

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070721\
 Data File : VD069618.D
 Acq On : 07 Jul 2021 19:52
 Operator : VA/SY
 Sample : M2963-05
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 08 01:09:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062121S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 22 04:33:24 2021
 Response via : Initial Calibration

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

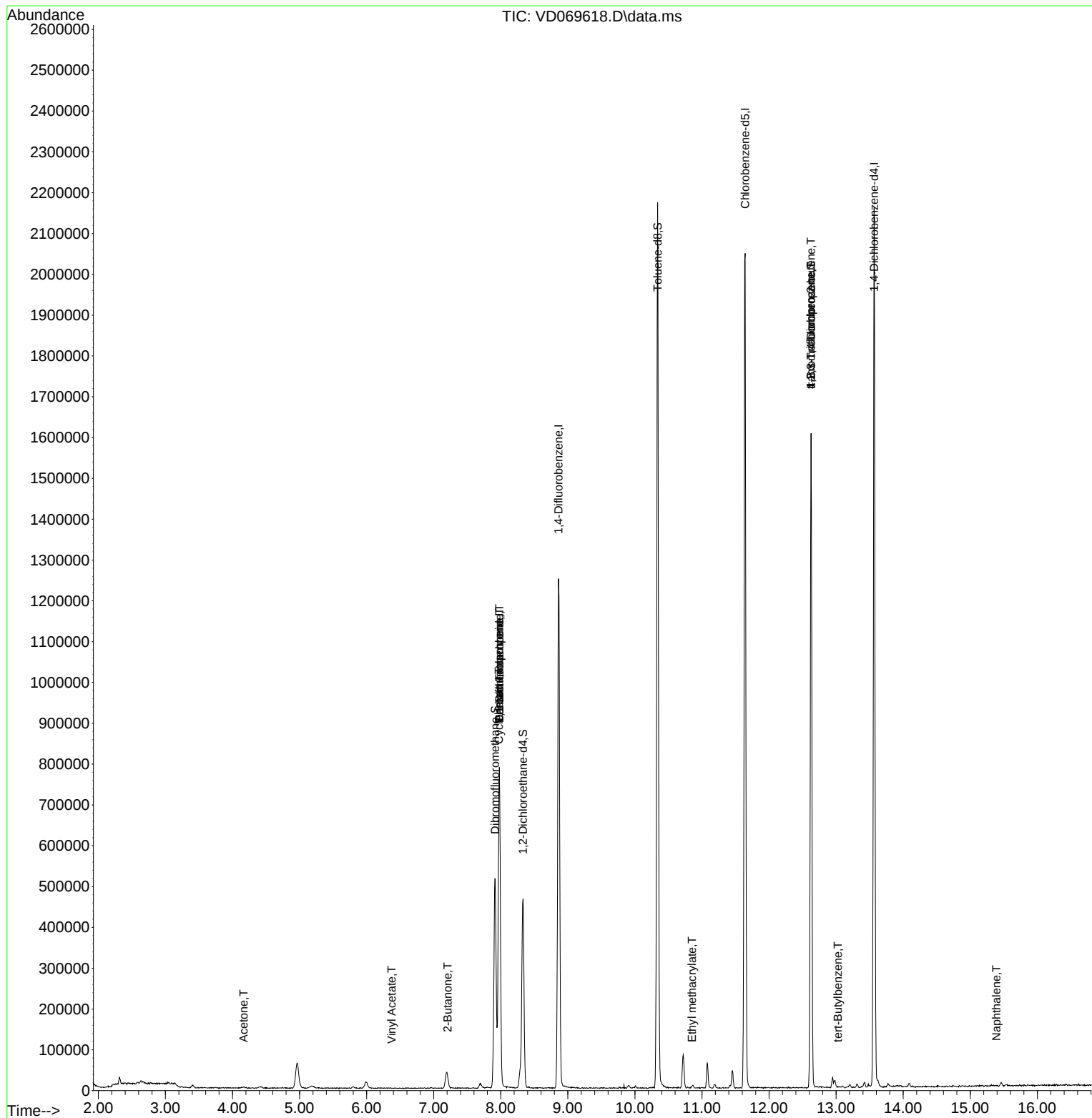
Internal Standards						
1) Pentafluorobenzene	7.979	168	551582	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1078831	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	1196142	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	537176	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	366292	53.276	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.560%			
35) Dibromofluoromethane	7.914	113	380915	52.232	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.460%			
50) Toluene-d8	10.338	98	1450880	53.040	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.080%			
62) 4-Bromofluorobenzene	12.626	95	541487	60.213	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 120.420%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.767	94	396	Below Cal	#	3
11) Tert butyl alcohol	5.173	59	6359	Below Cal	#	83
16) Acetone	4.167	43	4998	4.319	ug/l	91
18) Methyl Acetate	4.720	43	58	Below Cal	#	49
23) Vinyl Acetate	6.373	43	57	19.016	ug/l	# 70
25) 2-Butanone	7.208	43	2301	1.565	ug/l	# 44
31) Cyclohexane	7.973	56	13871	1.498	ug/l	# 15
36) 1,1-Dichloropropene	7.979	75	50793	4.797	ug/l	# 49
38) Carbon Tetrachloride	7.979	117	59822	5.709	ug/l	# 18
56) Ethyl methacrylate	10.849	69	261	2.618	ug/l	# 43
76) 1,2,3-Trichloropropane	12.626	75	266476	50.535	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.626	75	266476	126.180	ug/l	# 12
83) tert-Butylbenzene	13.026	119	62	1.994	ug/l	# 55
95) Naphthalene	15.390	128	121	3.361	ug/l	# 69

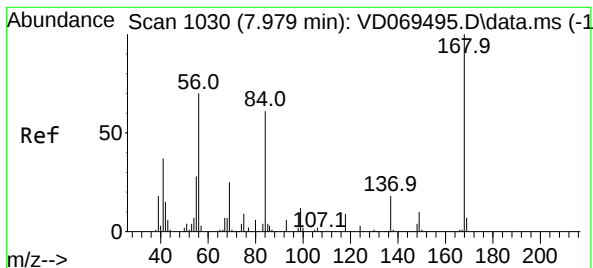
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070721\
Data File : VD069618.D
Acq On : 07 Jul 2021 19:52
Operator : VA/SY
Sample : M2963-05
Misc : 5.08G/5.00ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jul 08 01:09:43 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062121S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 22 04:33:24 2021
Response via : Initial Calibration

