

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050721\
 Data File : VD069096.D
 Acq On : 07 May 2021 11:45
 Operator : VA/SY
 Sample : VD0507SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0507SBL01

Quant Time: May 08 00:05:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050421S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 05 04:16:41 2021
 Response via : Initial Calibration

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

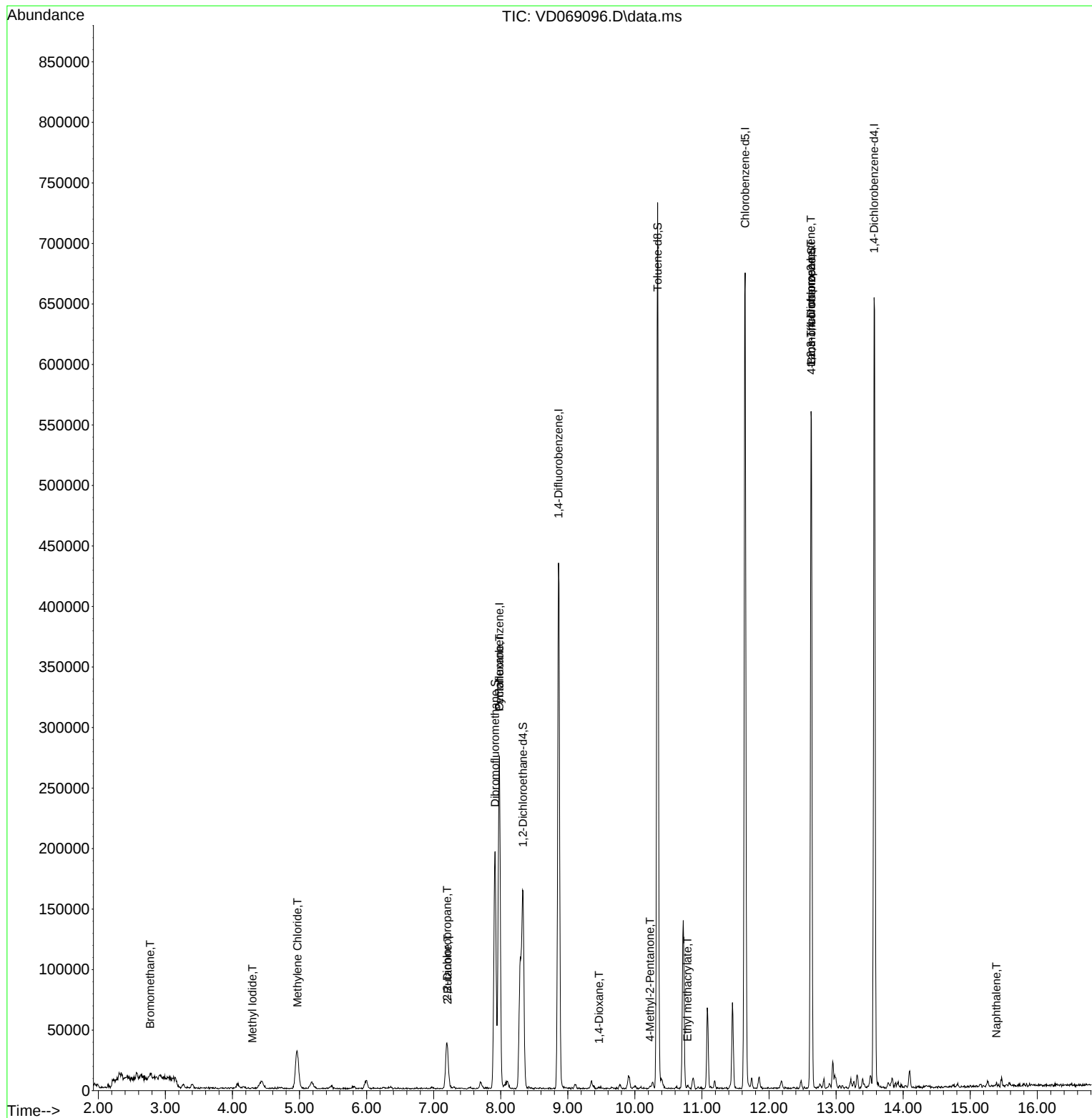
Internal Standards						
1) Pentafluorobenzene	7.979	168	200473	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	382609	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	405598	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	178726	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	127201	49.23	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 98.46%			
35) Dibromofluoromethane	7.914	113	137326	52.34	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.68%			
50) Toluene-d8	10.338	98	488749	50.46	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.92%			
62) 4-Bromofluorobenzene	12.632	95	159825	50.16	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.32%			
Target Compounds					Qvalue	
5) Bromomethane	2.773	94	2440	1.03	ug/l	99
10) Methyl Iodide	4.297	142	451	3.37	ug/l #	86
11) Tert butyl alcohol	5.185	59	5115	Below Cal	#	81
16) Acetone	4.167	43	2657	Below Cal	#	44
20) Methylene Chloride	4.967	84	27552	4.75	ug/l	89
25) 2-Butanone	7.208	43	1121	2.03	ug/l	92
26) 2,2-Dichloropropane	7.203	77	5012	1.26	ug/l #	71
31) Cyclohexane	7.979	56	5730	1.53	ug/l #	35
49) 1,4-Dioxane	9.467	88	115	6.31	ug/l #	24
51) 4-Methyl-2-Pentanone	10.226	43	1577	1.08	ug/l	95
56) Ethyl methacrylate	10.785	69	122	2.42	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	81772	52.56	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	81772	114.36	ug/l #	9
95) Naphthalene	15.390	128	2182	3.17	ug/l #	88

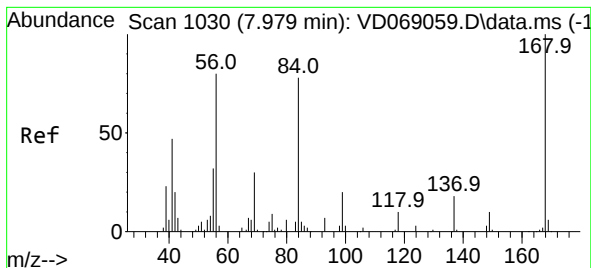
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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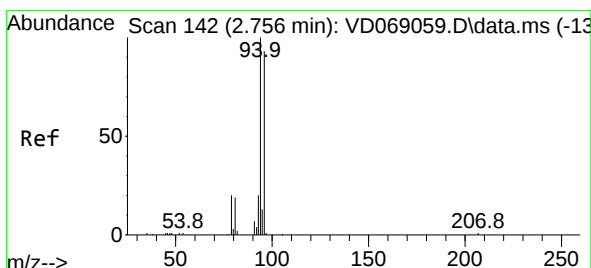
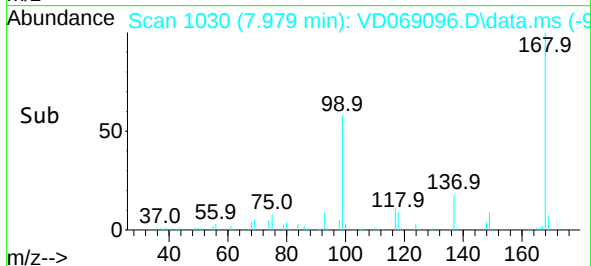
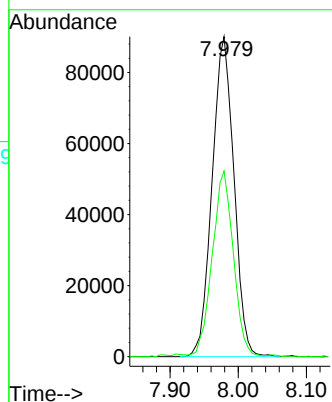
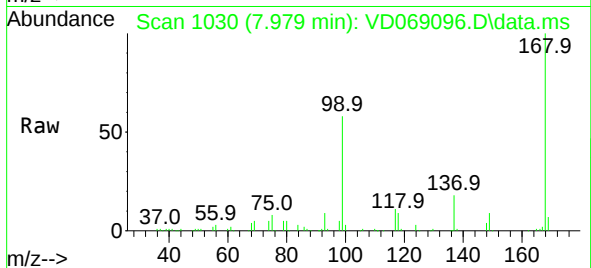




