

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060321\
 Data File : VD069323.D
 Acq On : 03 Jun 2021 14:21
 Operator : VA/SY
 Sample : M2580-17
 Misc : 7.95G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 04 03:01:31 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)

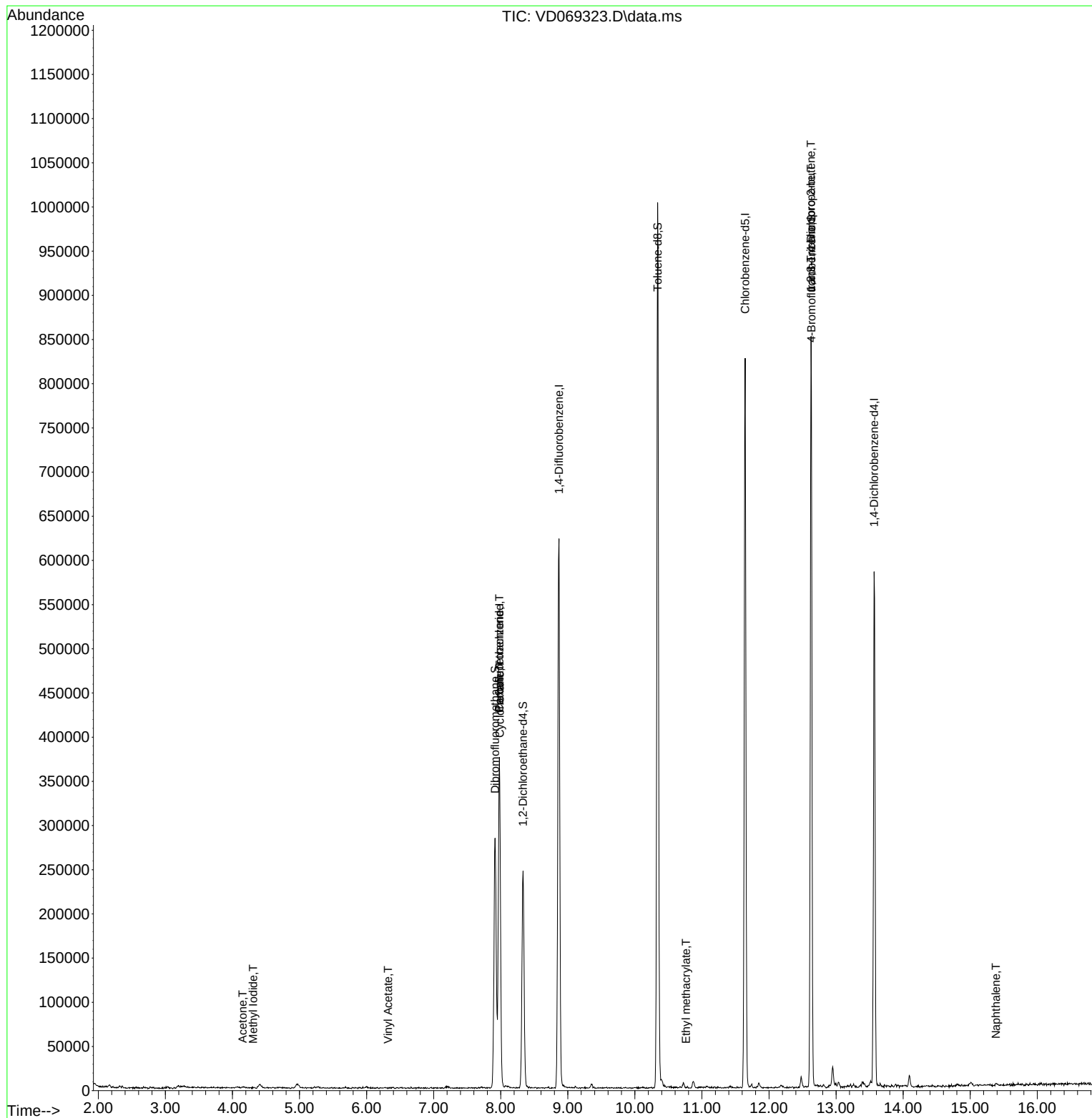
Internal Standards						
1) Pentafluorobenzene	7.979	168	278231	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	550636	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	494611	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	166653	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	195985	73.41	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 146.82%			
35) Dibromofluoromethane	7.914	113	205342	59.38	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 118.76%			
50) Toluene-d8	10.338	98	703326	55.93	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 111.86%			
62) 4-Bromofluorobenzene	12.632	95	191517	46.48	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 92.96%			
Target Compounds						Qvalue
10) Methyl Iodide	4.309	142	604	2.69	ug/l #	39
11) Tert butyl alcohol	5.220	59	821	Below Cal	#	73
16) Acetone	4.150	43	1448	3.11	ug/l #	40
20) Methylene Chloride	4.956	84	2139	Below Cal	#	89
23) Vinyl Acetate	6.320	43	74	11.63	ug/l #	67
31) Cyclohexane	7.985	56	6794	1.60	ug/l #	16
38) Carbon Tetrachloride	7.979	117	30337	5.25	ug/l #	13
56) Ethyl methacrylate	10.761	69	65	2.66	ug/l #	39
76) 1,2,3-Trichloropropane	12.626	75	96776	66.84	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	96776	148.11	ug/l #	19
95) Naphthalene	15.385	128	2622	3.73	ug/l #	85

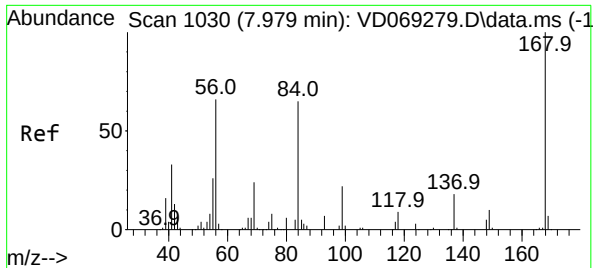
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jun 02 02:17:36 2021
Response via : Initial Calibration

