

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060721\
 Data File : VD069368.D
 Acq On : 07 Jun 2021 15:17
 Operator : VA/SY
 Sample : M2633-01
 Misc : 5.13G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WASTE

Quant Time: Jun 08 04:22:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 02 02:17:36 2021
 Response via : Initial Calibration

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

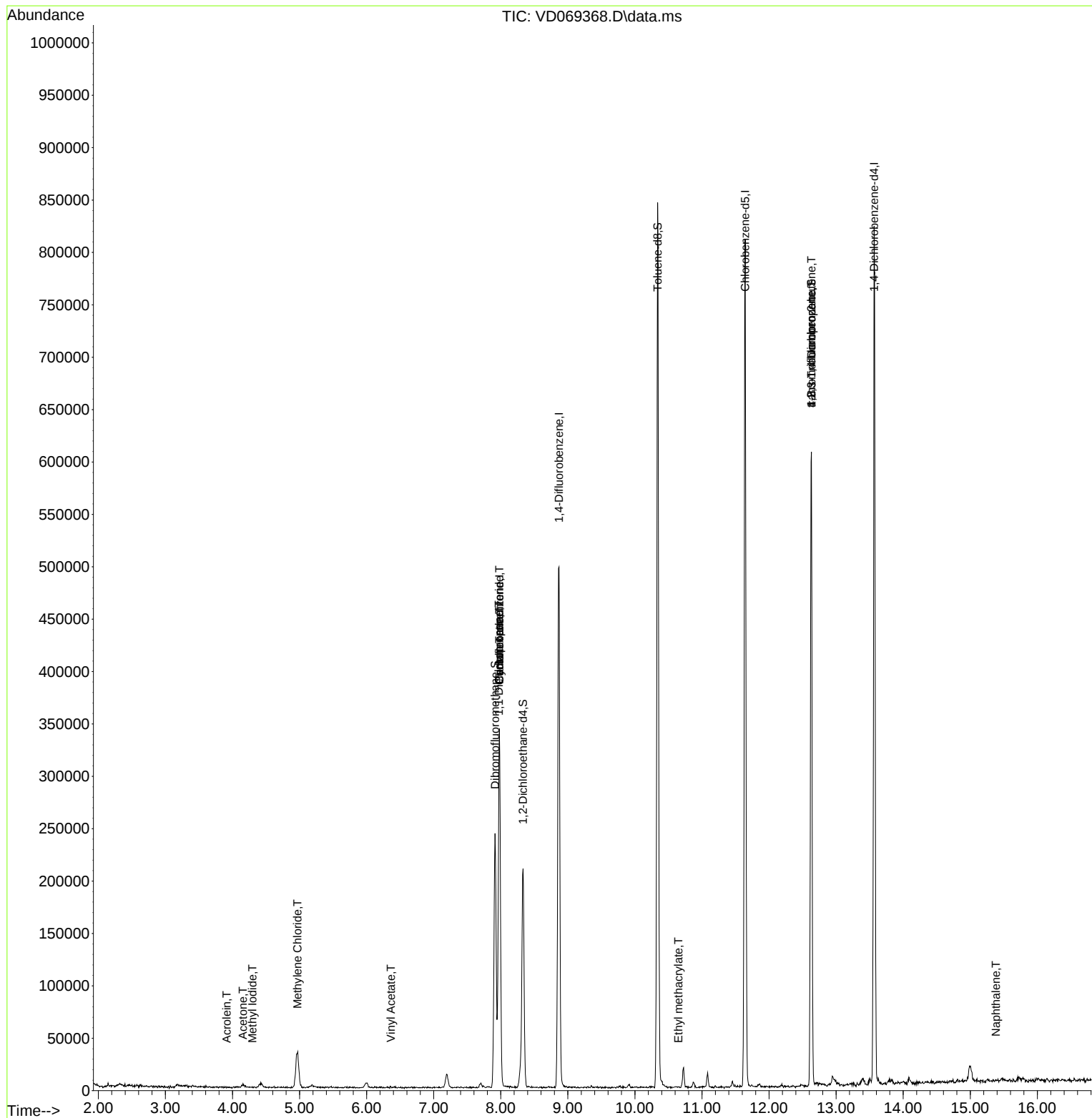
Internal Standards						
1) Pentafluorobenzene	7.979	168	252003	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	459557	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	488783	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	226973	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	166476	68.85	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 137.70%			
35) Dibromofluoromethane	7.914	113	172320	59.71	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 119.42%			
50) Toluene-d8	10.338	98	591118	56.33	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 112.66%			
62) 4-Bromofluorobenzene	12.632	95	200846	58.41	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 116.82%			
Target Compounds						Qvalue
10) Methyl Iodide	4.297	142	134	2.56	ug/l #	39
11) Tert butyl alcohol	5.244	59	123	Below Cal	#	73
13) Acrolein	3.914	56	100	17.72	ug/l #	16
16) Acetone	4.156	43	5918	14.02	ug/l	93
20) Methylene Chloride	4.967	84	30470	3.59	ug/l #	92
23) Vinyl Acetate	6.361	43	71	11.63	ug/l #	67
31) Cyclohexane	7.979	56	5424	1.41	ug/l #	32
36) 1,1-Dichloropropene	7.973	75	20943	4.69	ug/l #	48
38) Carbon Tetrachloride	7.979	117	26274	5.45	ug/l #	17
56) Ethyl methacrylate	10.649	69	135	2.68	ug/l #	45
76) 1,2,3-Trichloropropane	12.632	75	99141	50.27	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.632	75	99141	111.41	ug/l #	18
95) Naphthalene	15.384	128	1020	3.42	ug/l #	76

