

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051421\
 Data File : VD069169.D
 Acq On : 14 May 2021 11:34
 Operator : VA/SY
 Sample : VD0514SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0514SBL01

Quant Time: May 15 02:31:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 13 04:01:29 2021
 Response via : Initial Calibration

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

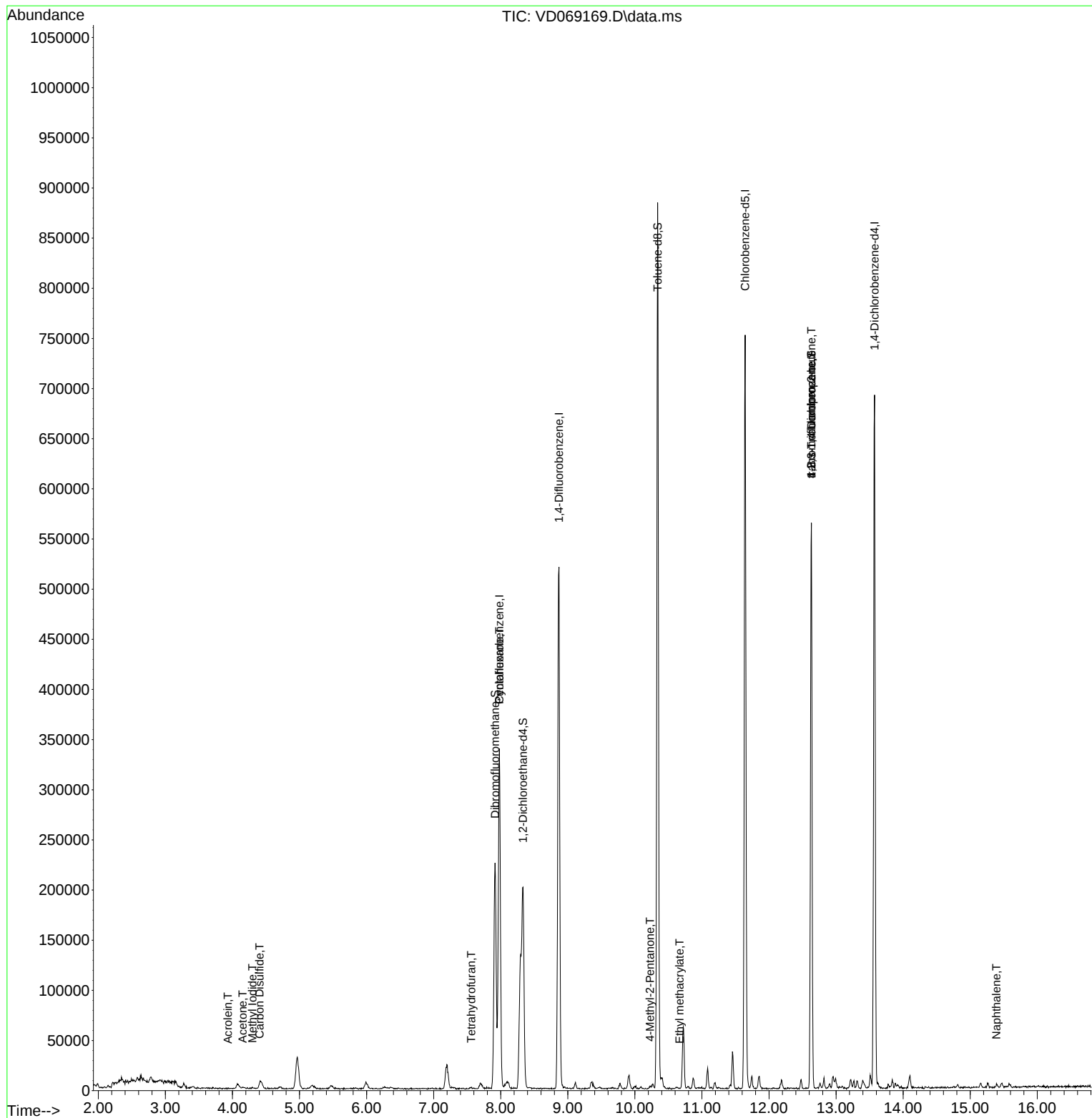
Internal Standards						
1) Pentafluorobenzene	7.979	168	236075	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	469075	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	446916	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	186145	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	149352	63.11	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 126.22%			
35) Dibromofluoromethane	7.915	113	162051	53.09	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.18%			
50) Toluene-d8	10.338	98	592292	52.81	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.62%			
62) 4-Bromofluorobenzene	12.632	95	171101	47.41	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 94.82%			
Target Compounds					Qvalue	
10) Methyl Iodide	4.297	142	1658	1.52	ug/l #	52
11) Tert butyl alcohol	5.179	59	3689	Below Cal	#	73
13) Acrolein	3.932	56	197	1.02	ug/l #	51
16) Acetone	4.150	43	1407	3.88	ug/l	92
17) Carbon Disulfide	4.403	76	10015	1.28	ug/l	96
29) Tetrahydrofuran	7.562	42	279	1.04	ug/l #	61
31) Cyclohexane	7.979	56	7202	2.05	ug/l #	52
51) 4-Methyl-2-Pentanone	10.226	43	2047	1.50	ug/l #	74
56) Ethyl methacrylate	10.667	69	81	1.35	ug/l #	61
76) 1,2,3-Trichloropropane	12.632	75	84355	60.29	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	84355	121.77	ug/l #	14
95) Naphthalene	15.391	128	2641	2.46	ug/l #	90

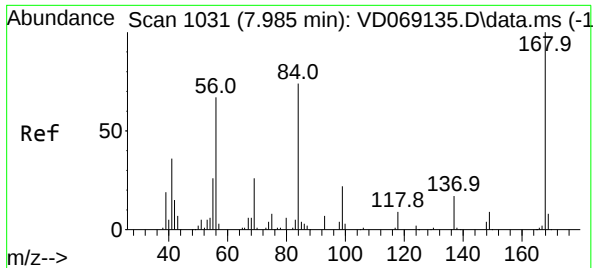
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 15 02:31:54 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
Quant Title : SW846 8260
QLast Update : Thu May 13 04:01:29 2021
Response via : Initial Calibration