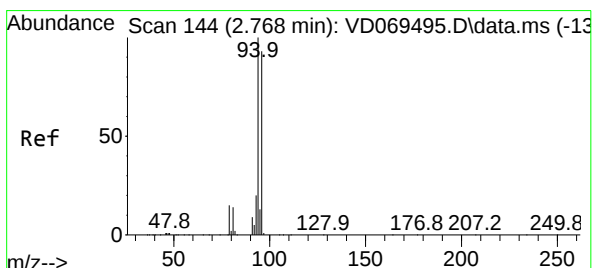
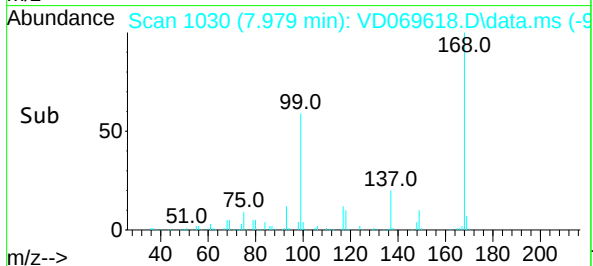
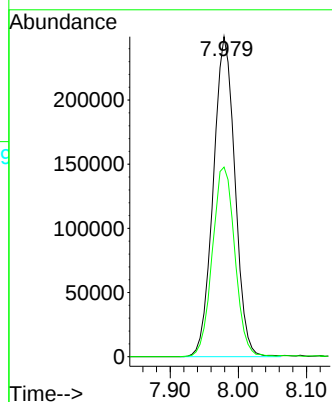
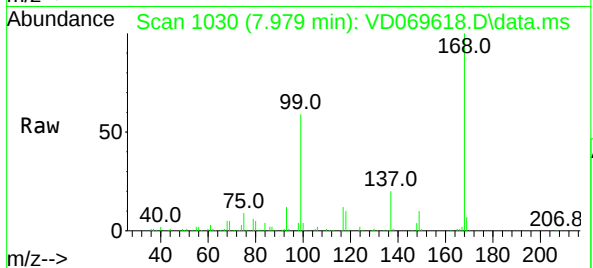




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069618.D
Acq: 07 Jul 2021 19:52

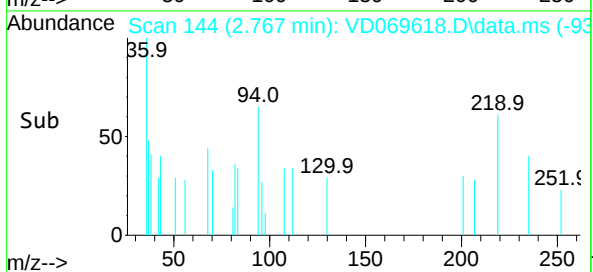
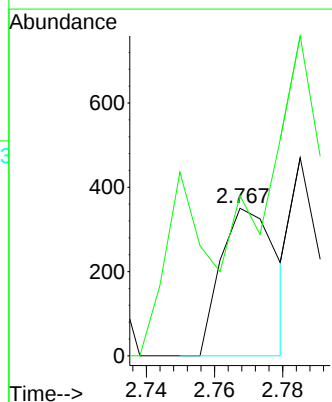
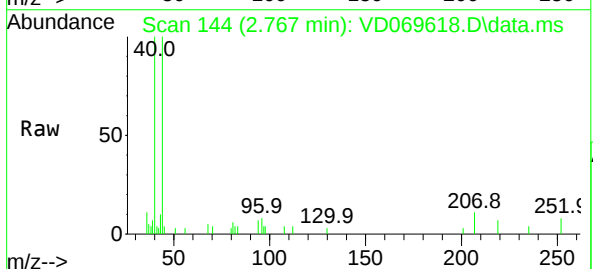
Instrument :
MSVOA_D
ClientSampleId :

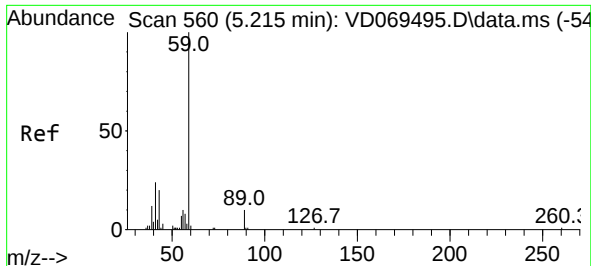
Tgt Ion:168 Resp: 551582
Ion Ratio Lower Upper
168 100
99 59.3 49.3 73.9



#5
Bromomethane
Concen: Below Cal
RT: 2.767 min Scan# 144
Delta R.T. -0.001 min
Lab File: VD069618.D
Acq: 07 Jul 2021 19:52

Tgt Ion: 94 Resp: 396
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



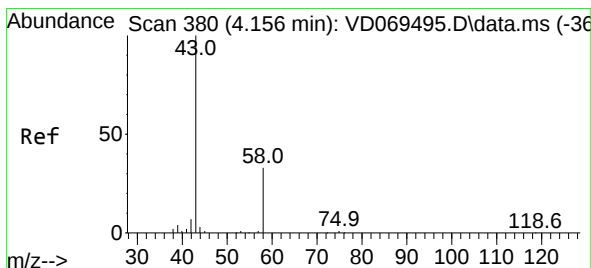
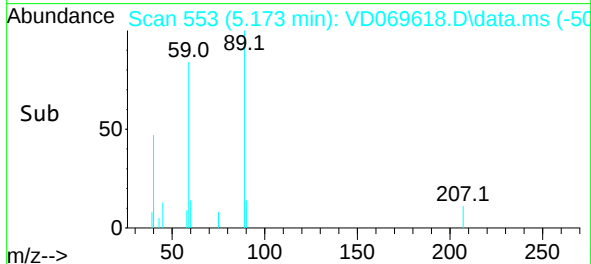
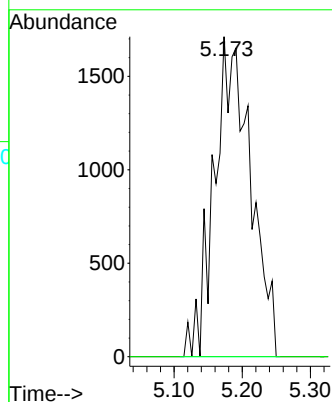
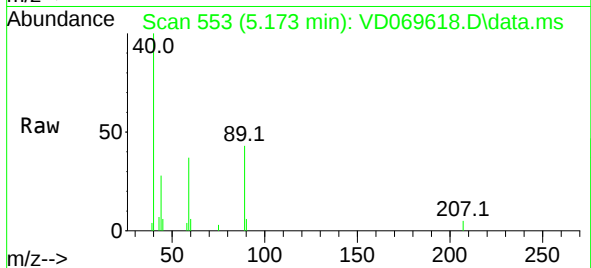


#11

Tert butyl alcohol
Concen: Below Cal
RT: 5.173 min Scan# 553
Delta R.T. -0.042 min
Lab File: VD069618.D
Acq: 07 Jul 2021 19:52

Instrument :
MSVOA_D
ClientSampleId :

