

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102021\
 Data File : VD070776.D
 Acq On : 20 Oct 2021 15:23
 Operator : VA/SY
 Sample : M4283-04
 Misc : 5.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CONCRETE-PAD

Quant Time: Oct 21 05:38:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 18 08:32:03 2021
 Response via : Initial Calibration

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

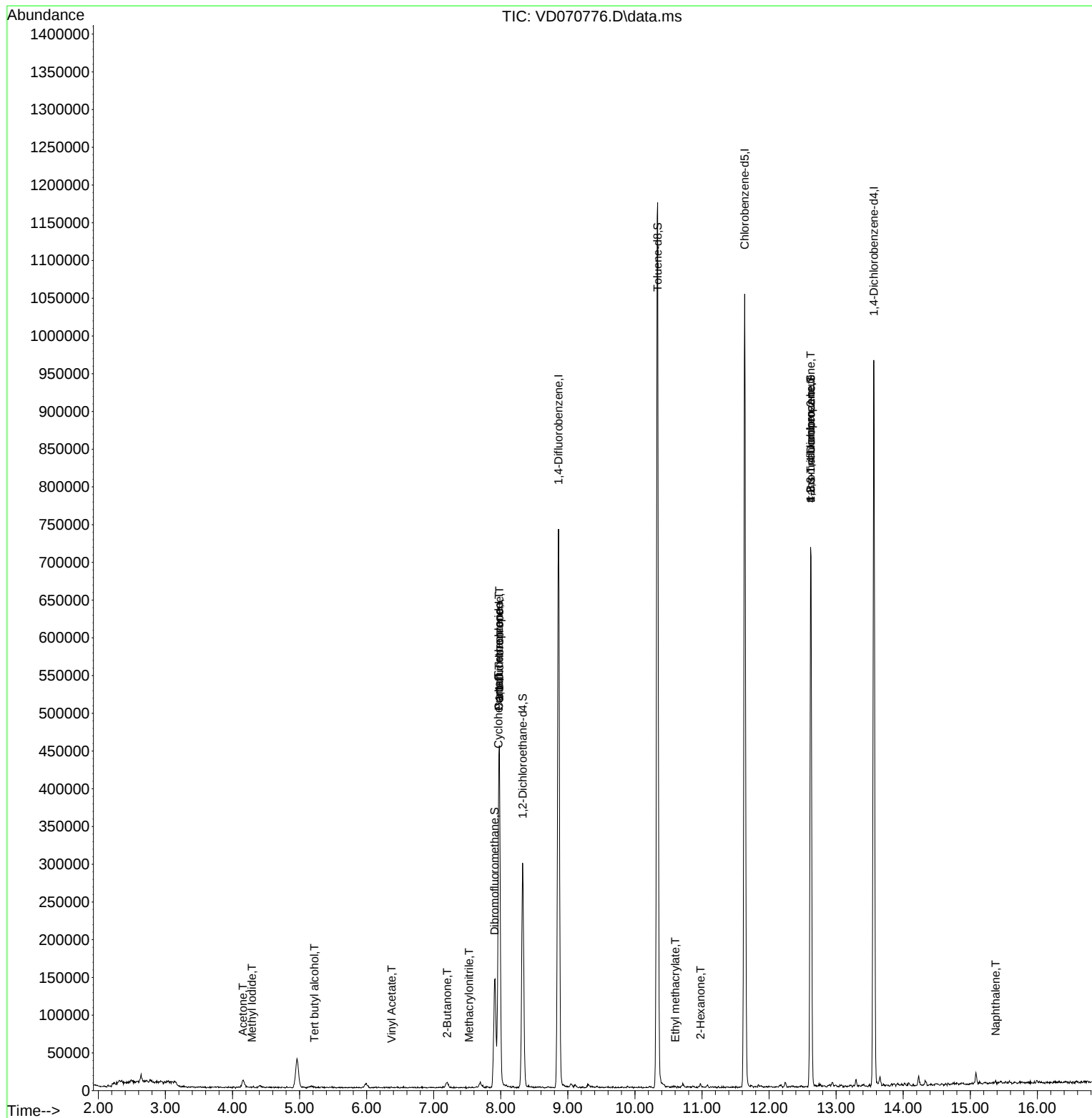
Internal Standards						
1) Pentafluorobenzene	7.973	168	319882	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	592479	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	587941	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	245141	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	227750	60.112	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 120.220%			
35) Dibromofluoromethane	7.908	113	105228	27.738	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 55.480%			
50) Toluene-d8	10.338	98	791278	54.412	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.820%			
62) 4-Bromofluorobenzene	12.620	95	243868	48.701	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.400%			
Target Compounds					Qvalue	
10) Methyl Iodide	4.291	142	353	3.402	ug/l #	87
11) Tert butyl alcohol	5.220	59	235	1.108	ug/l #	83
16) Acetone	4.156	43	17934	19.625	ug/l #	83
20) Methylene Chloride	4.961	84	27128	Below Cal	#	84
23) Vinyl Acetate	6.373	43	59	16.337	ug/l #	69
25) 2-Butanone	7.203	43	1822	1.614	ug/l	91
31) Cyclohexane	7.967	56	9144	1.193	ug/l #	42
36) 1,1-Dichloropropene	7.979	75	30682	4.649	ug/l #	50
38) Carbon Tetrachloride	7.973	117	33559	5.308	ug/l #	14
41) Methacrylonitrile	7.526	41	56	1.975	ug/l #	16
56) Ethyl methacrylate	10.602	69	54	4.166	ug/l #	1
59) 2-Hexanone	10.979	43	3343	1.727	ug/l	71
76) 1,2,3-Trichloropropane	12.620	75	124322	58.700	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	124322	128.571	ug/l #	17
95) Naphthalene	15.379	128	891	4.894	ug/l #	69

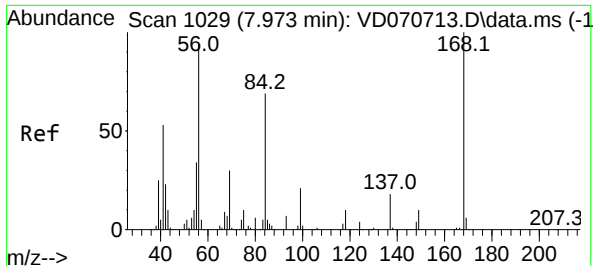
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