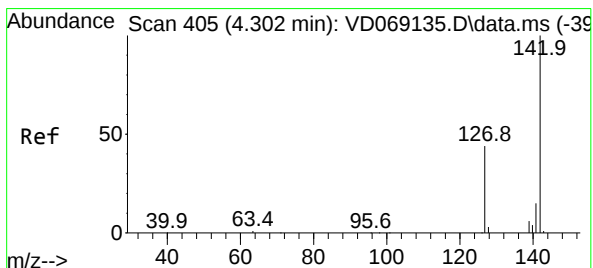
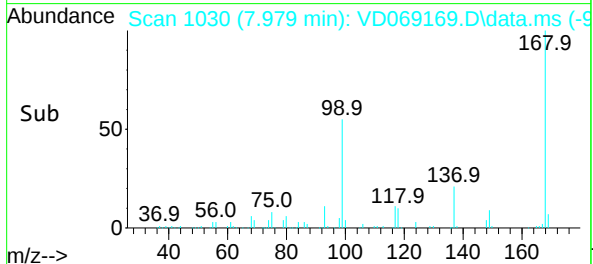
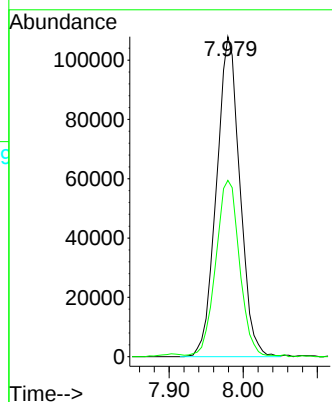
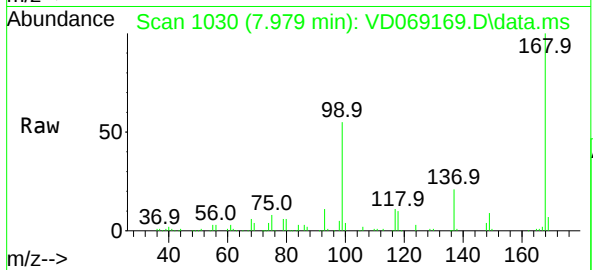




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069169.D
Acq: 14 May 2021 11:34

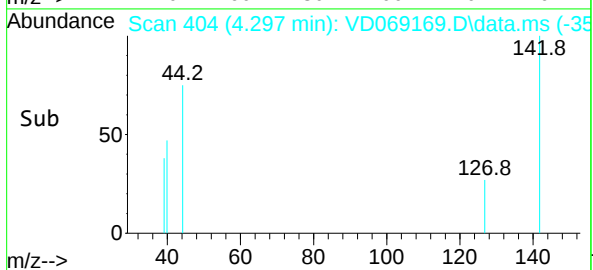
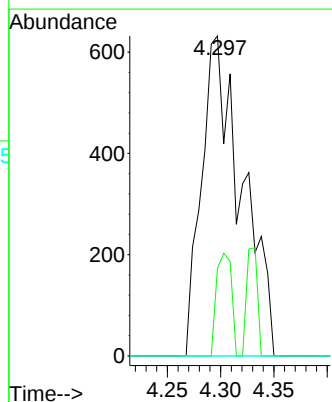
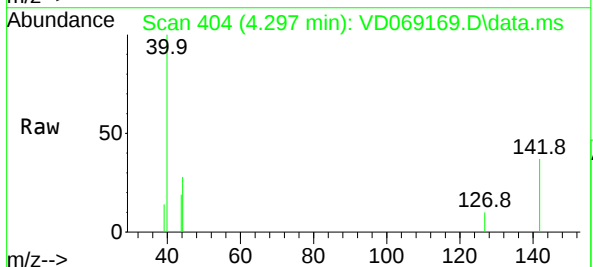
Instrument :
MSVOA_D
ClientSampleId :
VD0514SBL01

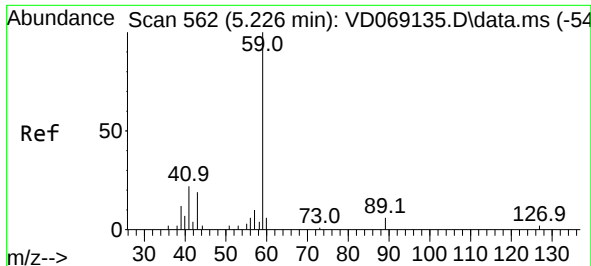
Tgt Ion:168 Resp: 236075
Ion Ratio Lower Upper
168 100
99 54.7 47.2 70.8



#10
Methyl Iodide
Concen: 1.52 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.005 min
Lab File: VD069169.D
Acq: 14 May 2021 11:34

Tgt Ion:142 Resp: 1658
Ion Ratio Lower Upper
142 100
127 12.0 37.3 55.9#
141 0.0 12.2 18.4#



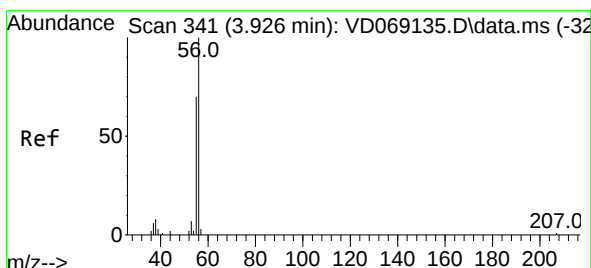
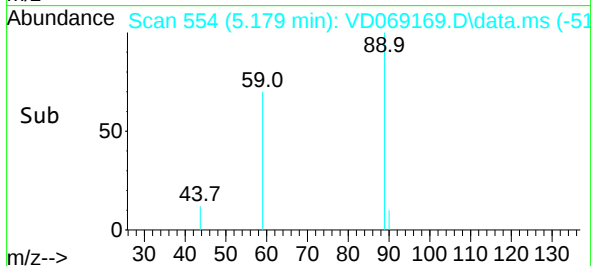
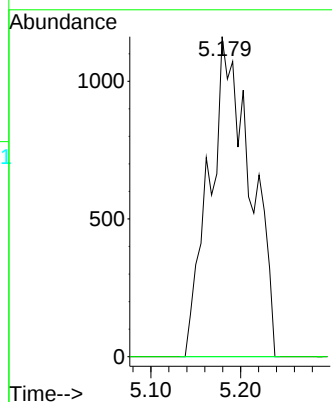
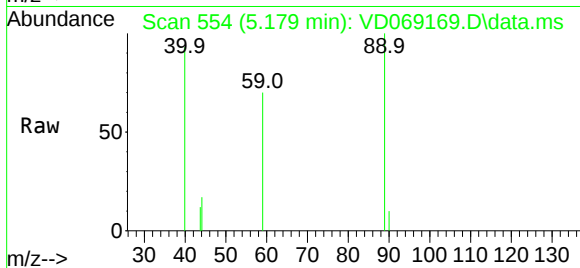