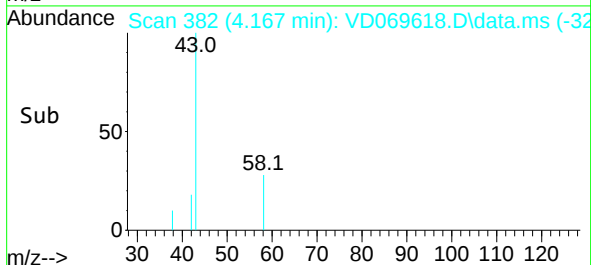
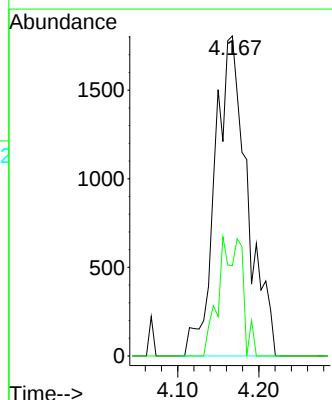
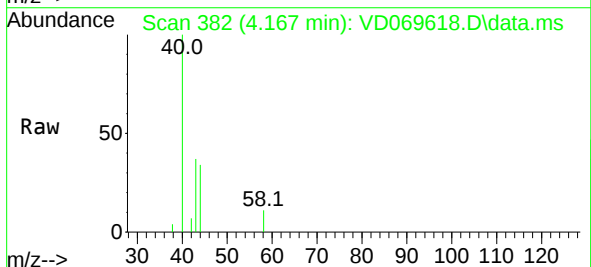
Tgt Ion: 59 Resp: 6359
Ion Ratio Lower Upper
59 100
57 0.0 4.6 7.0#

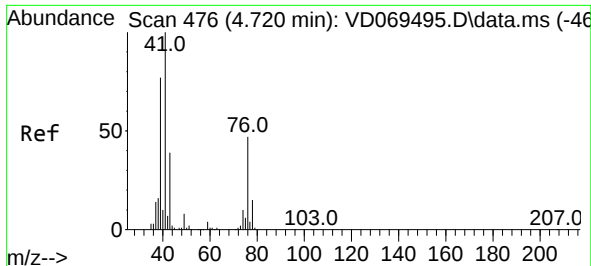


#16

Acetone
Concen: 4.319 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD069618.D
Acq: 07 Jul 2021 19:52

Tgt Ion: 43 Resp: 4998
Ion Ratio Lower Upper
43 100
58 28.2 26.8 40.2

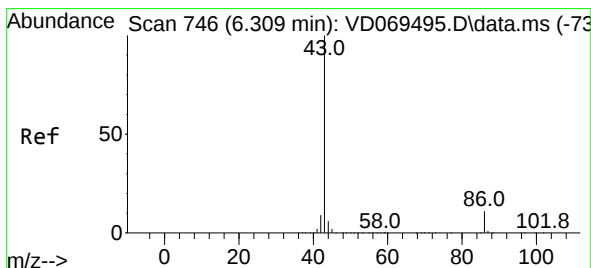
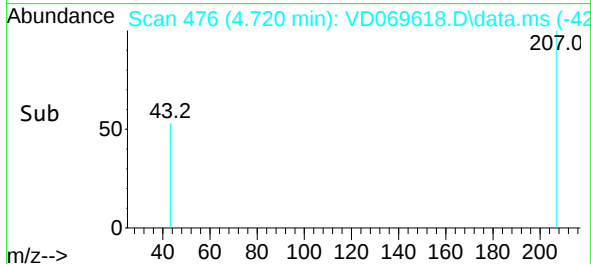
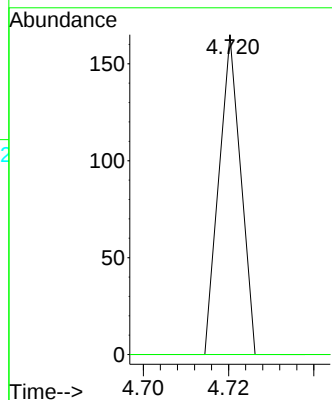
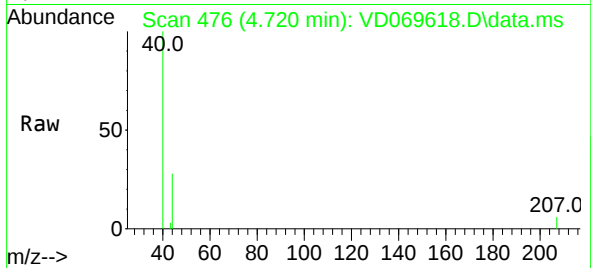




#18
Methyl Acetate
Concen: Below Cal
RT: 4.720 min Scan# 476
Delta R.T. 0.000 min
Lab File: VD069618.D
Acq: 07 Jul 2021 19:52

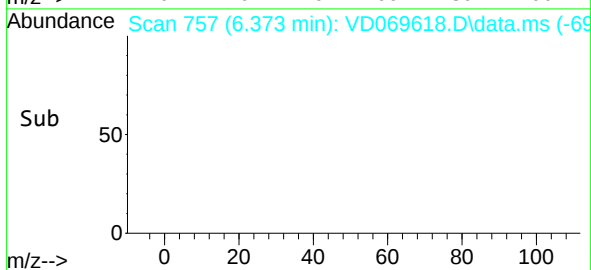
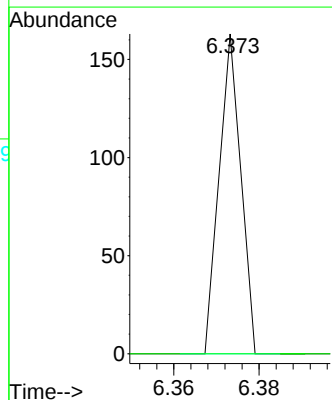
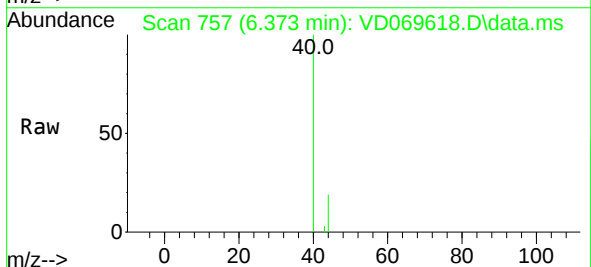
Instrument :
MSVOA_D
ClientSampled :

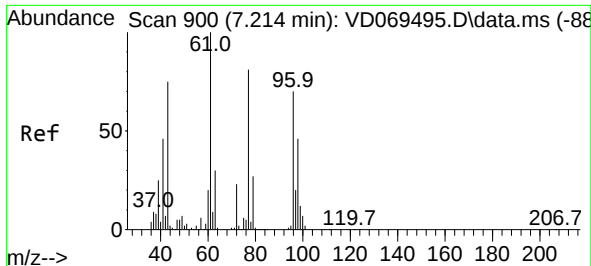
Tgt Ion: 43 Resp: 58
Ion Ratio Lower Upper
43 100
74 0.0 21.0 31.4#



#23
Vinyl Acetate
Concen: 19.016 ug/l
RT: 6.373 min Scan# 757
Delta R.T. 0.064 min
Lab File: VD069618.D
Acq: 07 Jul 2021 19:52

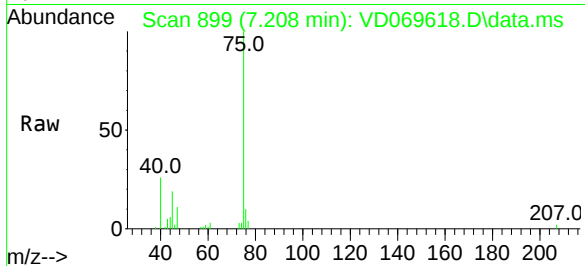
Tgt Ion: 43 Resp: 57
Ion Ratio Lower Upper
43 100
86 0.0 9.1 13.7#



