

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012221\
 Data File : VD068158.D
 Acq On : 22 Jan 2021 16:44
 Operator : VA/SY
 Sample : M1220-03
 Misc : 5.95G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP1-B

Quant Time: Jan 23 00:00:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

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

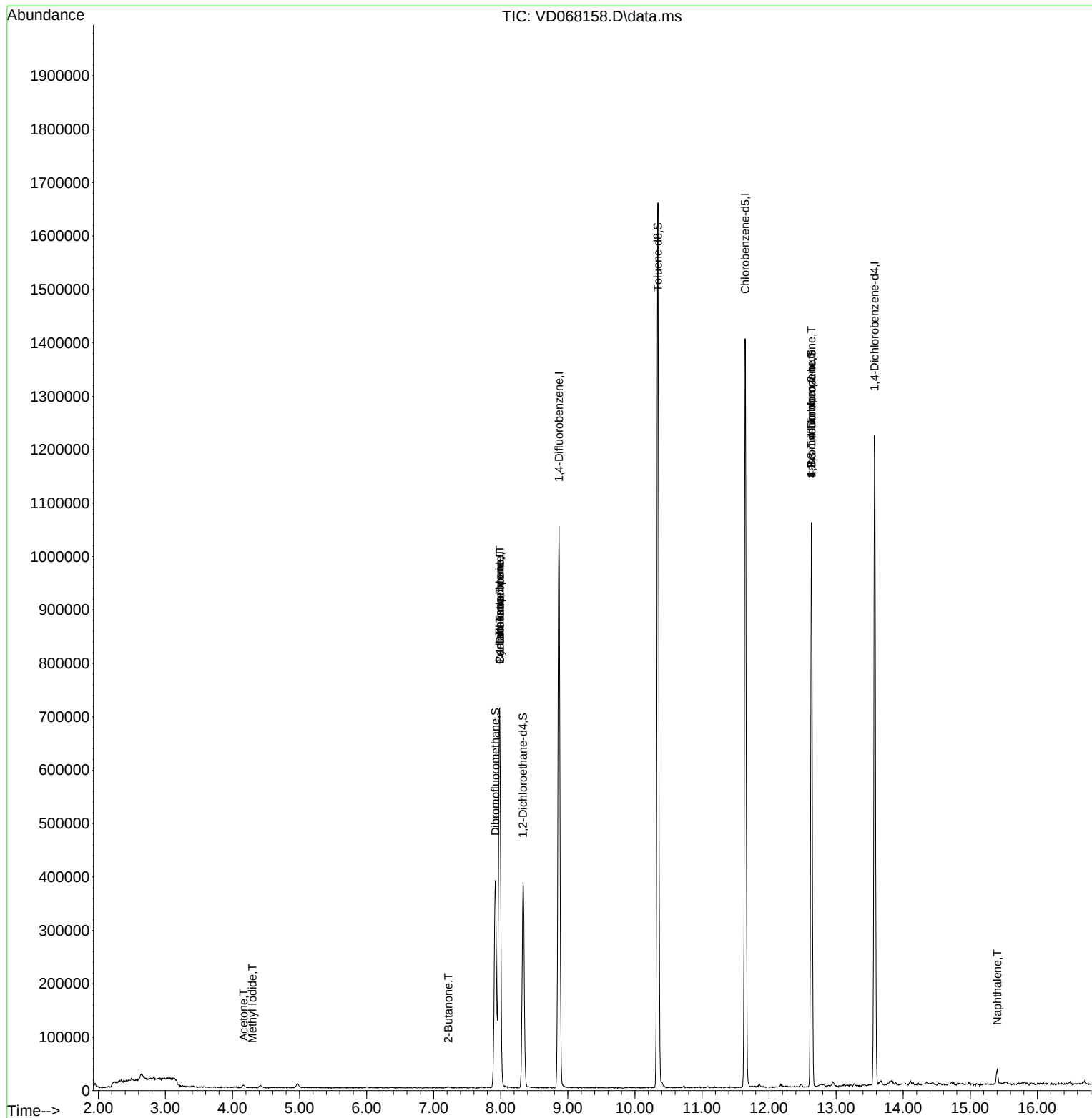
Internal Standards						
1) Pentafluorobenzene	7.985	168	543548	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	952461	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	823519	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	333310	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	309445	59.51	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 119.02%			
35) Dibromofluoromethane	7.920	113	282827	53.71	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.42%			
50) Toluene-d8	10.344	98	1170630	55.58	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 111.16%			
62) 4-Bromofluorobenzene	12.632	95	369635	48.73	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.46%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.297	142	65	3.17	ug/l #	38
11) Tert butyl alcohol	5.209	59	187	Below Cal	#	74
16) Acetone	4.167	43	7255	7.81	ug/l	97
20) Methylene Chloride	4.961	84	6025	Below Cal	#	94
25) 2-Butanone	7.220	43	2270	1.62	ug/l #	43
31) Cyclohexane	7.985	56	12217	1.09	ug/l #	8
36) 1,1-Dichloropropene	7.985	75	44893	4.67	ug/l #	47
38) Carbon Tetrachloride	7.985	117	54527	6.07	ug/l #	15
76) 1,2,3-Trichloropropane	12.632	75	184132	57.14	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	184132	115.62	ug/l #	14
95) Naphthalene	15.402	128	24604	1.95	ug/l	99