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069096.D
Acq: 07 May 2021 11:45

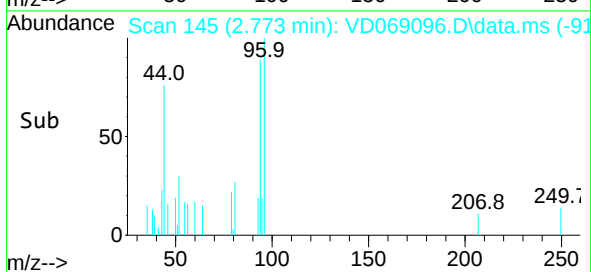
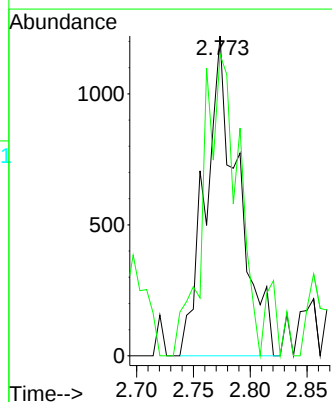
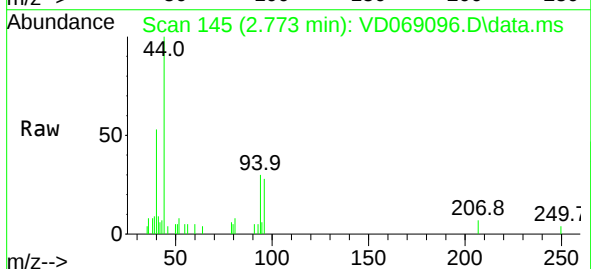
Instrument :
MSVOA_D
ClientSampleId :
VD0507SBL01

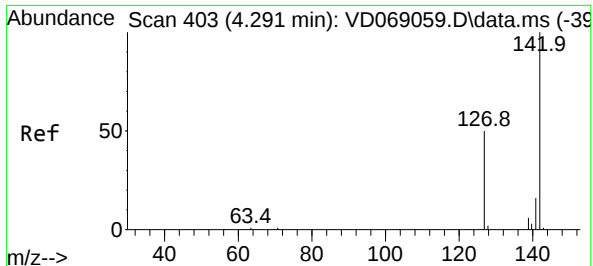
Tgt Ion:168 Resp: 200473
Ion Ratio Lower Upper
168 100
99 57.8 52.6 78.8



#5
Bromomethane
Concen: 1.03 ug/l
RT: 2.773 min Scan# 145
Delta R.T. 0.018 min
Lab File: VD069096.D
Acq: 07 May 2021 11:45

Tgt Ion: 94 Resp: 2440
Ion Ratio Lower Upper
94 100
96 94.3 74.3 111.5

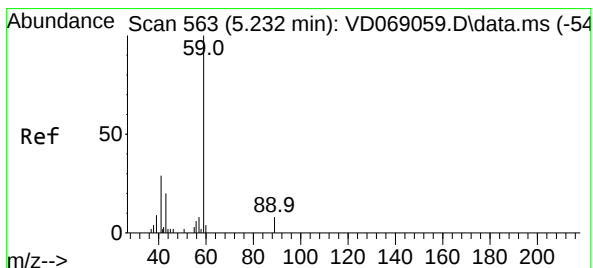
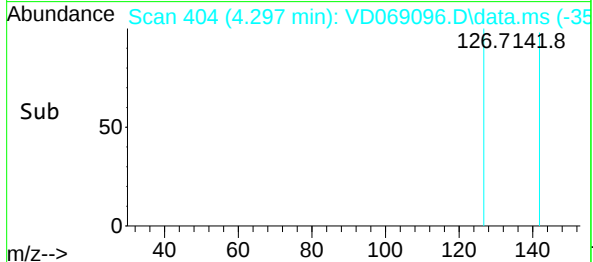
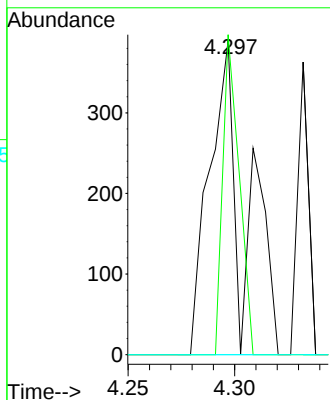
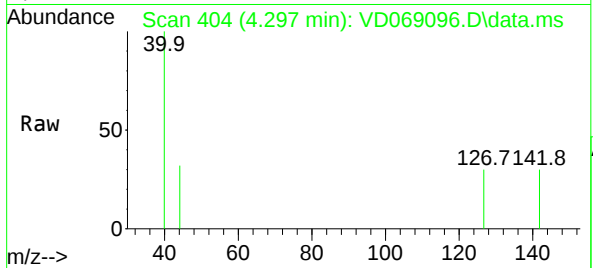




#10
Methyl Iodide
Concen: 3.37 ug/l
RT: 4.297 min Scan# 404
Delta R.T. 0.006 min
Lab File: VD069096.D
Acq: 07 May 2021 11:45

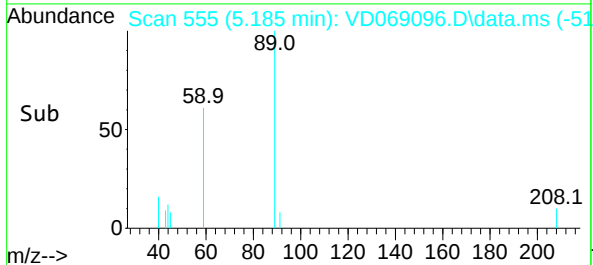
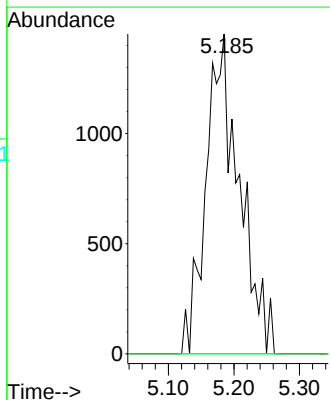
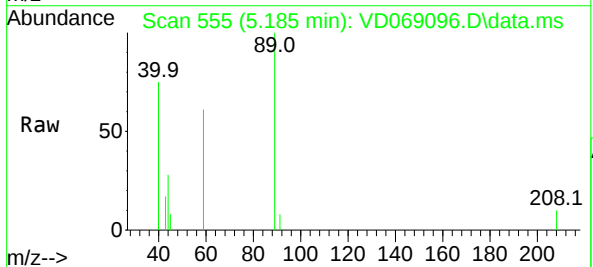
Instrument :
MSVOA_D
ClientSampleId :
VD0507SBL01