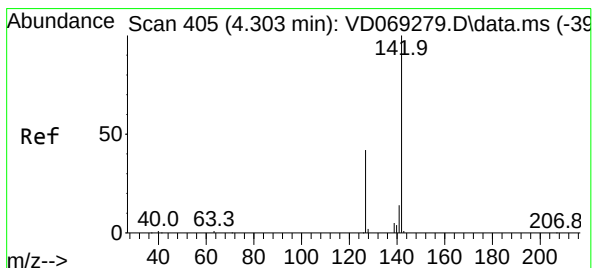
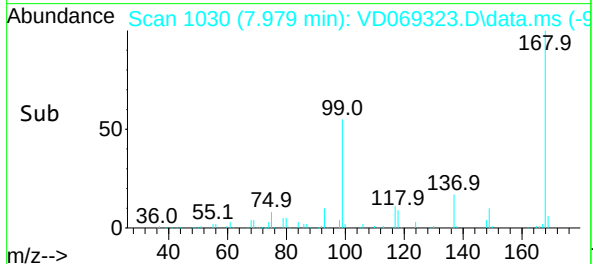
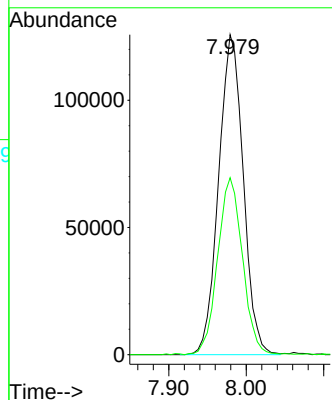
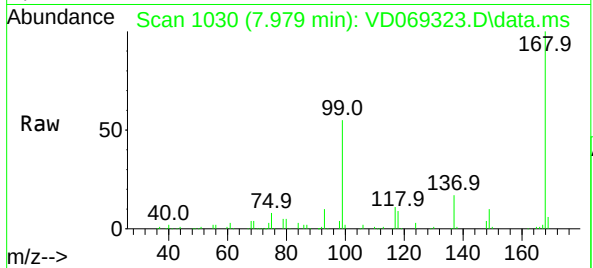




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069323.D
Acq: 03 Jun 2021 14:21

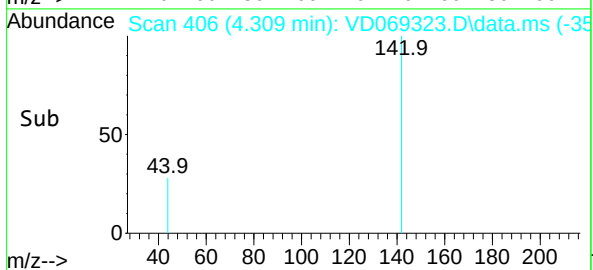
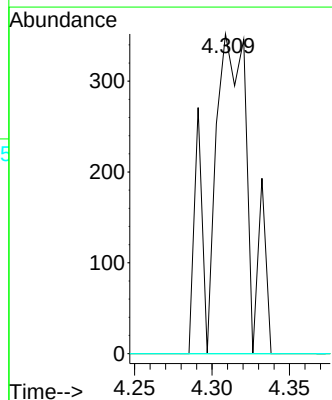
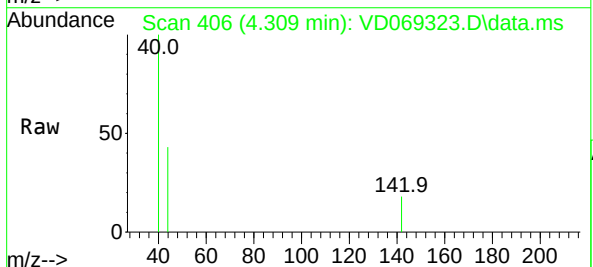
Instrument :
MSVOA_D
ClientSampleId :

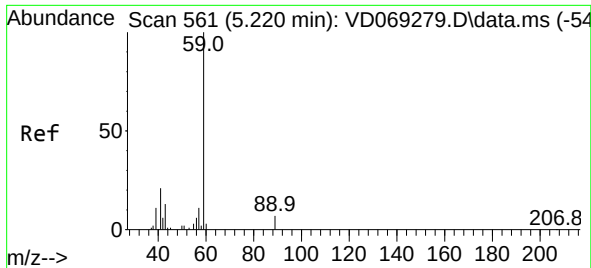
Tgt Ion:168 Resp: 278231
Ion Ratio Lower Upper
168 100
99 55.1 46.2 69.2



#10
Methyl Iodide
Concen: 2.69 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.006 min
Lab File: VD069323.D
Acq: 03 Jun 2021 14:21

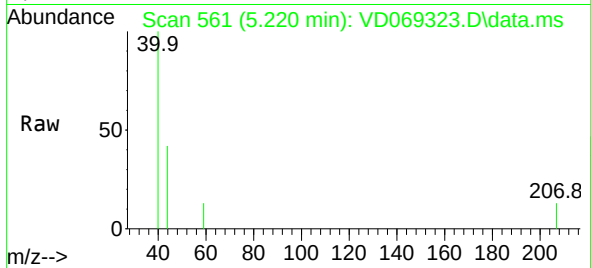
Tgt Ion:142 Resp: 604
Ion Ratio Lower Upper
142 100
127 0.0 36.2 54.2#
141 0.0 12.2 18.2#



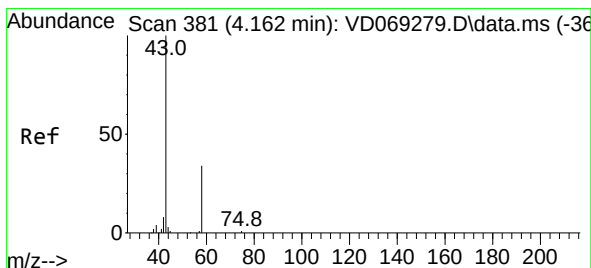
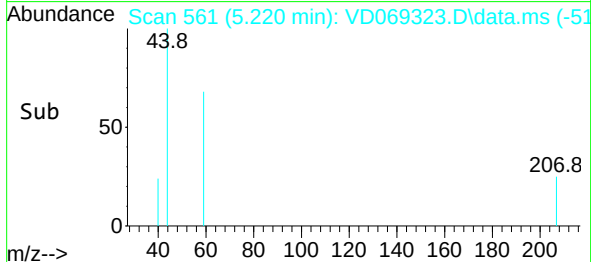
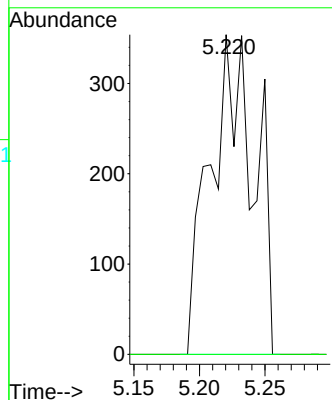


