 499229
Ion Ratio Lower Upper
83 100
85 66.0 52.0 78.0



#31
Cyclohexane
Concen: 1.033 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD074713.D
Acq: 03 Nov 2022 14:14

Tgt Ion: 56 Resp: 2537
Ion Ratio Lower Upper
56 100
69 175.4 29.2 43.8#
84 183.2 83.4 125.2#

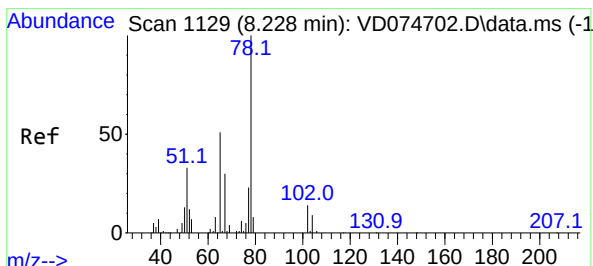
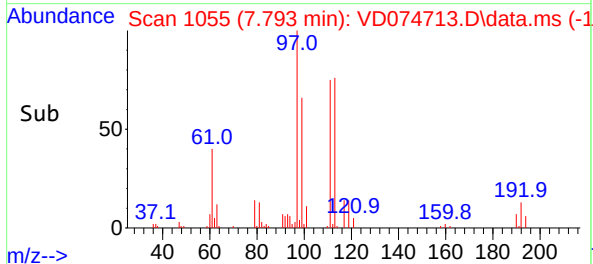
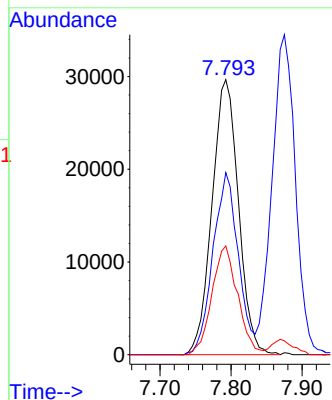
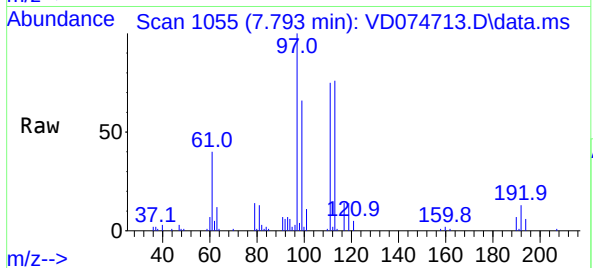




#32
1,1,1-Trichloroethane
Concen: 29.481 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD074713.D
Acq: 03 Nov 2022 14:14

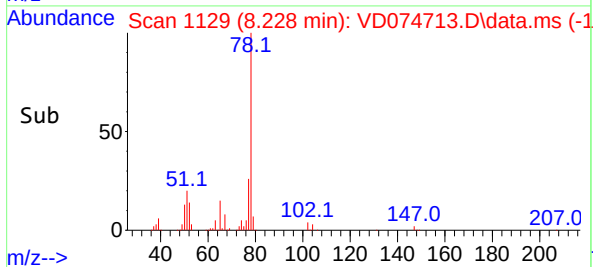
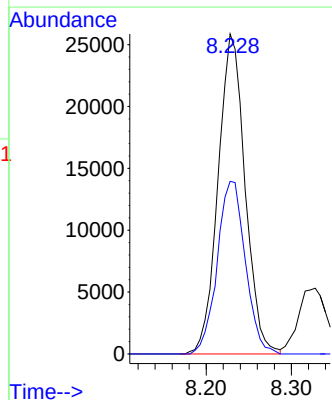
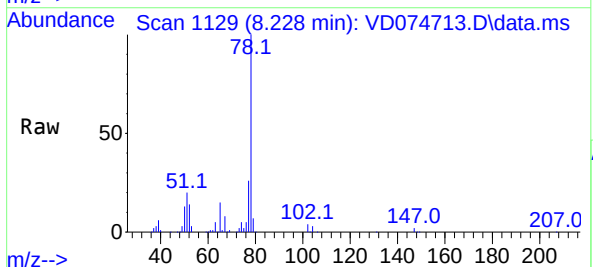
Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOIL

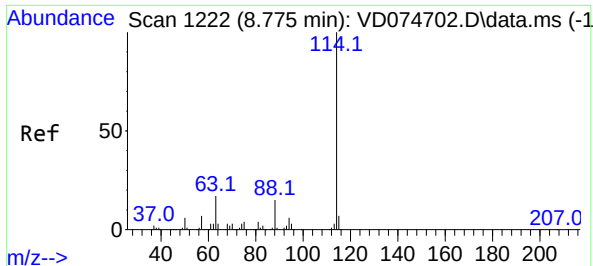
Tgt Ion:	97	Resp:	76665
Ion	Ratio	Lower	Upper
97	100		
99	63.6	53.3	79.9
61	38.6	30.2	45.4



#33
1,2-Dichloroethane-d4
Concen: 46.951 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD074713.D
Acq: 03 Nov 2022 14:14

Tgt Ion:	65	Resp:	56944
Ion	Ratio	Lower	Upper
65	100		
67	56.2	0.0	110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD074713.D

Acq: 03 Nov 2022 14:14

Instrument :

MSVOA_D

ClientSampleId :

PT-VOA-SOIL

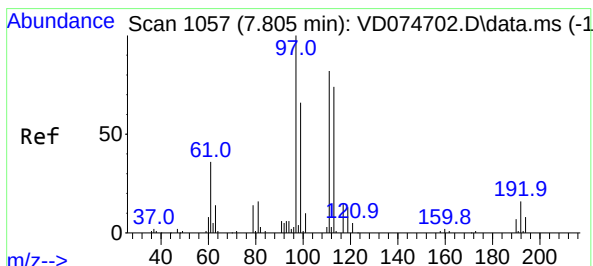
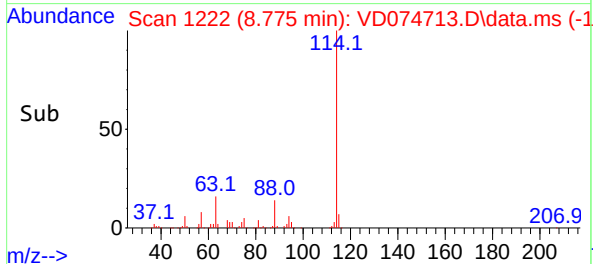
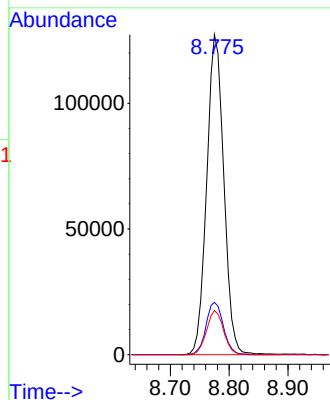
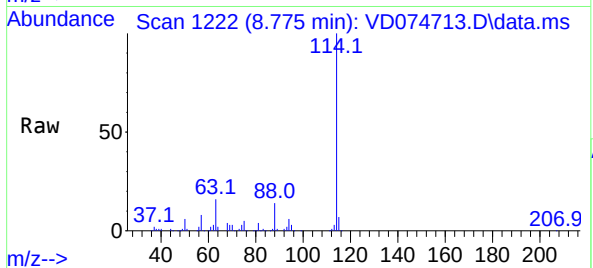
Tgt Ion:114 Resp: 257006

Ion Ratio Lower Upper

114 100

63 16.4 0.0 33.2

88 13.8 0.0 28.2



#35

Dibromofluoromethane

Concen: 46.456 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD074713.D

Acq: 03 Nov 2022 14:14

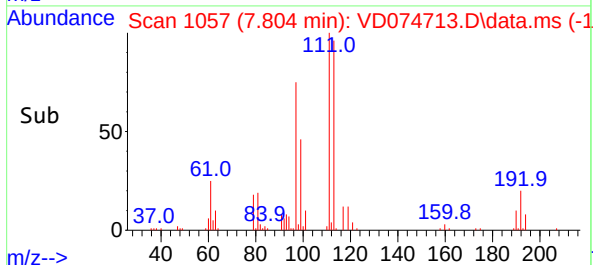
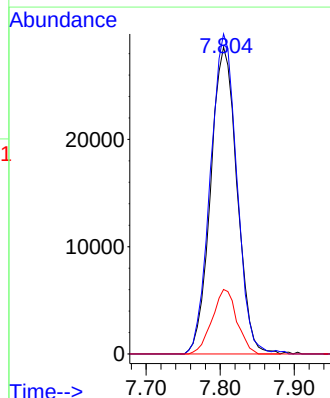
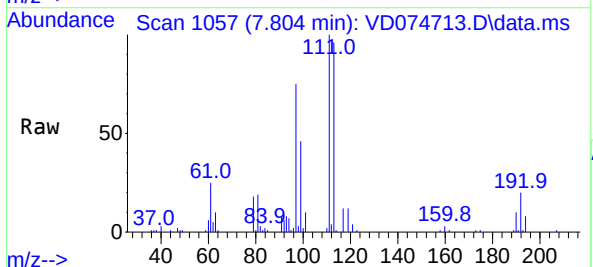
Tgt Ion:113 Resp: 70627

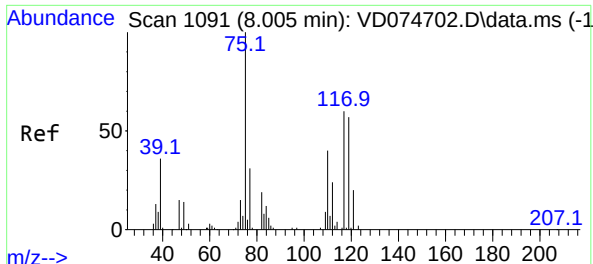
Ion Ratio Lower Upper

113 100

111 104.4 82.3 123.5

192 19.7 16.4 24.6





#36

1,1-Dichloropropene

Concen: 128.592 ug/l

RT: 8.004 min Scan# 1091

Delta R.T. -0.001 min

Lab File: VD074713.D

Acq: 03 Nov 2022 14:14

Instrument :

MSVOA_D

ClientSampleId :

PT-VOA-SOIL

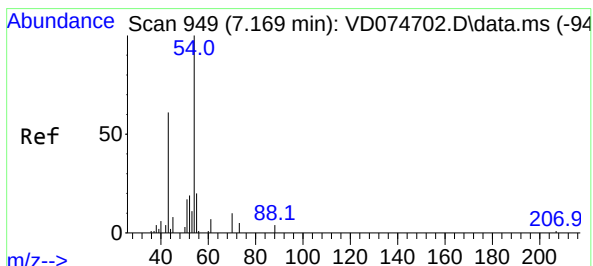
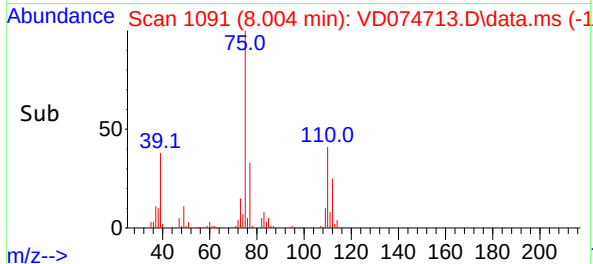
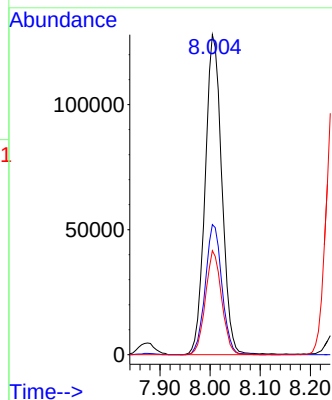
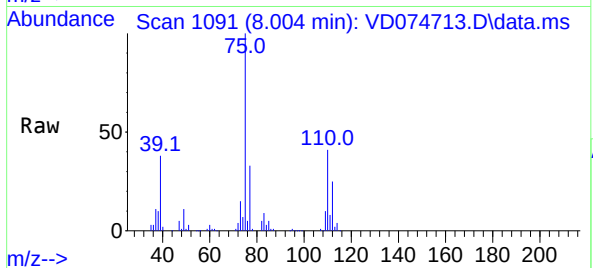
Tgt Ion: 75 Resp: 296743