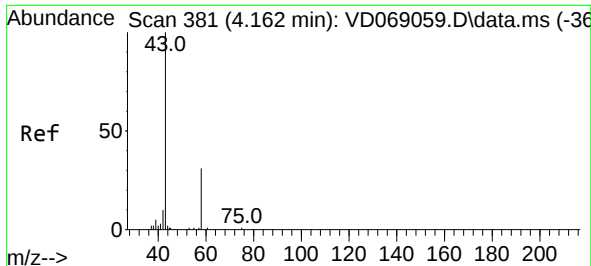
Tgt Ion:142 Resp: 451
Ion Ratio Lower Upper
142 100
127 47.0 41.6 62.4
141 0.0 12.2 18.4#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.185 min Scan# 555
Delta R.T. -0.047 min
Lab File: VD069096.D
Acq: 07 May 2021 11:45

Tgt Ion: 59 Resp: 5115
Ion Ratio Lower Upper
59 100
57 0.0 5.3 7.9#

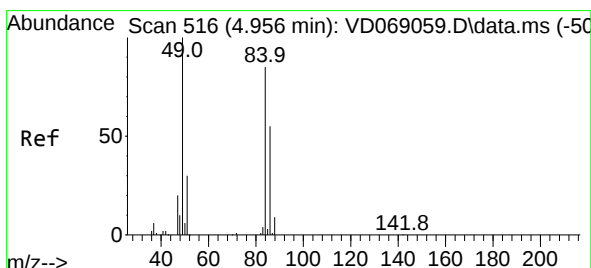
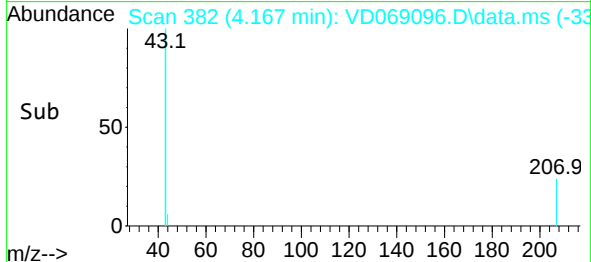
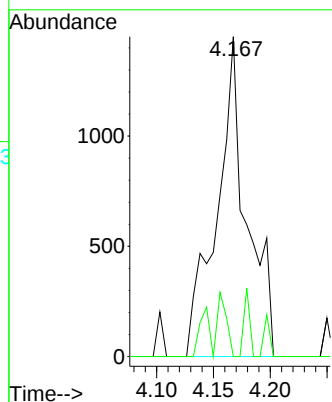
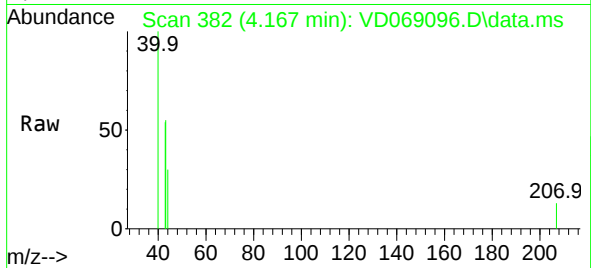




#16
Acetone
Concen: Below Cal
RT: 4.167 min Scan# 382
Delta R.T. 0.005 min
Lab File: VD069096.D
Acq: 07 May 2021 11:45

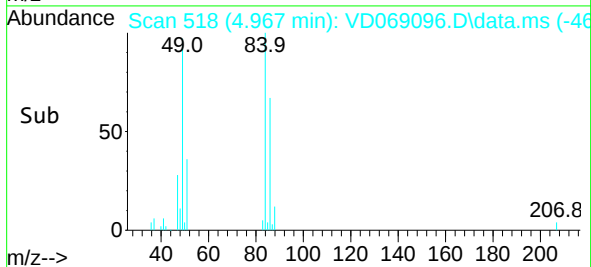
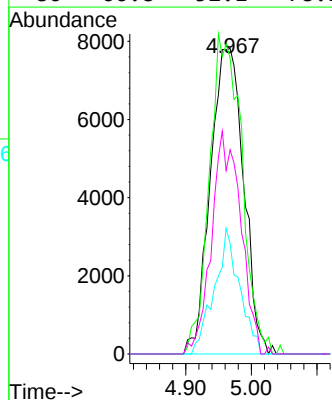
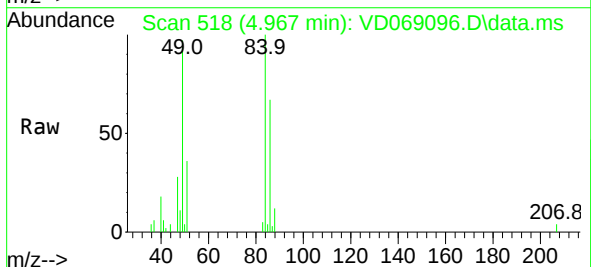
Instrument :
MSVOA_D
ClientSampleId :
VD0507SBL01

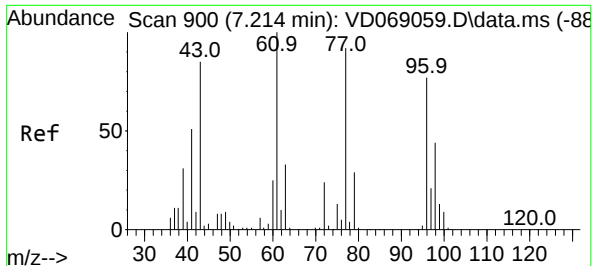
Tgt Ion: 43 Resp: 2657
Ion Ratio Lower Upper
43 100
58 0.0 24.5 36.7#



#20
Methylene Chloride
Concen: 4.75 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.011 min
Lab File: VD069096.D
Acq: 07 May 2021 11:45

Tgt Ion: 84 Resp: 27552
Ion Ratio Lower Upper
84 100
49 96.9 93.9 140.9
51 36.2 27.9 41.9
86 66.8 52.1 78.1