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.220 min Scan# 561
Delta R.T. 0.000 min
Lab File: VD069323.D
Acq: 03 Jun 2021 14:21

Instrument :
MSVOA_D
ClientSampled :

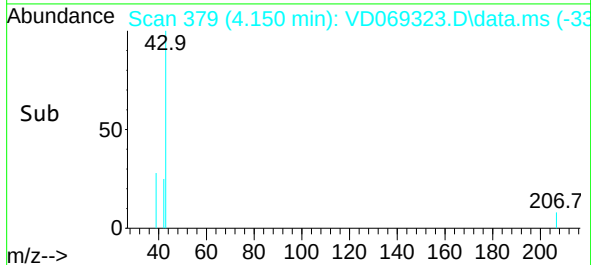
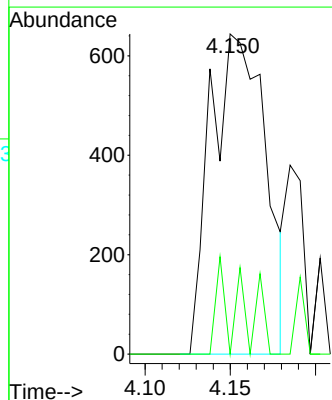
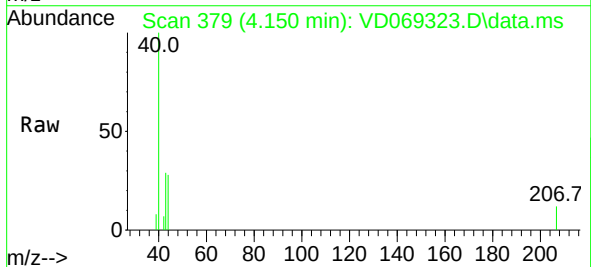


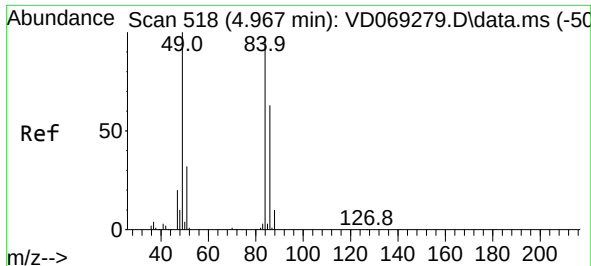
Tgt Ion: 59 Resp: 821
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 3.11 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.012 min
Lab File: VD069323.D
Acq: 03 Jun 2021 14:21

Tgt Ion: 43 Resp: 1448
Ion Ratio Lower Upper
43 100
58 0.0 27.5 41.3#

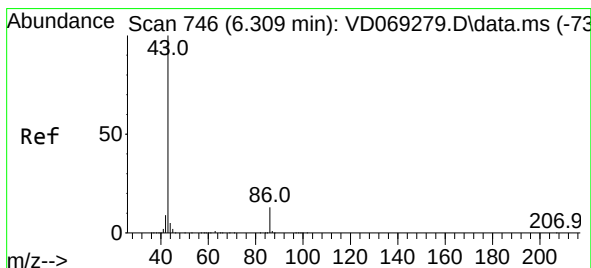
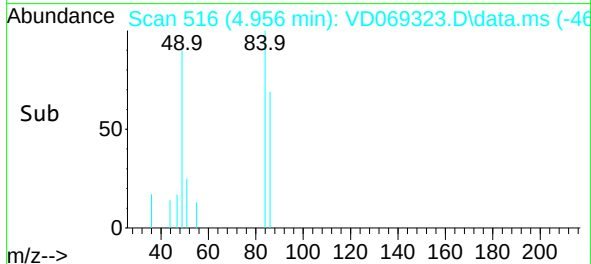
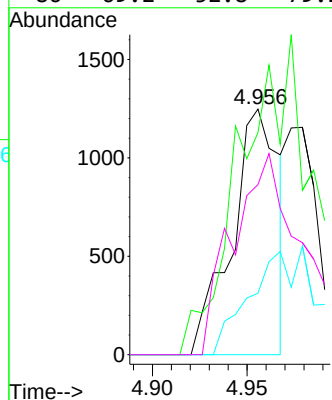
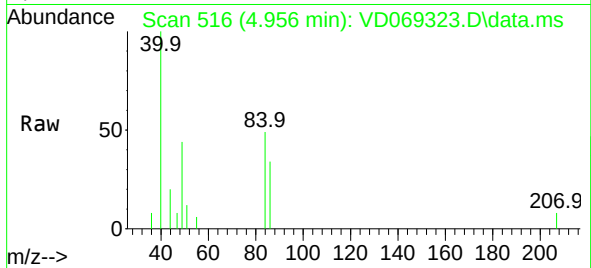




#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.011 min
Lab File: VD069323.D
Acq: 03 Jun 2021 14:21

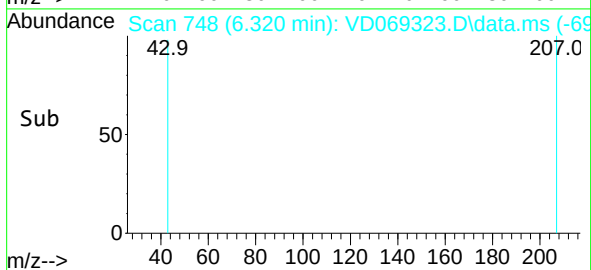
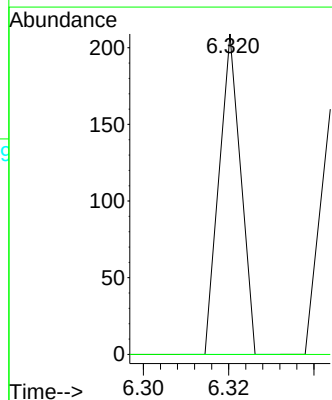
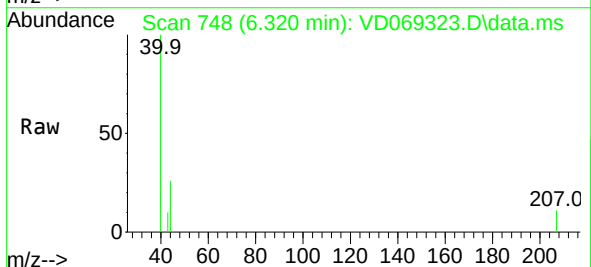
Instrument :
MSVOA_D
ClientSampled :