Ion Ratio Lower Upper

75 100

110 40.4 19.7 59.0

77 31.4 25.4 38.2



#37

Ethyl Acetate

Concen: 141.582 ug/l

RT: 7.081 min Scan# 934

Delta R.T. -0.088 min

Lab File: VD074713.D

Acq: 03 Nov 2022 14:14

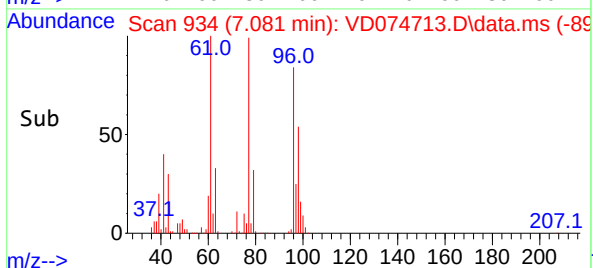
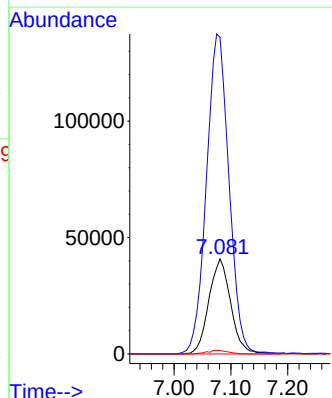
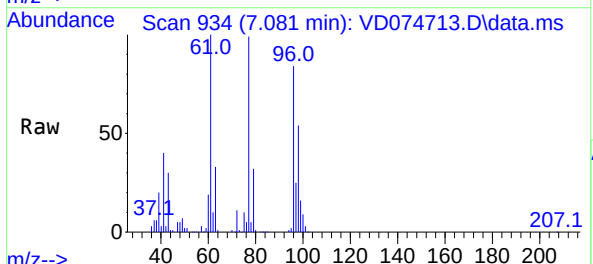
Tgt Ion: 43 Resp: 108989

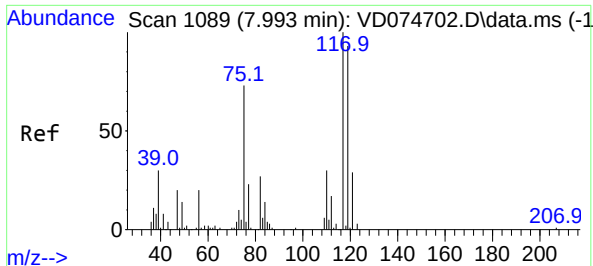
Ion Ratio Lower Upper

43 100

61 347.4 12.2 18.4#

70 3.7 9.6 14.4#

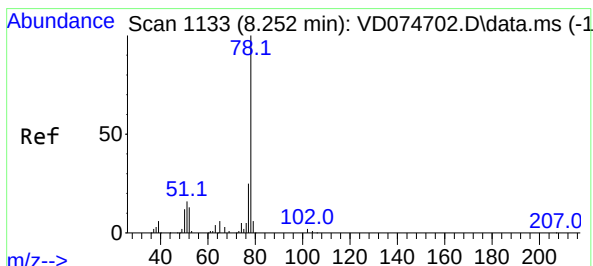
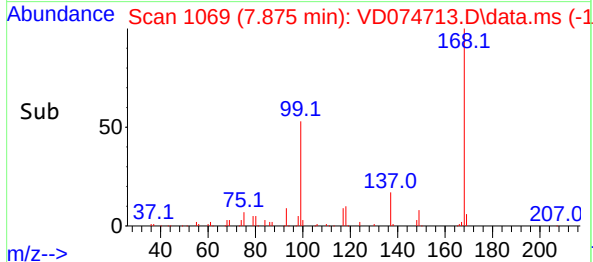
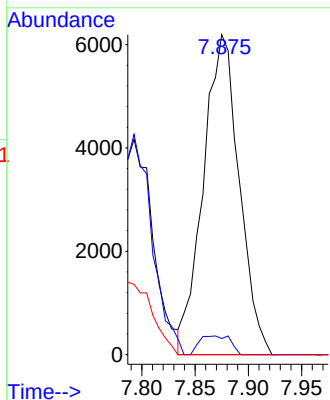
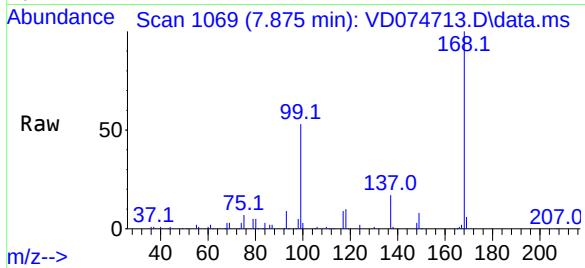




#38
Carbon Tetrachloride
Concen: 6.638 ug/l
RT: 7.875 min Scan# 1089
Delta R.T. -0.118 min
Lab File: VD074713.D
Acq: 03 Nov 2022 14:14

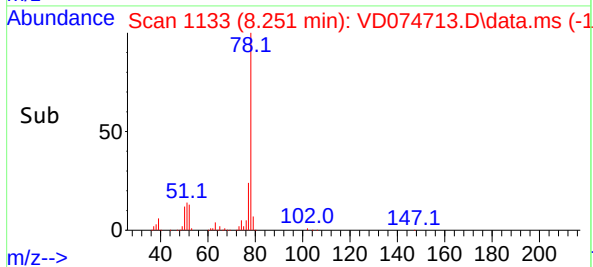
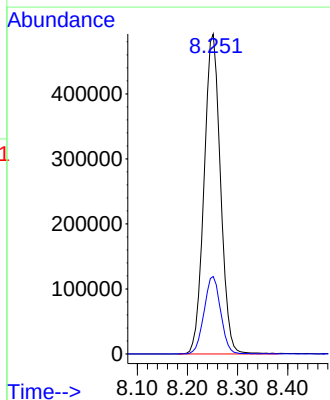
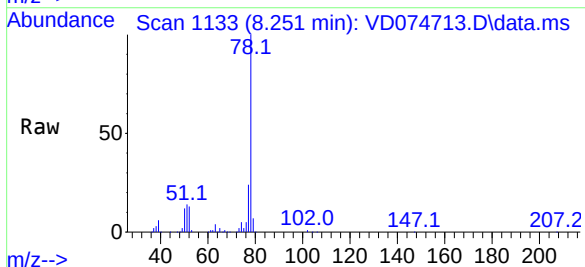
Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOIL

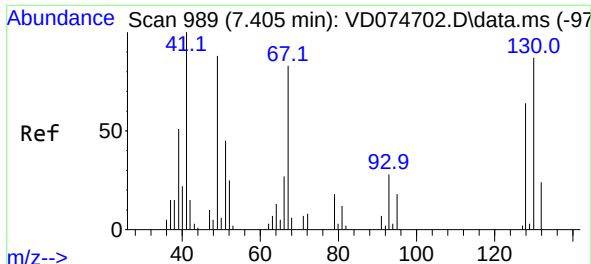
Tgt Ion:117 Resp: 14513
Ion Ratio Lower Upper
117 100
119 5.0 73.1 109.7#
121 0.0 25.0 37.6#



#40
Benzene
Concen: 164.267 ug/l
RT: 8.251 min Scan# 1133
Delta R.T. -0.001 min
Lab File: VD074713.D
Acq: 03 Nov 2022 14:14

Tgt Ion: 78 Resp: 1120422
Ion Ratio Lower Upper
78 100
77 24.2 20.1 30.1

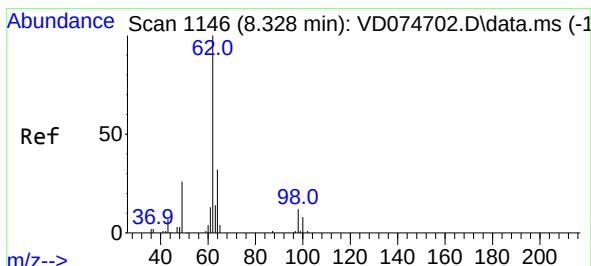
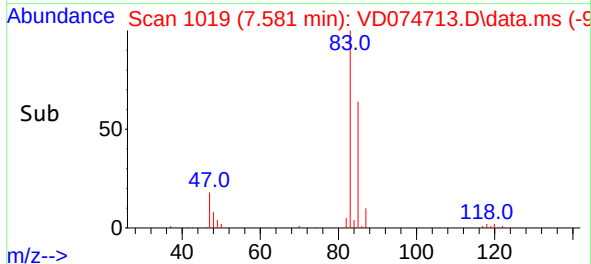
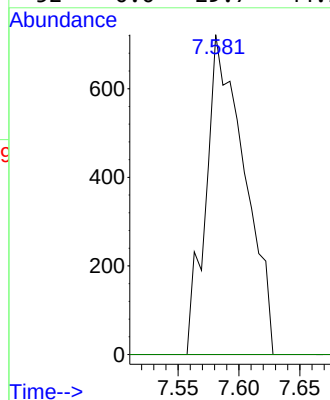
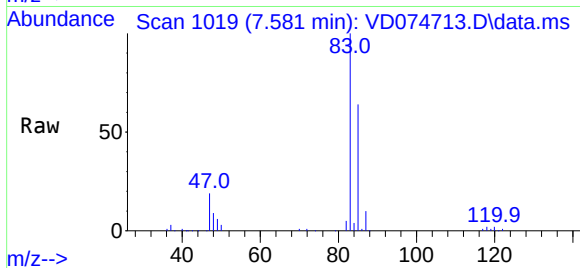




#41
Methacrylonitrile
Concen: 7.344 ug/l
RT: 7.581 min Scan# 1019
Delta R.T. 0.176 min
Lab File: VD074713.D
Acq: 03 Nov 2022 14:14

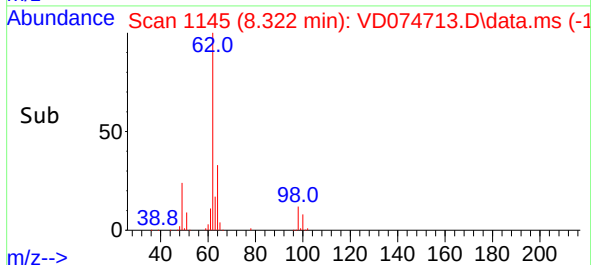
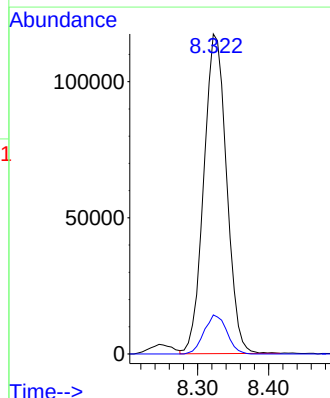
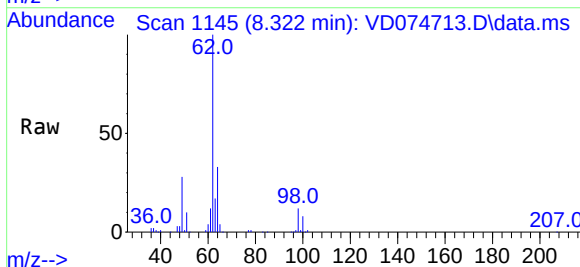
Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOIL

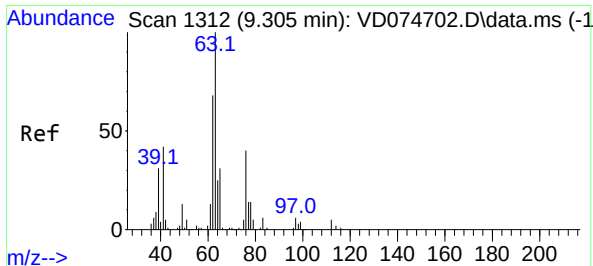
Tgt Ion: 41	Resp:	1591
Ion	Ratio	Lower Upper
41	100	
39	0.0	35.0 52.6#
67	0.0	77.0 115.6#
52	0.0	29.7 44.5#



#42
1,2-Dichloroethane
Concen: 167.119 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD074713.D
Acq: 03 Nov 2022 14:14

Tgt Ion: 62	Resp:	262052
Ion	Ratio	Lower Upper
62	100	
98	12.2	0.0 24.2

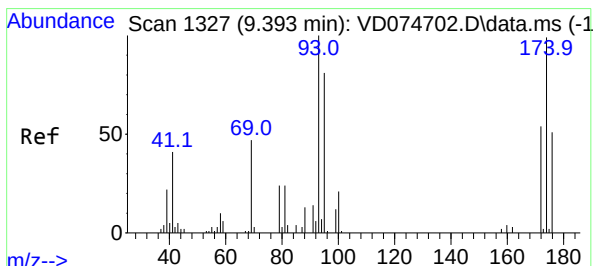
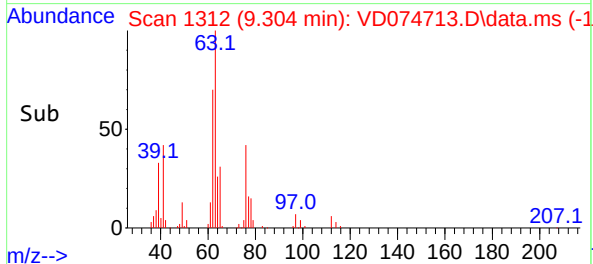
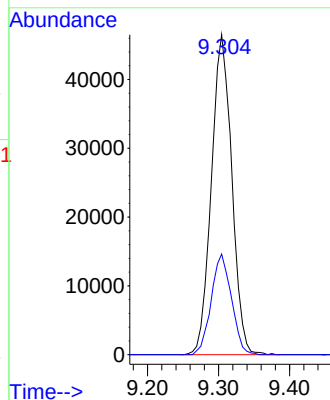
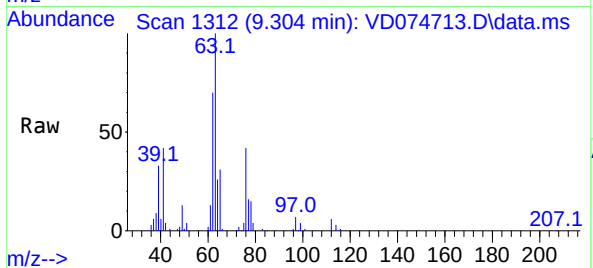