#25

2-Butanone

Concen: 2.03 ug/l

RT: 7.208 min Scan# 899

Delta R.T. -0.006 min

Lab File: VD069096.D

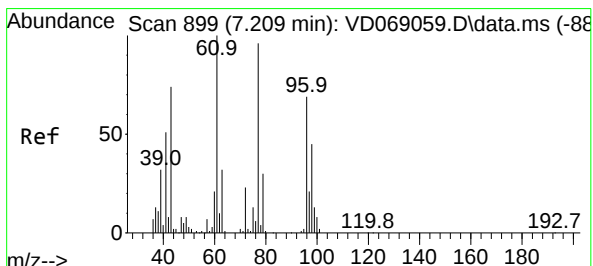
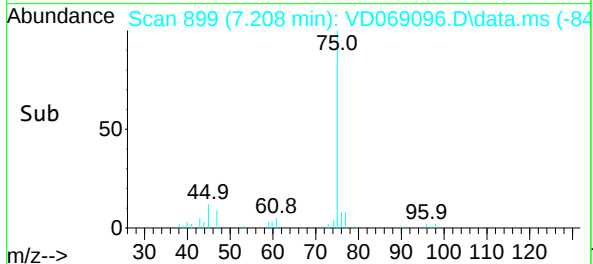
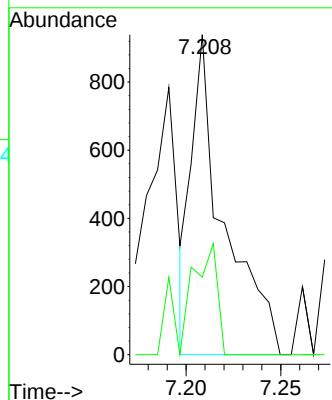
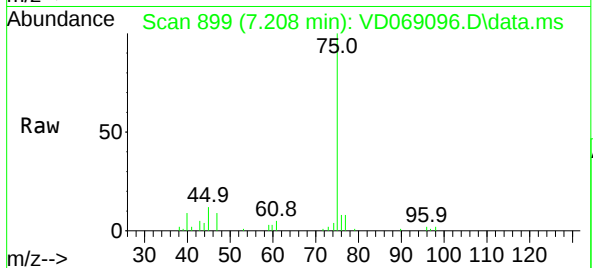
Acq: 07 May 2021 11:45

Tgt Ion: 43 Resp: 1121

Ion Ratio Lower Upper

43 100

72 24.3 23.0 34.4



#26

2,2-Dichloropropane

Concen: 1.26 ug/l

RT: 7.203 min Scan# 898

Delta R.T. -0.006 min

Lab File: VD069096.D

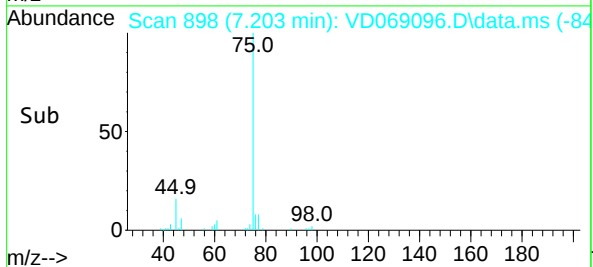
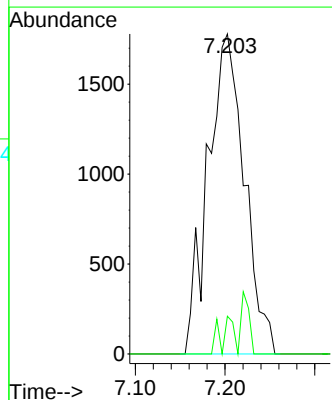
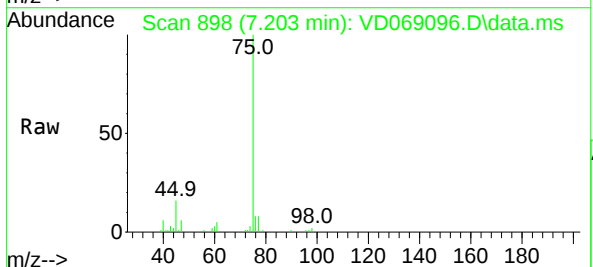
Acq: 07 May 2021 11:45

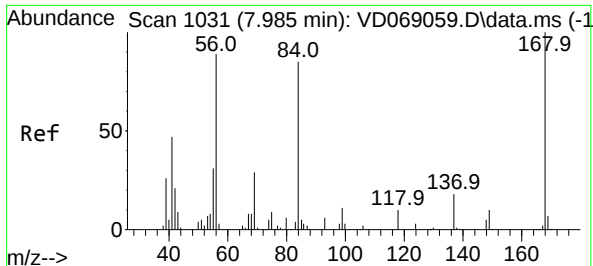
Tgt Ion: 77 Resp: 5012

Ion Ratio Lower Upper

77 100

97 8.3 11.1 33.1#

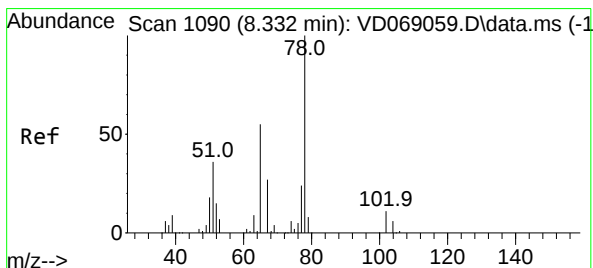
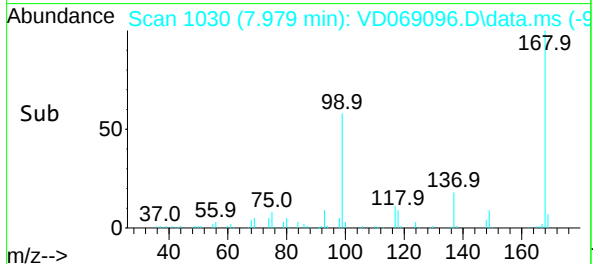
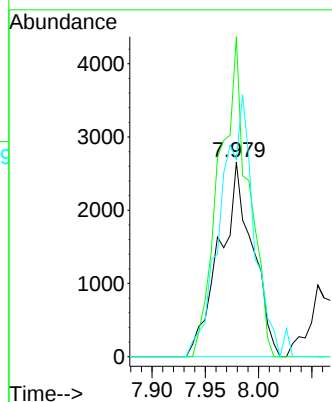
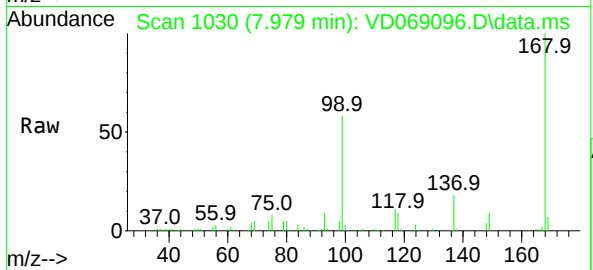




#31
Cyclohexane
Concen: 1.53 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069096.D
Acq: 07 May 2021 11:45