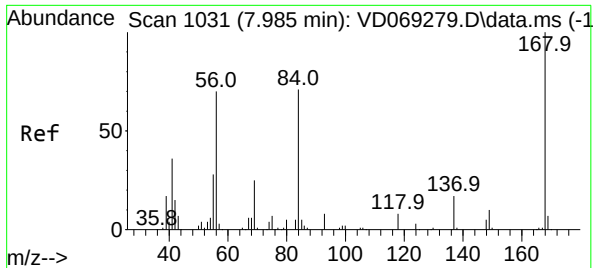
Tgt Ion:	84	Resp:	2139
Ion	Ratio	Lower	Upper
84	100		
49	90.4	83.7	125.5
51	25.0	26.4	39.6#
86	69.2	52.8	79.2



#23
Vinyl Acetate
Concen: 11.63 ug/l
RT: 6.320 min Scan# 748
Delta R.T. 0.011 min
Lab File: VD069323.D
Acq: 03 Jun 2021 14:21

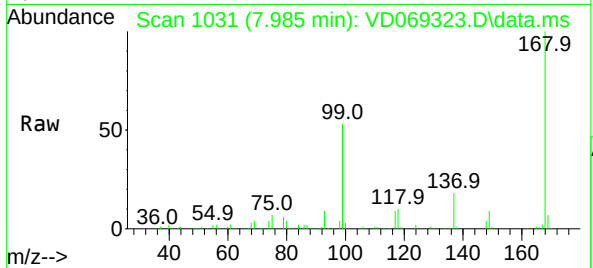
Tgt Ion:	43	Resp:	74
Ion	Ratio	Lower	Upper
43	100		
86	0.0	10.5	15.7#



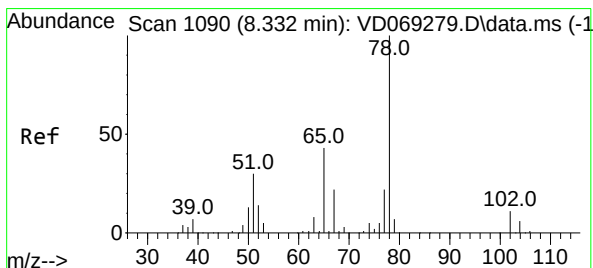
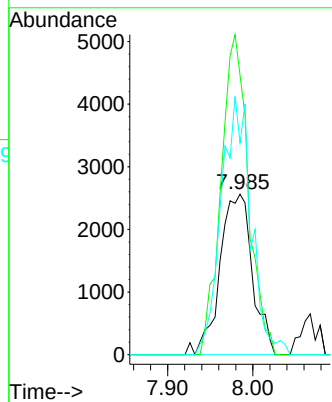
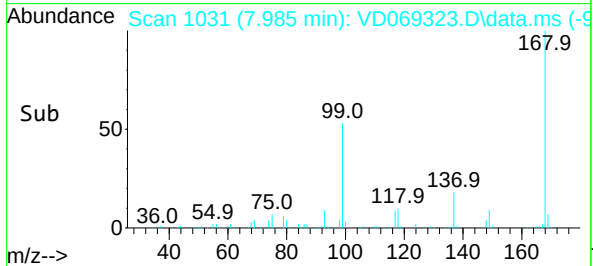


#31
Cyclohexane
Concen: 1.60 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD069323.D
Acq: 03 Jun 2021 14:21

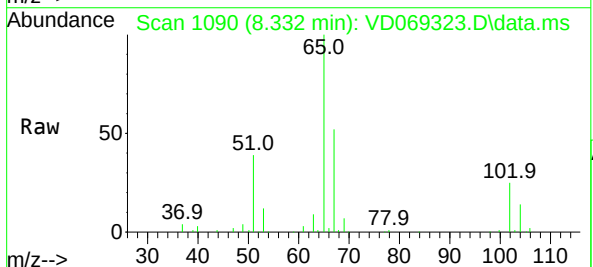
Instrument :
MSVOA_D
ClientSampleId :



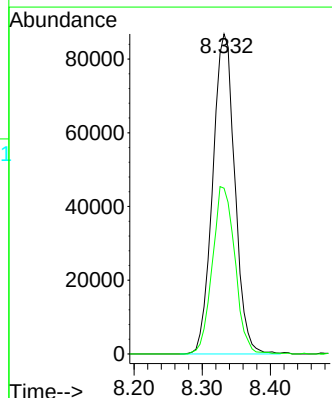
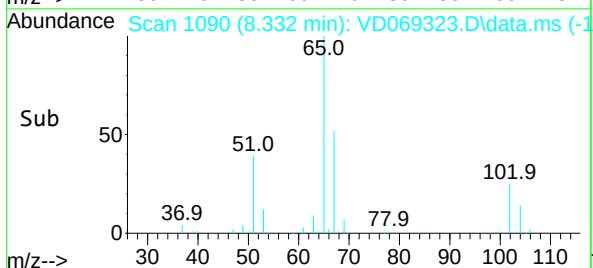
Tgt Ion: 56 Resp: 6794
Ion Ratio Lower Upper
56 100
69 174.2 29.0 43.4#
84 132.1 81.1 121.7#

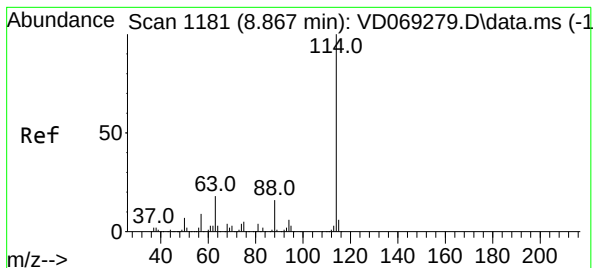


#33
1,2-Dichloroethane-d4
Concen: 73.41 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069323.D
Acq: 03 Jun 2021 14:21