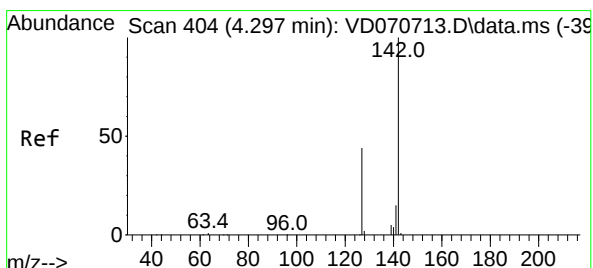
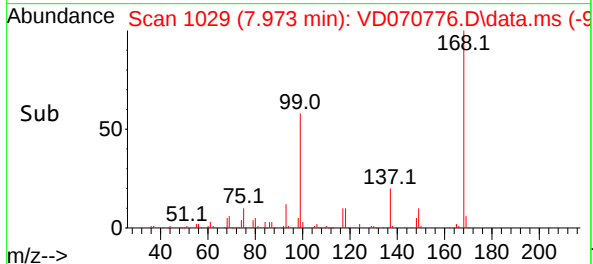
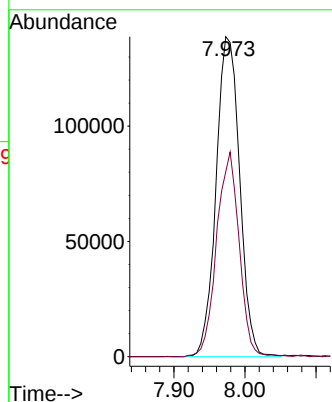
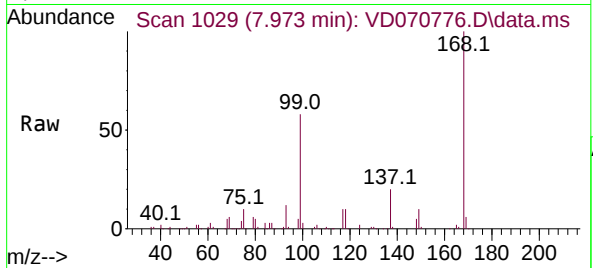




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD070776.D
Acq: 20 Oct 2021 15:23

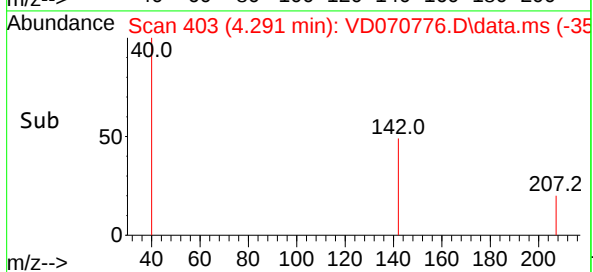
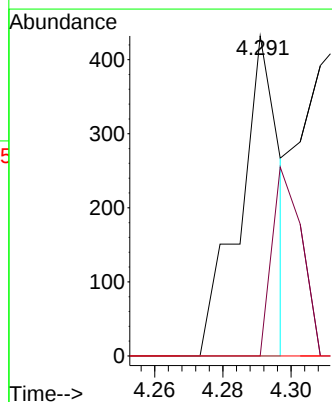
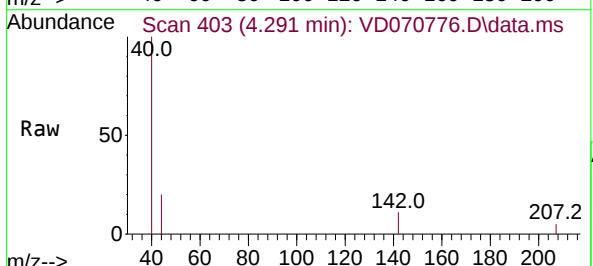
Instrument :
MSVOA_D
ClientSampleId :
CONCRETE-PAD

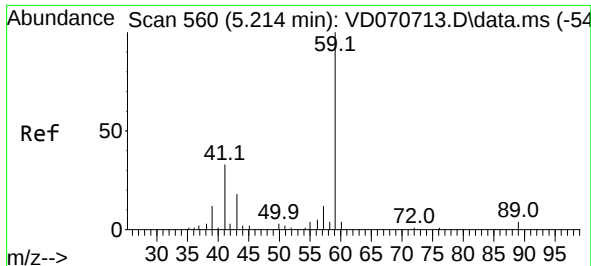
Tgt Ion:168 Resp: 319882
Ion Ratio Lower Upper
168 100
99 57.9 51.4 77.0



#10
Methyl Iodide
Concen: 3.402 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD070776.D
Acq: 20 Oct 2021 15:23

Tgt Ion:142 Resp: 353
Ion Ratio Lower Upper
142 100
127 43.3 37.5 56.3
141 0.0 12.1 18.1#



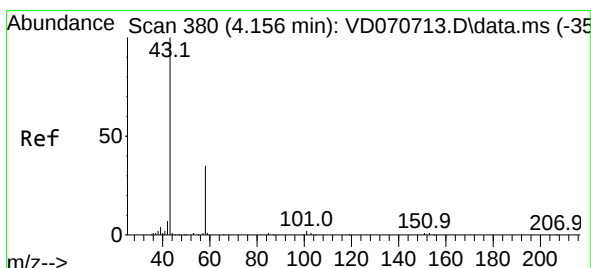
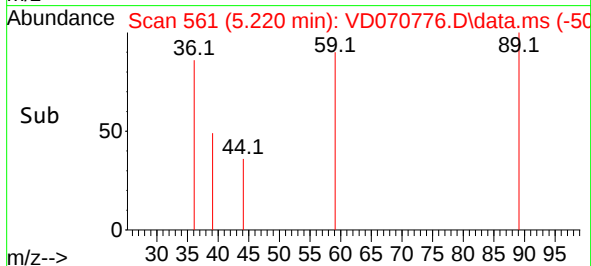
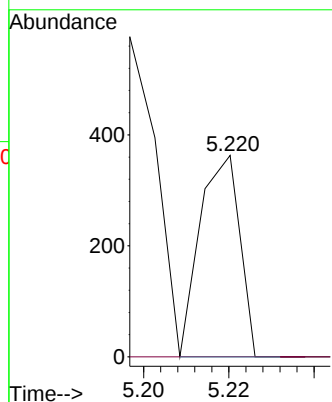
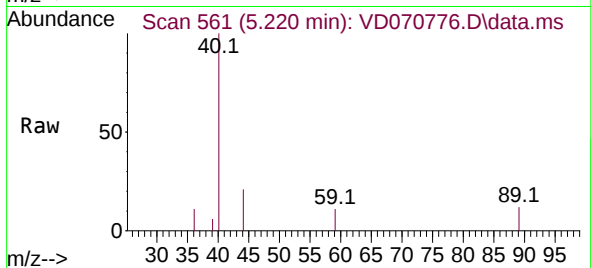


#11

Tert butyl alcohol
Concen: 1.108 ug/l
RT: 5.220 min Scan# 561
Delta R.T. 0.006 min
Lab File: VD070776.D
Acq: 20 Oct 2021 15:23

Instrument :
MSVOA_D
ClientSampleId :
CONCRETE-PAD

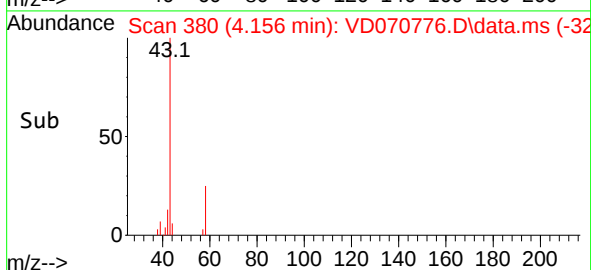
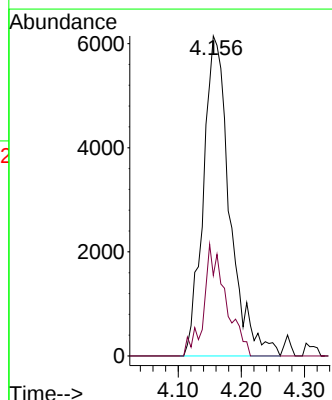
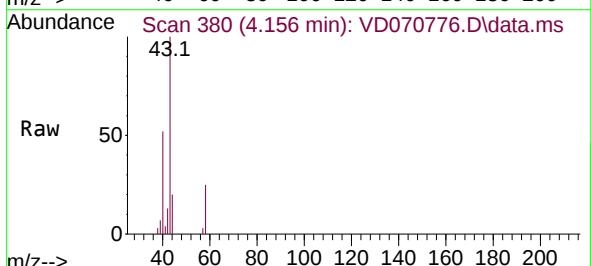
Tgt Ion: 59 Resp: 235
Ion Ratio Lower Upper
59 100
57 0.0 4.5 6.7#