#11

Tert butyl alcohol
Concen: Below Cal
RT: 5.179 min Scan# 554
Delta R.T. -0.047 min
Lab File: VD069169.D
Acq: 14 May 2021 11:34

Instrument :
MSVOA_D
ClientSampleId :
VD0514SBL01

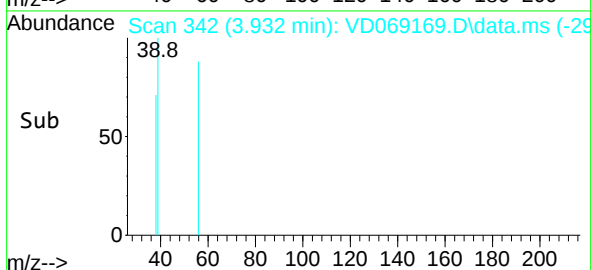
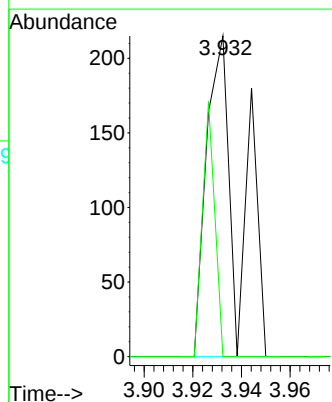
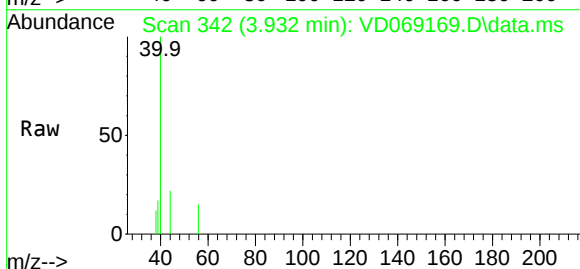
Tgt Ion: 59 Resp: 3689
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

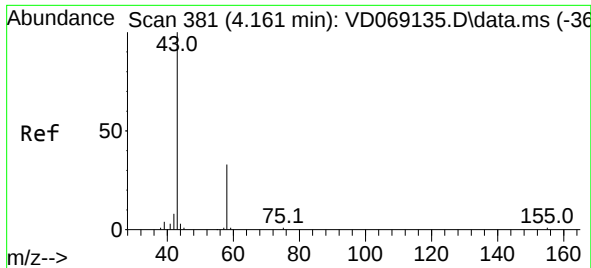


#13

Acrolein
Concen: 1.02 ug/l
RT: 3.932 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD069169.D
Acq: 14 May 2021 11:34

Tgt Ion: 56 Resp: 197
Ion Ratio Lower Upper
56 100
55 30.5 56.9 85.3#

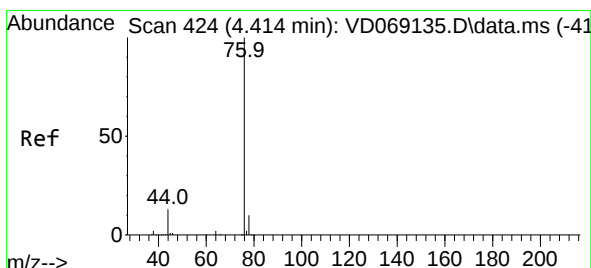
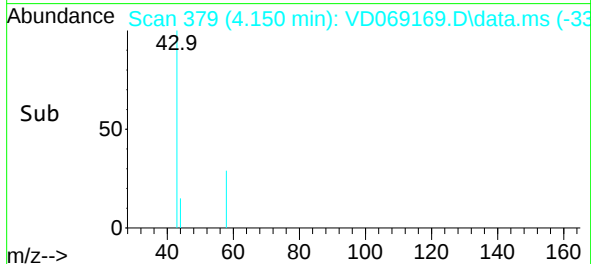
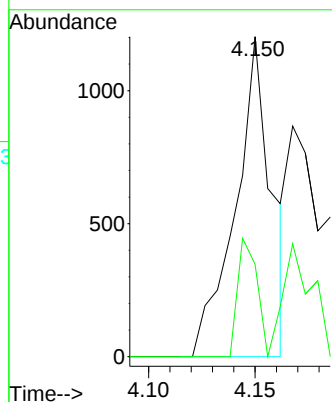
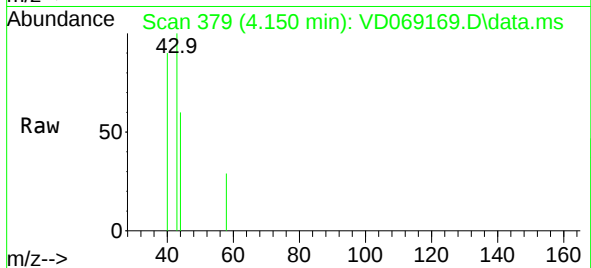




#16
Acetone
Concen: 3.88 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.011 min
Lab File: VD069169.D
Acq: 14 May 2021 11:34

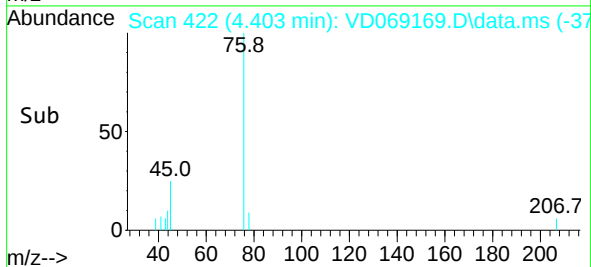
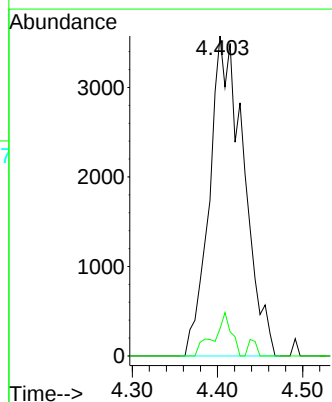
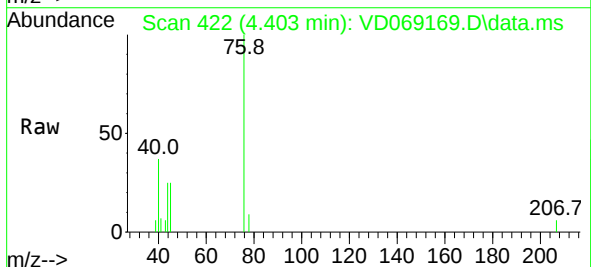
Instrument :
MSVOA_D
ClientSampleId :
VD0514SBL01