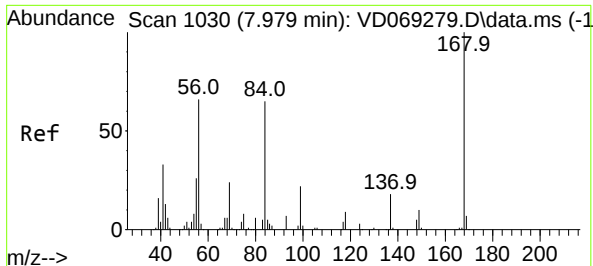
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 08 04:22:54 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
Quant Title : SW846 8260
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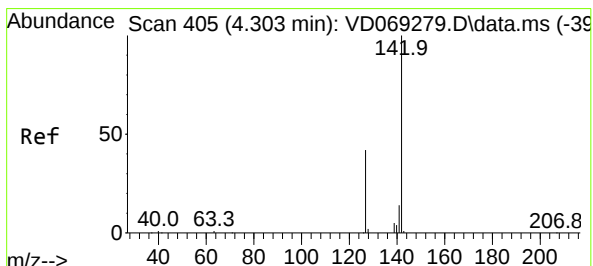
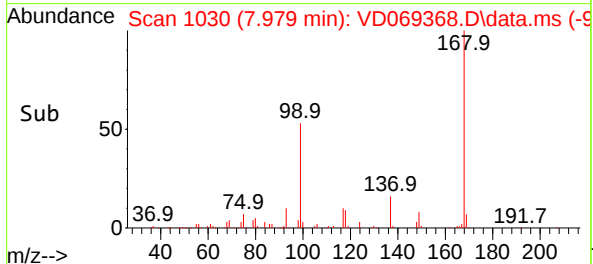
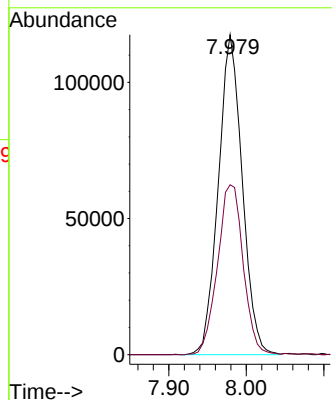
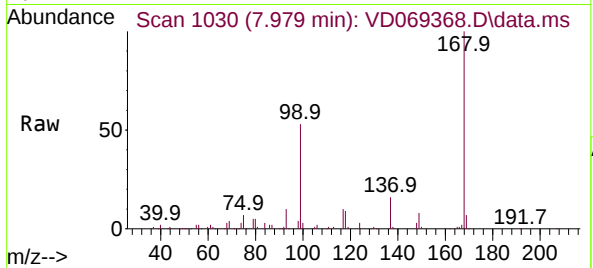




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069368.D
Acq: 07 Jun 2021 15:17

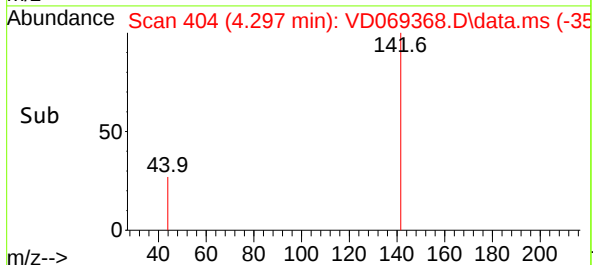
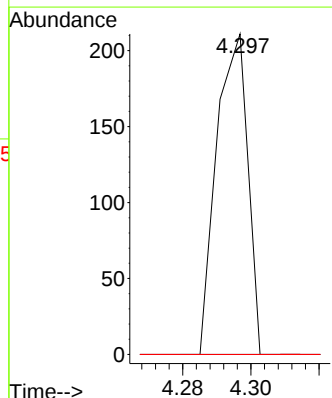
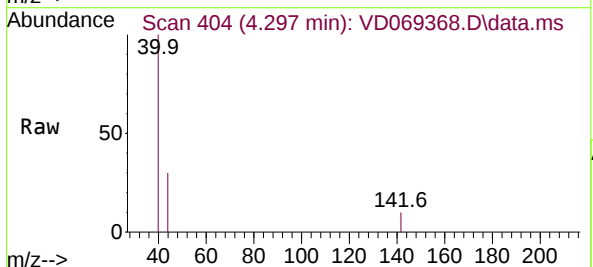
Instrument :
MSVOA_D
ClientSampleId :
WASTE

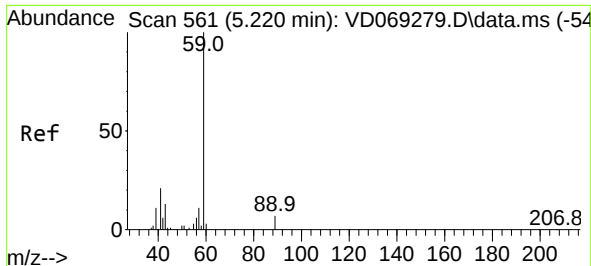
Tgt Ion:168 Resp: 252003
Ion Ratio Lower Upper
168 100
99 53.1 46.2 69.2



#10
Methyl Iodide
Concen: 2.56 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD069368.D
Acq: 07 Jun 2021 15:17

Tgt Ion:142 Resp: 134
Ion Ratio Lower Upper
142 100
127 0.0 36.2 54.2#
141 0.0 12.2 18.2#



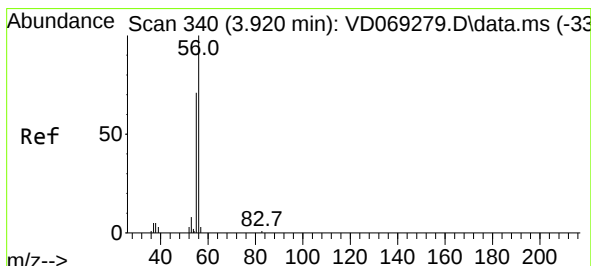
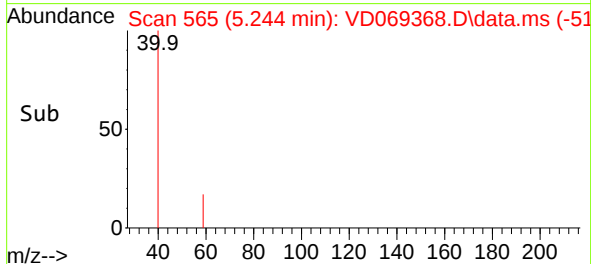
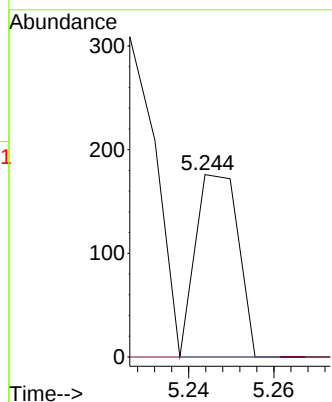
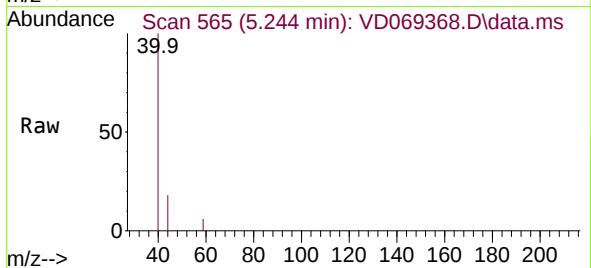


#11

Tert butyl alcohol
Concen: Below Cal
RT: 5.244 min Scan# 565
Delta R.T. 0.024 min
Lab File: VD069368.D
Acq: 07 Jun 2021 15:17