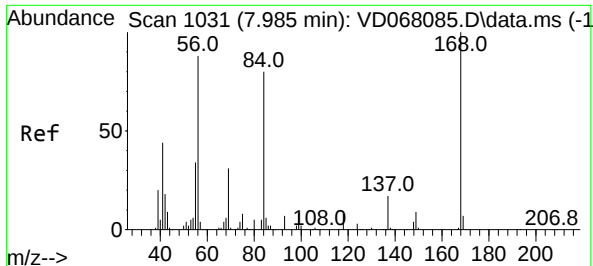
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_D
ClientSampleId :
SP1-B

Quant Time: Jan 23 00:00:19 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
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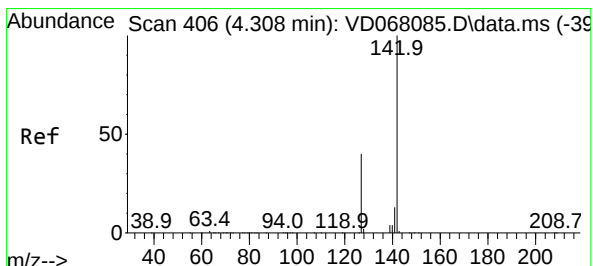
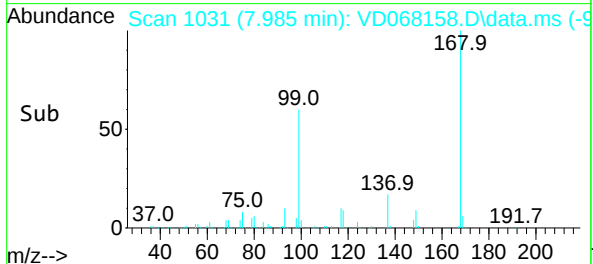
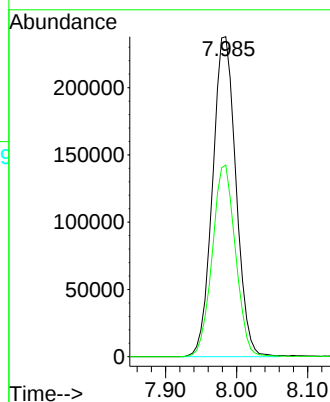
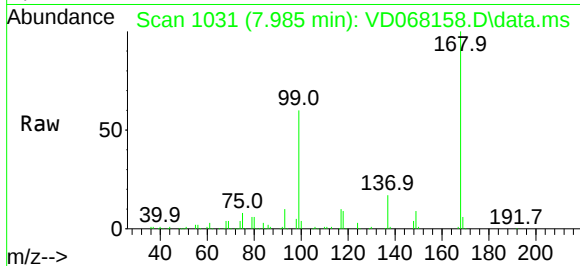




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068158.D
Acq: 22 Jan 2021 16:44