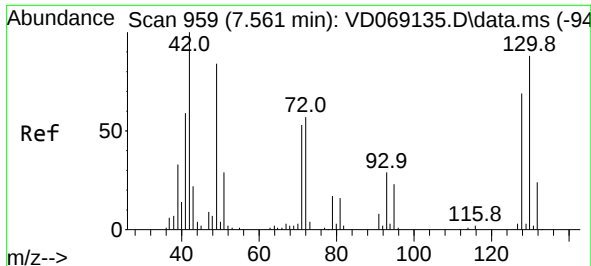
Tgt Ion: 43 Resp: 1407
Ion Ratio Lower Upper
43 100
58 28.8 26.7 40.1



#17
Carbon Disulfide
Concen: 1.28 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.011 min
Lab File: VD069169.D
Acq: 14 May 2021 11:34

Tgt Ion: 76 Resp: 10015
Ion Ratio Lower Upper
76 100
78 8.6 8.1 12.1





#29

Tetrahydrofuran

Concen: 1.04 ug/l

RT: 7.562 min Scan# 959

Delta R.T. 0.001 min

Lab File: VD069169.D

Acq: 14 May 2021 11:34

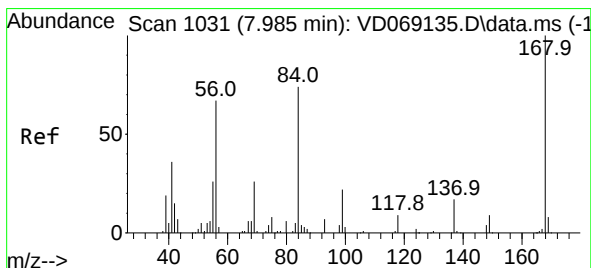
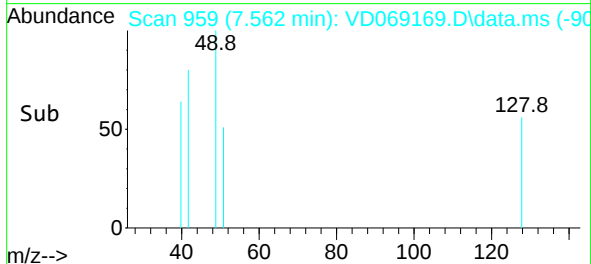
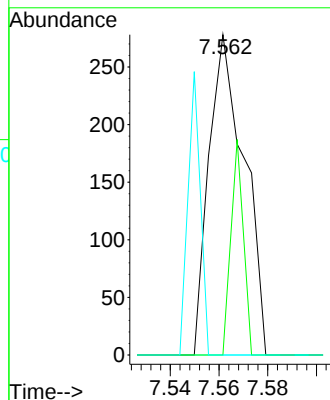
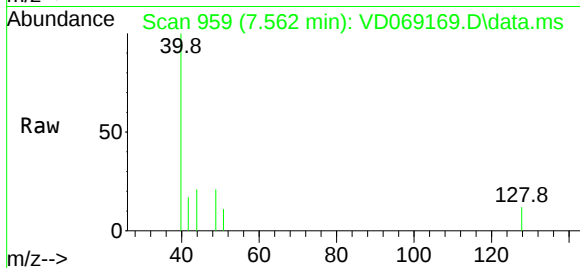
Tgt Ion: 42 Resp: 279

Ion Ratio Lower Upper

42 100

72 23.7 45.9 68.9#

71 31.2 42.9 64.3#



#31

Cyclohexane

Concen: 2.05 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.005 min

Lab File: VD069169.D

Acq: 14 May 2021 11:34

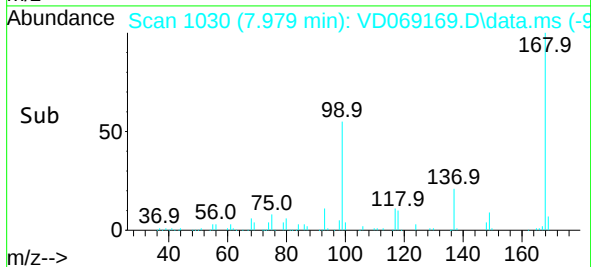
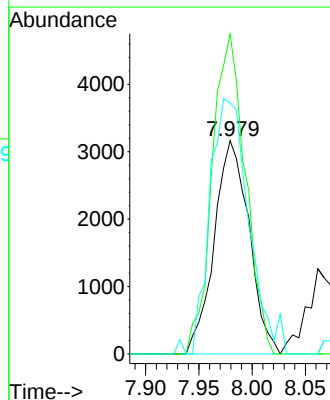
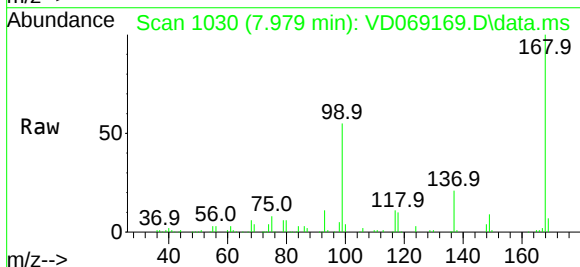
Tgt Ion: 56 Resp: 7202