Tgt Ion: 65 Resp: 195985
Ion Ratio Lower Upper
65 100
67 53.5 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: VD069323.D

Acq: 03 Jun 2021 14:21

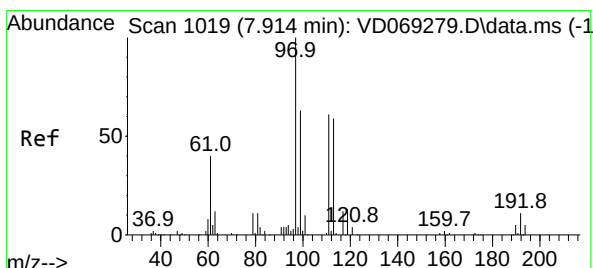
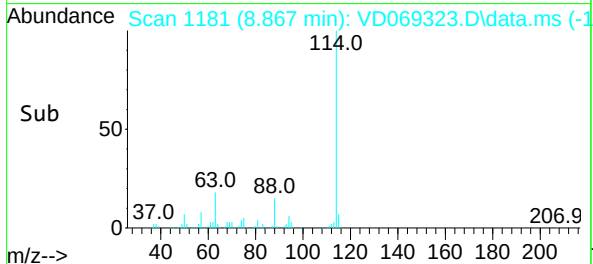
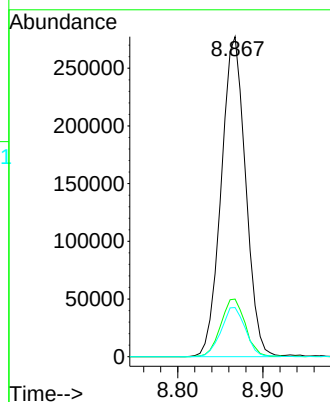
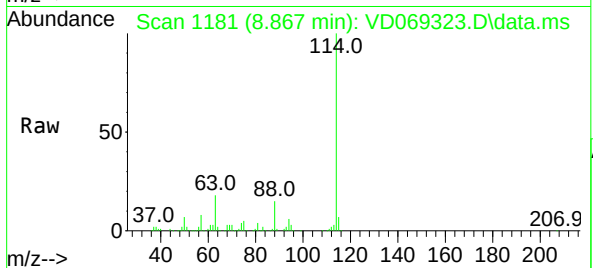
Tgt Ion:114 Resp: 550636

Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.6

88 15.3 0.0 31.2



#35

Dibromofluoromethane

Concen: 59.38 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD069323.D

Acq: 03 Jun 2021 14:21

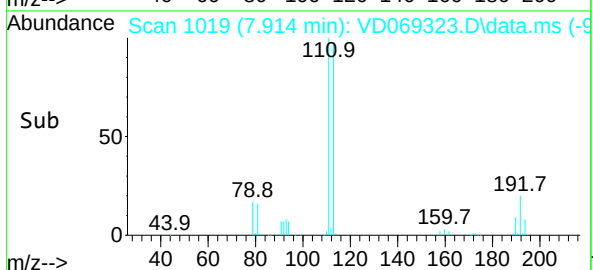
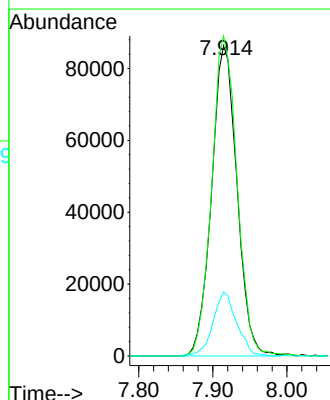
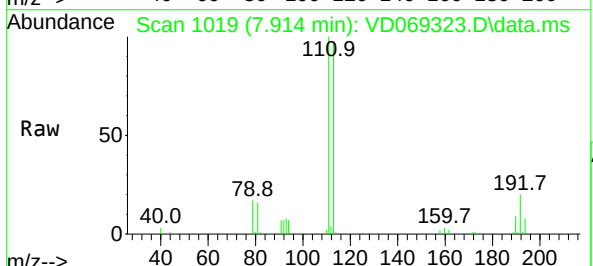
Tgt Ion:113 Resp: 205342

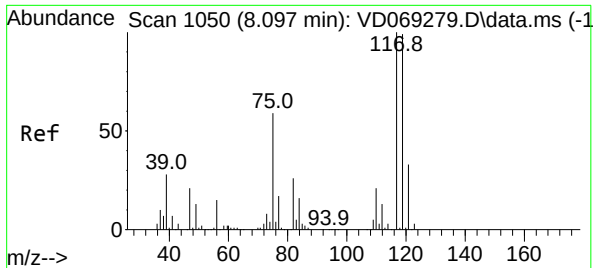
Ion Ratio Lower Upper

113 100

111 103.3 83.0 124.6

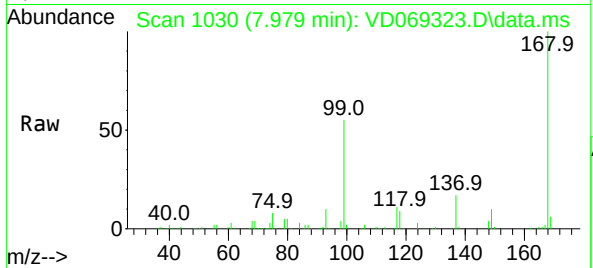
192 19.3 15.1 22.7



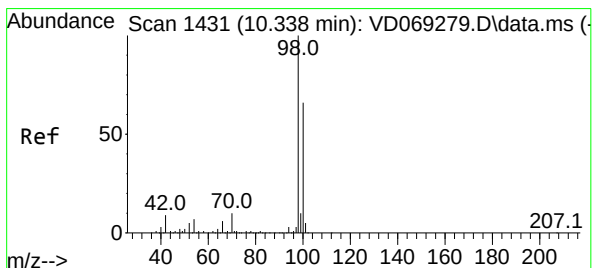
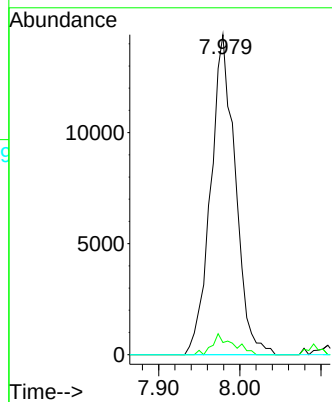
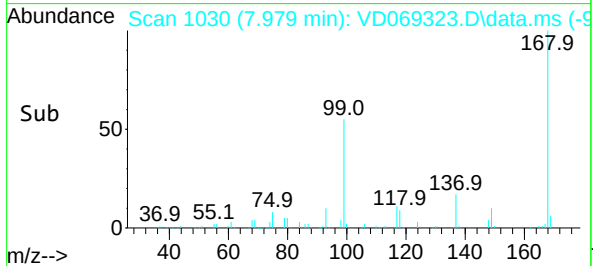