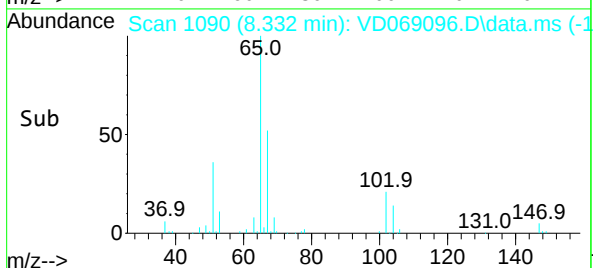
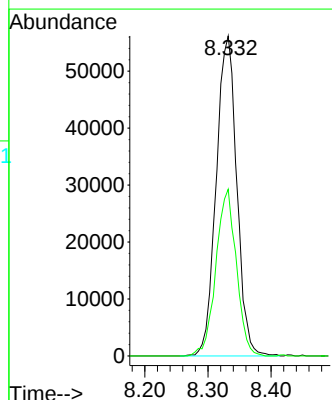
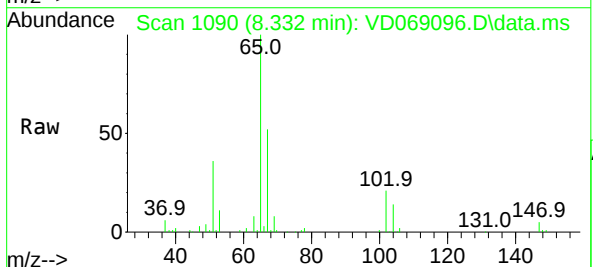
Instrument :
MSVOA_D
ClientSampleId :
VD0507SBL01

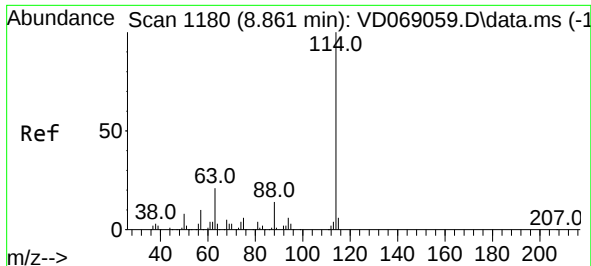
Tgt Ion: 56 Resp: 5730
Ion Ratio Lower Upper
56 100
69 164.5 26.3 39.5#
84 101.4 75.9 113.9



#33
1,2-Dichloroethane-d4
Concen: 49.23 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069096.D
Acq: 07 May 2021 11:45

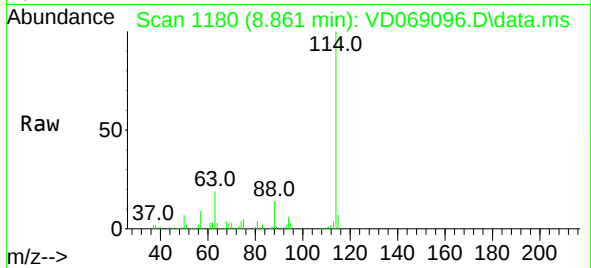
Tgt Ion: 65 Resp: 127201
Ion Ratio Lower Upper
65 100
67 51.7 0.0 103.4



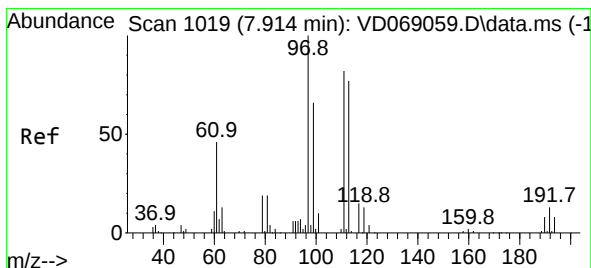
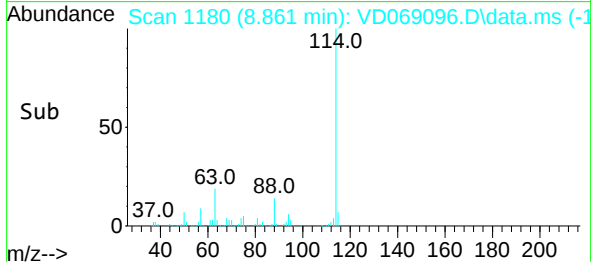
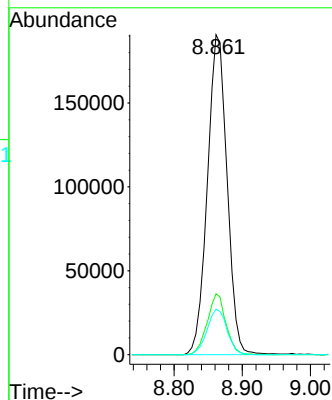


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069096.D
Acq: 07 May 2021 11:45

Instrument :
MSVOA_D
ClientSampleId :
VD0507SBL01

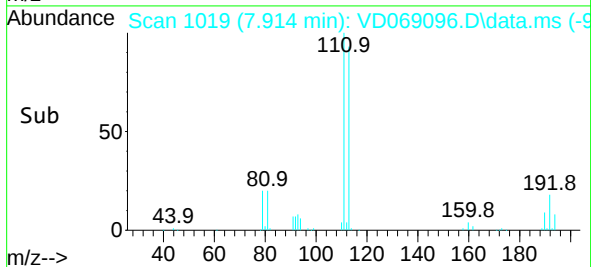
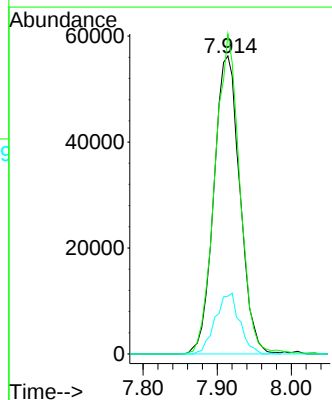
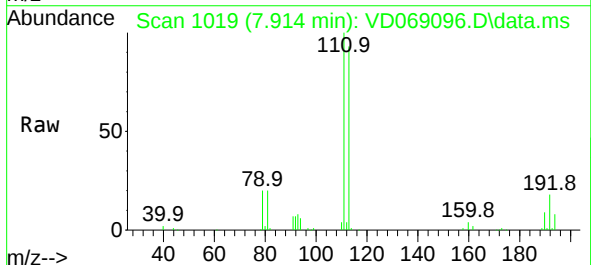


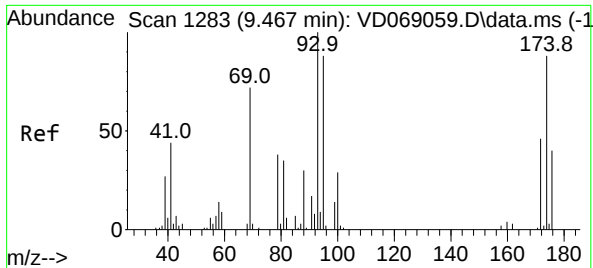
Tgt Ion:114 Resp: 382609
Ion Ratio Lower Upper
114 100
63 19.1 0.0 41.4
88 14.2 0.0 27.8



#35
Dibromofluoromethane
Concen: 52.34 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069096.D
Acq: 07 May 2021 11:45

Tgt Ion:113 Resp: 137326
Ion Ratio Lower Upper
113 100
111 102.9 84.6 126.8
192 19.0 13.5 20.3