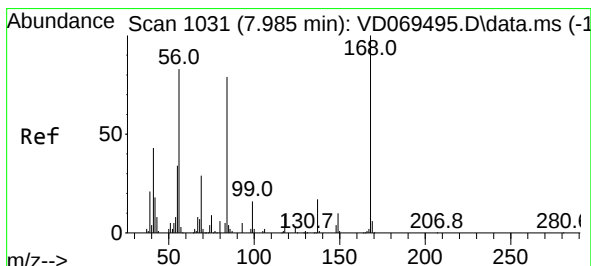
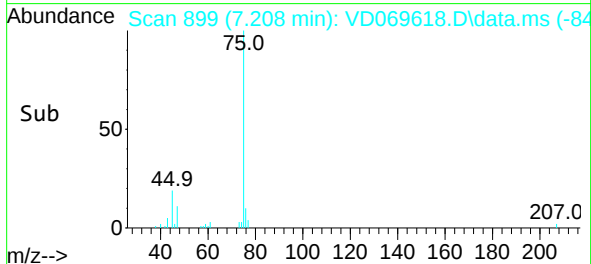
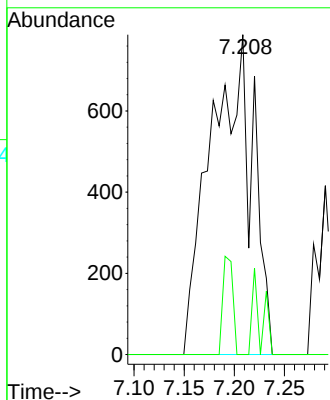


#25
2-Butanone
Concen: 1.565 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD069618.D
Acq: 07 Jul 2021 19:52

Instrument :
MSVOA_D
ClientSampled :

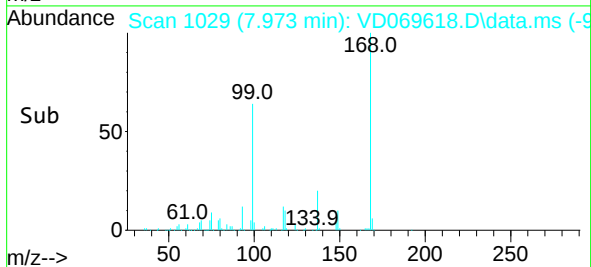
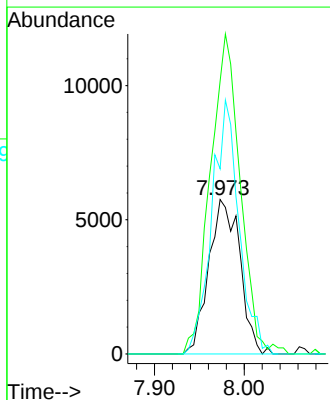
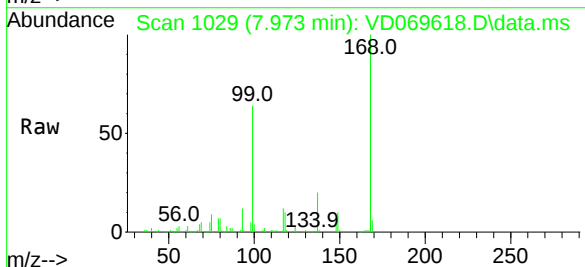


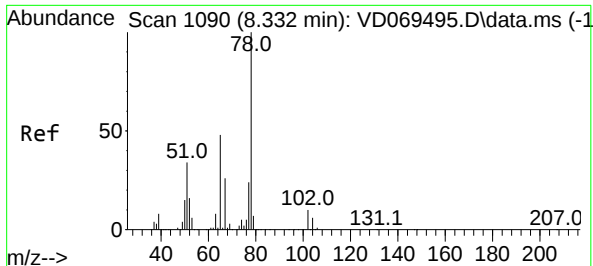
Tgt Ion: 43 Resp: 2301
Ion Ratio Lower Upper
43 100
72 0.0 24.3 36.5#



#31
Cyclohexane
Concen: 1.498 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD069618.D
Acq: 07 Jul 2021 19:52

Tgt Ion: 56 Resp: 13871
Ion Ratio Lower Upper
56 100
69 176.7 28.0 42.0#
84 119.9 75.7 113.5#

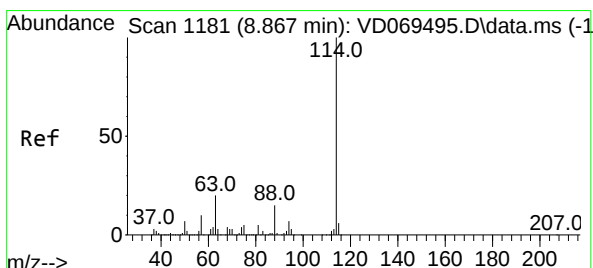
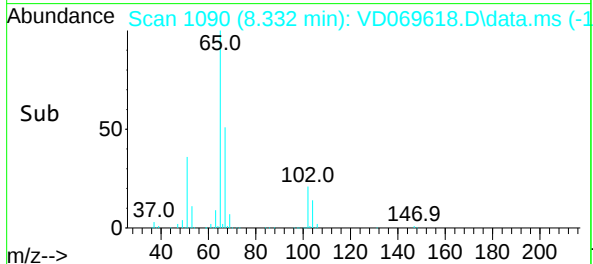
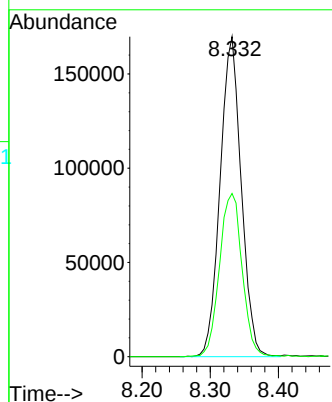
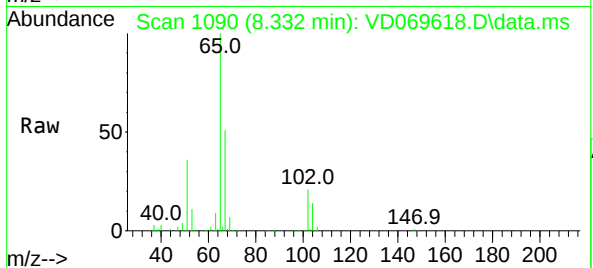




#33
1,2-Dichloroethane-d4
Concen: 53.276 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069618.D
Acq: 07 Jul 2021 19:52