#38
Carbon Tetrachloride
Concen: 5.25 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD069323.D
Acq: 03 Jun 2021 14:21

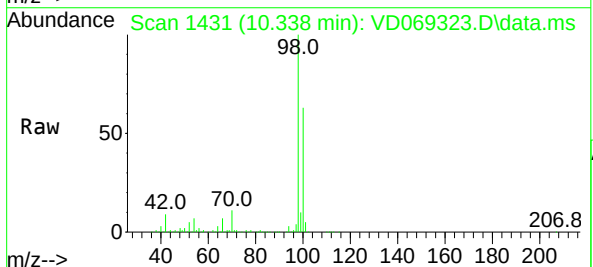
Instrument :
MSVOA_D
ClientSampleId :



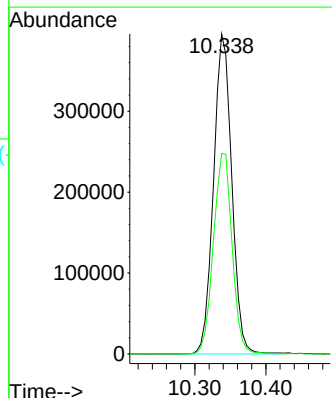
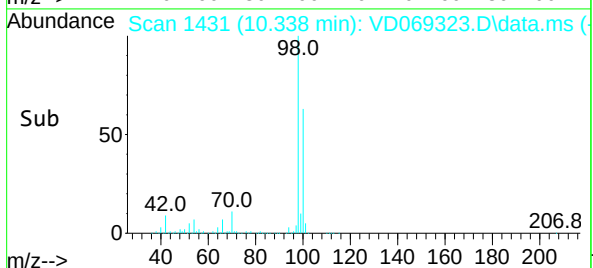
Tgt Ion:117 Resp: 30337
Ion Ratio Lower Upper
117 100
119 3.8 79.4 119.2#
121 0.0 26.1 39.1#

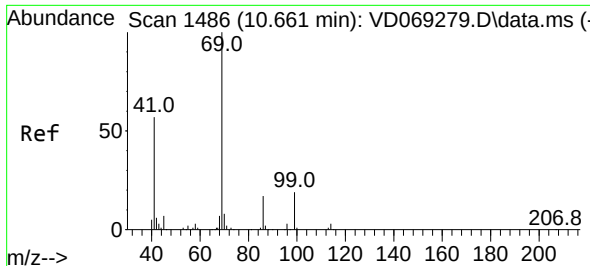


#50
Toluene-d8
Concen: 55.93 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD069323.D
Acq: 03 Jun 2021 14:21



Tgt Ion: 98 Resp: 703326
Ion Ratio Lower Upper
98 100
100 64.4 52.1 78.1

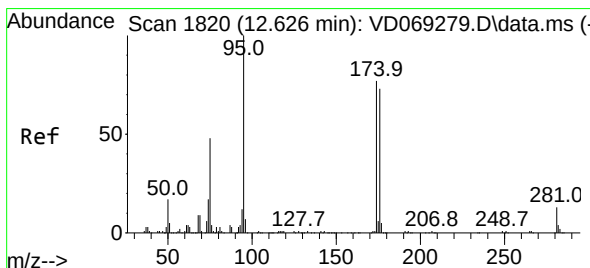
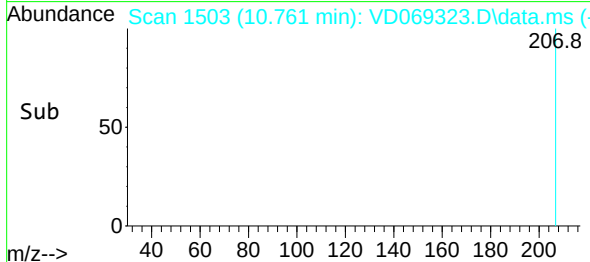
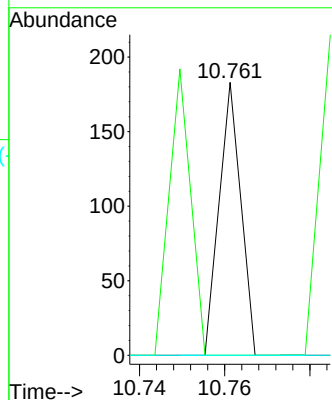
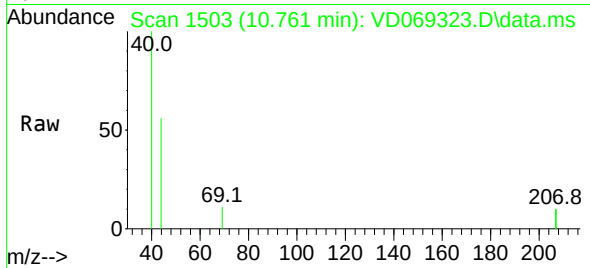




#56
Ethyl methacrylate
Concen: 2.66 ug/l
RT: 10.761 min Scan# 1503
Delta R.T. 0.100 min
Lab File: VD069323.D
Acq: 03 Jun 2021 14:21