#45
1,2-Dichloropropane
Concen: 61.377 ug/l
RT: 9.304 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD074713.D
Acq: 03 Nov 2022 14:14

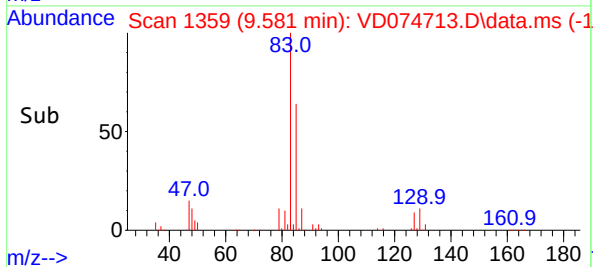
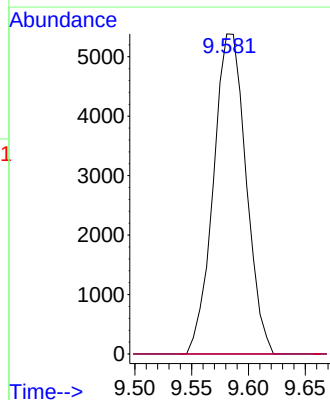
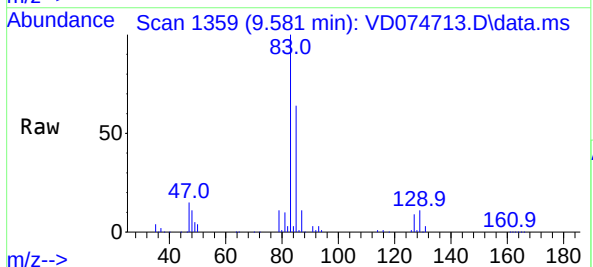
Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOIL

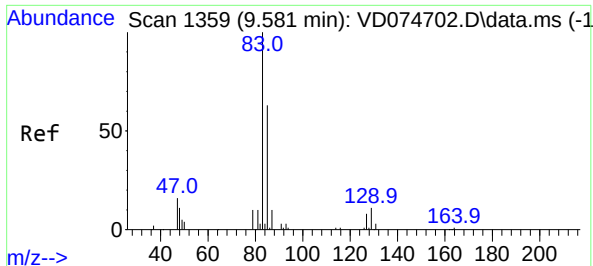
Tgt Ion: 63 Resp: 92588
Ion Ratio Lower Upper
63 100
65 31.4 23.1 34.7



#46
Dibromomethane
Concen: 12.303 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. 0.188 min
Lab File: VD074713.D
Acq: 03 Nov 2022 14:14

Tgt Ion: 93 Resp: 10755
Ion Ratio Lower Upper
93 100
95 0.0 68.2 102.2#
174 0.0 87.4 131.0#

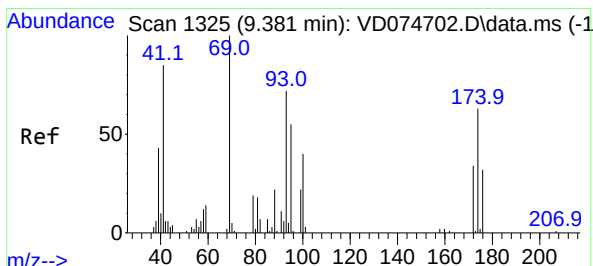
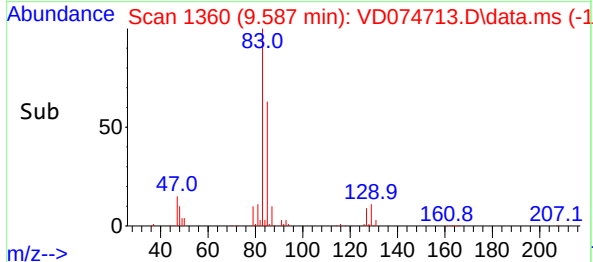
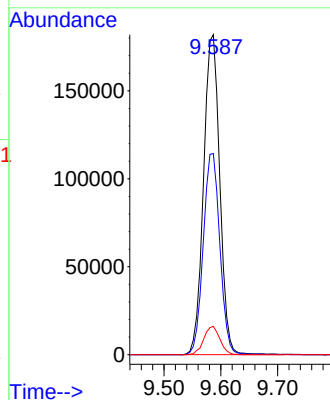
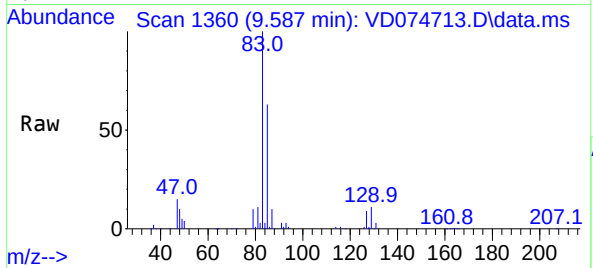




#47
Bromodichloromethane
Concen: 171.193 ug/l
RT: 9.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074713.D
Acq: 03 Nov 2022 14:14

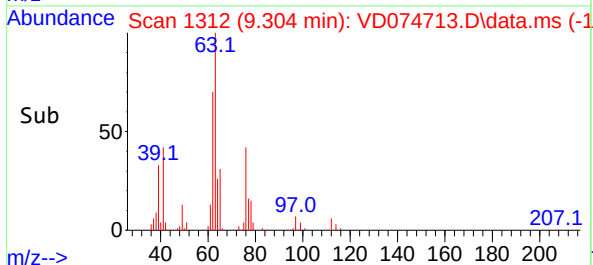
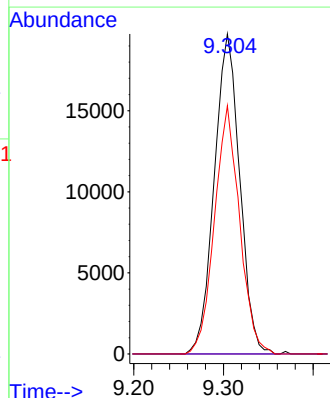
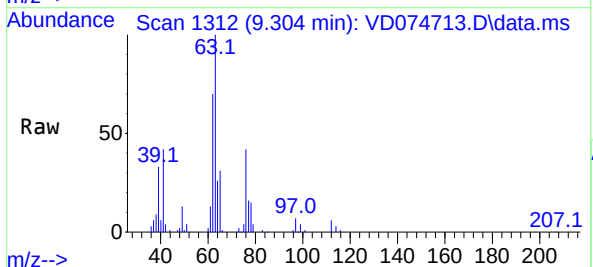
Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOIL

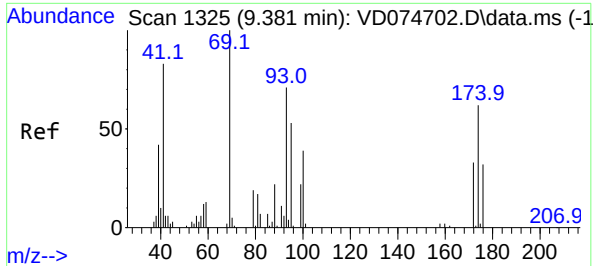
Tgt Ion: 83 Resp: 360298
Ion Ratio Lower Upper
83 100
85 62.9 48.8 73.2
127 8.9 6.7 10.1



#48
Methyl methacrylate
Concen: 60.959 ug/l
RT: 9.304 min Scan# 1312
Delta R.T. -0.077 min
Lab File: VD074713.D
Acq: 03 Nov 2022 14:14

Tgt Ion: 41 Resp: 38910
Ion Ratio Lower Upper
41 100
69 0.0 93.0 139.4#
39 76.5 44.6 66.8#

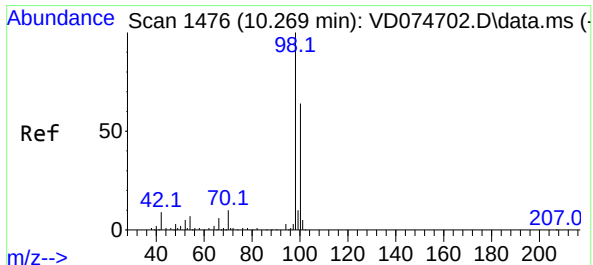
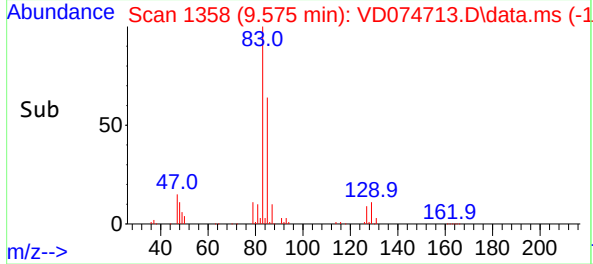
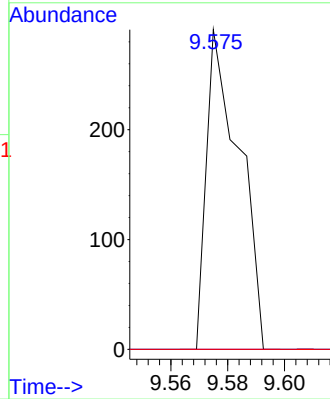
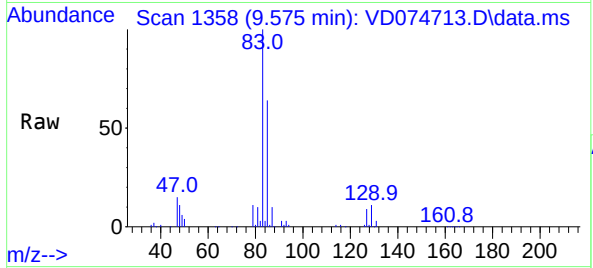




#49
1,4-Dioxane
Concen: 26.316 ug/l
RT: 9.575 min Scan# 1325
Delta R.T. 0.194 min
Lab File: VD074713.D
Acq: 03 Nov 2022 14:14

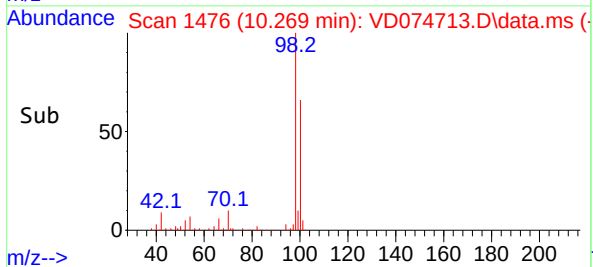
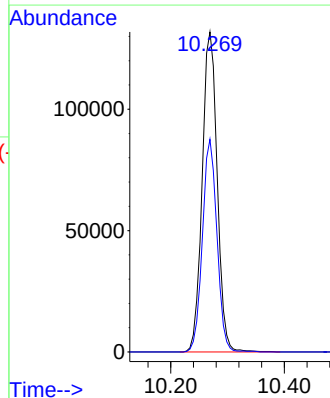
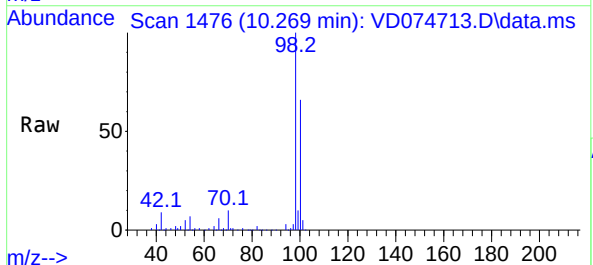
Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOIL

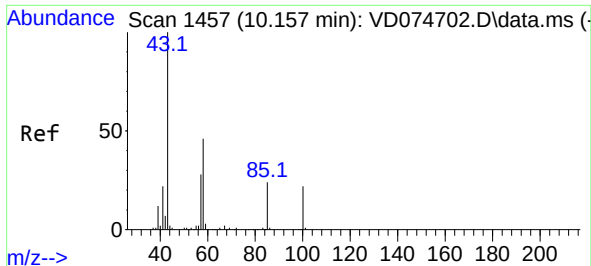
Tgt Ion: 88 Resp: 232
Ion Ratio Lower Upper
88 100
43 0.0 24.1 36.1#
58 0.0 43.1 64.7#



#50
Toluene-d8
Concen: 43.584 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074713.D
Acq: 03 Nov 2022 14:14