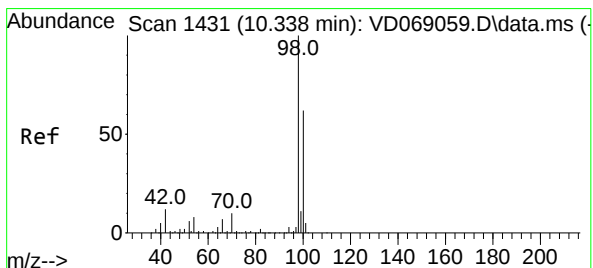
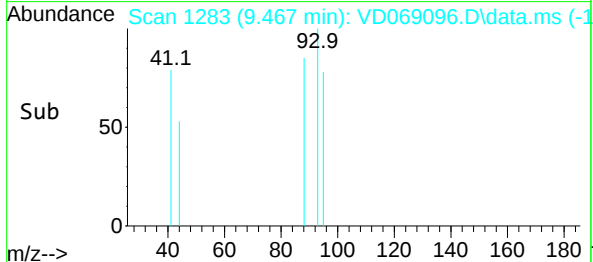
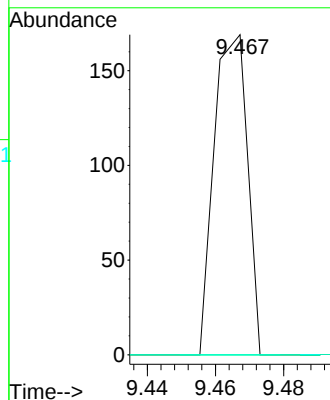
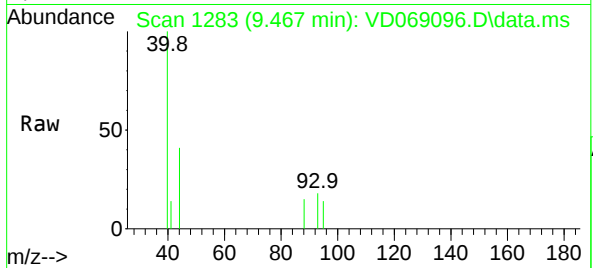




#49
1,4-Dioxane
Concen: 6.31 ug/l
RT: 9.467 min Scan# 1283
Delta R.T. -0.000 min
Lab File: VD069096.D
Acq: 07 May 2021 11:45

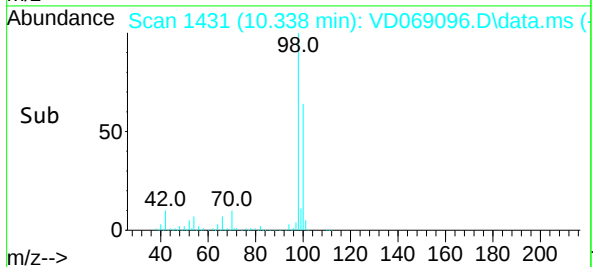
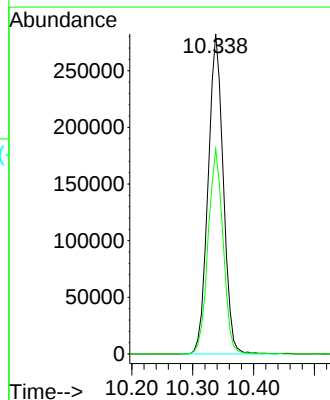
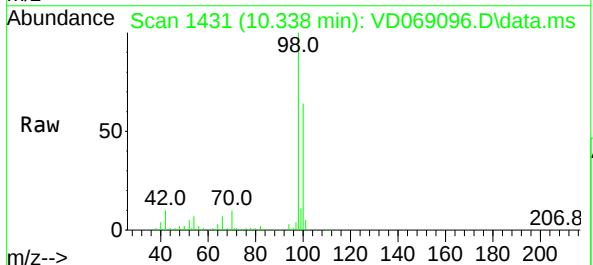
Instrument :
MSVOA_D
ClientSampleId :
VD0507SBL01

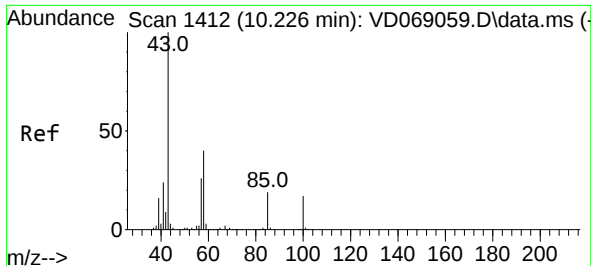
Tgt Ion: 88 Resp: 115
Ion Ratio Lower Upper
88 100
43 0.0 32.0 48.0#
58 0.0 52.4 78.6#



#50
Toluene-d8
Concen: 50.46 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069096.D
Acq: 07 May 2021 11:45

Tgt Ion: 98 Resp: 488749
Ion Ratio Lower Upper
98 100
100 63.3 51.6 77.4

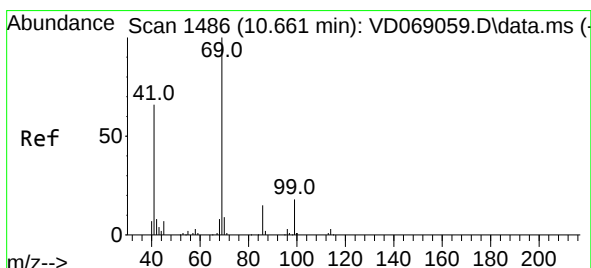
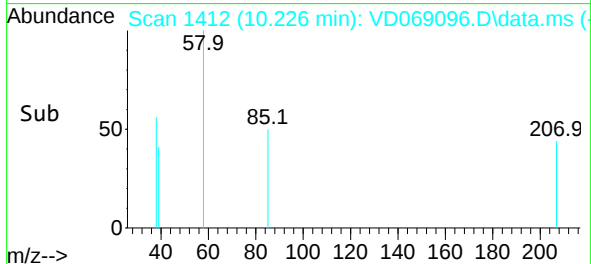
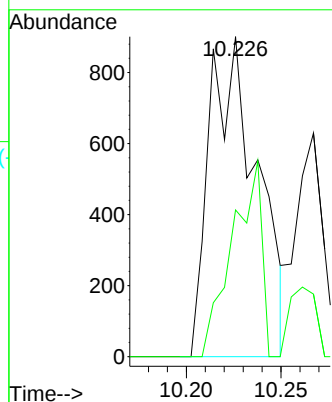
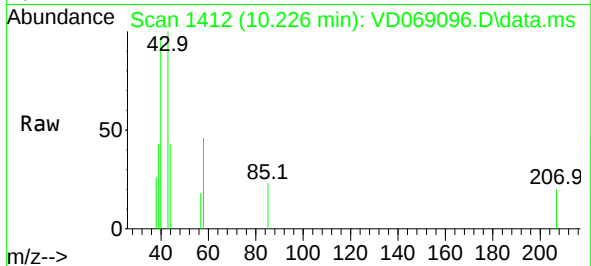




#51
4-Methyl-2-Pentanone
Concen: 1.08 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. -0.000 min
Lab File: VD069096.D
Acq: 07 May 2021 11:45