Instrument :
MSVOA_D
ClientSampleId :
WASTE

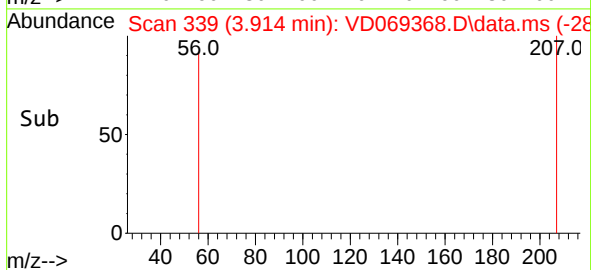
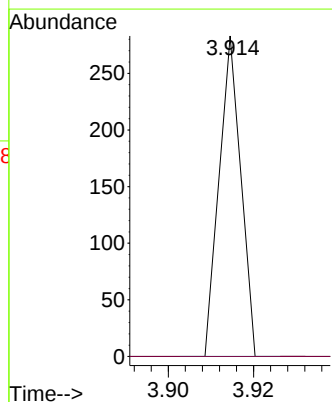
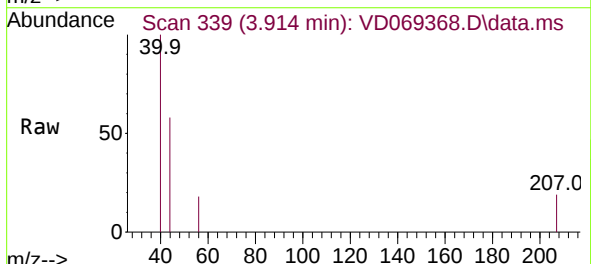
Tgt Ion: 59 Resp: 123
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

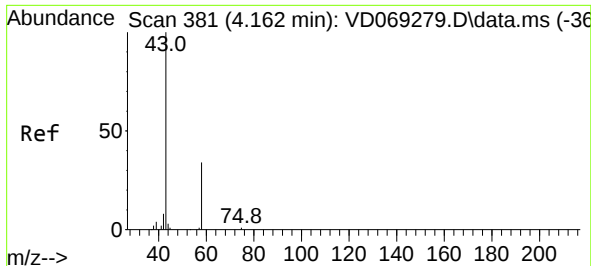


#13

Acrolein
Concen: 17.72 ug/l
RT: 3.914 min Scan# 339
Delta R.T. -0.006 min
Lab File: VD069368.D
Acq: 07 Jun 2021 15:17

Tgt Ion: 56 Resp: 100
Ion Ratio Lower Upper
56 100
55 0.0 53.8 80.8#

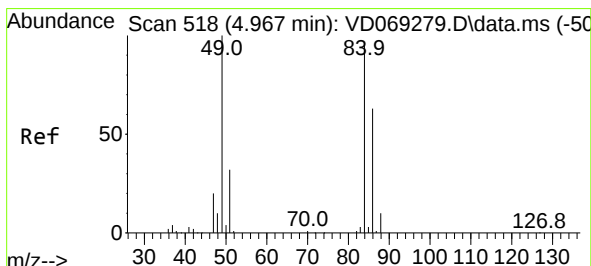
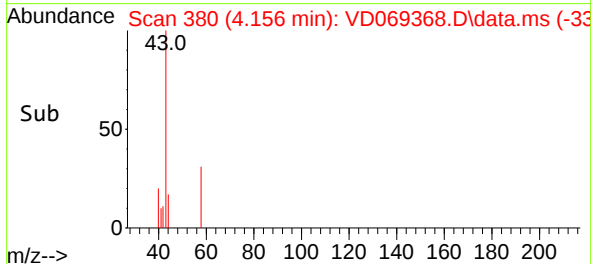
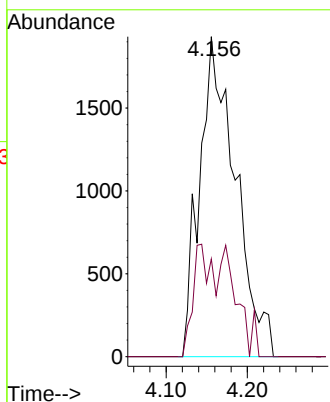
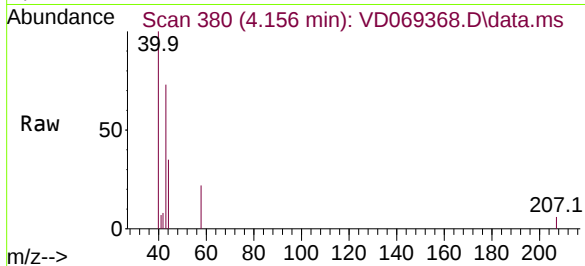




#16
Acetone
Concen: 14.02 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD069368.D
Acq: 07 Jun 2021 15:17

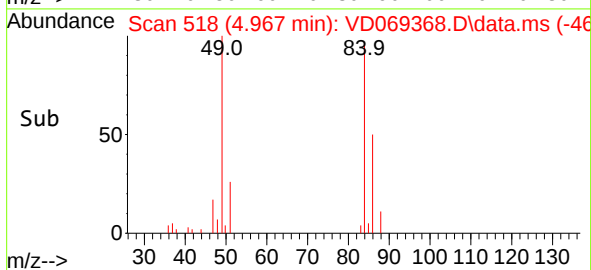
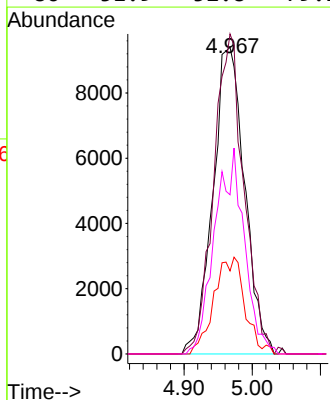
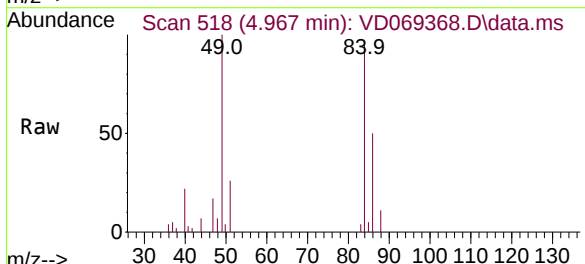
Instrument :
MSVOA_D
ClientSampleId :
WASTE

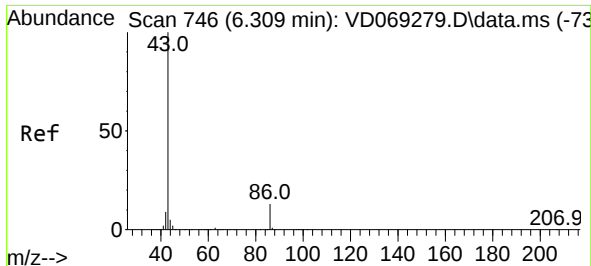
Tgt Ion: 43 Resp: 5918
Ion Ratio Lower Upper
43 100
58 30.6 27.5 41.3



#20
Methylene Chloride
Concen: 3.59 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.000 min
Lab File: VD069368.D
Acq: 07 Jun 2021 15:17