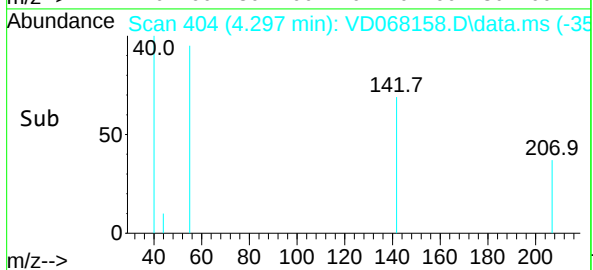
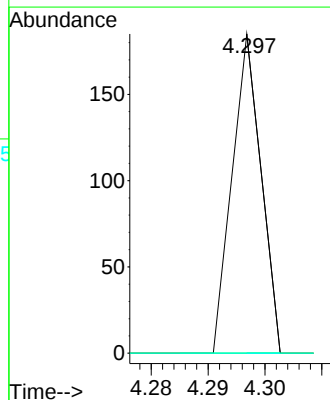
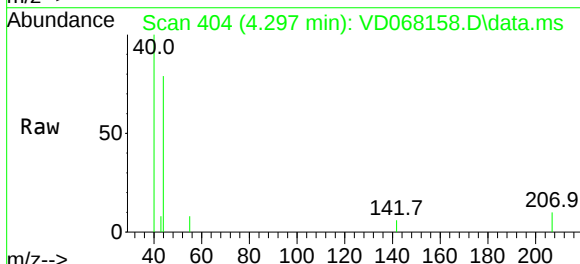
Instrument :
MSVOA_D
ClientSampleId :
SP1-B

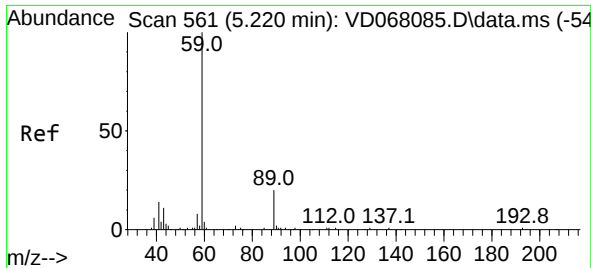
Tgt Ion:168 Resp: 543548
Ion Ratio Lower Upper
168 100
99 59.9 43.5 65.3



#10
Methyl Iodide
Concen: 3.17 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.011 min
Lab File: VD068158.D
Acq: 22 Jan 2021 16:44

Tgt Ion:142 Resp: 65
Ion Ratio Lower Upper
142 100
127 0.0 37.9 56.9#
141 0.0 11.5 17.3#



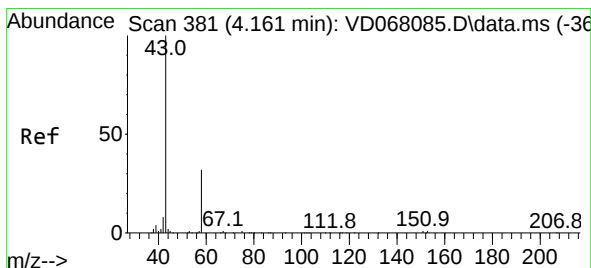
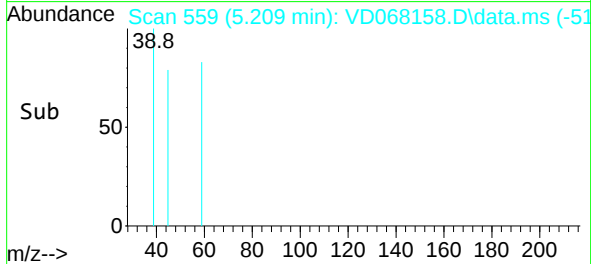
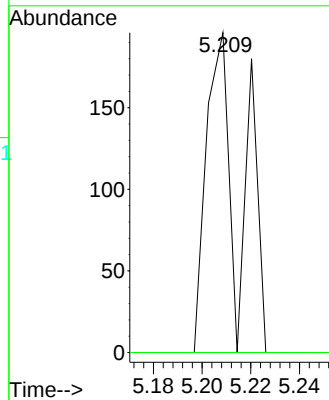
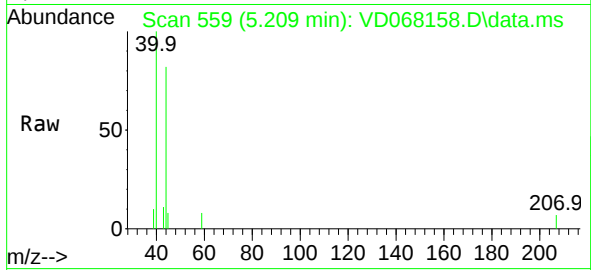


#11

Tert butyl alcohol
Concen: Below Cal
RT: 5.209 min Scan# 559
Delta R.T. -0.011 min
Lab File: VD068158.D
Acq: 22 Jan 2021 16:44