Tgt Ion: 98 Resp: 241701
Ion Ratio Lower Upper
98 100
100 64.3 51.4 77.0

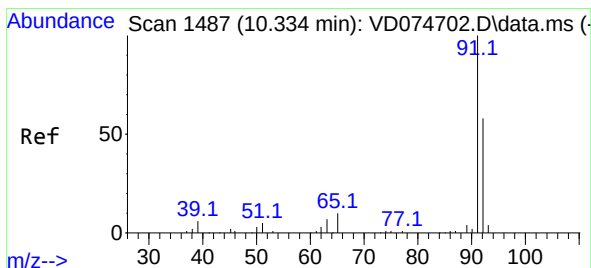
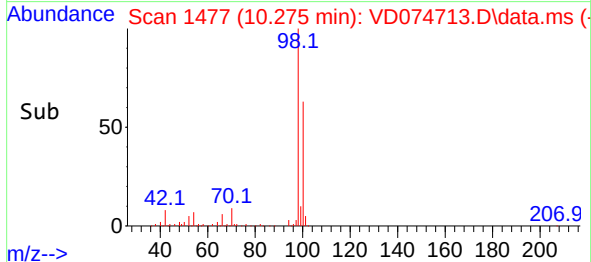
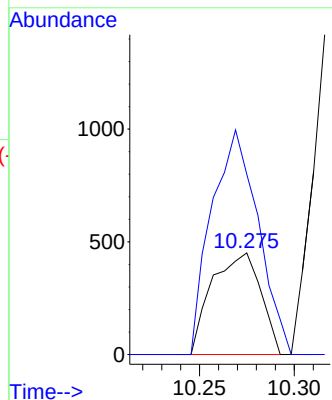
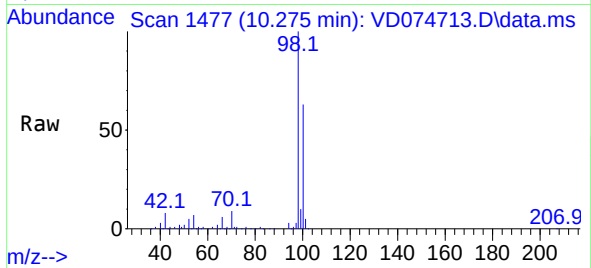




#51
4-Methyl-2-Pentanone
Concen: 1.159 ug/l
RT: 10.275 min Scan# 1457
Delta R.T. 0.118 min
Lab File: VD074713.D
Acq: 03 Nov 2022 14:14

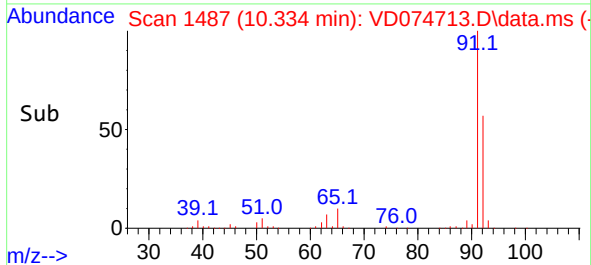
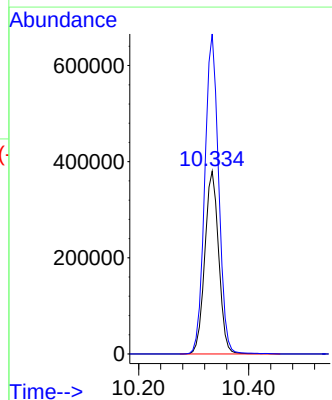
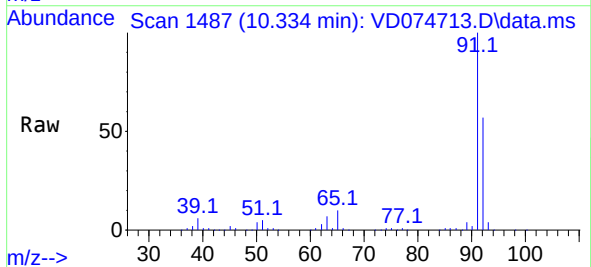
Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOIL

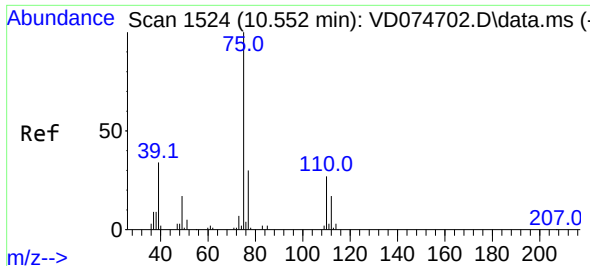
Tgt Ion: 43 Resp: 805
Ion Ratio Lower Upper
43 100
58 211.6 37.8 56.6#



#52
Toluene
Concen: 159.280 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD074713.D
Acq: 03 Nov 2022 14:14

Tgt Ion: 92 Resp: 665175
Ion Ratio Lower Upper
92 100
91 175.0 139.0 208.4

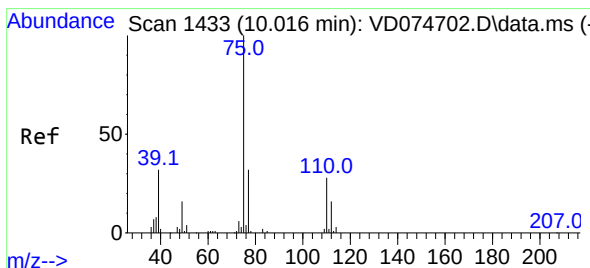
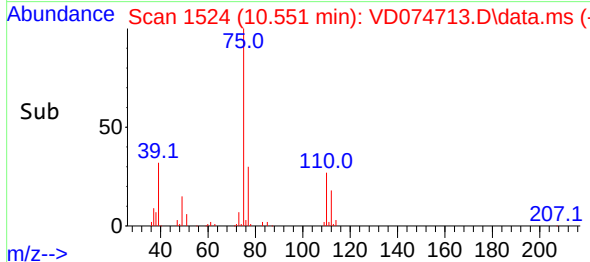
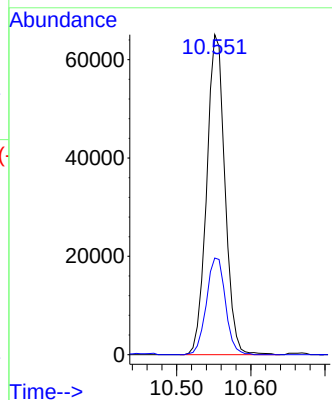
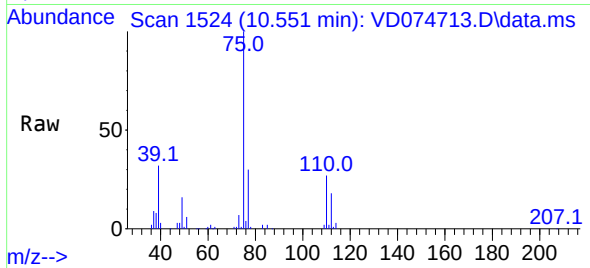




#53
 t-1,3-Dichloropropene
 Concen: 59.786 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. -0.001 min
 Lab File: VD074713.D
 Acq: 03 Nov 2022 14:14

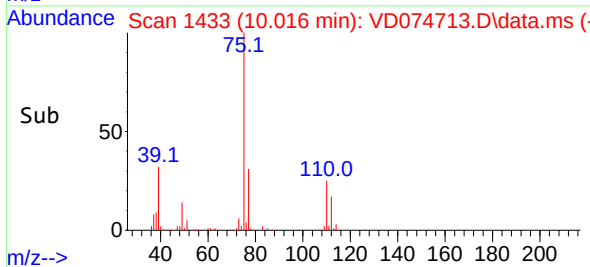
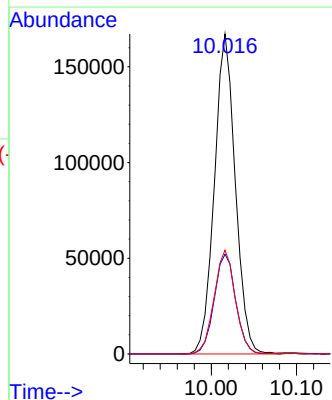
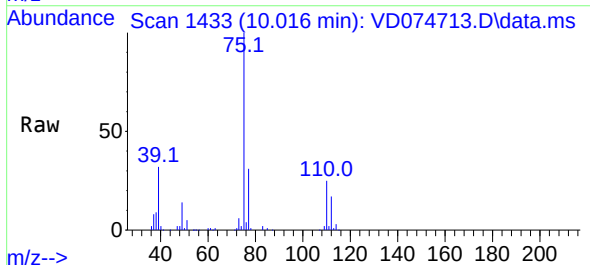
Instrument :
 MSVOA_D
 ClientSampleId :
 PT-VOA-SOIL

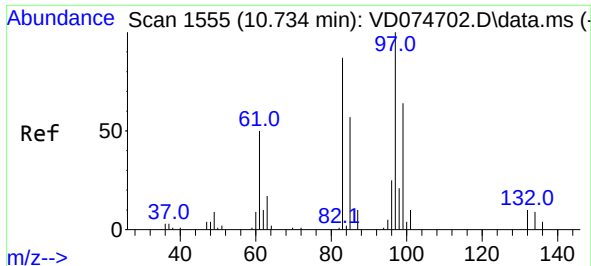
Tgt Ion: 75 Resp: 111287
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 122.397 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD074713.D
 Acq: 03 Nov 2022 14:14

Tgt Ion: 75 Resp: 285891
 Ion Ratio Lower Upper
 75 100
 77 31.2 24.7 37.1
 39 32.4 25.4 38.2



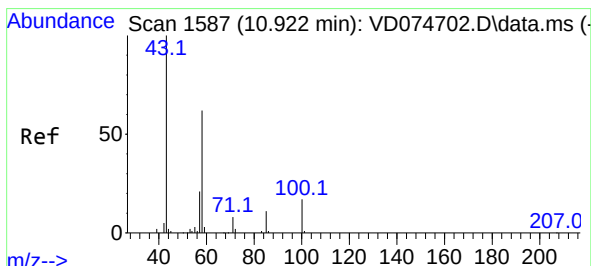
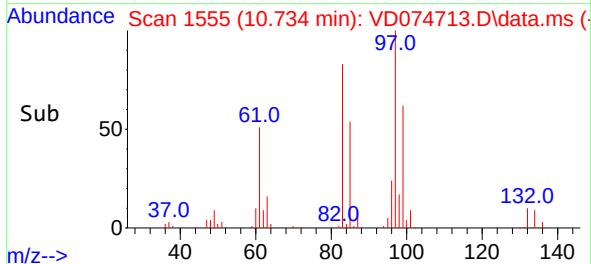
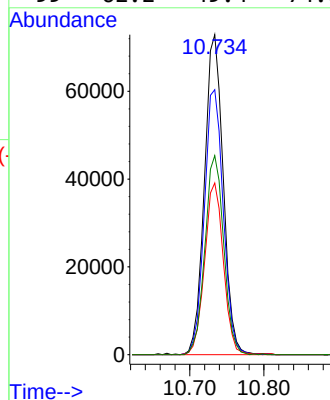
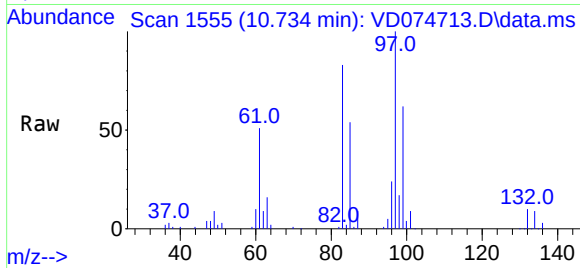


#55
1,1,2-Trichloroethane
Concen: 108.089 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD074713.D
Acq: 03 Nov 2022 14:14

Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOIL

Tgt Ion: 97 Resp: 128368

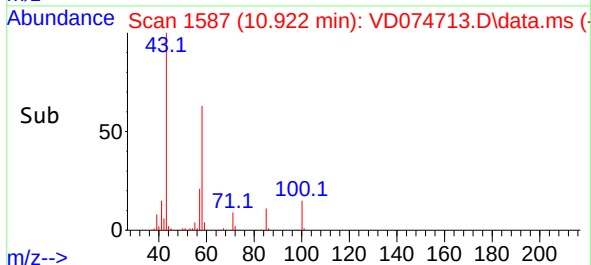
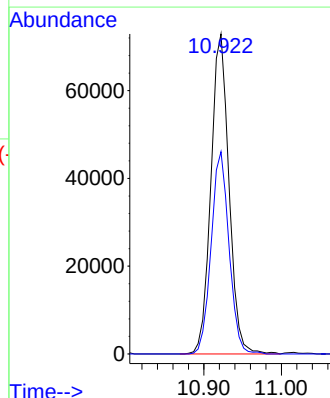
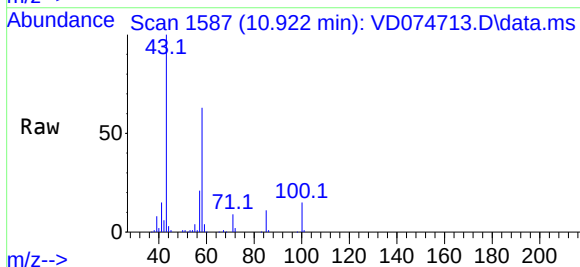
Ion	Ratio	Lower	Upper
97	100		
83	82.8	64.8	97.2
85	53.6	44.8	67.2
99	62.2	49.4	74.0

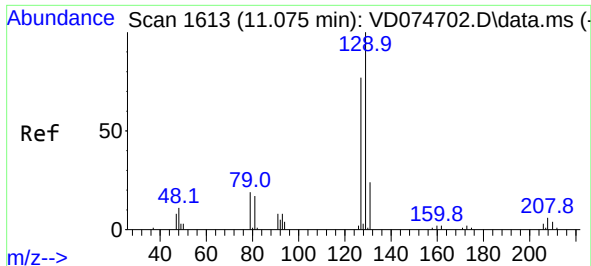


#59
2-Hexanone
Concen: 247.464 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD074713.D
Acq: 03 Nov 2022 14:14