Tgt Ion: 84 Resp: 30470
Ion Ratio Lower Upper
84 100
49 104.4 83.7 125.5
51 27.1 26.4 39.6
86 51.9 52.8 79.2#

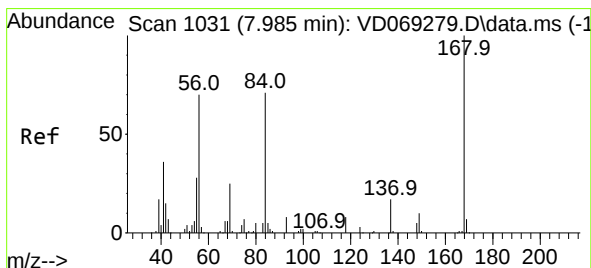
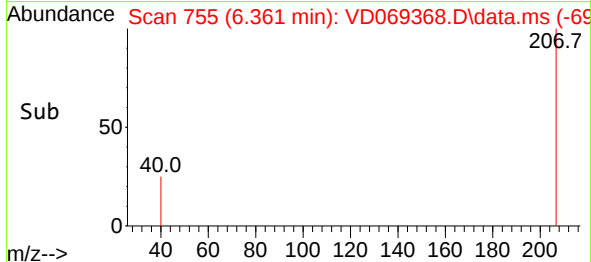
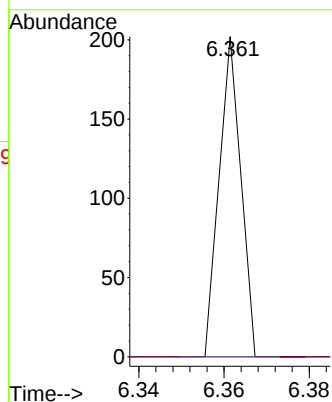
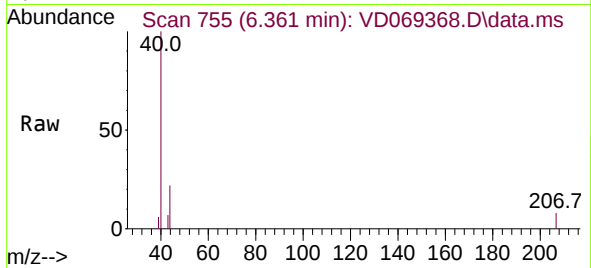




#23
 Vinyl Acetate
 Concen: 11.63 ug/l
 RT: 6.361 min Scan# 755
 Delta R.T. 0.052 min
 Lab File: VD069368.D
 Acq: 07 Jun 2021 15:17

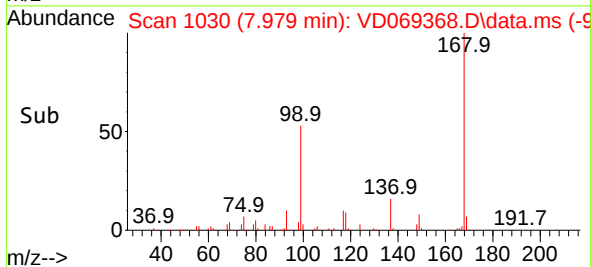
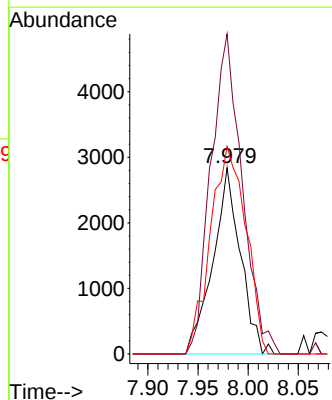
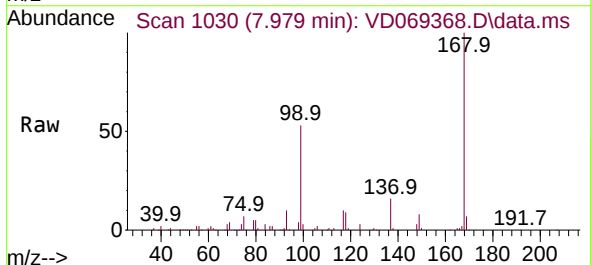
Instrument :
 MSVOA_D
 ClientSampled :
 WASTE

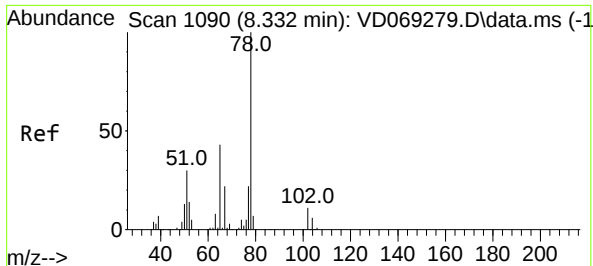
Tgt Ion: 43 Resp: 71
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.5 15.7#



#31
 Cyclohexane
 Concen: 1.41 ug/l
 RT: 7.979 min Scan# 1030
 Delta R.T. -0.006 min
 Lab File: VD069368.D
 Acq: 07 Jun 2021 15:17

Tgt Ion: 56 Resp: 5424
 Ion Ratio Lower Upper
 56 100
 69 171.8 29.0 43.4#
 84 111.3 81.1 121.7

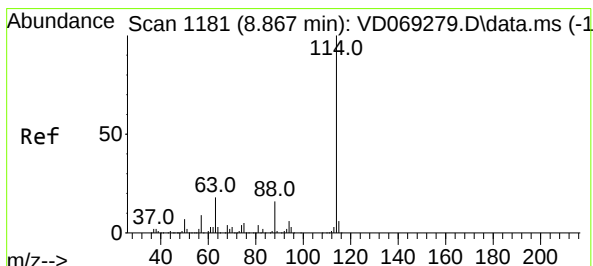
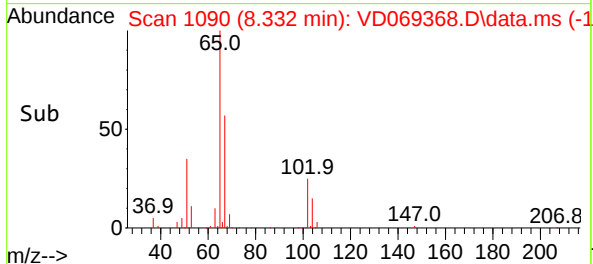
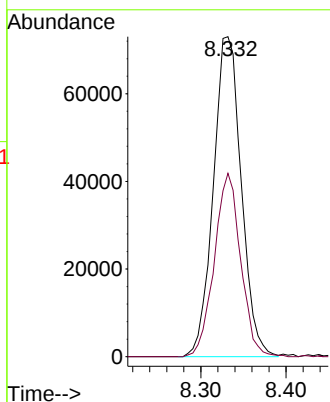
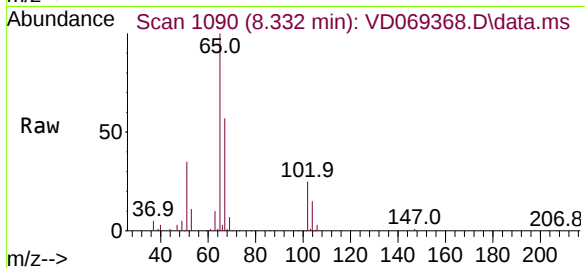