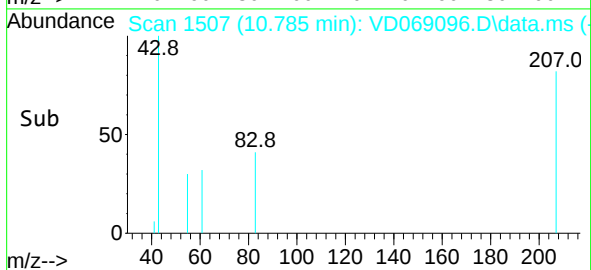
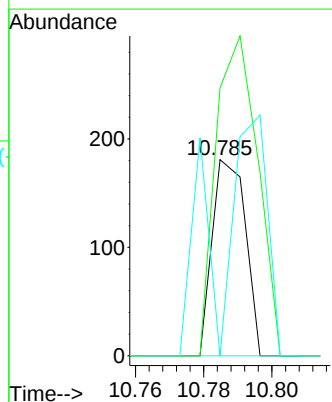
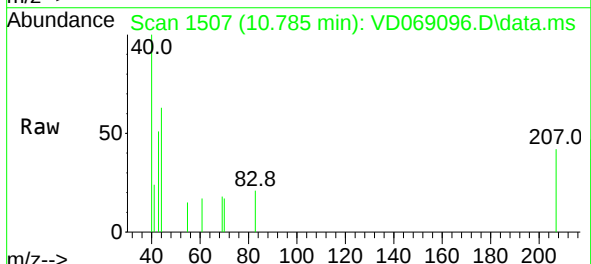
Instrument :
MSVOA_D
ClientSampleId :
VD0507SBL01

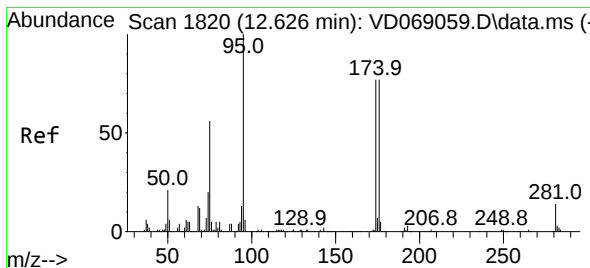
Tgt Ion: 43 Resp: 1577
Ion Ratio Lower Upper
43 100
58 37.8 32.7 49.1



#56
Ethyl methacrylate
Concen: 2.42 ug/l
RT: 10.785 min Scan# 1507
Delta R.T. 0.124 min
Lab File: VD069096.D
Acq: 07 May 2021 11:45

Tgt Ion: 69 Resp: 122
Ion Ratio Lower Upper
69 100
41 205.7 49.2 73.8#
39 181.1 29.8 44.6#

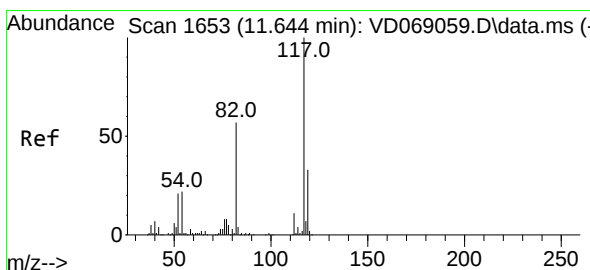
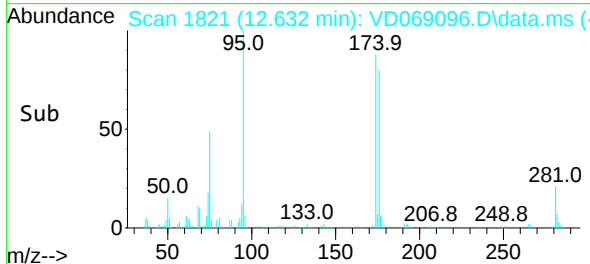
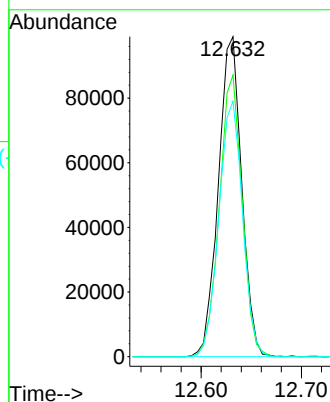
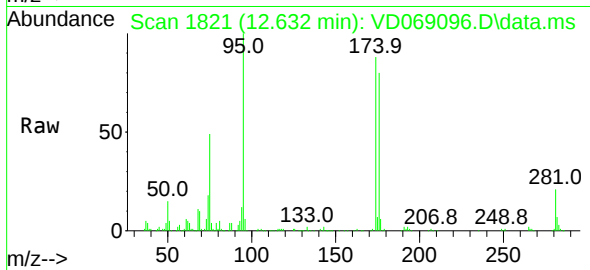




#62
4-Bromofluorobenzene
Concen: 50.16 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD069096.D
Acq: 07 May 2021 11:45

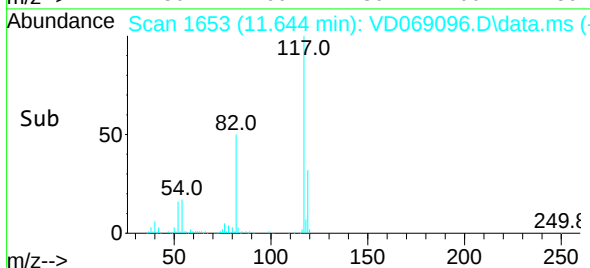
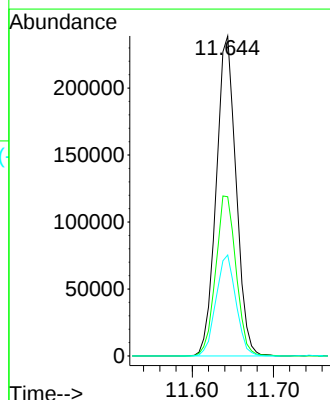
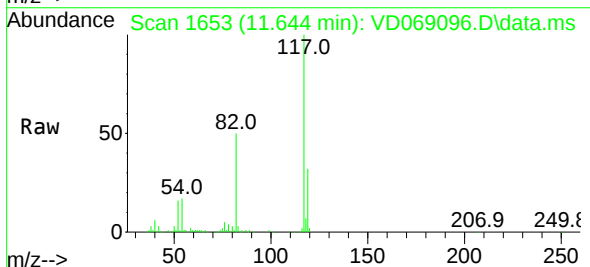
Instrument :
MSVOA_D
ClientSampleId :
VD0507SBL01

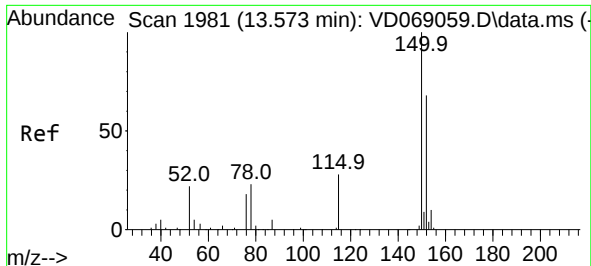
Tgt Ion: 95 Resp: 159825
Ion Ratio Lower Upper
95 100
174 86.3 0.0 156.0
176 81.0 0.0 149.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069096.D
Acq: 07 May 2021 11:45

Tgt Ion: 117 Resp: 405598
Ion Ratio Lower Upper
117 100
82 49.8 45.4 68.2
119 31.6 26.8 40.2