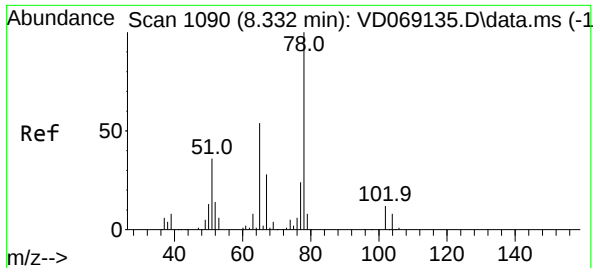
Ion Ratio Lower Upper

56 100

69 150.1 30.6 46.0#

84 111.0 88.0 132.0

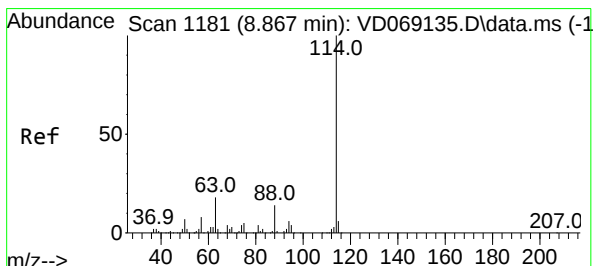
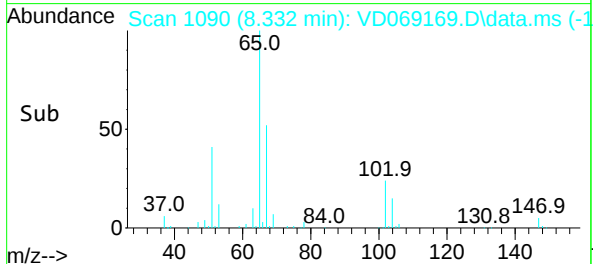
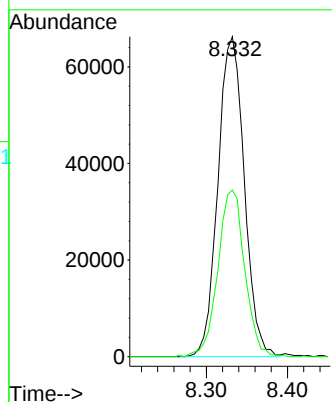
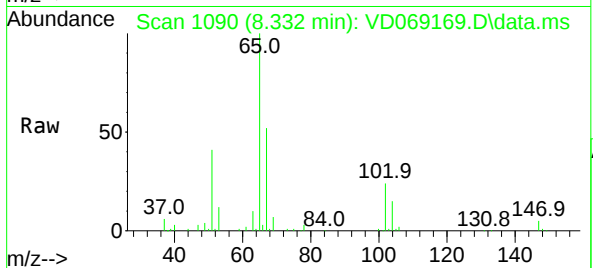




#33
1,2-Dichloroethane-d4
Concen: 63.11 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.001 min
Lab File: VD069169.D
Acq: 14 May 2021 11:34

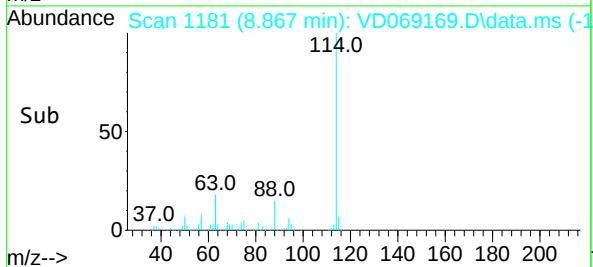
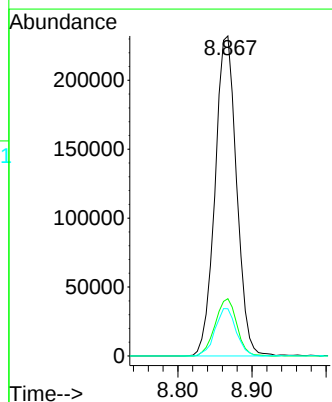
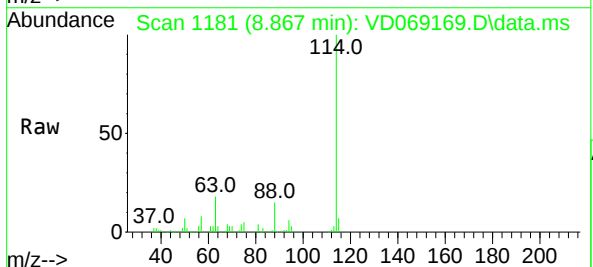
Instrument :
MSVOA_D
ClientSampleId :
VD0514SBL01

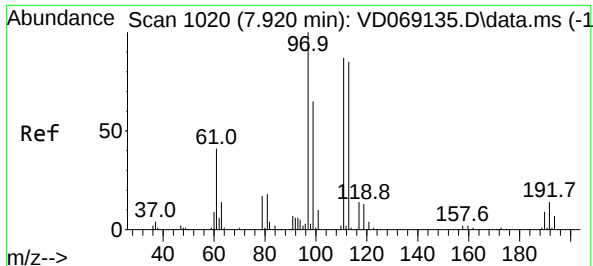
Tgt Ion: 65 Resp: 149352
Ion Ratio Lower Upper
65 100
67 53.1 0.0 108.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.001 min
Lab File: VD069169.D
Acq: 14 May 2021 11:34

Tgt Ion: 114 Resp: 469075
Ion Ratio Lower Upper
114 100
63 17.9 0.0 36.4
88 14.7 0.0 28.2





#35

Dibromofluoromethane

Concen: 53.09 ug/l

RT: 7.915 min Scan# 1019

Delta R.T. -0.005 min

Lab File: VD069169.D

Acq: 14 May 2021 11:34

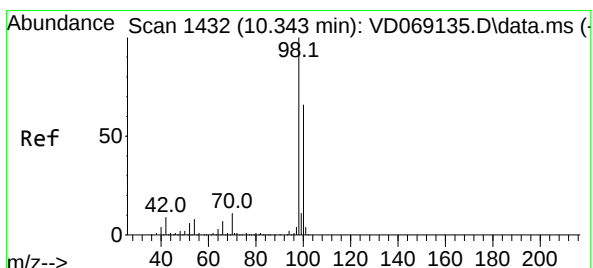
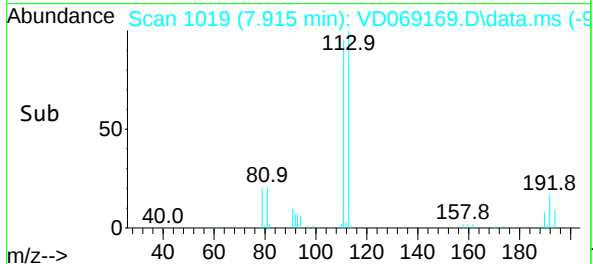
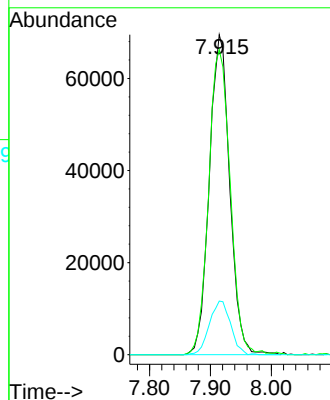
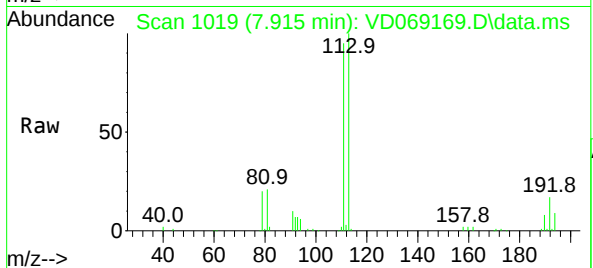
Tgt Ion:113 Resp: 162051