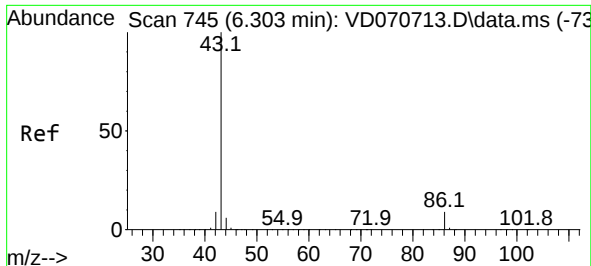


#16

Acetone
Concen: 19.625 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD070776.D
Acq: 20 Oct 2021 15:23

Tgt Ion: 43 Resp: 17934
Ion Ratio Lower Upper
43 100
58 25.2 28.2 42.2#

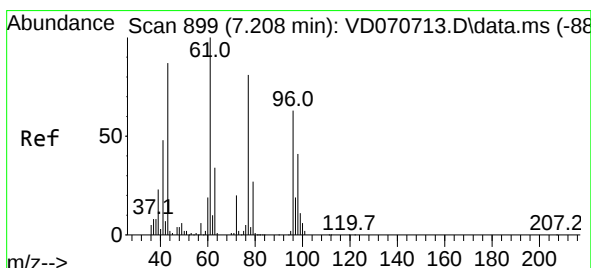
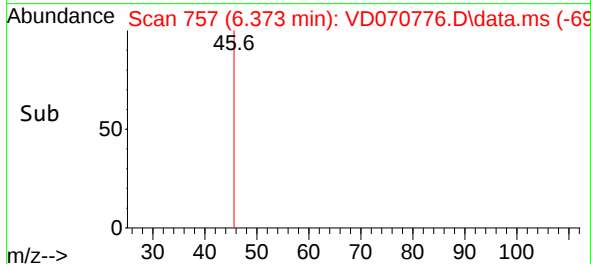
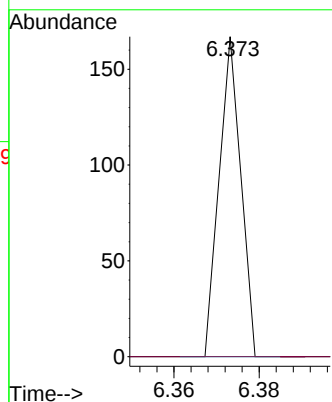
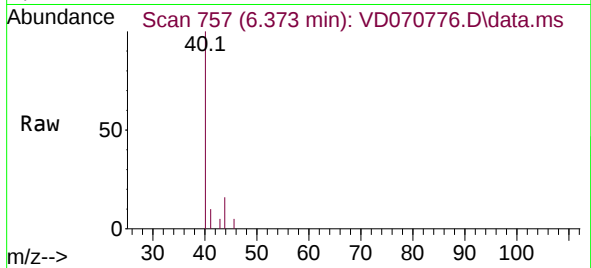




#23
 Vinyl Acetate
 Concen: 16.337 ug/l
 RT: 6.373 min Scan# 757
 Delta R.T. 0.070 min
 Lab File: VD070776.D
 Acq: 20 Oct 2021 15:23

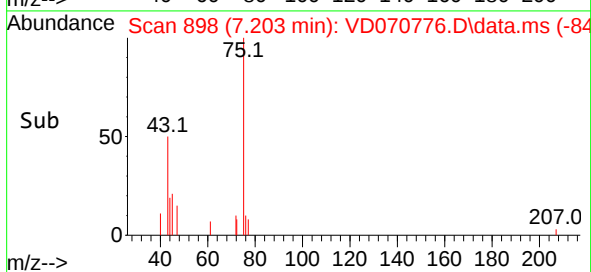
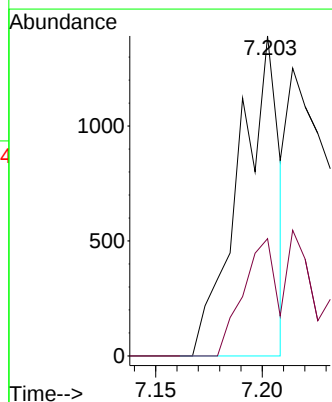
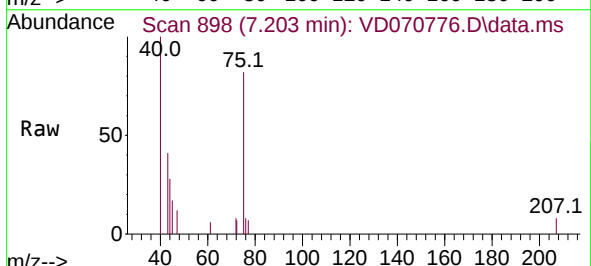
Instrument :
 MSVOA_D
 ClientSampleId :
 CONCRETE-PAD

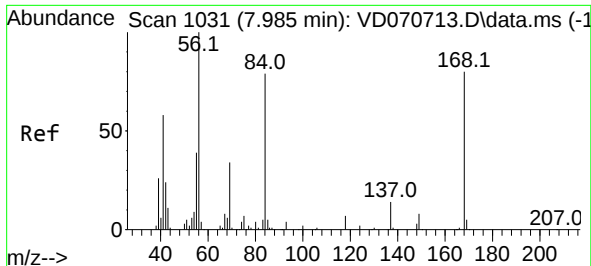
Tgt Ion: 43 Resp: 59
 Ion Ratio Lower Upper
 43 100
 86 0.0 9.8 14.6#



#25
 2-Butanone
 Concen: 1.614 ug/l
 RT: 7.203 min Scan# 898
 Delta R.T. -0.006 min
 Lab File: VD070776.D
 Acq: 20 Oct 2021 15:23