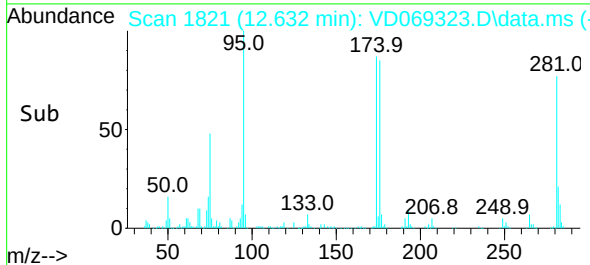
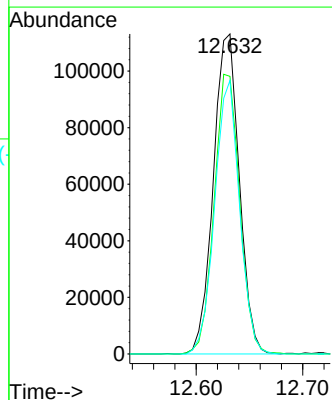
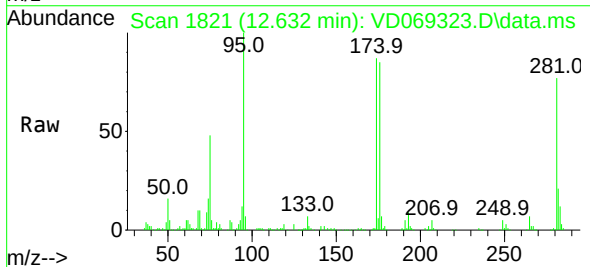
Instrument :
MSVOA_D
ClientSampleId :

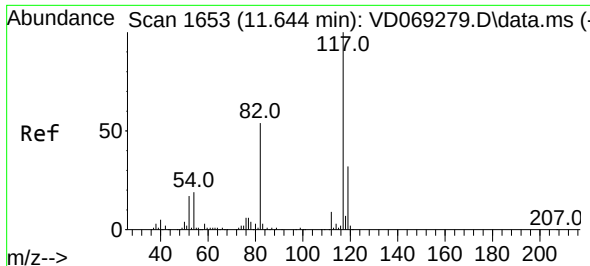
Tgt Ion:	69	Resp:	65
Ion	Ratio	Lower	Upper
69	100		
41	104.6	45.4	68.2#
39	0.0	21.7	32.5#



#62
4-Bromofluorobenzene
Concen: 46.48 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD069323.D
Acq: 03 Jun 2021 14:21

Tgt Ion:	95	Resp:	191517
Ion	Ratio	Lower	Upper
95	100		
174	85.9	0.0	162.8
176	81.7	0.0	154.4

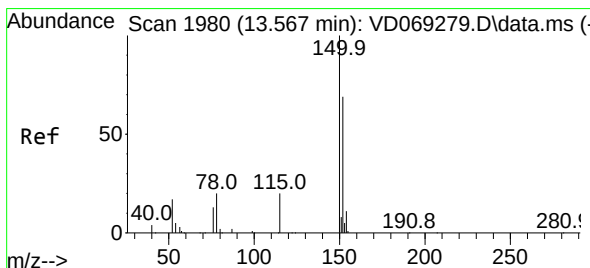
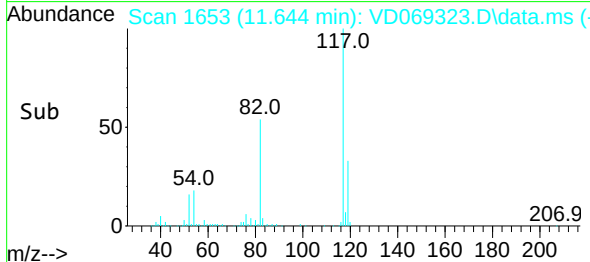
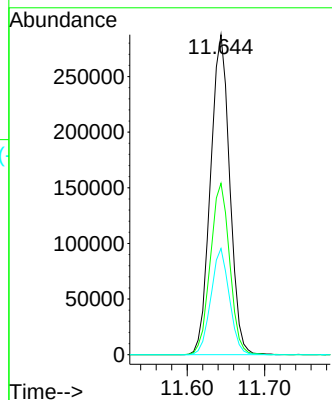
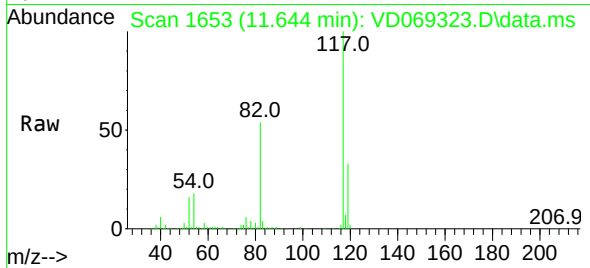




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069323.D
Acq: 03 Jun 2021 14:21

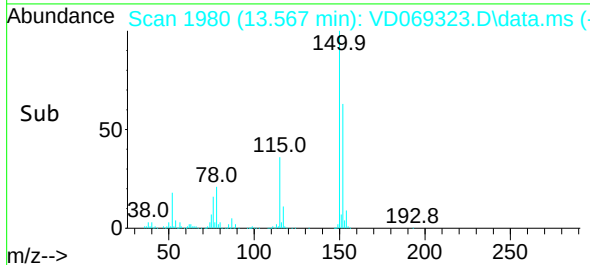
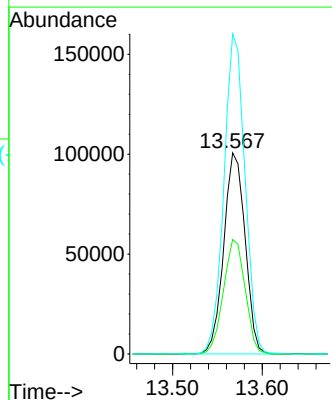
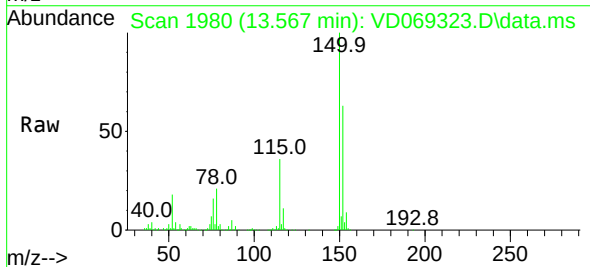
Instrument :
MSVOA_D
ClientSampled :