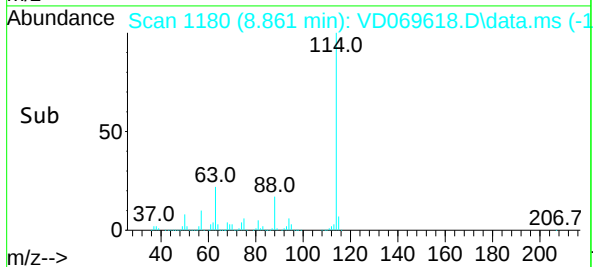
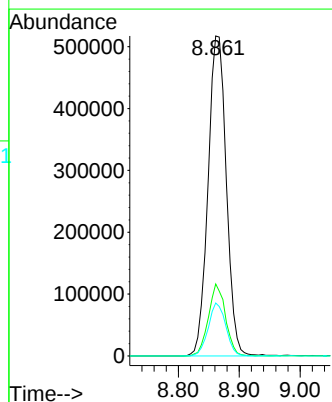
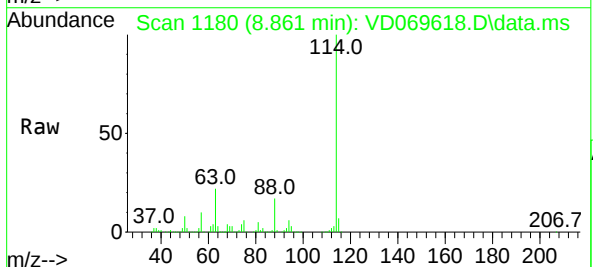
Instrument :
MSVOA_D
ClientSampleId :

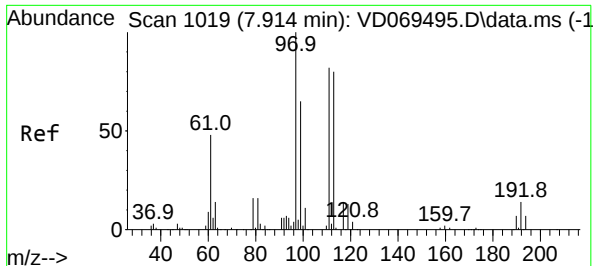
Tgt Ion: 65 Resp: 366292
Ion Ratio Lower Upper
65 100
67 54.7 0.0 105.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069618.D
Acq: 07 Jul 2021 19:52

Tgt Ion: 114 Resp: 1078831
Ion Ratio Lower Upper
114 100
63 22.5 0.0 39.6
88 16.5 0.0 29.8





#35

Dibromofluoromethane

Concen: 52.232 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD069618.D

Acq: 07 Jul 2021 19:52

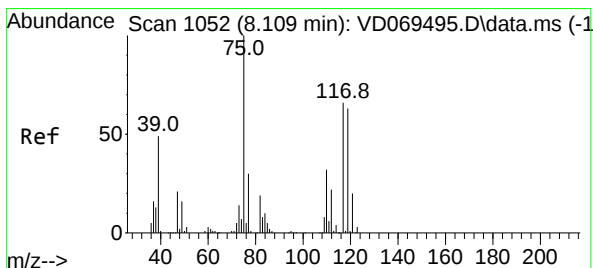
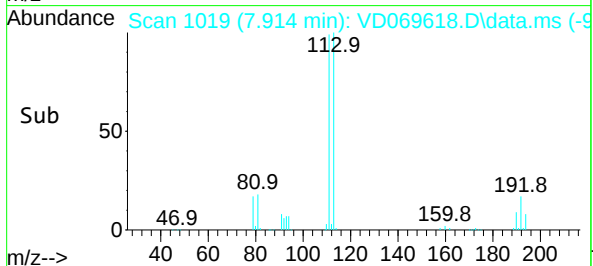
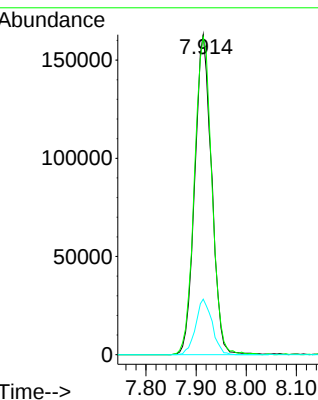
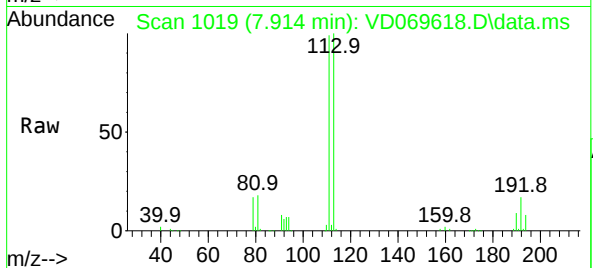
Tgt Ion:113 Resp: 380915

Ion Ratio Lower Upper

113 100

111 102.8 81.8 122.8

192 16.9 13.8 20.6



#36

1,1-Dichloropropene

Concen: 4.797 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.130 min

Lab File: VD069618.D

Acq: 07 Jul 2021 19:52

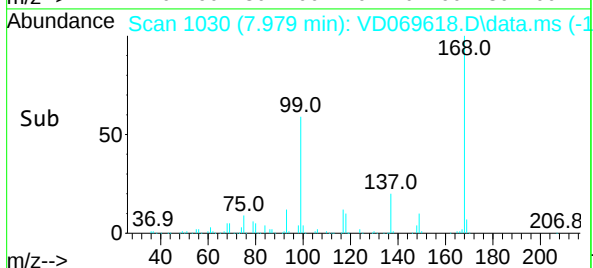
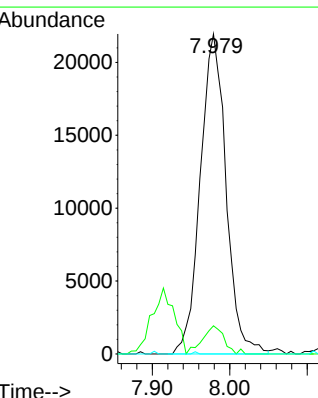
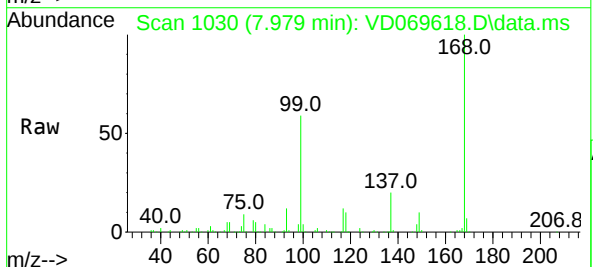
Tgt Ion: 75 Resp: 50793