Tgt Ion: 43 Resp: 1822
 Ion Ratio Lower Upper
 43 100
 72 36.6 25.2 37.8





#31

Cyclohexane

Concen: 1.193 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.018 min

Lab File: VD070776.D

Acq: 20 Oct 2021 15:23

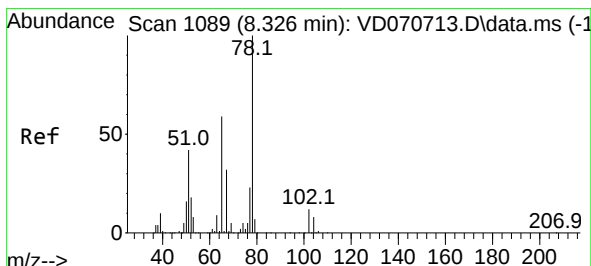
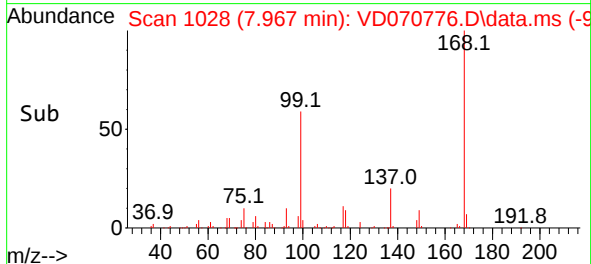
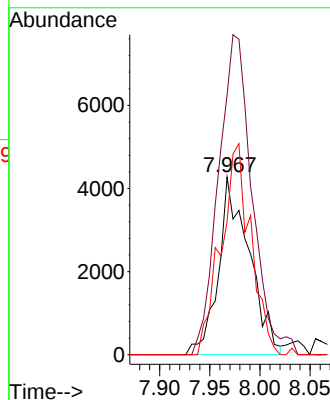
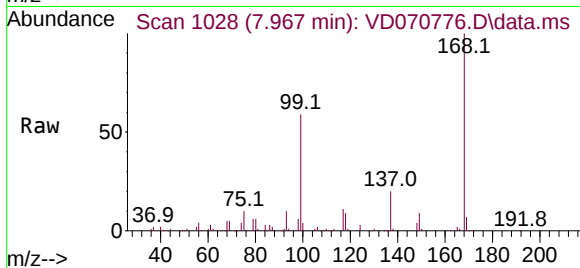
Instrument :

MSVOA_D

ClientSampleId :

CONCRETE-PAD

Tgt Ion: 56	Resp: 9144
Ion Ratio	Lower Upper
56	100
69	146.2 27.4 41.2#
84	85.5 73.6 110.4



#33

1,2-Dichloroethane-d4

Concen: 60.112 ug/l

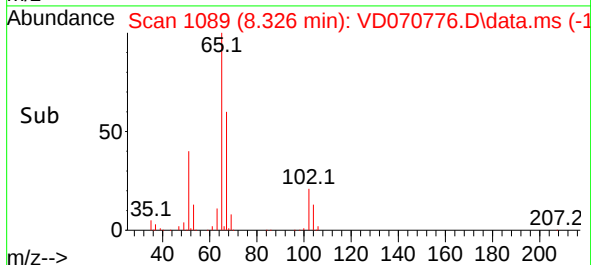
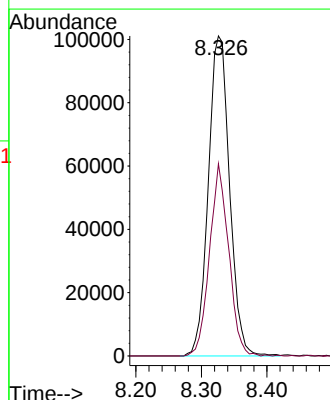
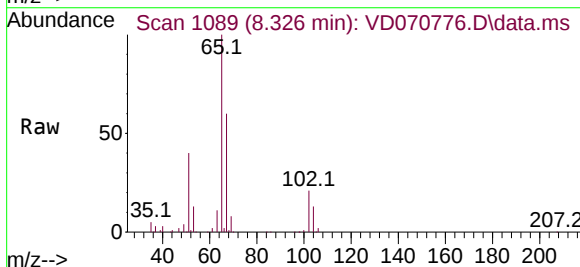
RT: 8.326 min Scan# 1089

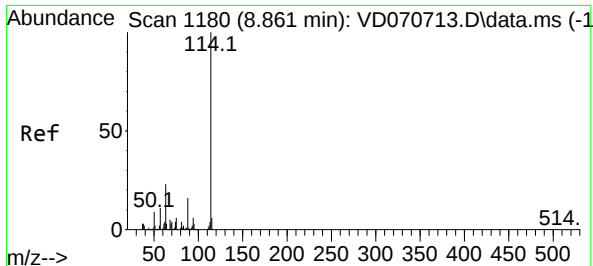
Delta R.T. 0.000 min

Lab File: VD070776.D

Acq: 20 Oct 2021 15:23

Tgt Ion: 65	Resp: 227750
Ion Ratio	Lower Upper
65	100
67	54.1 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD070776.D

Acq: 20 Oct 2021 15:23

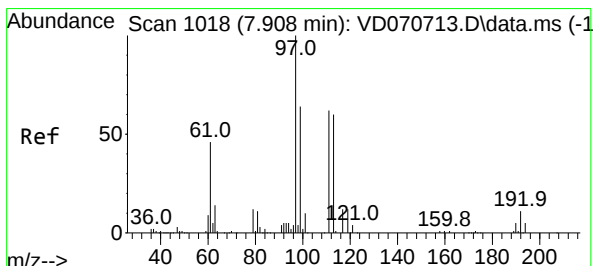
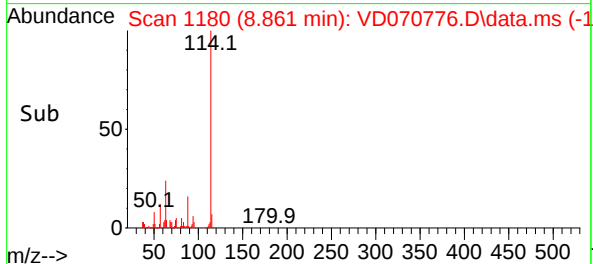
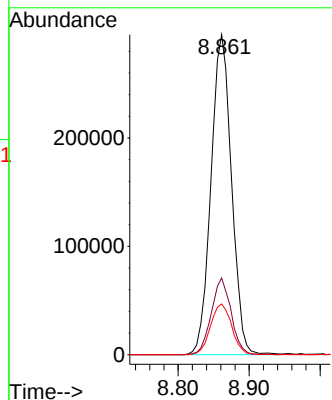
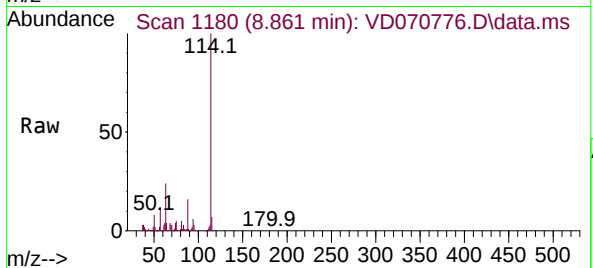
Tgt Ion:114 Resp: 592479