Ion Ratio Lower Upper

113 100

111 100.5 80.6 120.8

192 17.4 14.8 22.2



#50

Toluene-d8

Concen: 52.81 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.005 min

Lab File: VD069169.D

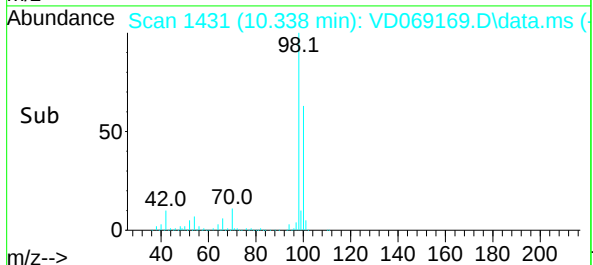
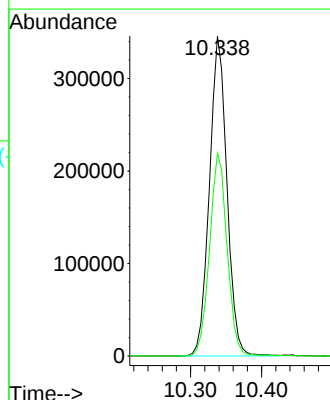
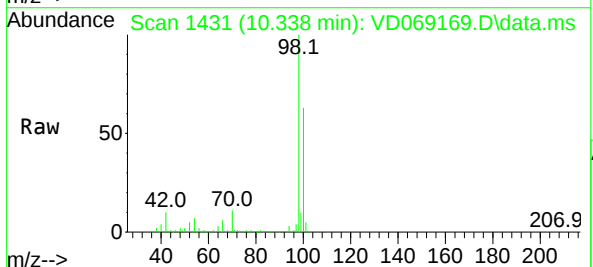
Acq: 14 May 2021 11:34

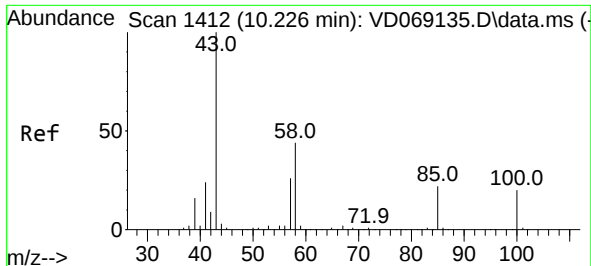
Tgt Ion: 98 Resp: 592292

Ion Ratio Lower Upper

98 100

100 63.7 51.8 77.8

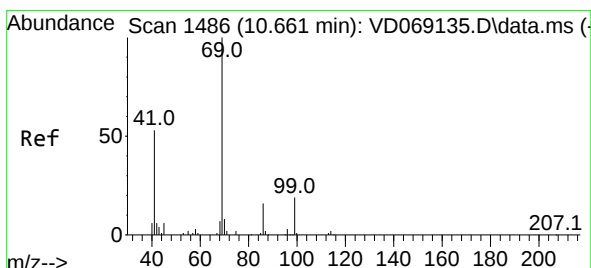
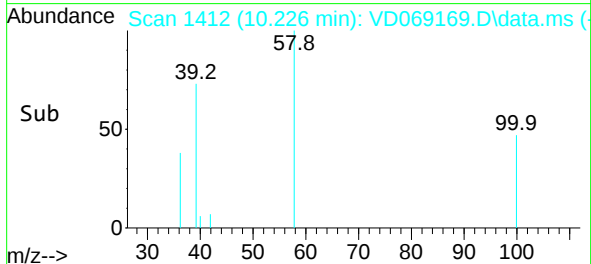
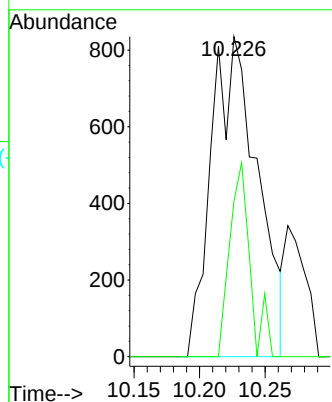
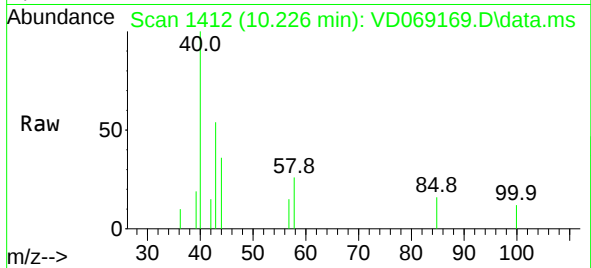




#51
4-Methyl-2-Pentanone
Concen: 1.50 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. 0.001 min
Lab File: VD069169.D
Acq: 14 May 2021 11:34

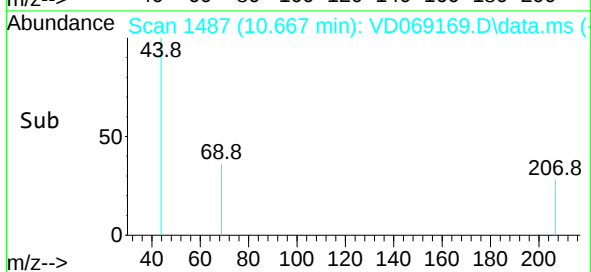
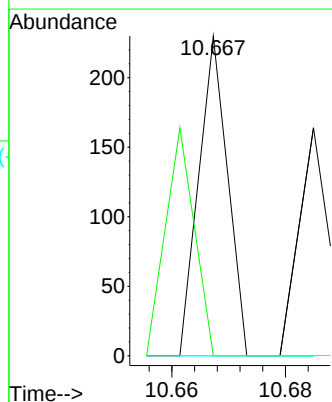
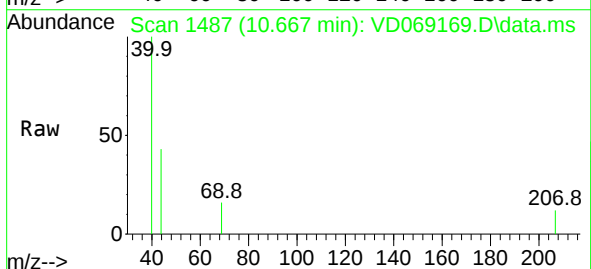
Instrument :
MSVOA_D
ClientSampleId :
VD0514SBL01