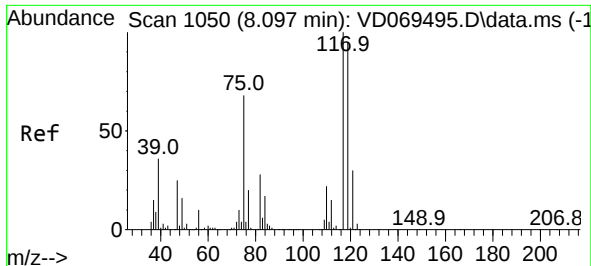
Ion Ratio Lower Upper

75 100

110 6.8 16.8 50.4#

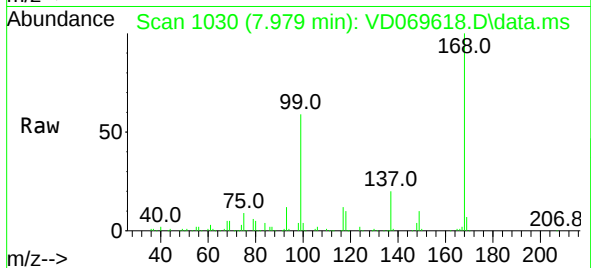
77 0.0 24.3 36.5#



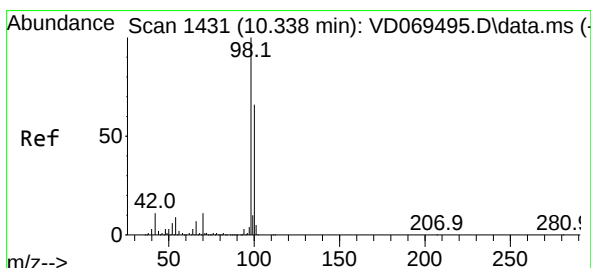
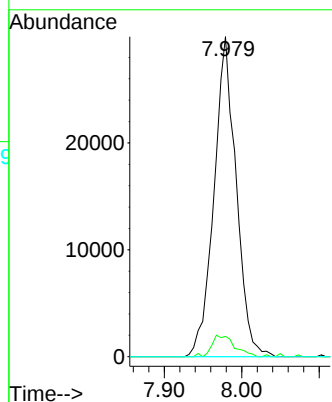
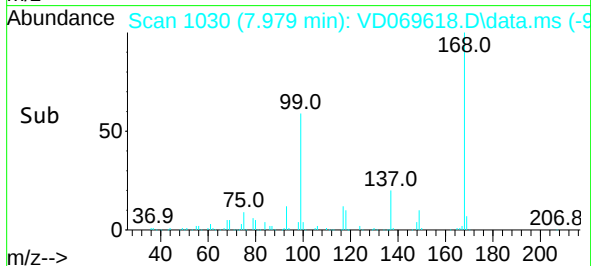


#38
Carbon Tetrachloride
Concen: 5.709 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD069618.D
Acq: 07 Jul 2021 19:52

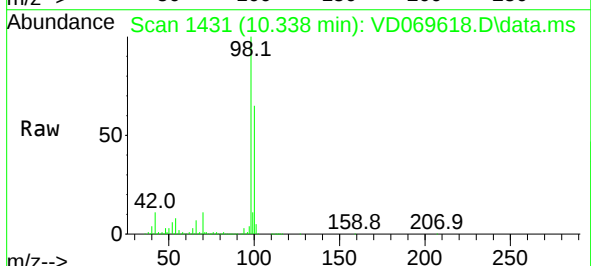
Instrument :
MSVOA_D
ClientSampleId :



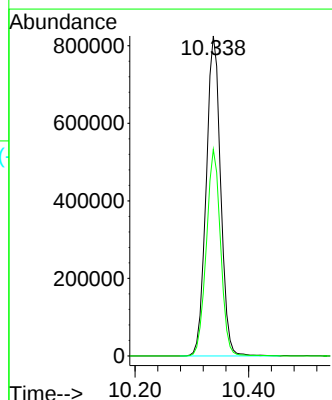
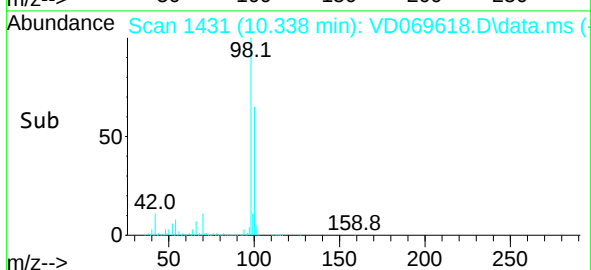
Tgt Ion:117 Resp: 59822
Ion Ratio Lower Upper
117 100
119 6.3 75.6 113.4#
121 0.0 23.8 35.8#

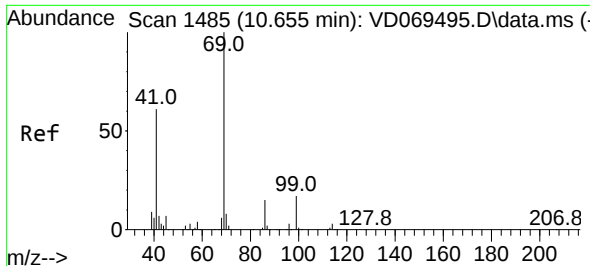


#50
Toluene-d8
Concen: 53.040 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069618.D
Acq: 07 Jul 2021 19:52



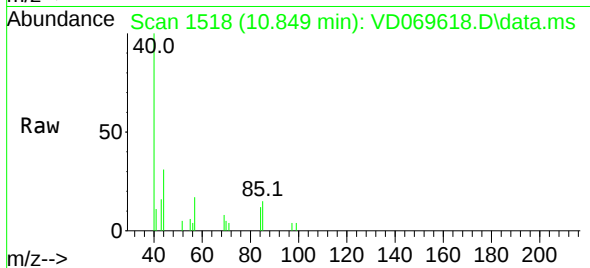
Tgt Ion: 98 Resp: 1450880
Ion Ratio Lower Upper
98 100
100 63.6 52.3 78.5



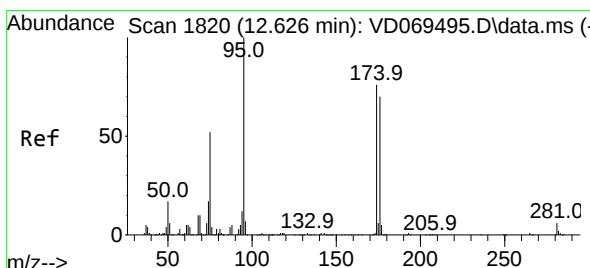
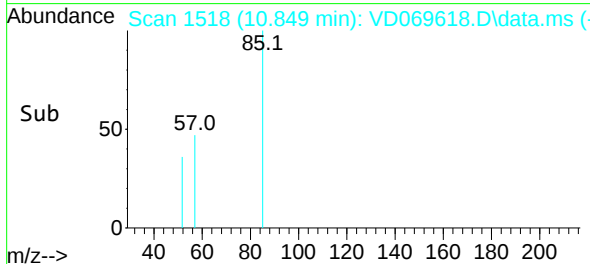
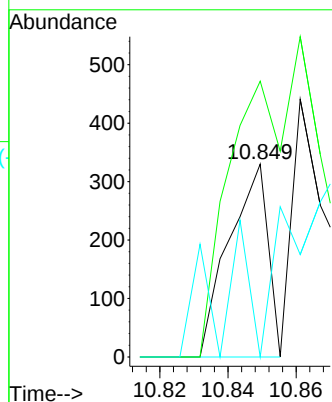


#56
Ethyl methacrylate
Concen: 2.618 ug/l
RT: 10.849 min Scan# 1518
Delta R.T. 0.194 min
Lab File: VD069618.D
Acq: 07 Jul 2021 19:52

Instrument :
MSVOA_D
ClientSampled :