Ion Ratio Lower Upper

114 100

63 24.0 0.0 41.8

88 15.9 0.0 32.6



#35

Dibromofluoromethane

Concen: 27.738 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD070776.D

Acq: 20 Oct 2021 15:23

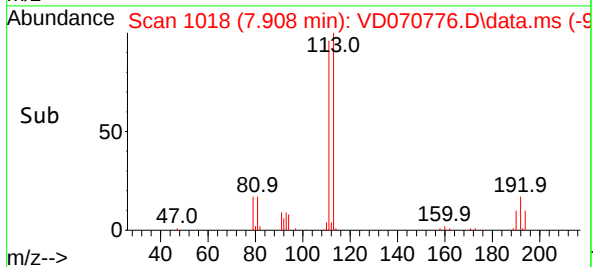
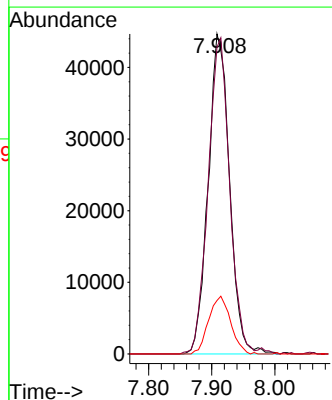
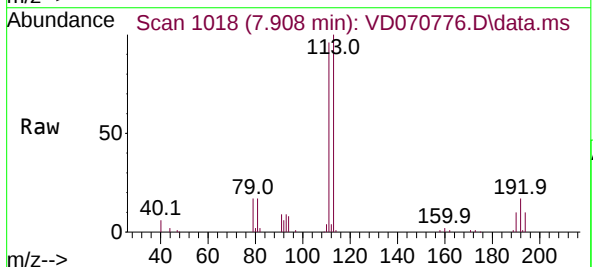
Tgt Ion:113 Resp: 105228

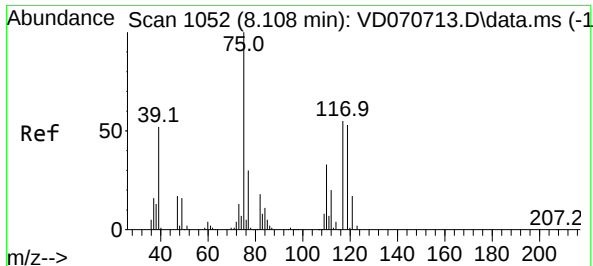
Ion Ratio Lower Upper

113 100

111 99.1 83.1 124.7

192 18.5 12.7 19.1

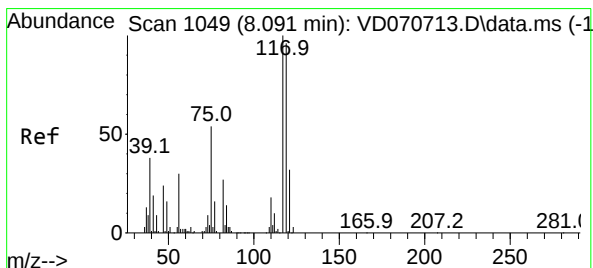
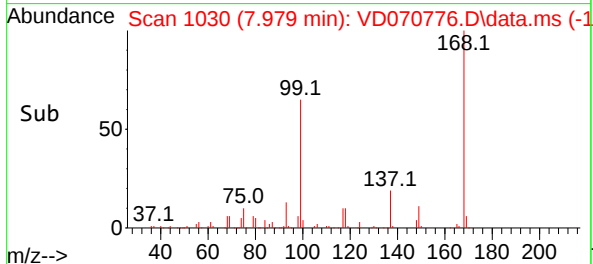
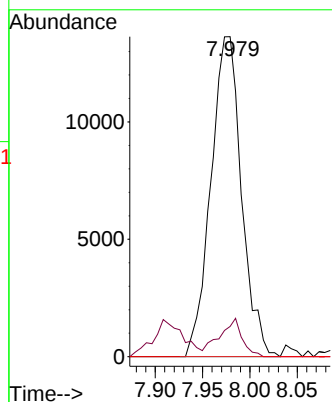
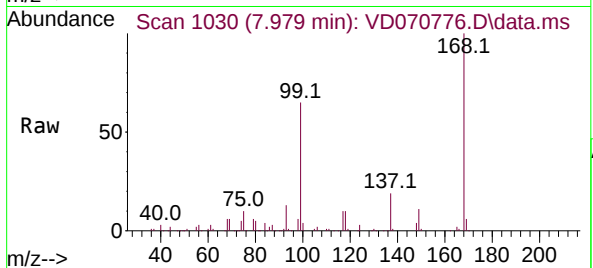




#36
1,1-Dichloropropene
Concen: 4.649 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.129 min
Lab File: VD070776.D
Acq: 20 Oct 2021 15:23

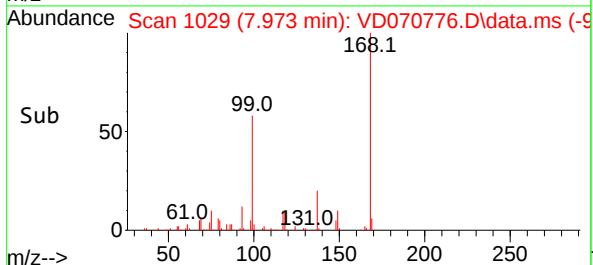
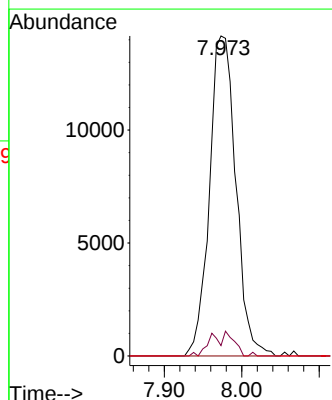
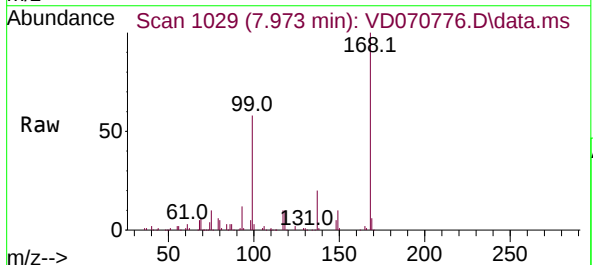
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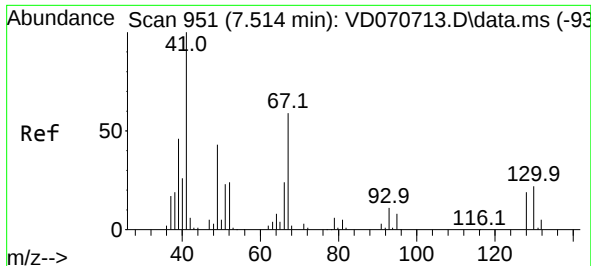
Tgt Ion: 75 Resp: 30682
Ion Ratio Lower Upper
75 100
110 8.9 17.2 51.6#
77 0.0 24.2 36.4#



#38
Carbon Tetrachloride
Concen: 5.308 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD070776.D
Acq: 20 Oct 2021 15:23

Tgt Ion: 117 Resp: 33559
Ion Ratio Lower Upper
117 100
119 3.3 77.4 116.0#
121 0.0 25.4 38.0#