#33
1,2-Dichloroethane-d4
Concen: 68.85 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069368.D
Acq: 07 Jun 2021 15:17

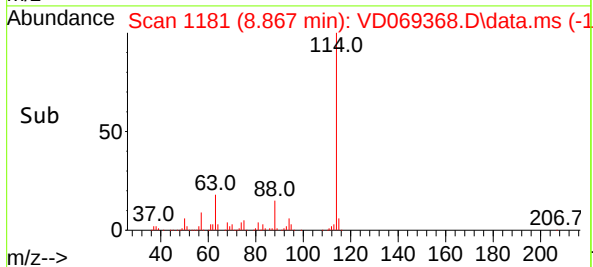
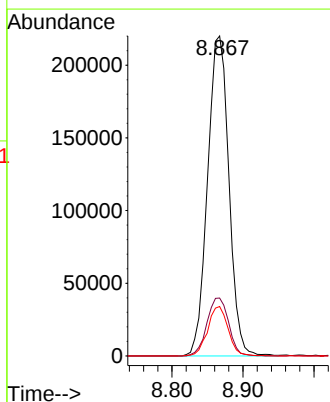
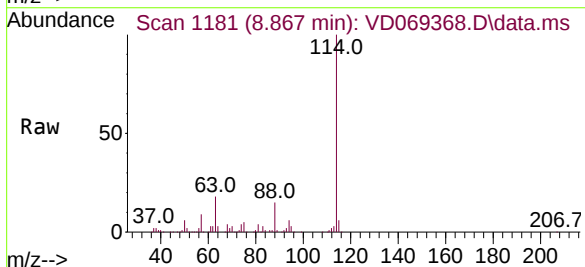
Instrument :
MSVOA_D
ClientSampled :
WASTE

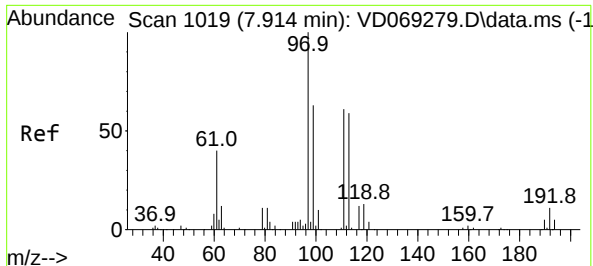
Tgt Ion: 65 Resp: 166476
Ion Ratio Lower Upper
65 100
67 54.0 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069368.D
Acq: 07 Jun 2021 15:17

Tgt Ion: 114 Resp: 459557
Ion Ratio Lower Upper
114 100
63 18.1 0.0 35.6
88 15.4 0.0 31.2





#35

Dibromofluoromethane

Concen: 59.71 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD069368.D

Acq: 07 Jun 2021 15:17

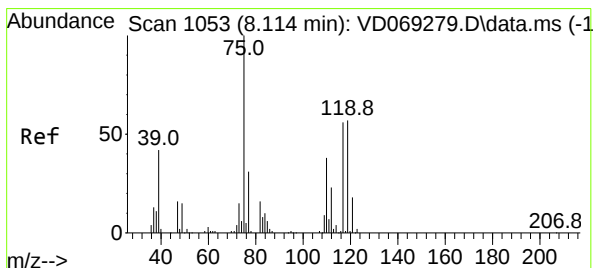
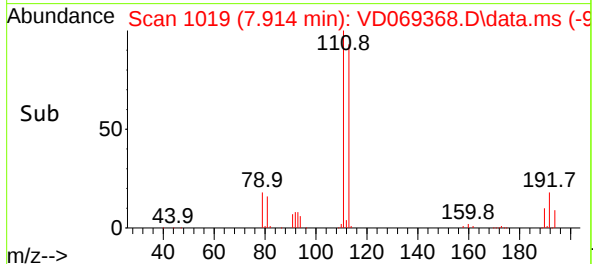
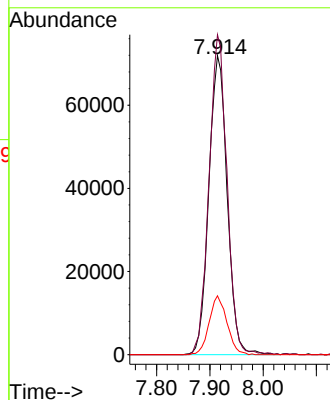
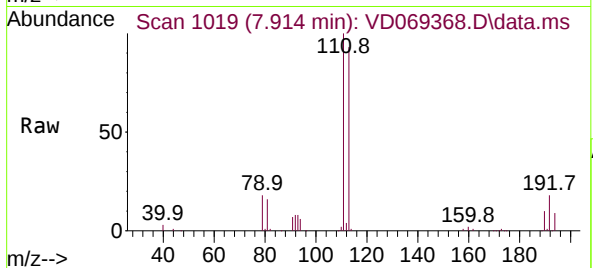
Tgt Ion:113 Resp: 172320

Ion Ratio Lower Upper

113 100

111 105.0 83.0 124.6

192 19.1 15.1 22.7



#36

1,1-Dichloropropene

Concen: 4.69 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.141 min

Lab File: VD069368.D

Acq: 07 Jun 2021 15:17

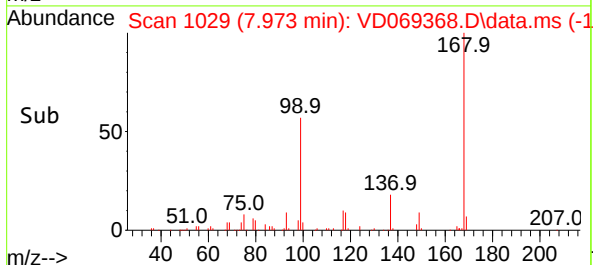
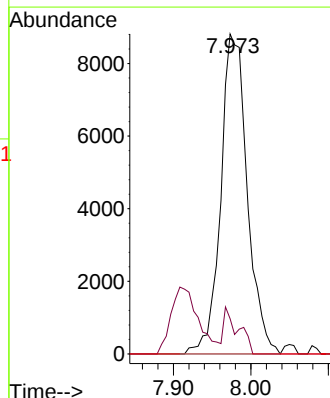
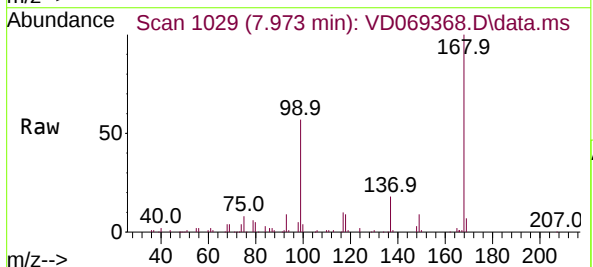
Tgt Ion: 75 Resp: 20943