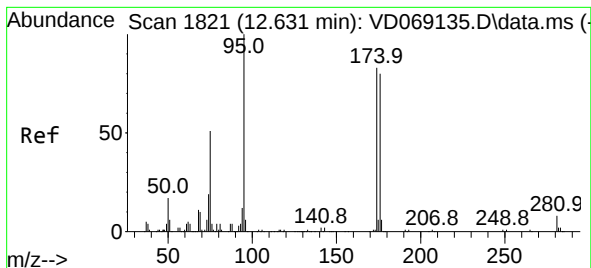
Tgt Ion: 43 Resp: 2047
Ion Ratio Lower Upper
43 100
58 26.7 35.0 52.4#



#56
Ethyl methacrylate
Concen: 1.35 ug/l
RT: 10.667 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VD069169.D
Acq: 14 May 2021 11:34

Tgt Ion: 69 Resp: 81
Ion Ratio Lower Upper
69 100
41 71.6 42.2 63.2#
39 0.0 26.3 39.5#

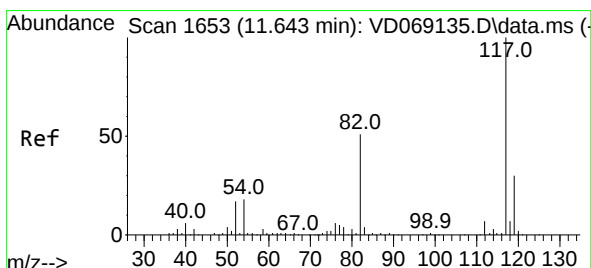
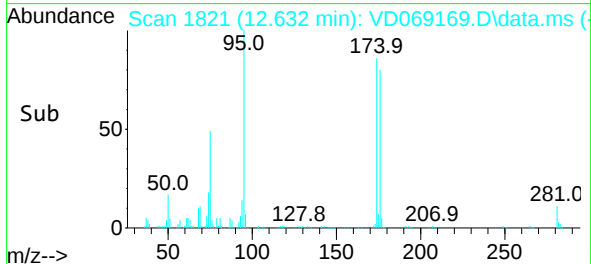
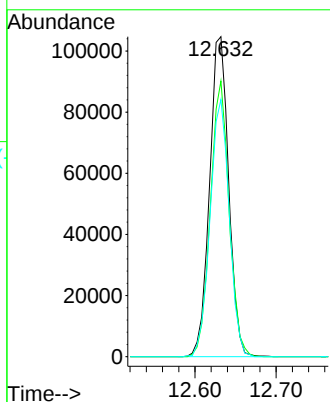
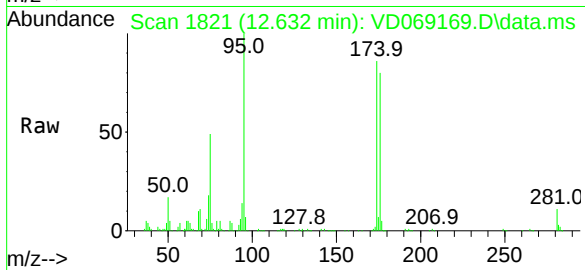




#62
4-Bromofluorobenzene
Concen: 47.41 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.001 min
Lab File: VD069169.D
Acq: 14 May 2021 11:34

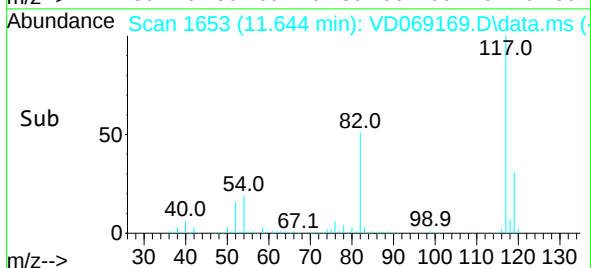
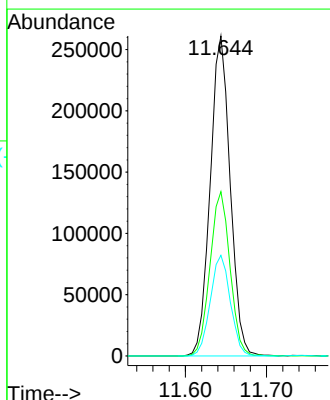
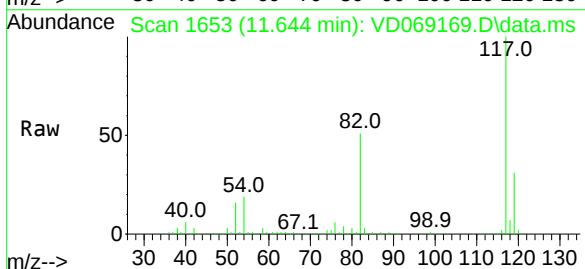
Instrument :
MSVOA_D
ClientSampleId :
VD0514SBL01

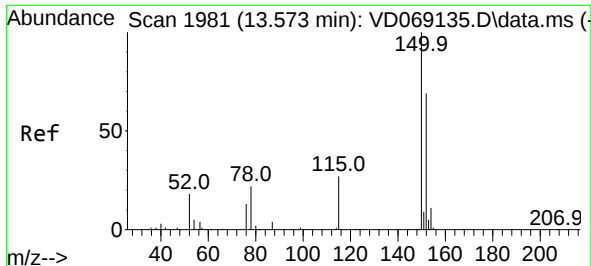
Tgt Ion: 95 Resp: 171101
Ion Ratio Lower Upper
95 100
174 84.5 0.0 171.8
176 80.3 0.0 165.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD069169.D
Acq: 14 May 2021 11:34

Tgt Ion: 117 Resp: 446916
Ion Ratio Lower Upper
117 100
82 51.3 40.5 60.7
119 31.5 24.2 36.4