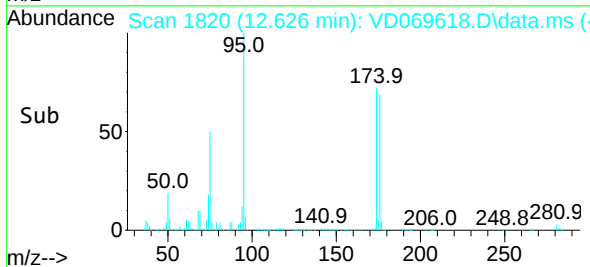
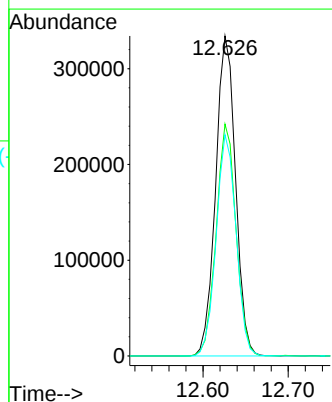
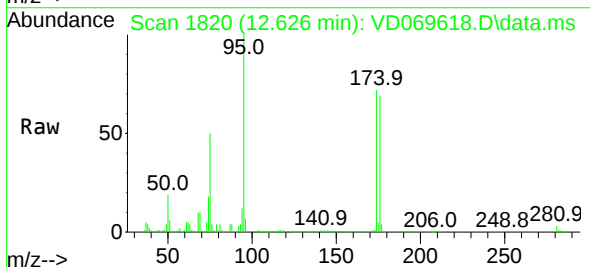


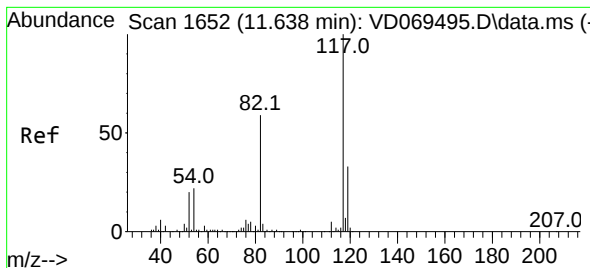
Tgt Ion: 69 Resp: 261
Ion Ratio Lower Upper
69 100
41 0.0 49.4 74.0#
39 26.1 26.9 40.3#



#62
4-Bromofluorobenzene
Concen: 60.213 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069618.D
Acq: 07 Jul 2021 19:52

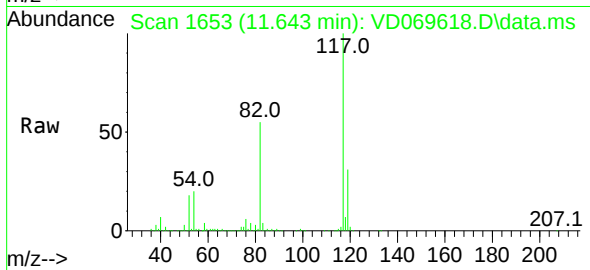
Tgt Ion: 95 Resp: 541487
Ion Ratio Lower Upper
95 100
174 72.3 0.0 148.0
176 69.0 0.0 139.8



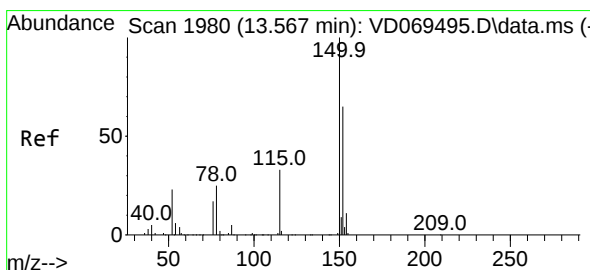
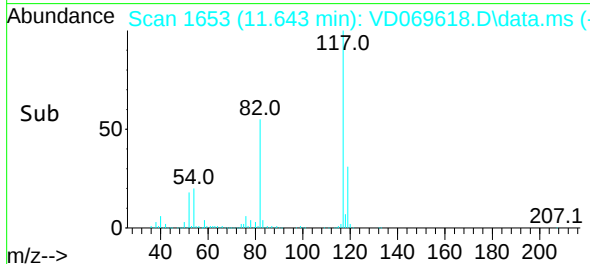
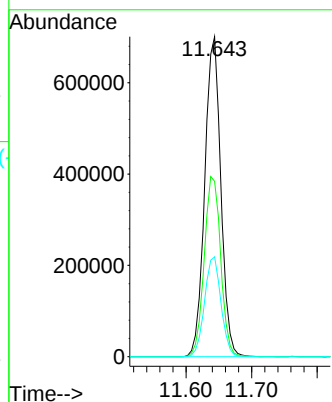


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.006 min
Lab File: VD069618.D
Acq: 07 Jul 2021 19:52

Instrument :
MSVOA_D
ClientSampleId :

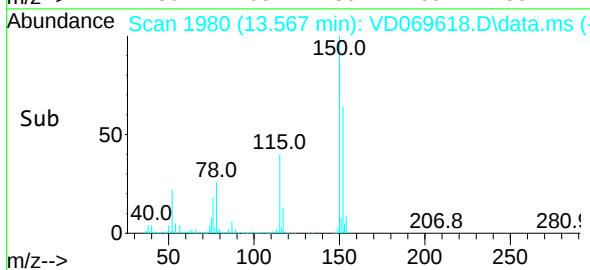
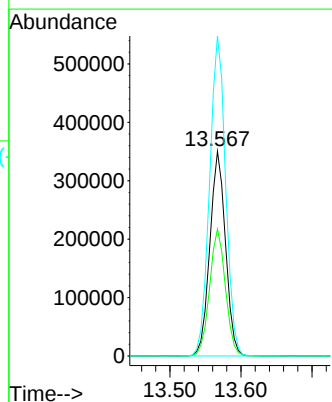
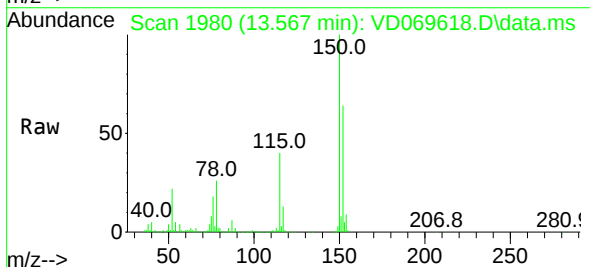


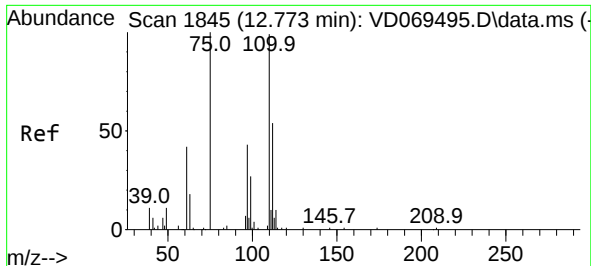
Tgt Ion:117 Resp: 1196142
Ion Ratio Lower Upper
117 100
82 54.8 46.8 70.2
119 31.2 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069618.D
Acq: 07 Jul 2021 19:52

Tgt Ion:152 Resp: 537176
Ion Ratio Lower Upper
152 100
115 62.5 31.7 95.1
150 159.6 0.0 350.8