Tgt Ion: 43 Resp: 118242

Ion	Ratio	Lower	Upper
43	100		
58	62.6	32.0	96.2

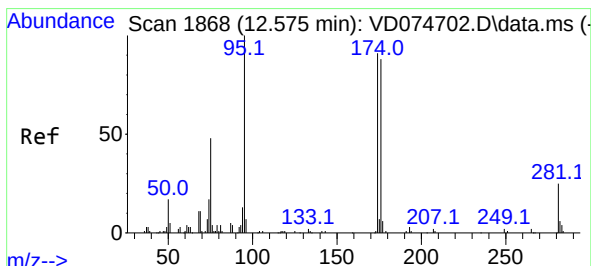
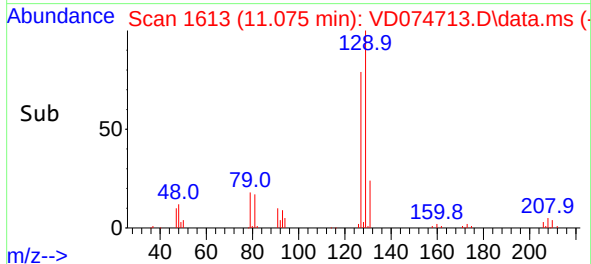
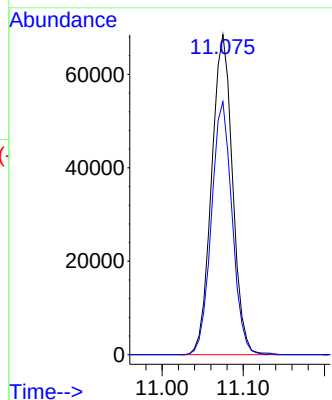
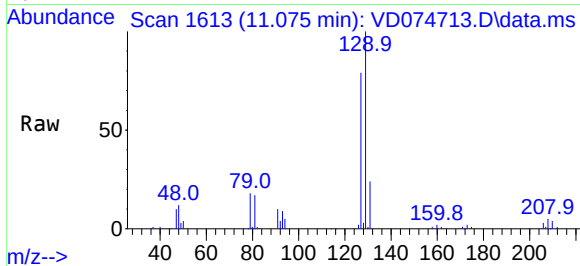




#60
Dibromochloromethane
Concen: 86.789 ug/l
RT: 11.075 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD074713.D
Acq: 03 Nov 2022 14:14

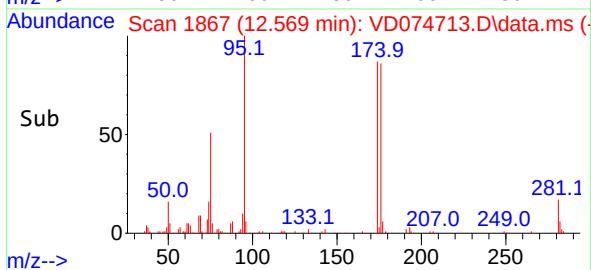
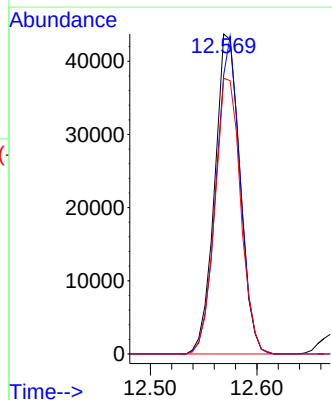
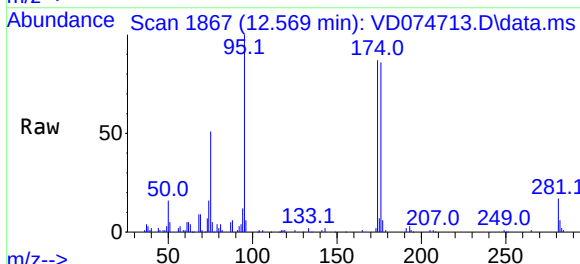
Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOIL

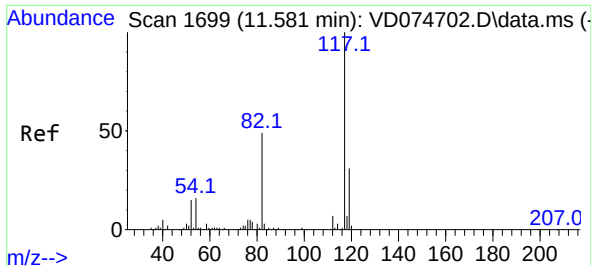
Tgt Ion:129 Resp: 123049
Ion Ratio Lower Upper
129 100
127 77.9 39.1 117.2



#62
4-Bromofluorobenzene
Concen: 44.916 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD074713.D
Acq: 03 Nov 2022 14:14

Tgt Ion: 95 Resp: 71919
Ion Ratio Lower Upper
95 100
174 94.0 0.0 197.0
176 88.0 0.0 182.6

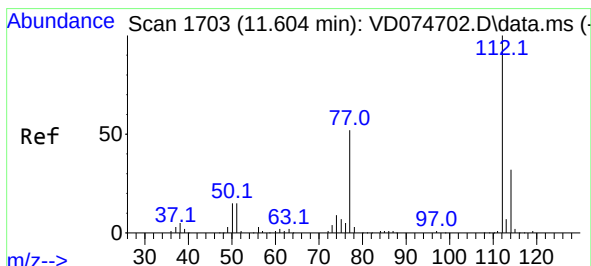
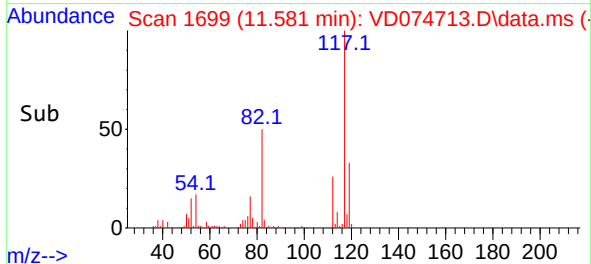
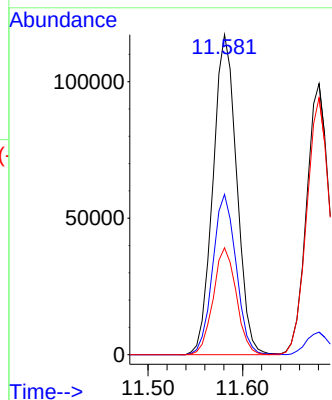
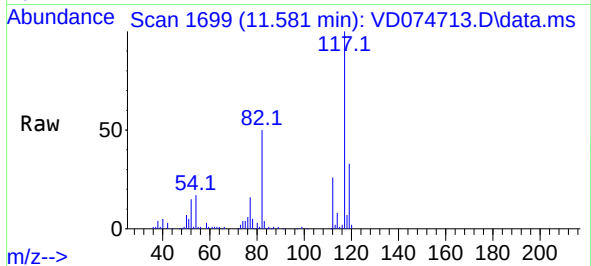




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074713.D
Acq: 03 Nov 2022 14:14

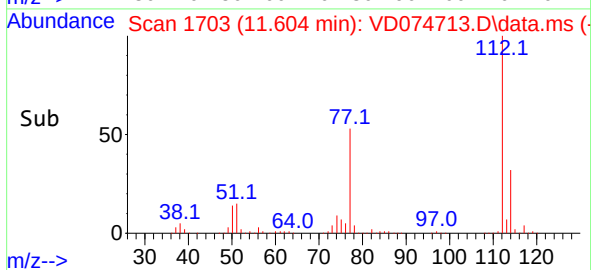
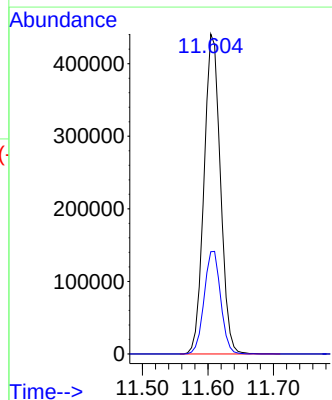
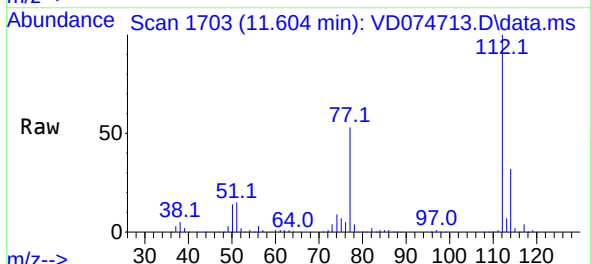
Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOIL

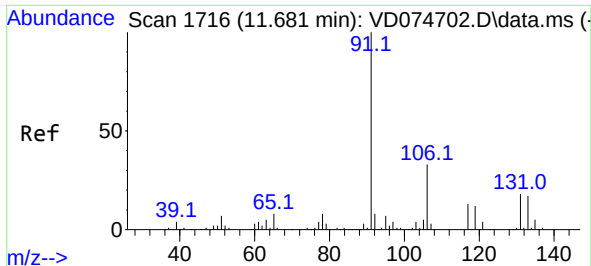
Tgt Ion:117 Resp: 203779
Ion Ratio Lower Upper
117 100
82 50.1 41.6 62.4
119 33.4 25.2 37.8



#65
Chlorobenzene
Concen: 190.151 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD074713.D
Acq: 03 Nov 2022 14:14

Tgt Ion:112 Resp: 767374
Ion Ratio Lower Upper
112 100
114 32.0 25.1 37.7

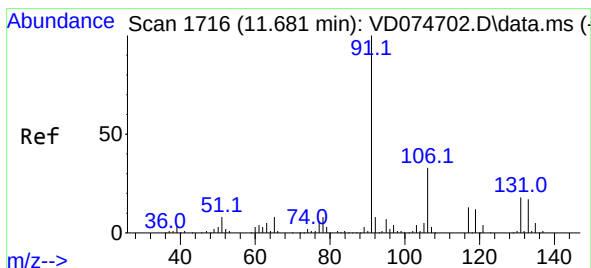
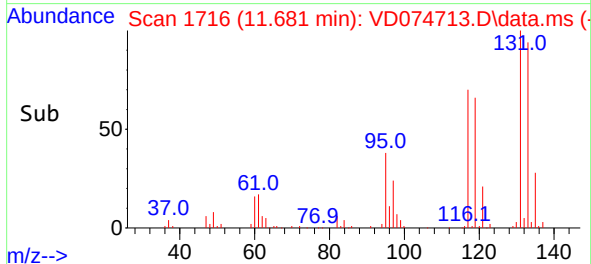
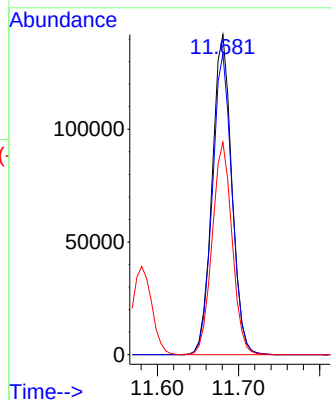
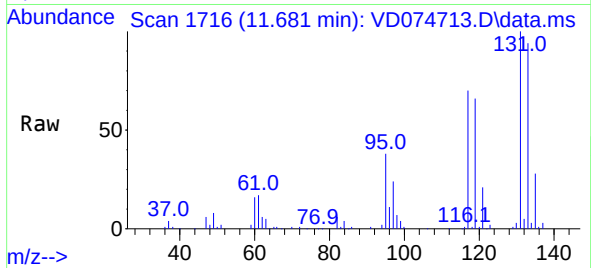




#66
1,1,1,2-Tetrachloroethane
Concen: 174.625 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD074713.D
Acq: 03 Nov 2022 14:14

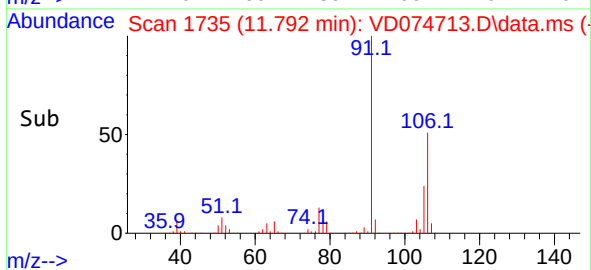
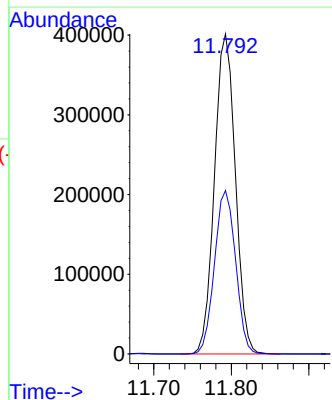
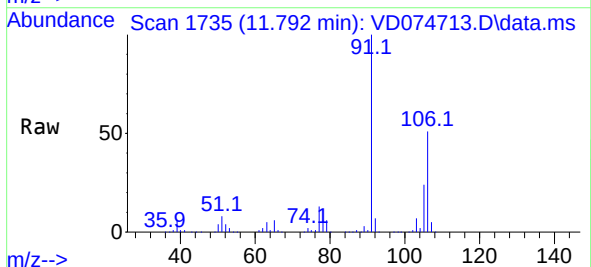
Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOIL

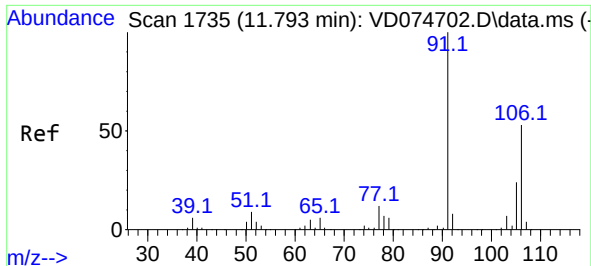
Tgt Ion:131 Resp: 239097
Ion Ratio Lower Upper
131 100
133 94.0 46.6 139.8
119 67.1 32.5 97.4



#67
Ethyl Benzene
Concen: 104.999 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. 0.111 min
Lab File: VD074713.D
Acq: 03 Nov 2022 14:14

Tgt Ion: 91 Resp: 750891
Ion Ratio Lower Upper
91 100
106 51.1 26.6 40.0#

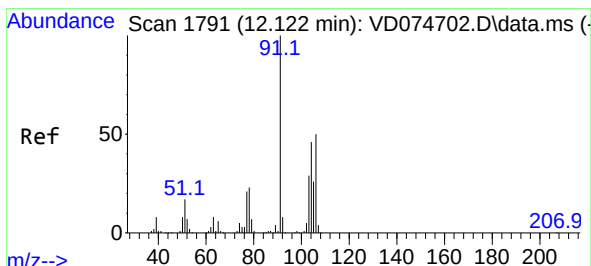
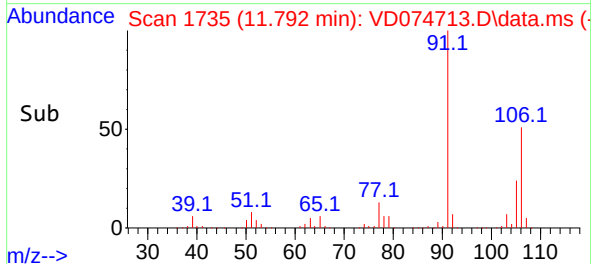
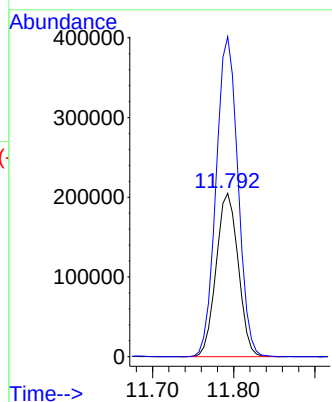
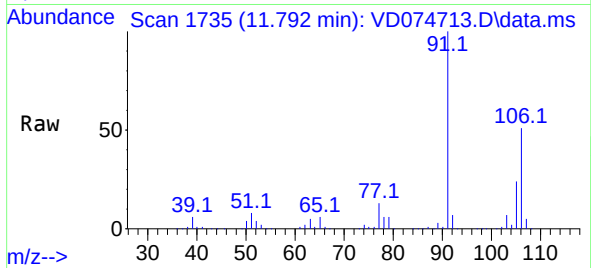




#68
m/p-Xylenes
Concen: 136.368 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.001 min
Lab File: VD074713.D
Acq: 03 Nov 2022 14:14

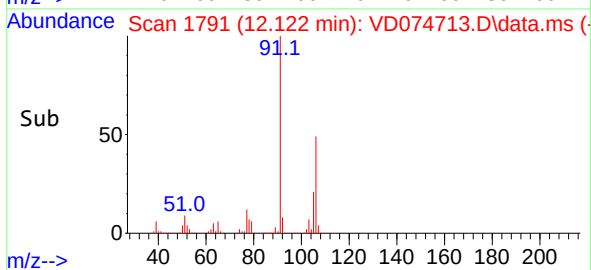
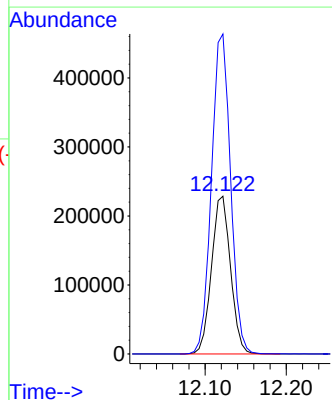
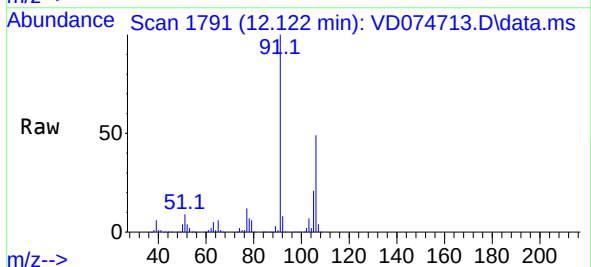
Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOIL

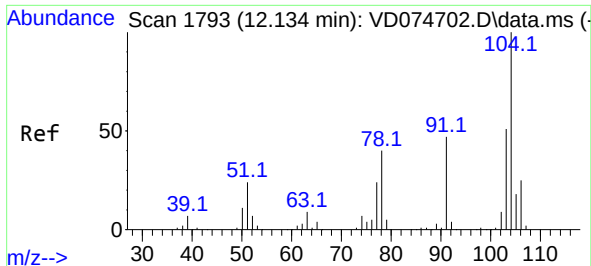
Tgt Ion:106 Resp: 387176
Ion Ratio Lower Upper
106 100
91 193.9 156.2 234.4



#69
o-Xylene
Concen: 142.412 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD074713.D
Acq: 03 Nov 2022 14:14

Tgt Ion:106 Resp: 371720
Ion Ratio Lower Upper
106 100
91 203.7 104.5 313.3

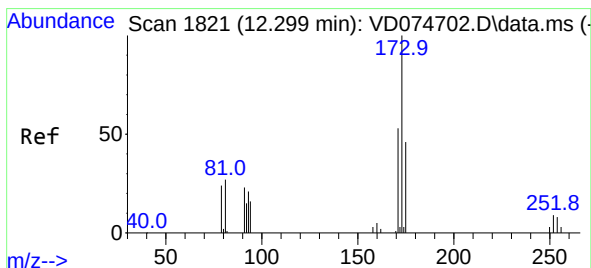
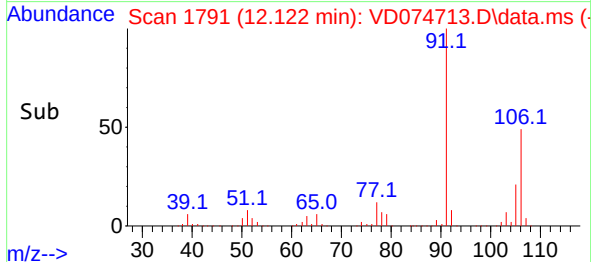
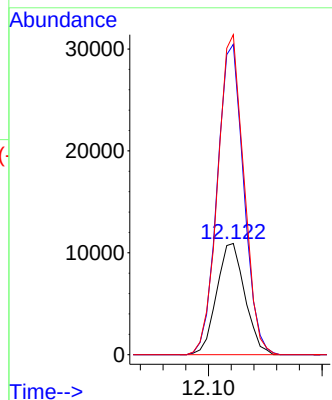
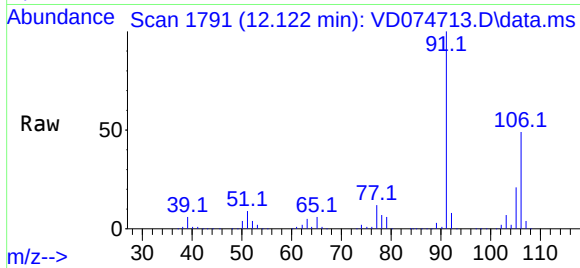




#70
Styrene
Concen: 4.251 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.012 min
Lab File: VD074713.D
Acq: 03 Nov 2022 14:14

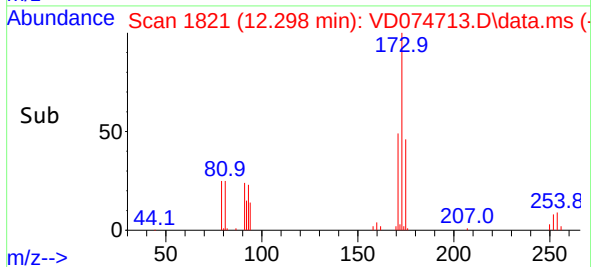
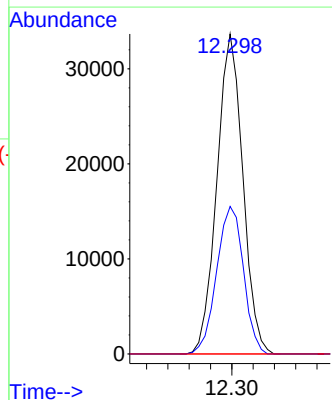
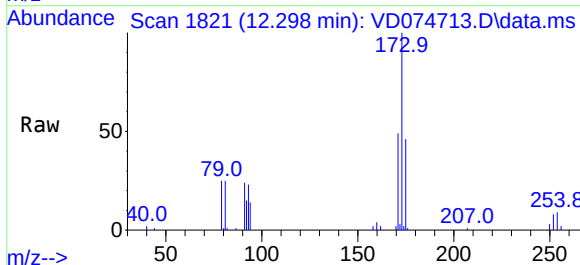
Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOIL

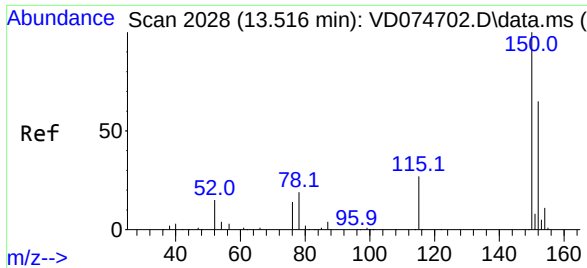
Tgt Ion:104 Resp: 18798
Ion Ratio Lower Upper
104 100
78 262.3 35.7 53.5#
103 267.8 43.7 65.5#



#71
Bromoform
Concen: 77.596 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.001 min
Lab File: VD074713.D
Acq: 03 Nov 2022 14:14

Tgt Ion:173 Resp: 56897
Ion Ratio Lower Upper
173 100
175 47.6 23.1 69.3
254 0.0 0.0 0.0

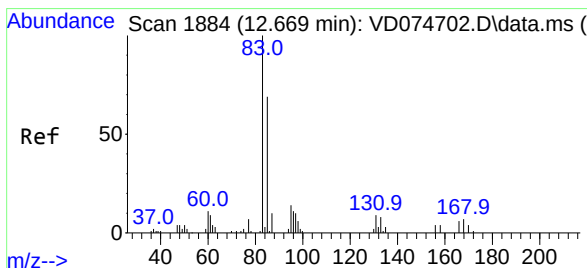
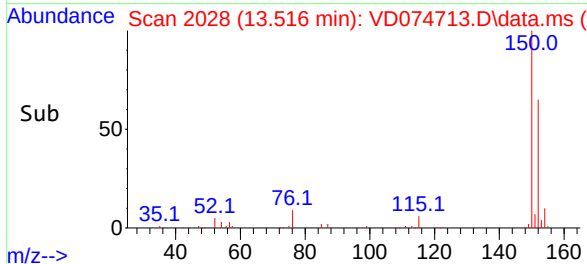
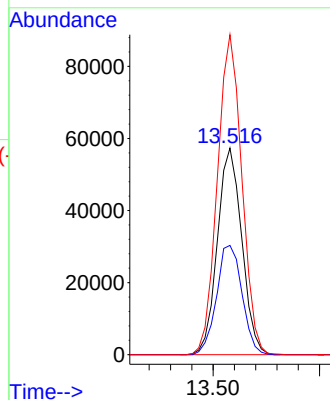
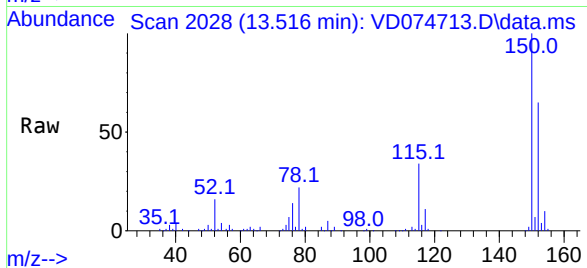




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD074713.D
Acq: 03 Nov 2022 14:14