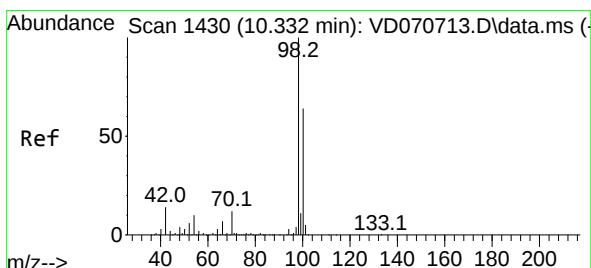
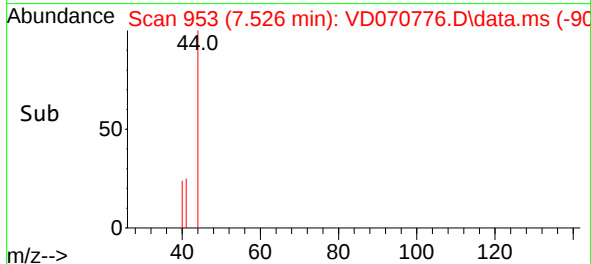
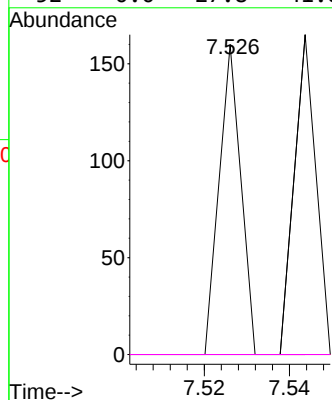
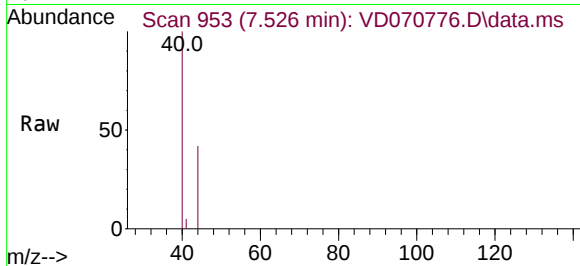




#41
Methacrylonitrile
Concen: 1.975 ug/l
RT: 7.526 min Scan# 953
Delta R.T. 0.012 min
Lab File: VD070776.D
Acq: 20 Oct 2021 15:23

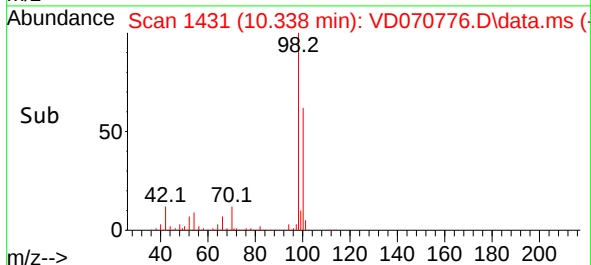
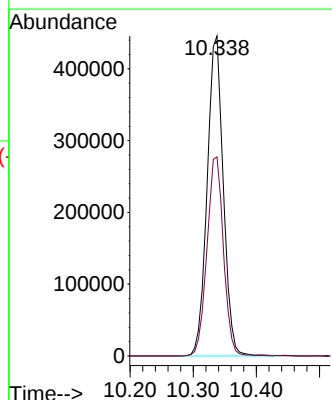
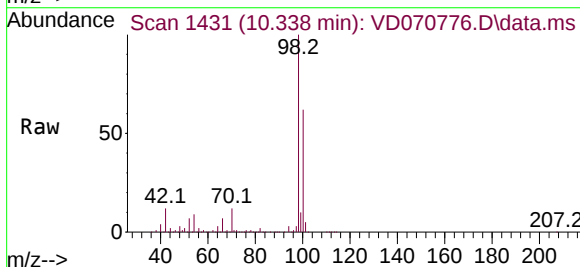
Instrument :
MSVOA_D
ClientSampleId :
CONCRETE-PAD

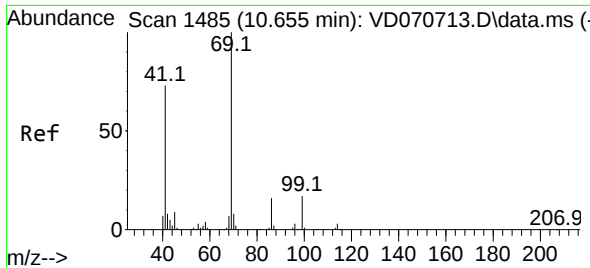
Tgt Ion:	41	Resp:	56
Ion	Ratio	Lower	Upper
41	100		
39	0.0	45.2	67.8#
67	0.0	75.8	113.6#
52	0.0	27.8	41.8#



#50
Toluene-d8
Concen: 54.412 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070776.D
Acq: 20 Oct 2021 15:23

Tgt Ion:	98	Resp:	791278
Ion	Ratio	Lower	Upper
98	100		
100	63.5	52.2	78.4

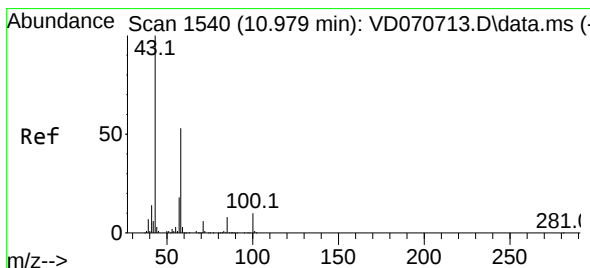
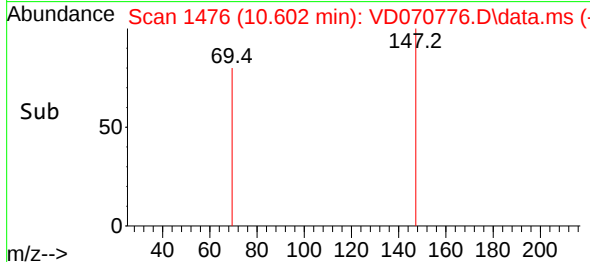
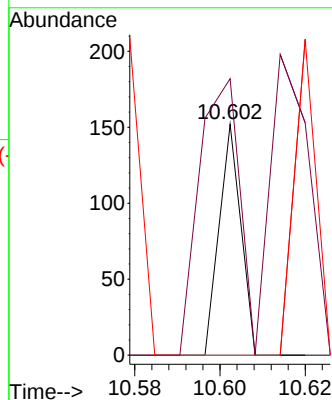
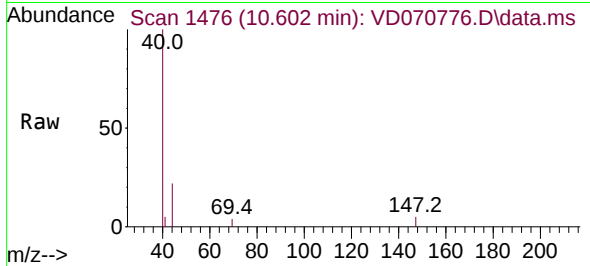




#56
Ethyl methacrylate
Concen: 4.166 ug/l
RT: 10.602 min Scan# 1476
Delta R.T. -0.053 min
Lab File: VD070776.D
Acq: 20 Oct 2021 15:23