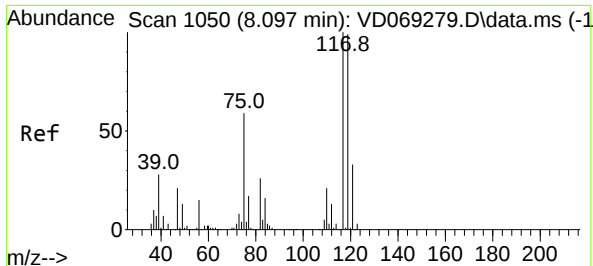
Ion Ratio Lower Upper

75 100

110 8.4 18.4 55.2#

77 0.0 24.9 37.3#

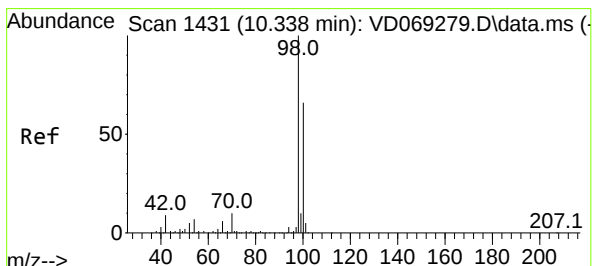
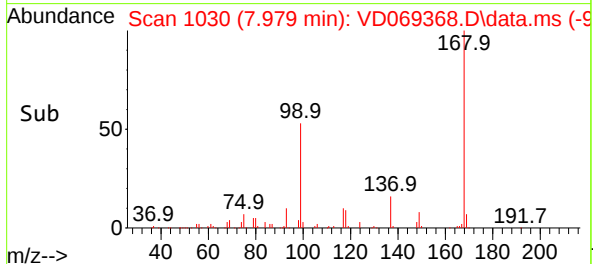
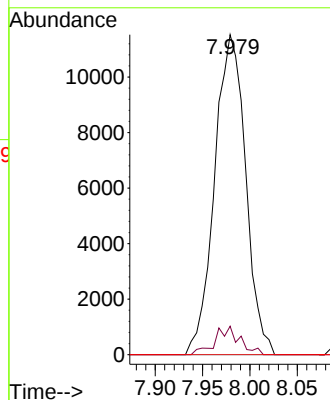
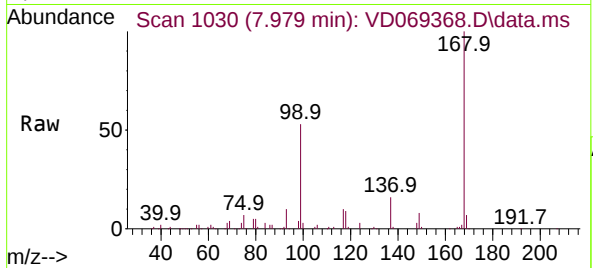




#38
Carbon Tetrachloride
Concen: 5.45 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD069368.D
Acq: 07 Jun 2021 15:17

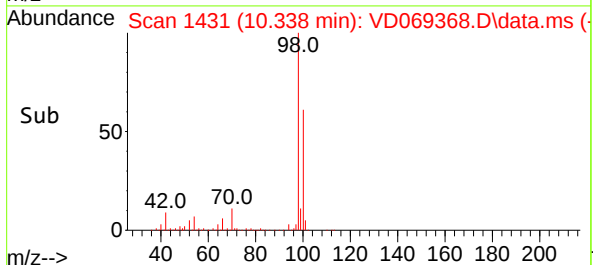
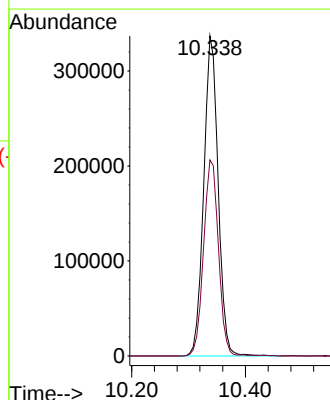
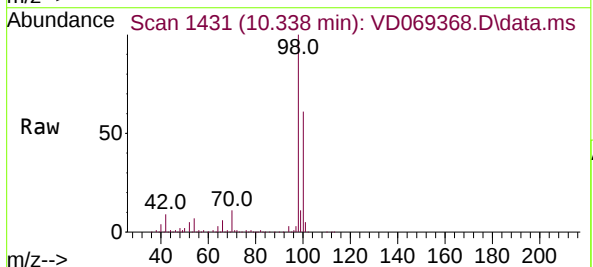
Instrument :
MSVOA_D
ClientSampleId :
WASTE

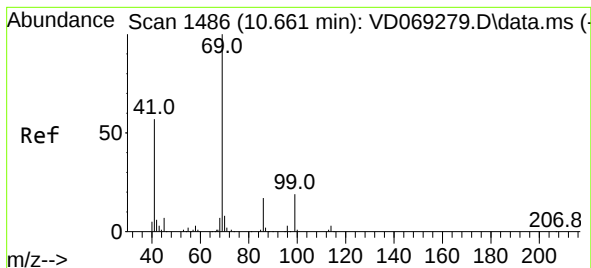
Tgt Ion:117 Resp: 26274
Ion Ratio Lower Upper
117 100
119 8.9 79.4 119.2#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 56.33 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069368.D
Acq: 07 Jun 2021 15:17