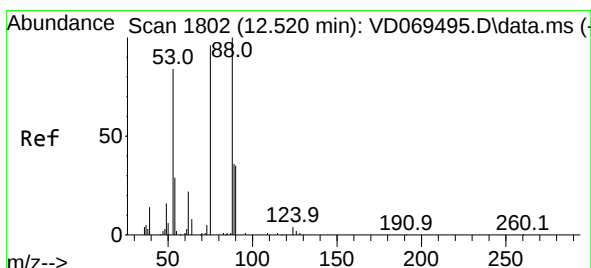
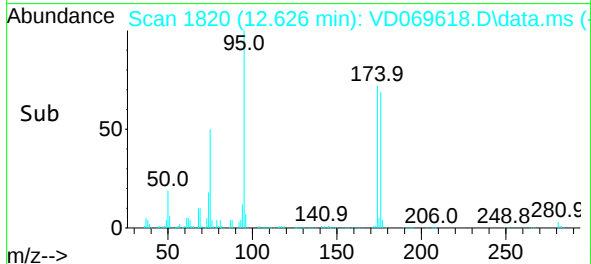
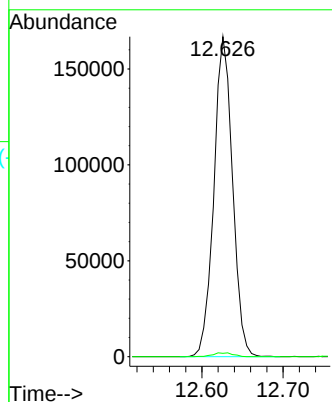
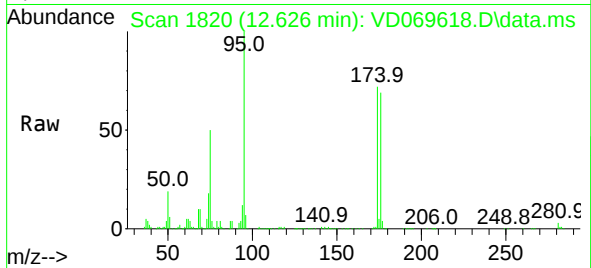




#76
1,2,3-Trichloropropane
Concen: 50.535 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD069618.D
Acq: 07 Jul 2021 19:52

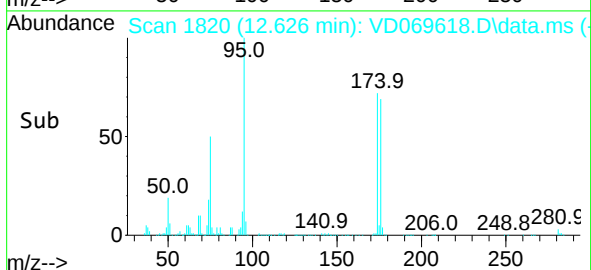
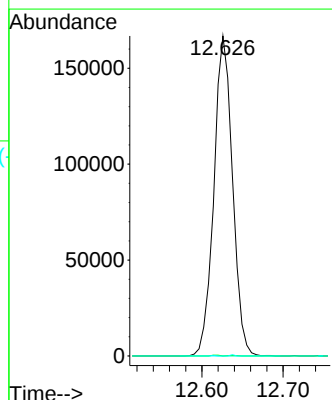
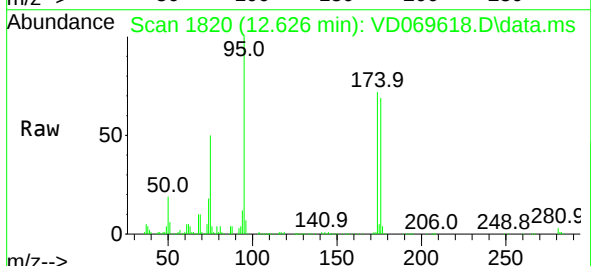
Instrument :
MSVOA_D
ClientSampleId :

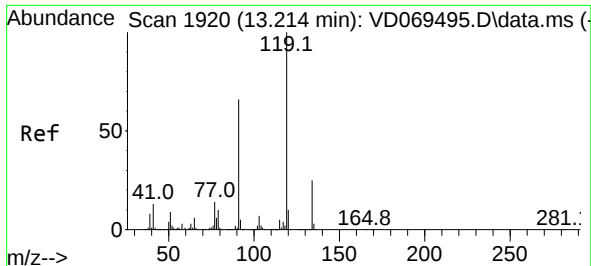
Tgt Ion: 75 Resp: 266476
Ion Ratio Lower Upper
75 100
77 1.3 162.6 487.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 126.180 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD069618.D
Acq: 07 Jul 2021 19:52

Tgt Ion: 75 Resp: 266476
Ion Ratio Lower Upper
75 100
53 0.1 74.6 112.0#
89 0.0 35.3 52.9#

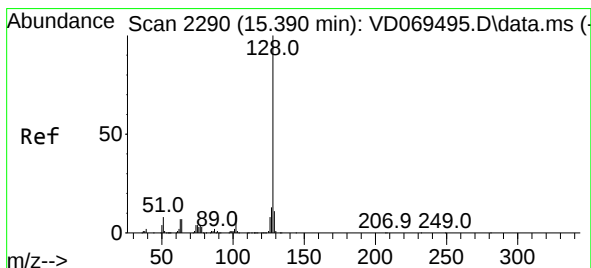
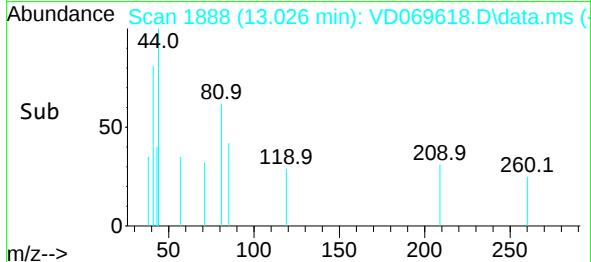
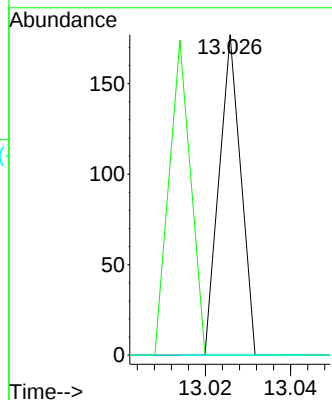
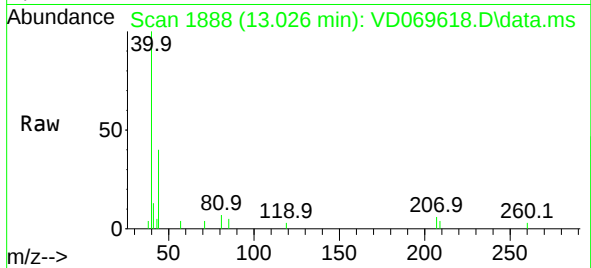




#83
tert-Butylbenzene
Concen: 1.994 ug/l
RT: 13.026 min Scan# 1888
Delta R.T. -0.188 min
Lab File: VD069618.D
Acq: 07 Jul 2021 19:52

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion:119 Resp: 62
Ion Ratio Lower Upper
119 100
91 98.4 32.5 97.4#
134 0.0 12.9 38.7#



#95
Naphthalene
Concen: 3.361 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. 0.000 min
Lab File: VD069618.D
Acq: 07 Jul 2021 19:52

Tgt Ion:128 Resp: 121
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.7 13.1#