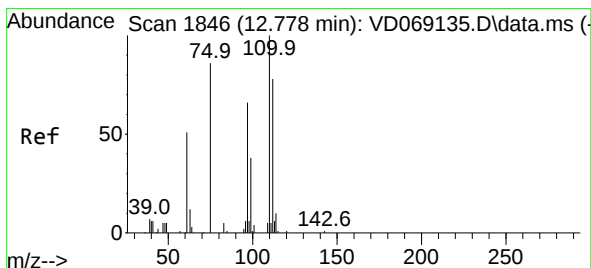
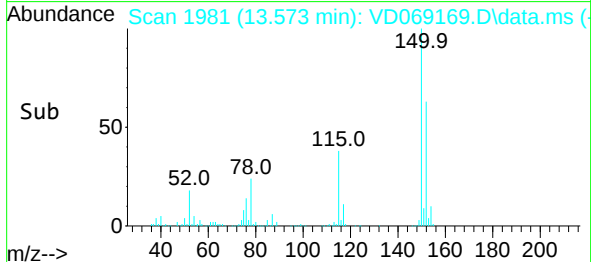
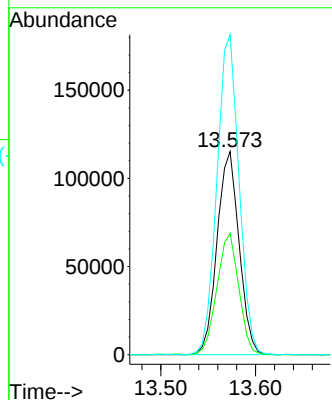
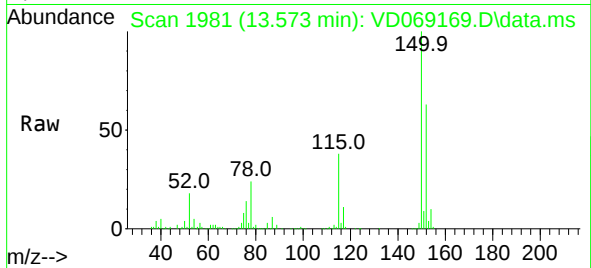




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD069169.D
Acq: 14 May 2021 11:34

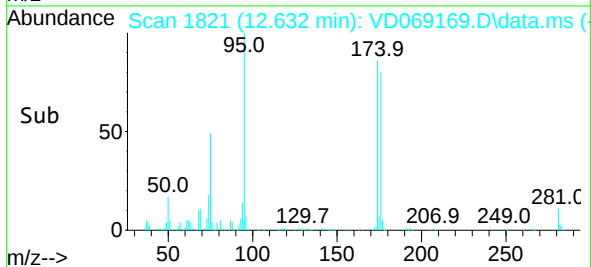
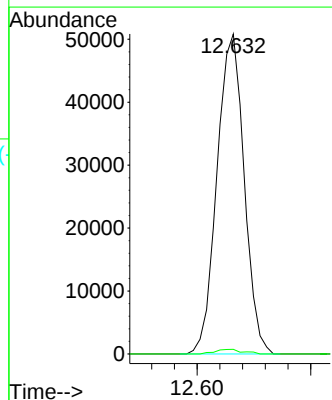
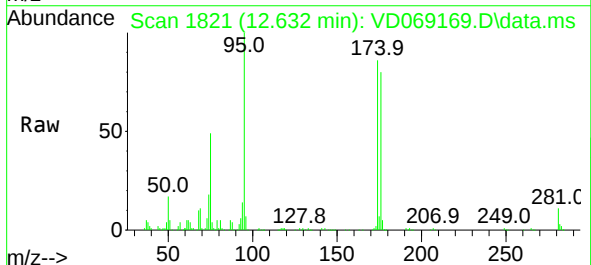
Instrument :
MSVOA_D
ClientSampleId :
VD0514SBL01

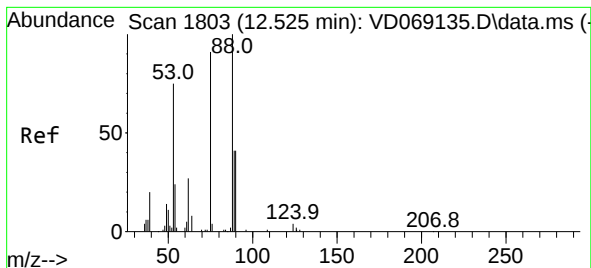
Tgt Ion:152 Resp: 186145
Ion Ratio Lower Upper
152 100
115 59.3 29.9 89.8
150 157.9 0.0 350.2



#76
1,2,3-Trichloropropane
Concen: 60.29 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD069169.D
Acq: 14 May 2021 11:34

Tgt Ion: 75 Resp: 84355
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#

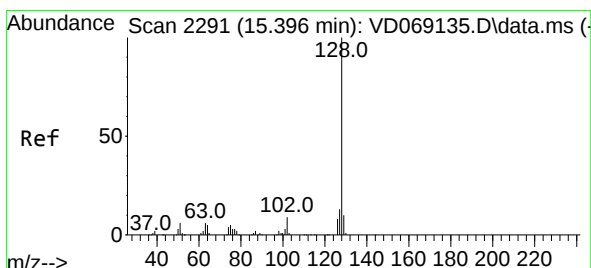
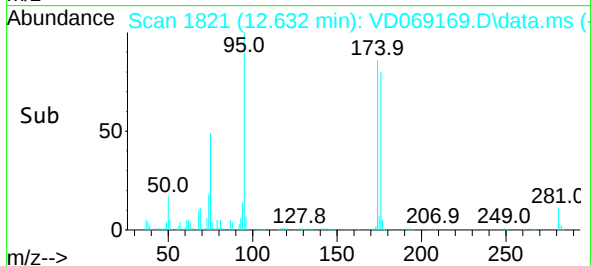
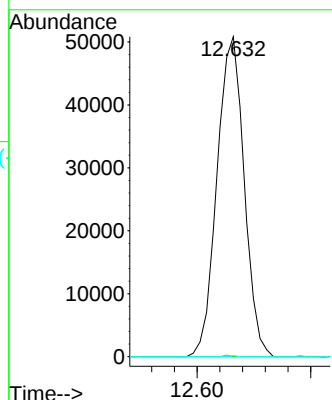
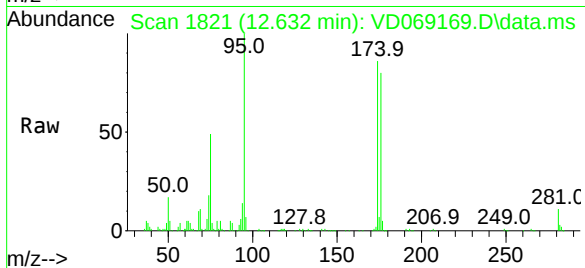




#81
trans-1,4-Dichloro-2-butene
Concen: 121.77 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD069169.D
Acq: 14 May 2021 11:34

Instrument :
MSVOA_D
ClientSampleId :
VD0514SBL01

Tgt Ion: 75 Resp: 84355
Ion Ratio Lower Upper
75 100
53 0.1 70.0 105.0#
89 0.1 40.2 60.2#



#95
Naphthalene
Concen: 2.46 ug/l
RT: 15.391 min Scan# 2290
Delta R.T. -0.005 min
Lab File: VD069169.D
Acq: 14 May 2021 11:34

Tgt Ion:128 Resp: 2641
Ion Ratio Lower Upper
128 100
127 19.7 10.5 15.7#
129 10.0 8.9 13.3