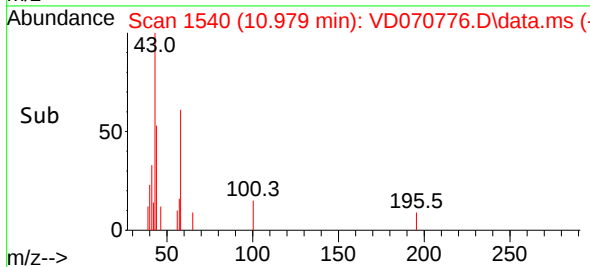
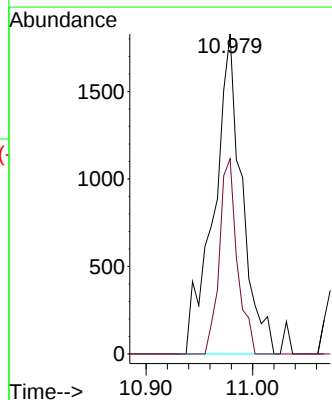
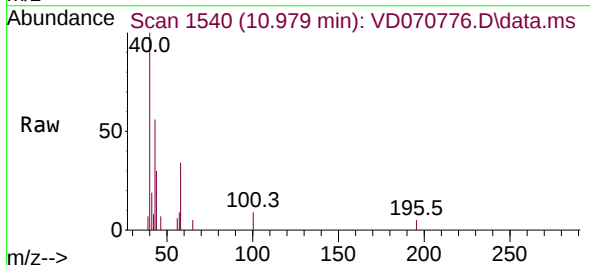
Instrument :
MSVOA_D
ClientSampleId :
CONCRETE-PAD

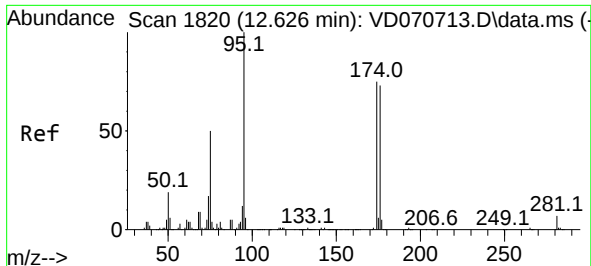
Tgt Ion: 69 Resp: 54
Ion Ratio Lower Upper
69 100
41 220.4 44.7 67.1#
39 0.0 19.5 29.3#



#59
2-Hexanone
Concen: 1.727 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VD070776.D
Acq: 20 Oct 2021 15:23

Tgt Ion: 43 Resp: 3343
Ion Ratio Lower Upper
43 100
58 38.8 30.4 91.3

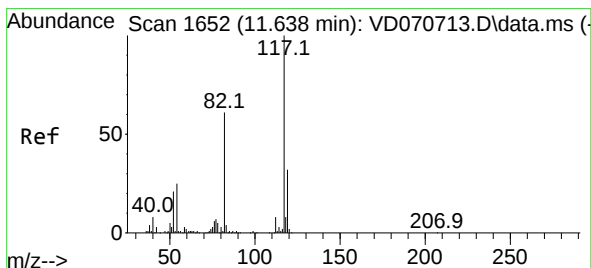
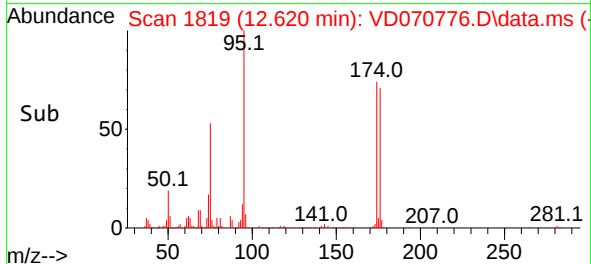
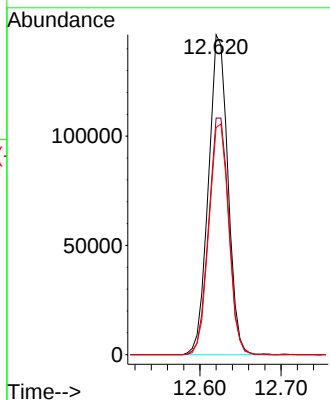
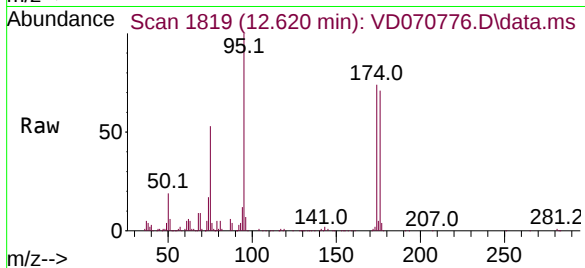




#62
4-Bromofluorobenzene
Concen: 48.701 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070776.D
Acq: 20 Oct 2021 15:23

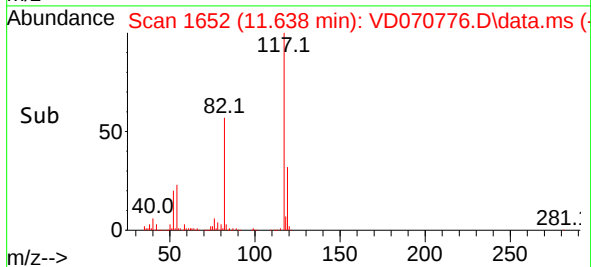
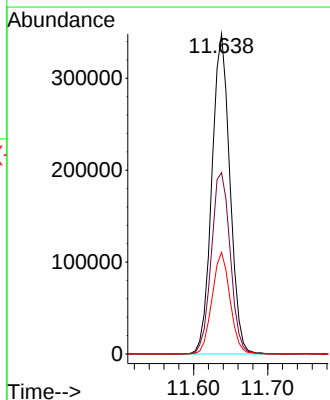
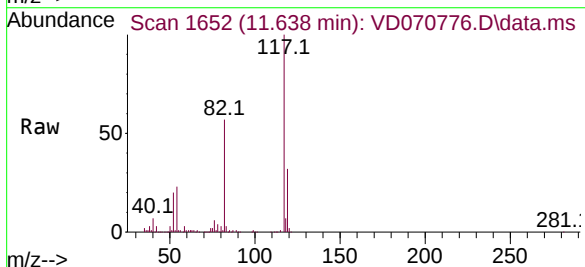
Instrument :
MSVOA_D
ClientSampleId :
CONCRETE-PAD

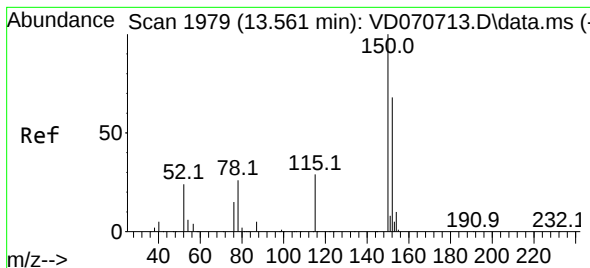
Tgt Ion: 95 Resp: 243868
Ion Ratio Lower Upper
95 100
174 76.7 0.0 138.0
176 73.3 0.0 135.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070776.D
Acq: 20 Oct 2021 15:23

Tgt Ion: 117 Resp: 587941
Ion Ratio Lower Upper
117 100
82 56.7 45.4 68.2
119 31.7 24.7 37.1