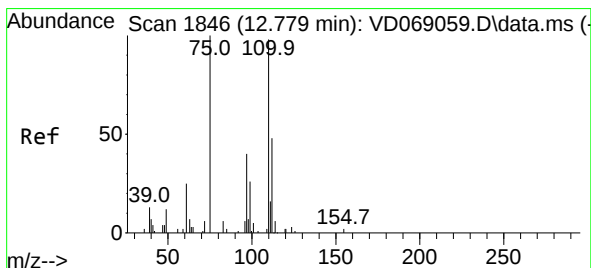
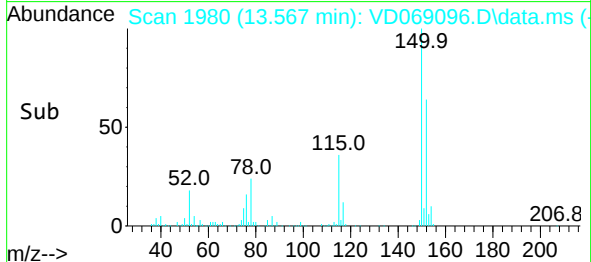
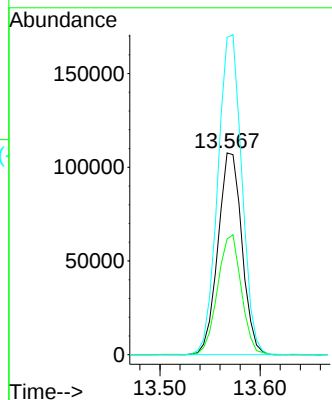
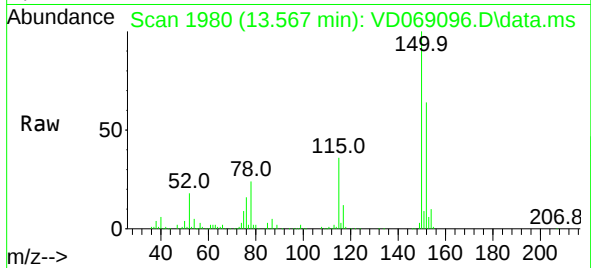




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.006 min
 Lab File: VD069096.D
 Acq: 07 May 2021 11:45

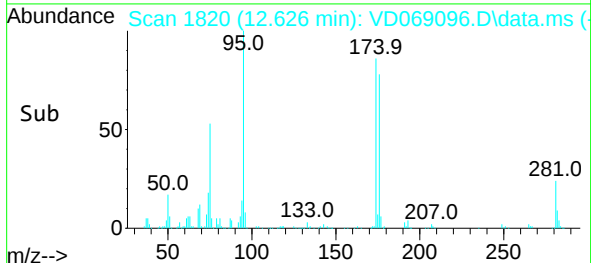
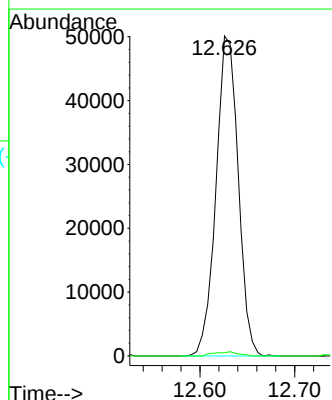
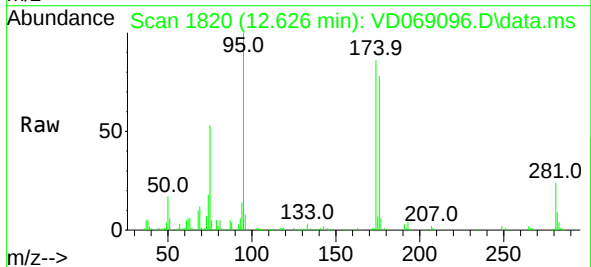
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0507SBL01

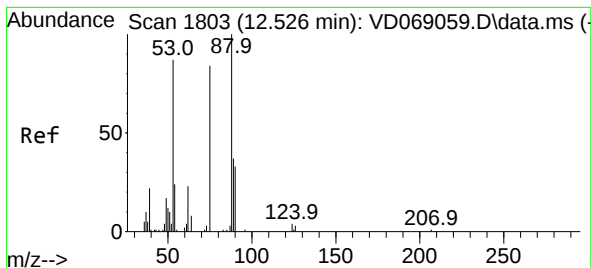
Tgt Ion:152 Resp: 178726
 Ion Ratio Lower Upper
 152 100
 115 58.7 30.5 91.5
 150 158.9 0.0 340.8



#76
 1,2,3-Trichloropropane
 Concen: 52.56 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.153 min
 Lab File: VD069096.D
 Acq: 07 May 2021 11:45

Tgt Ion: 75 Resp: 81772
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#

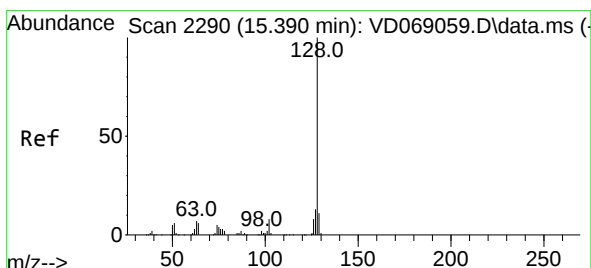
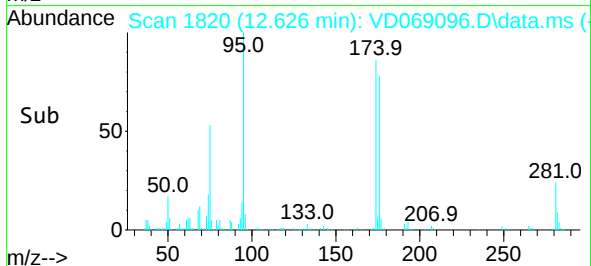
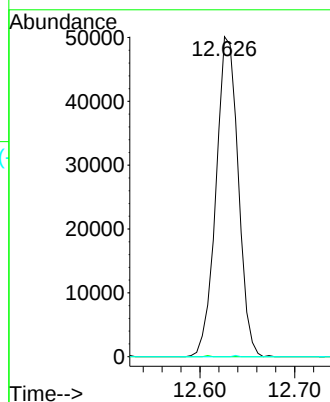
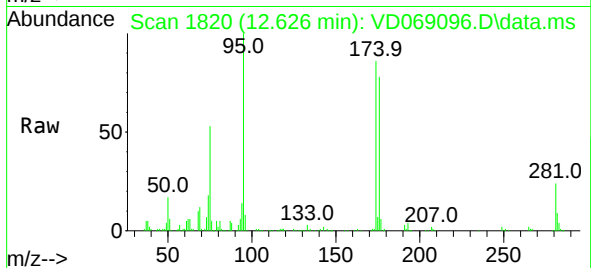




#81
trans-1,4-Dichloro-2-butene
Concen: 114.36 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069096.D
Acq: 07 May 2021 11:45

Instrument :
MSVOA_D
ClientSampleId :
VD0507SBL01

Tgt Ion: 75 Resp: 81772
Ion Ratio Lower Upper
75 100
53 0.0 80.4 120.6#
89 0.1 37.8 56.8#



#95
Naphthalene
Concen: 3.17 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. 0.000 min
Lab File: VD069096.D
Acq: 07 May 2021 11:45

Tgt Ion:128 Resp: 2182
Ion Ratio Lower Upper
128 100
127 8.6 10.7 16.1#
129 5.6 8.5 12.7#