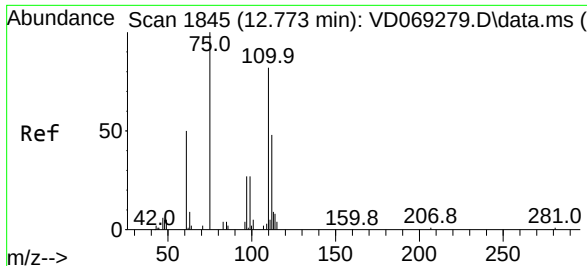
Tgt Ion:117 Resp: 494611
Ion Ratio Lower Upper
117 100
82 53.5 43.3 64.9
119 33.2 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD069323.D
Acq: 03 Jun 2021 14:21

Tgt Ion:152 Resp: 166653
Ion Ratio Lower Upper
152 100
115 57.8 29.4 88.3
150 156.5 0.0 355.0

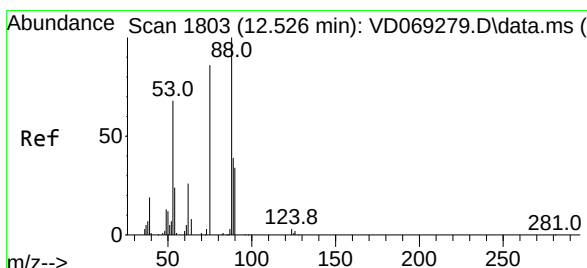
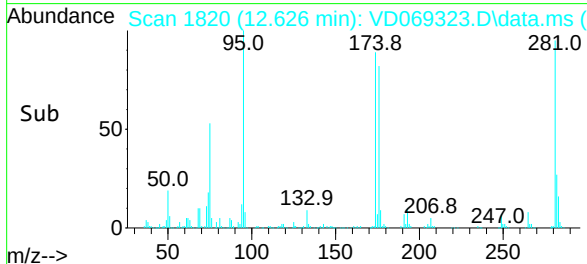
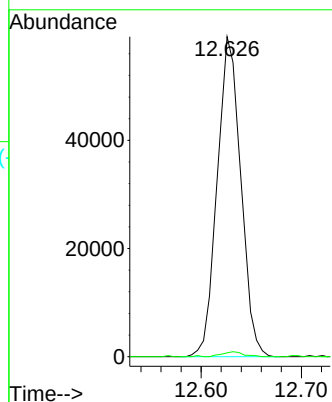
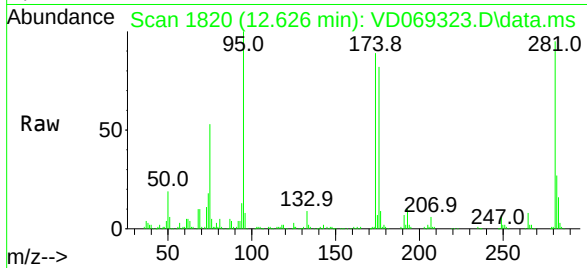




#76
1,2,3-Trichloropropane
Concen: 66.84 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD069323.D
Acq: 03 Jun 2021 14:21

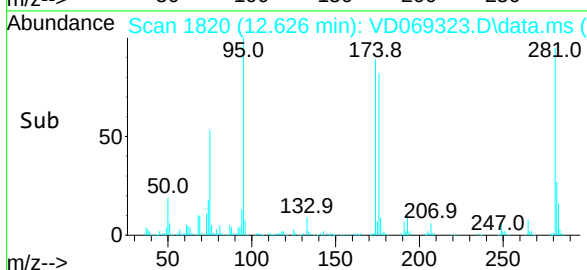
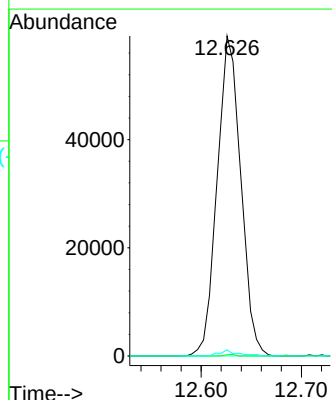
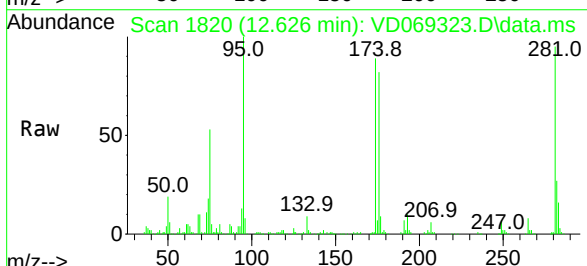
Instrument :
MSVOA_D
ClientSampleId :

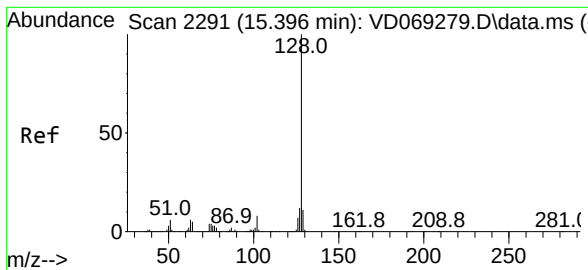
Tgt Ion: 75 Resp: 96776
Ion Ratio Lower Upper
75 100
77 1.4 183.8 551.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 148.11 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069323.D
Acq: 03 Jun 2021 14:21

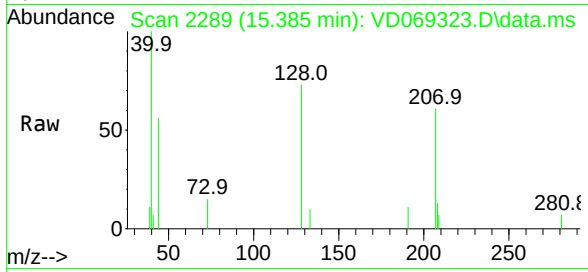
Tgt Ion: 75 Resp: 96776
Ion Ratio Lower Upper
75 100
53 0.2 62.6 94.0#
89 1.4 35.6 53.4#





#95
Naphthalene
Concen: 3.73 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. -0.011 min
Lab File: VD069323.D
Acq: 03 Jun 2021 14:21

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:	128	Resp:	2622
Ion	Ratio	Lower	Upper
128	100		
127	10.0	10.4	15.6#
129	2.1	8.8	13.2#