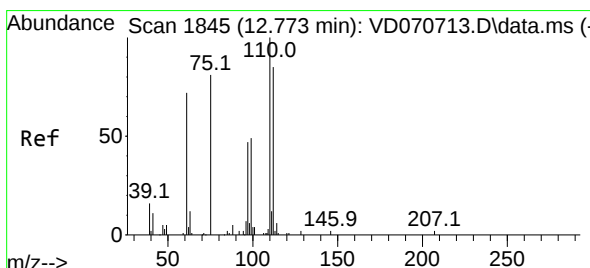
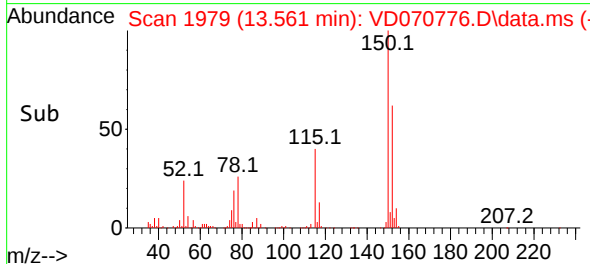
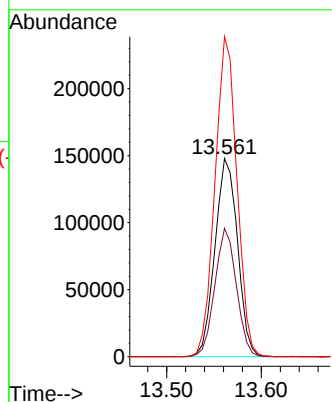
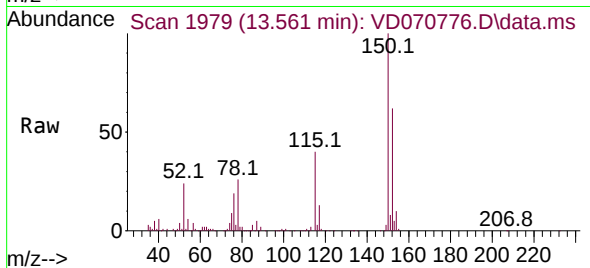




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD070776.D
 Acq: 20 Oct 2021 15:23

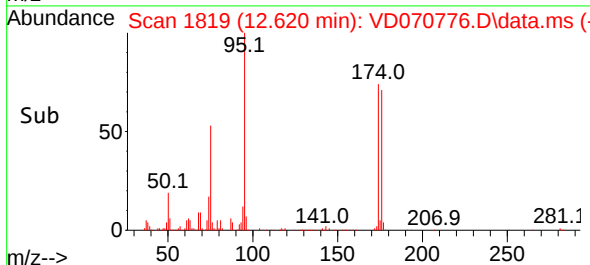
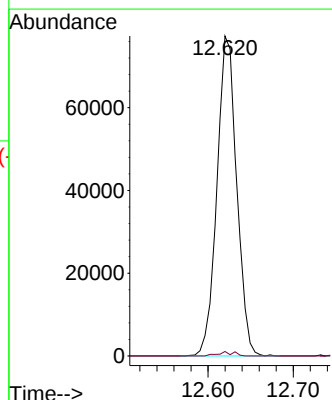
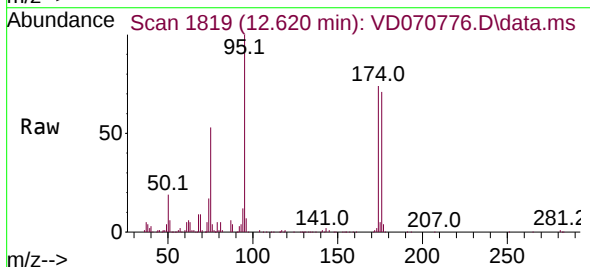
Instrument :
 MSVOA_D
 ClientSampleId :
 CONCRETE-PAD

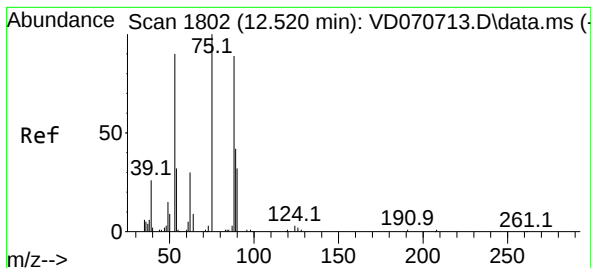
Tgt Ion:152 Resp: 245141
 Ion Ratio Lower Upper
 152 100
 115 61.8 31.9 95.7
 150 156.9 0.0 350.0



#76
 1,2,3-Trichloropropane
 Concen: 58.700 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.153 min
 Lab File: VD070776.D
 Acq: 20 Oct 2021 15:23

Tgt Ion: 75 Resp: 124322
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#

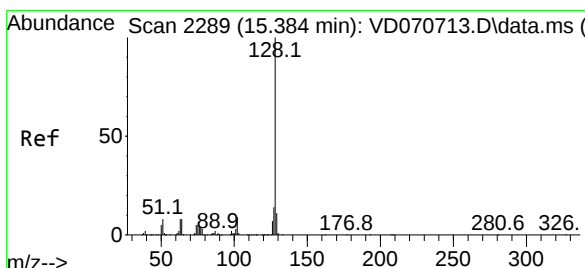
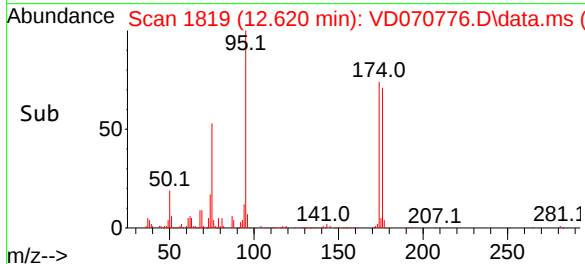
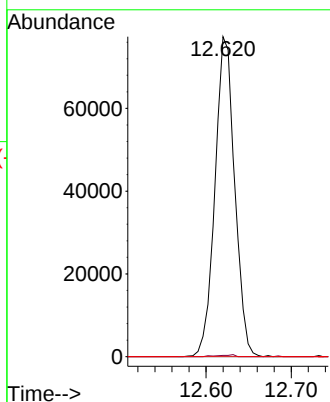
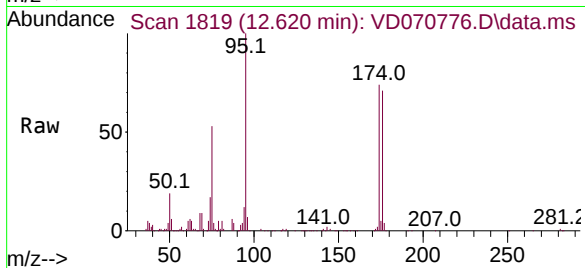




#81
trans-1,4-Dichloro-2-butene
Concen: 128.571 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD070776.D
Acq: 20 Oct 2021 15:23

Instrument :
MSVOA_D
ClientSampleId :
CONCRETE-PAD

Tgt Ion: 75 Resp: 124322
Ion Ratio Lower Upper
75 100
53 0.5 64.5 96.7#
89 0.0 35.3 52.9#



#95
Naphthalene
Concen: 4.894 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.005 min
Lab File: VD070776.D
Acq: 20 Oct 2021 15:23

Tgt Ion:128 Resp: 891
Ion Ratio Lower Upper
128 100
127 0.0 10.9 16.3#
129 0.0 8.6 12.8#