Tgt Ion: 98 Resp: 591118
Ion Ratio Lower Upper
98 100
100 63.4 52.1 78.1

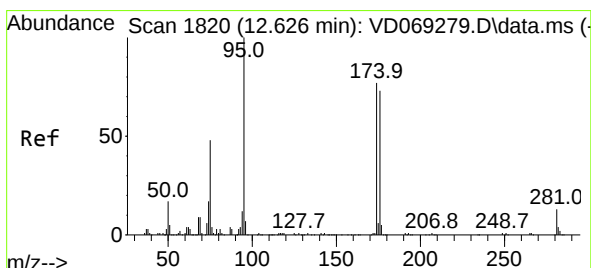
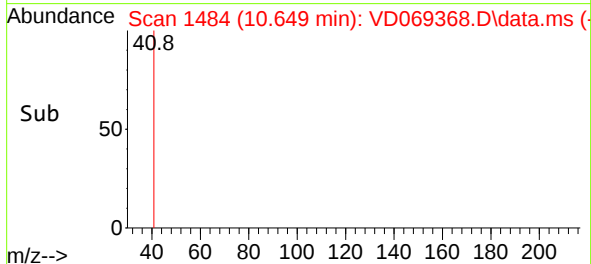
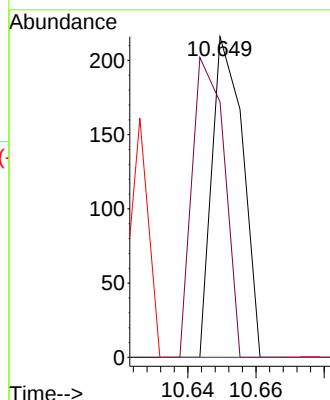
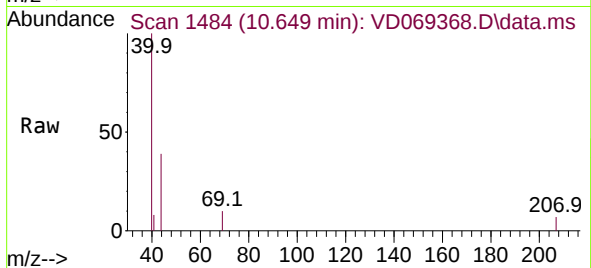




#56
Ethyl methacrylate
Concen: 2.68 ug/l
RT: 10.649 min Scan# 1484
Delta R.T. -0.012 min
Lab File: VD069368.D
Acq: 07 Jun 2021 15:17

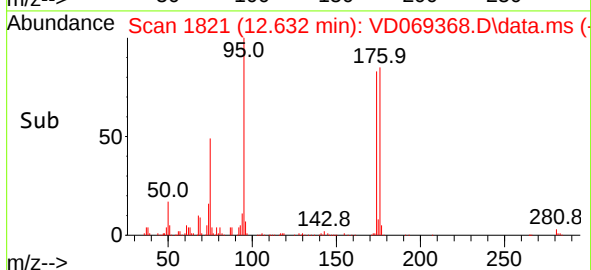
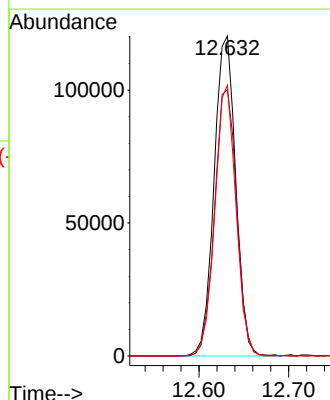
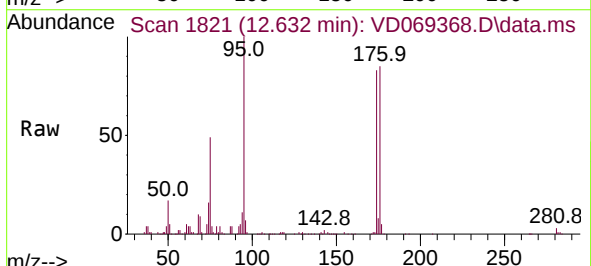
Instrument :
MSVOA_D
ClientSampled :
WASTE

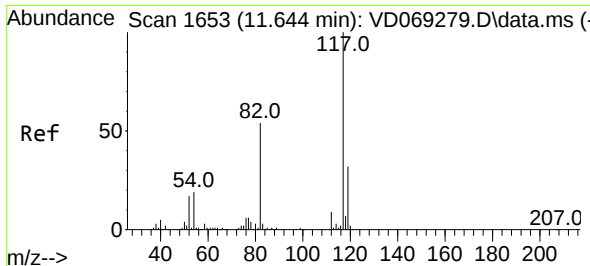
Tgt Ion: 69 Resp: 135
Ion Ratio Lower Upper
69 100
41 97.8 45.4 68.2#
39 0.0 21.7 32.5#



#62
4-Bromofluorobenzene
Concen: 58.41 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD069368.D
Acq: 07 Jun 2021 15:17

Tgt Ion: 95 Resp: 200846
Ion Ratio Lower Upper
95 100
174 85.7 0.0 162.8
176 82.3 0.0 154.4

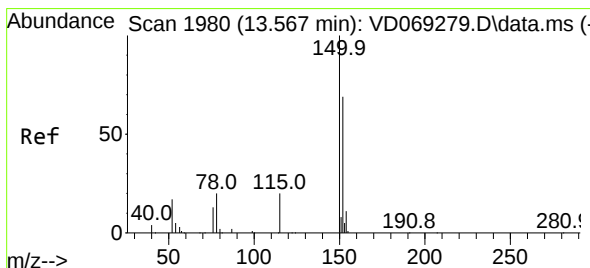
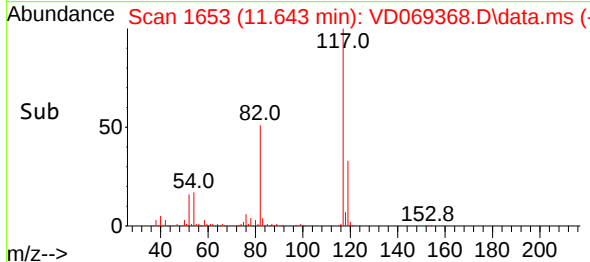
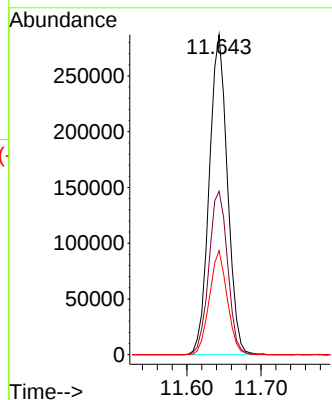
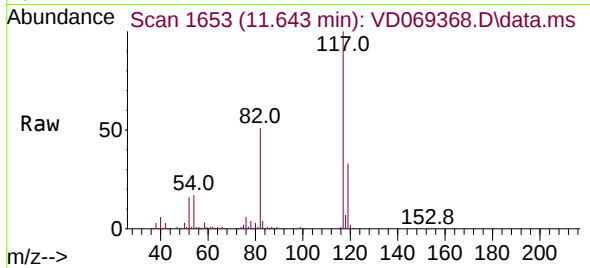




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069368.D
Acq: 07 Jun 2021 15:17