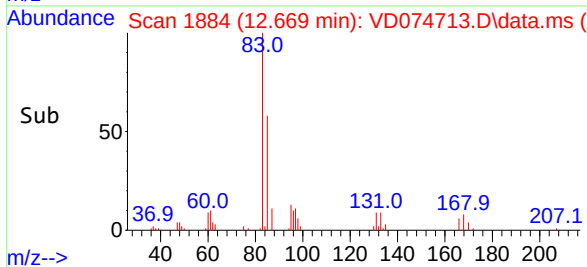
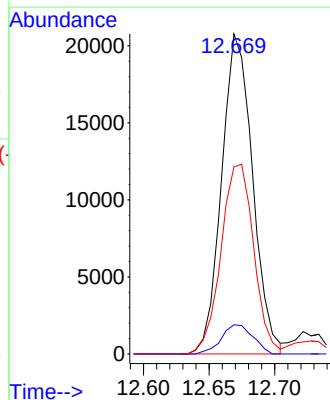
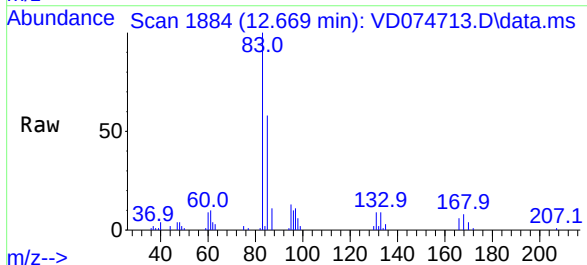
Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOIL

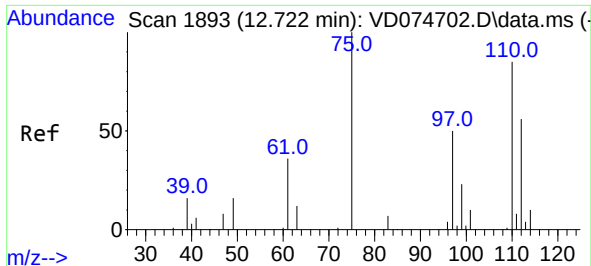
Tgt Ion:152 Resp: 91230
Ion Ratio Lower Upper
152 100
115 55.2 26.8 80.4
150 155.1 0.0 348.2



#75
1,1,2,2-Tetrachloroethane
Concen: 30.465 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD074713.D
Acq: 03 Nov 2022 14:14

Tgt Ion: 83 Resp: 34121
Ion Ratio Lower Upper
83 100
131 9.3 4.7 14.1
85 62.5 33.1 99.2

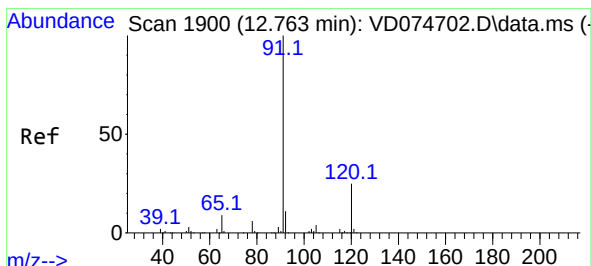
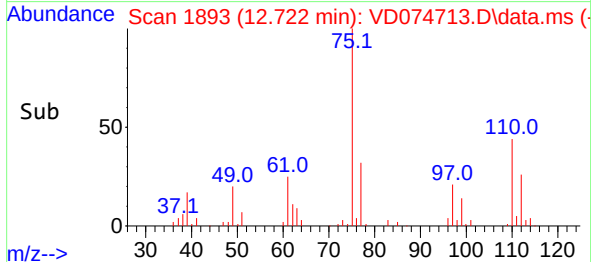
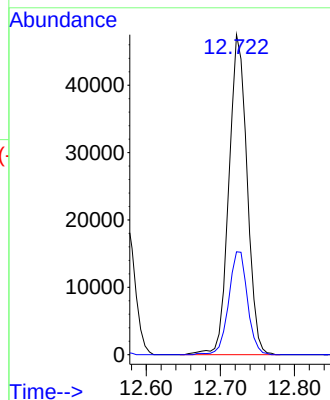
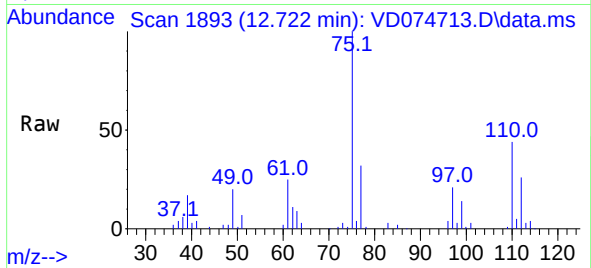




#76
1,2,3-Trichloropropane
Concen: 114.348 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD074713.D
Acq: 03 Nov 2022 14:14

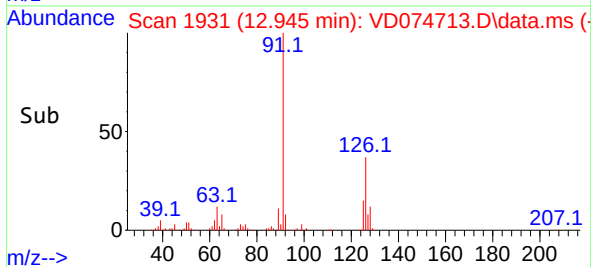
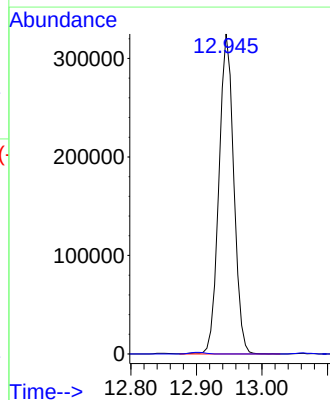
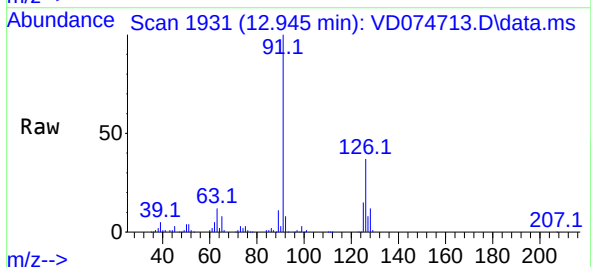
Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOIL

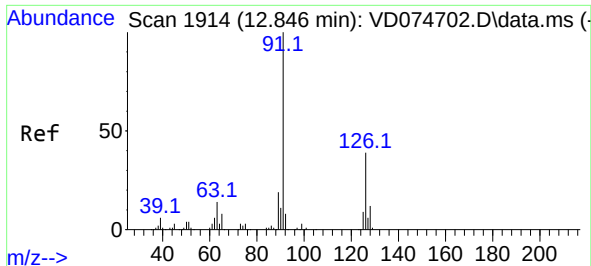
Tgt Ion: 75 Resp: 80869
Ion Ratio Lower Upper
75 100
77 33.2 185.8 557.5#



#78
n-propylbenzene
Concen: 63.755 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.182 min
Lab File: VD074713.D
Acq: 03 Nov 2022 14:14

Tgt Ion: 91 Resp: 509068
Ion Ratio Lower Upper
91 100
120 0.0 11.9 35.7#

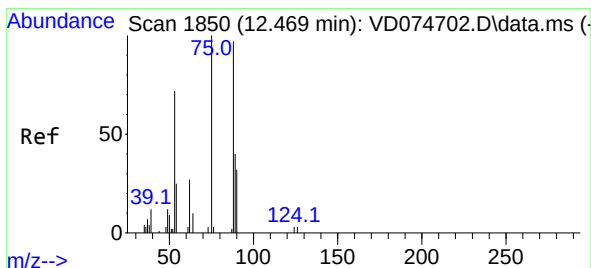
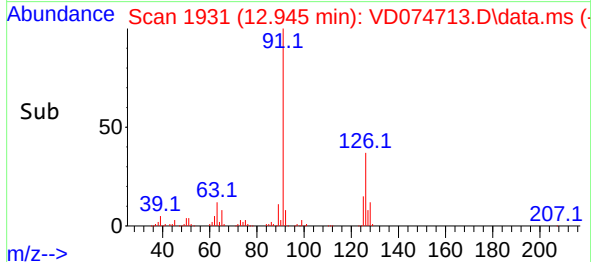
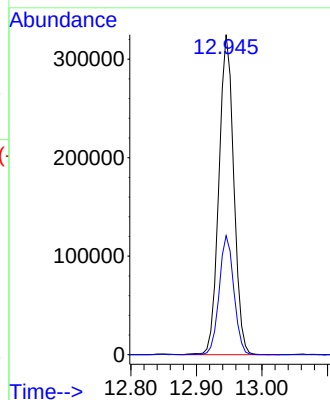
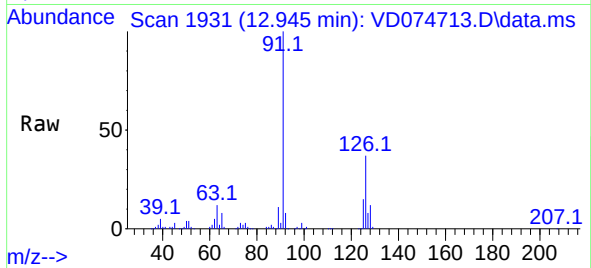




#79
2-Chlorotoluene
Concen: 118.401 ug/l
RT: 12.945 min Scan# 1914
Delta R.T. 0.099 min
Lab File: VD074713.D
Acq: 03 Nov 2022 14:14

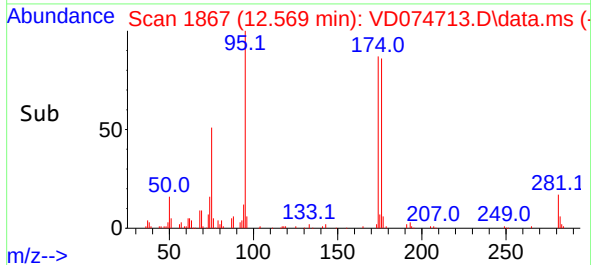
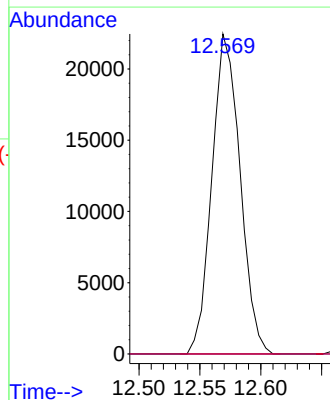
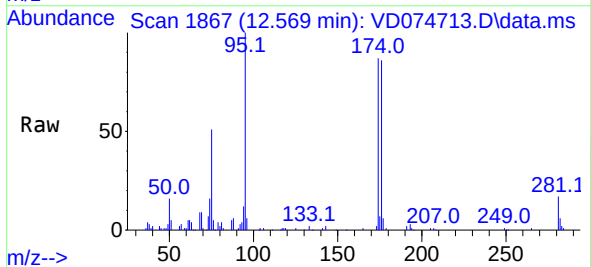
Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOIL

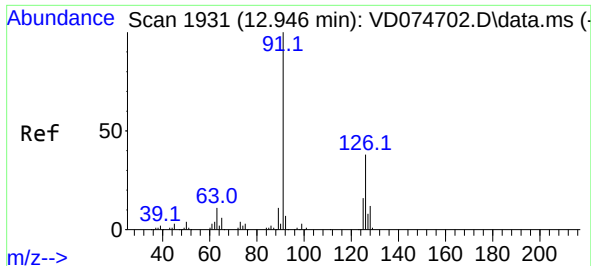
Tgt Ion: 91 Resp: 509068
Ion Ratio Lower Upper
91 100
126 36.7 18.3 54.8



#81
trans-1,4-Dichloro-2-butene
Concen: 121.269 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD074713.D
Acq: 03 Nov 2022 14:14

Tgt Ion: 75 Resp: 36130
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

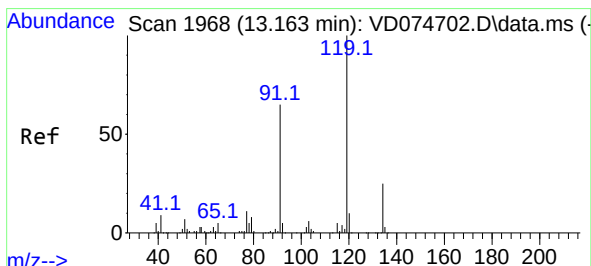
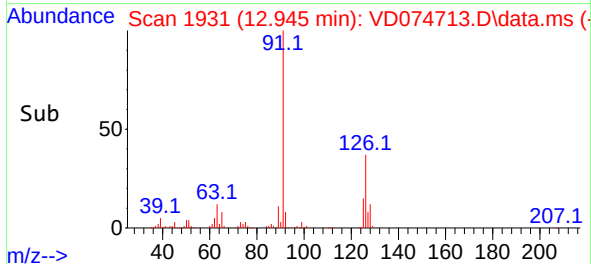
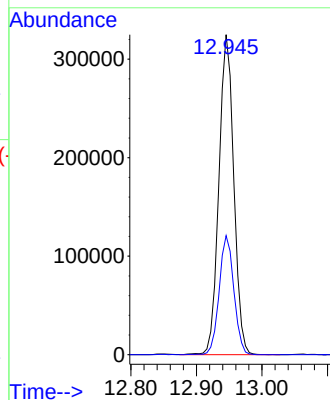
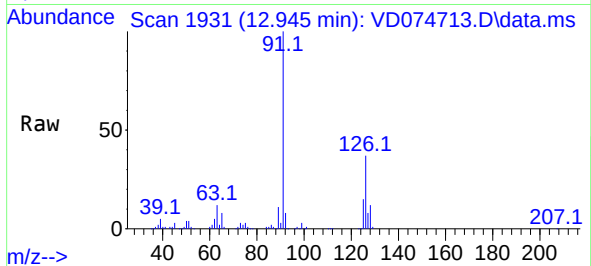