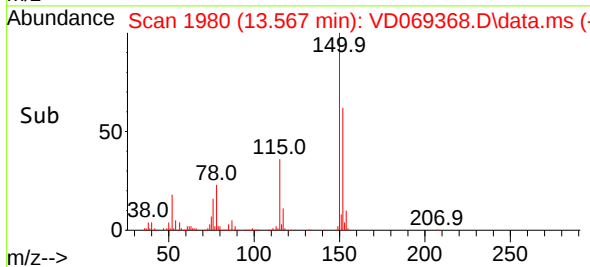
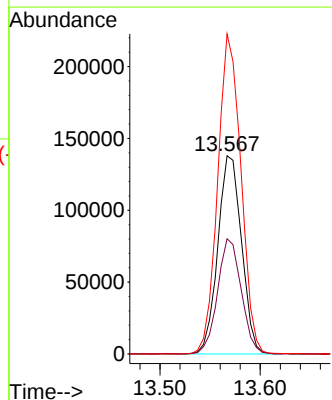
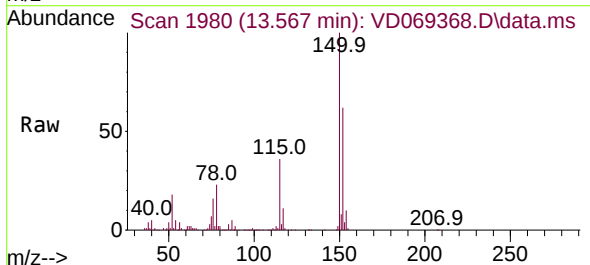
Instrument :
MSVOA_D
ClientSampleId :
WASTE

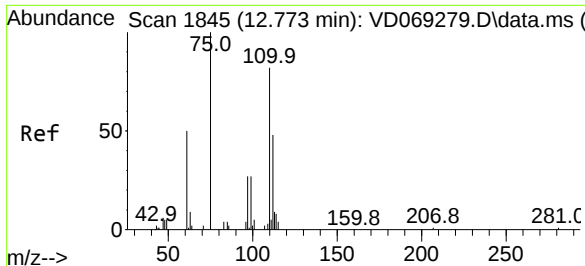
Tgt Ion:117	Resp: 488783
Ion Ratio	Lower Upper
117 100	
82 51.1	43.3 64.9
119 32.5	25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069368.D
Acq: 07 Jun 2021 15:17

Tgt Ion:152	Resp:	226973	
Ion	Ratio	Lower	Upper
152	100		
115	57.8	29.4	88.3
150	157.9	0.0	355.0

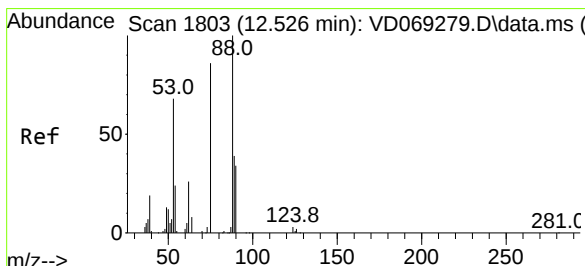
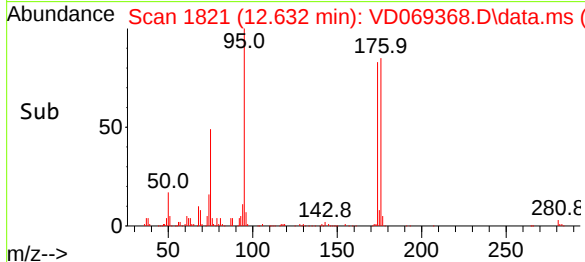
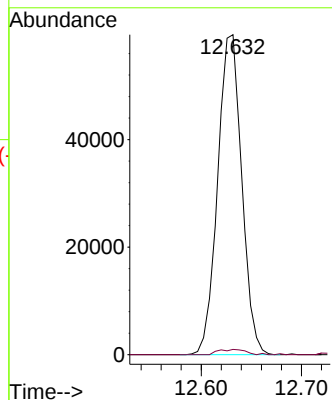
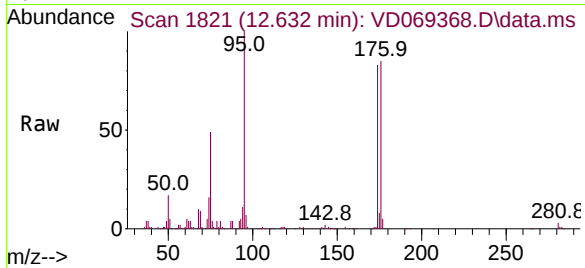




#76
1,2,3-Trichloropropane
Concen: 50.27 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.141 min
Lab File: VD069368.D
Acq: 07 Jun 2021 15:17

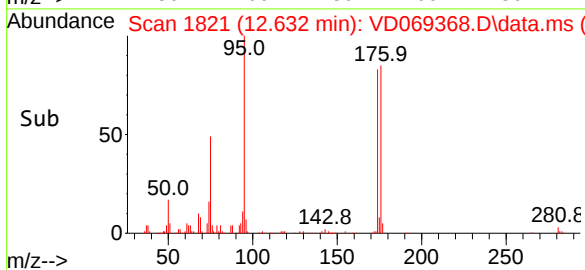
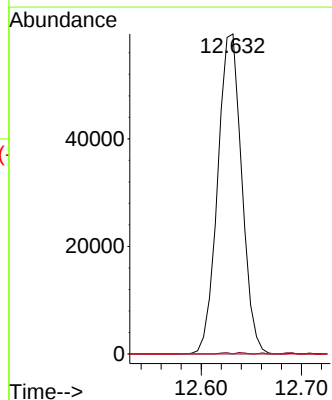
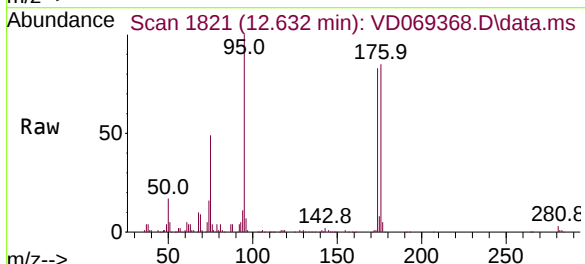
Instrument :
MSVOA_D
ClientSampled :
WASTE

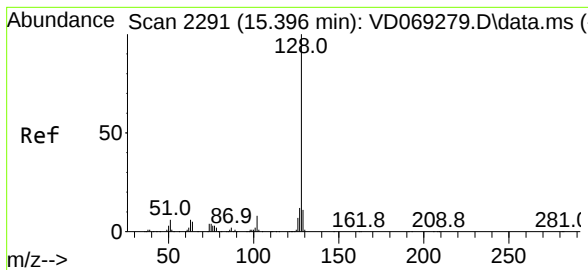
Tgt Ion: 75 Resp: 99141
Ion Ratio Lower Upper
75 100
77 1.9 183.8 551.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 111.41 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD069368.D
Acq: 07 Jun 2021 15:17

Tgt Ion: 75 Resp: 99141
Ion Ratio Lower Upper
75 100
53 0.2 62.6 94.0#
89 0.0 35.6 53.4#





#95
Naphthalene
Concen: 3.42 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. -0.012 min
Lab File: VD069368.D
Acq: 07 Jun 2021 15:17

Instrument :
MSVOA_D
ClientSampleId :
WASTE

Tgt Ion:	128	Resp:	1020
Ion	Ratio	Lower	Upper
128	100		
127	5.5	10.4	15.6#
129	0.0	8.8	13.2#