#82
4-Chlorotoluene
Concen: 113.836 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.001 min
Lab File: VD074713.D
Acq: 03 Nov 2022 14:14

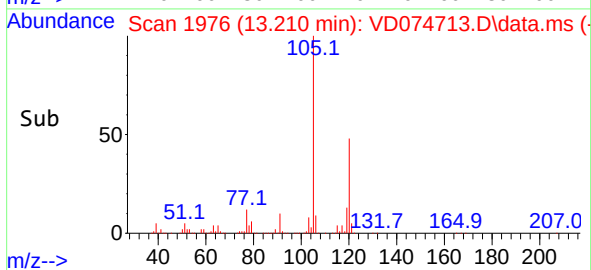
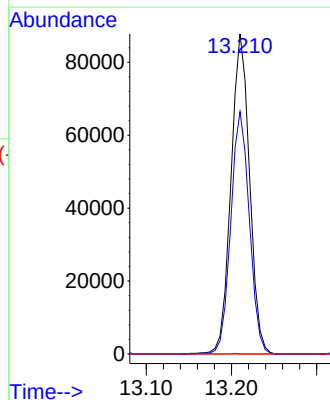
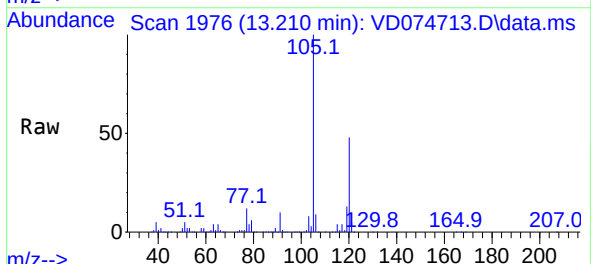
Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOIL

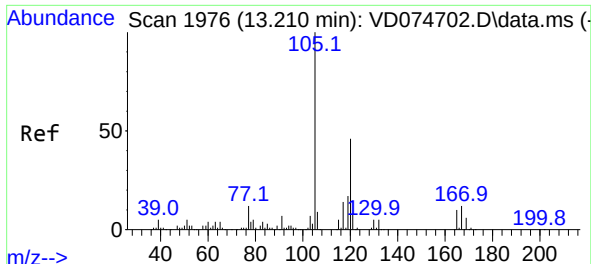
Tgt Ion: 91 Resp: 509068
Ion Ratio Lower Upper
91 100
126 36.7 18.8 56.4



#83
tert-Butylbenzene
Concen: 27.716 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.047 min
Lab File: VD074713.D
Acq: 03 Nov 2022 14:14

Tgt Ion: 119 Resp: 132822
Ion Ratio Lower Upper
119 100
91 75.8 30.0 90.0
134 0.0 13.4 40.1#

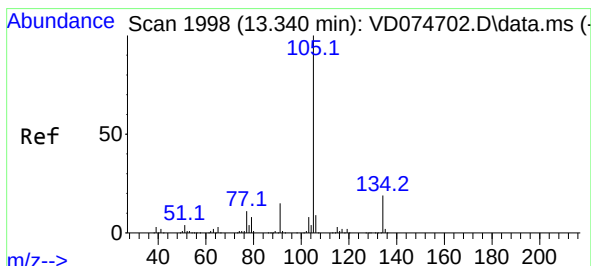
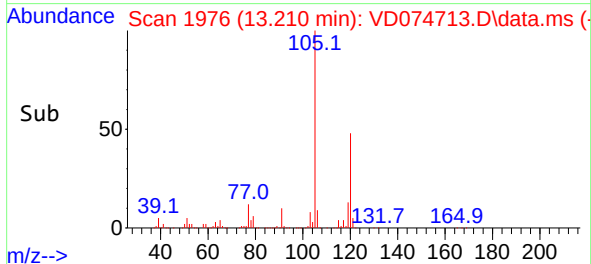
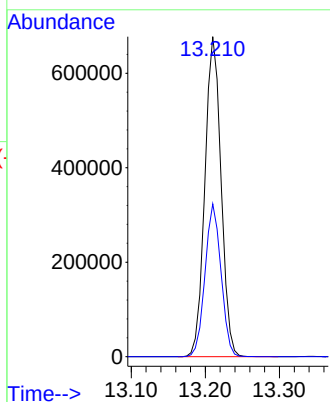
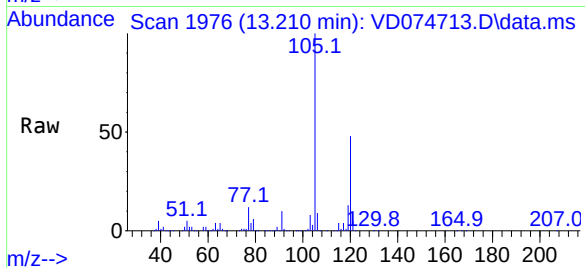




#84
1,2,4-Trimethylbenzene
Concen: 191.601 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD074713.D
Acq: 03 Nov 2022 14:14

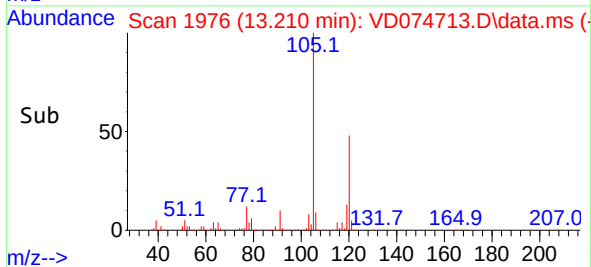
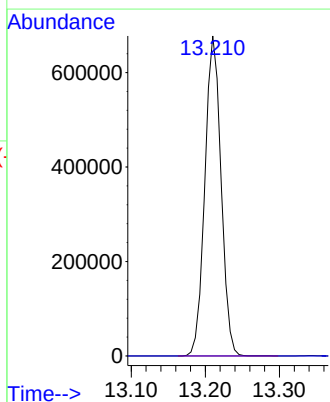
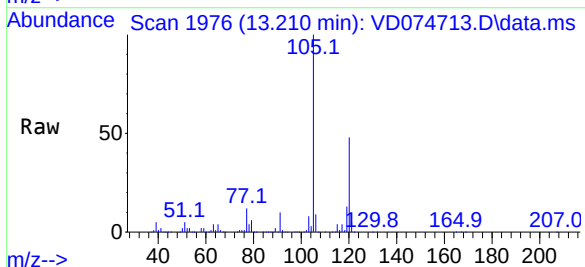
Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOIL

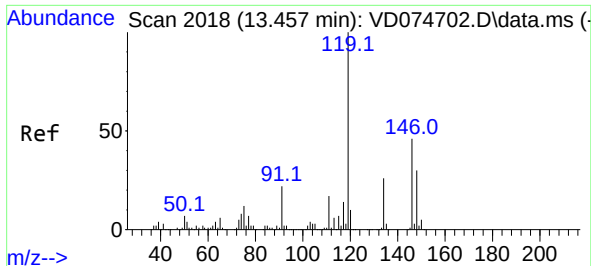
Tgt Ion:105 Resp: 1028081
Ion Ratio Lower Upper
105 100
120 47.1 22.9 68.7



#85
sec-Butylbenzene
Concen: 142.197 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.130 min
Lab File: VD074713.D
Acq: 03 Nov 2022 14:14

Tgt Ion:105 Resp: 1028081
Ion Ratio Lower Upper
105 100
134 0.0 10.0 30.0#



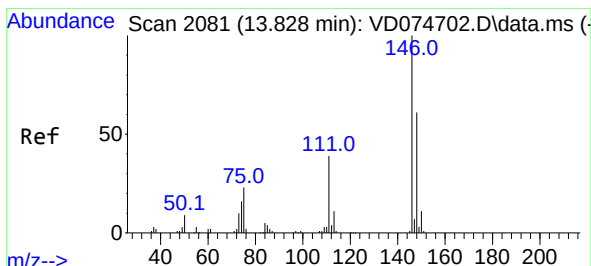
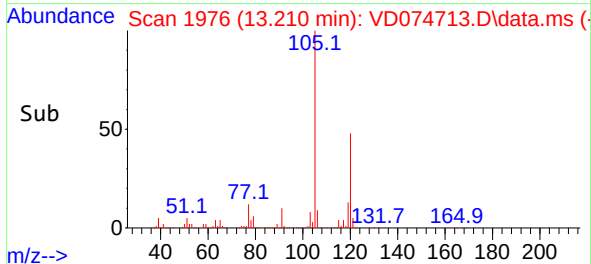
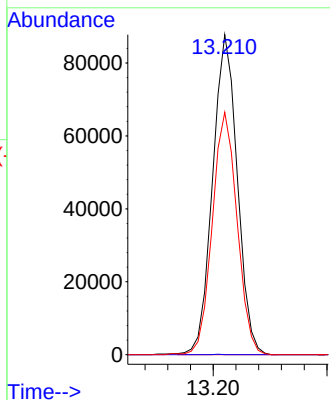
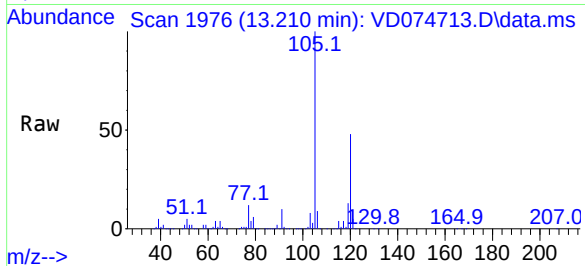


#86
p-Isopropyltoluene
Concen: 21.760 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.247 min
Lab File: VD074713.D
Acq: 03 Nov 2022 14:14

Instrument : MSVOA_D
ClientSampleId : PT-VOA-SOIL

Tgt Ion:119 Resp: 132501

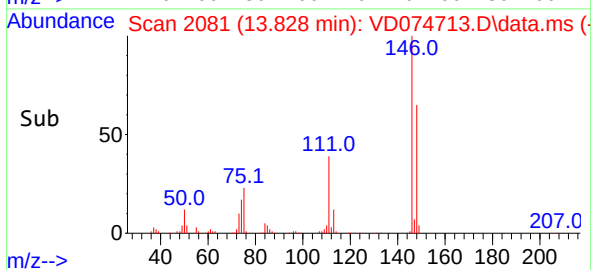
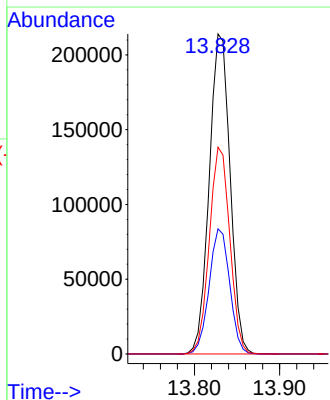
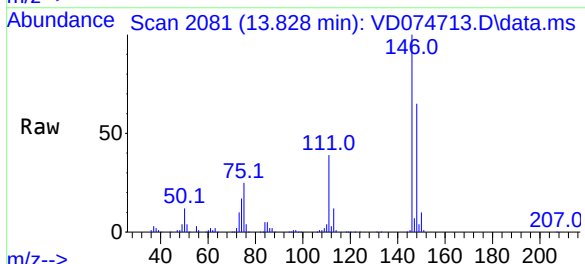
Ion	Ratio	Lower	Upper
119	100		
134	0.0	13.5	40.4#
91	75.8	10.8	32.4#

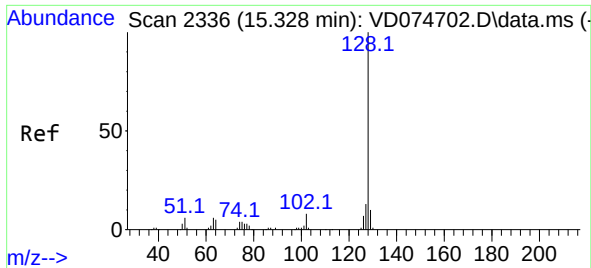


#91
1,2-Dichlorobenzene
Concen: 134.122 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD074713.D
Acq: 03 Nov 2022 14:14

Tgt Ion:146 Resp: 363534

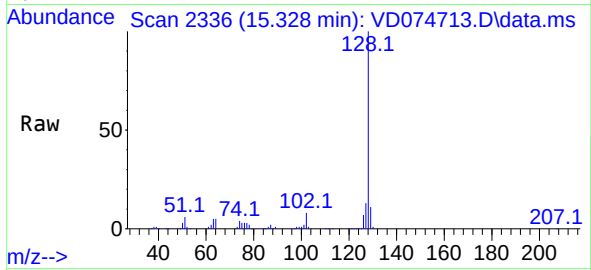
Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.9	56.5
148	63.6	31.9	95.5





#95
Naphthalene
Concen: 135.915 ug/l
RT: 15.328 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD074713.D
Acq: 03 Nov 2022 14:14

Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOIL



Tgt Ion:128 Resp: 436895

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	16.0
129	10.8	8.3	12.5