Instrument :
MSVOA_D
ClientSampled :
SP1-B

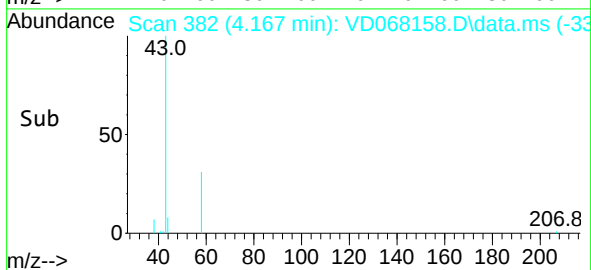
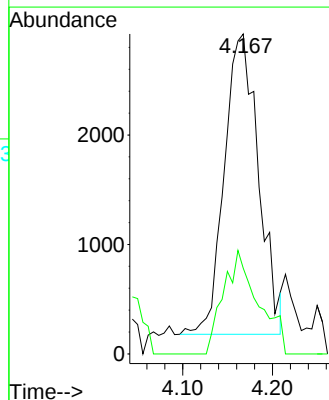
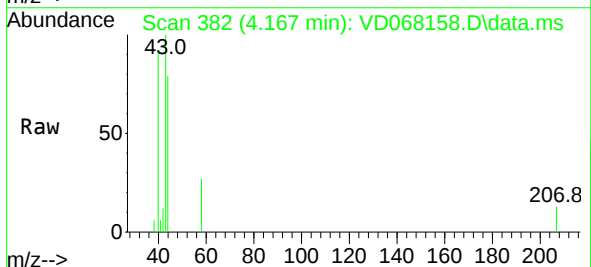
Tgt Ion: 59 Resp: 187
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

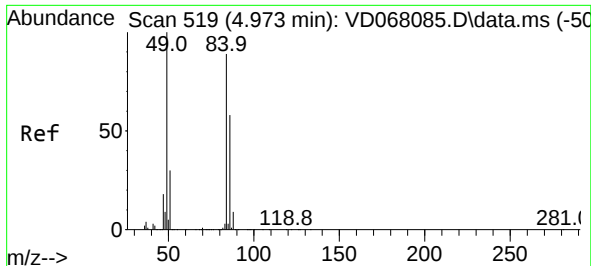


#16

Acetone
Concen: 7.81 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068158.D
Acq: 22 Jan 2021 16:44

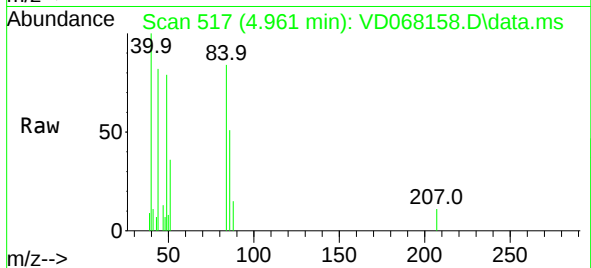
Tgt Ion: 43 Resp: 7255
Ion Ratio Lower Upper
43 100
58 28.5 24.2 36.4



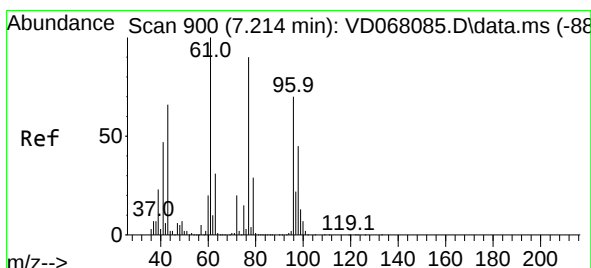
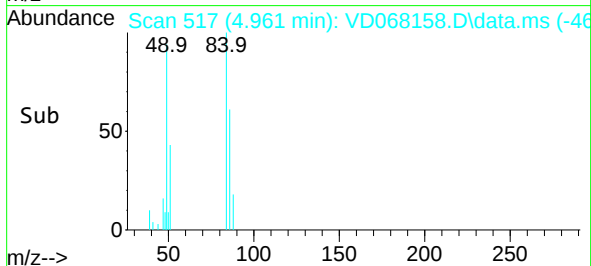
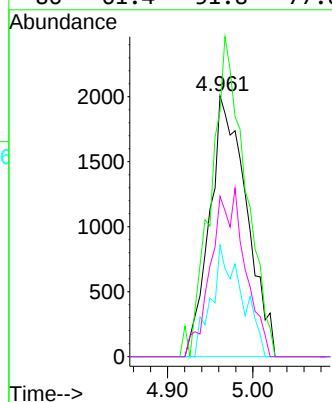


#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. -0.012 min
Lab File: VD068158.D
Acq: 22 Jan 2021 16:44

Instrument :
MSVOA_D
ClientSampleId :
SP1-B

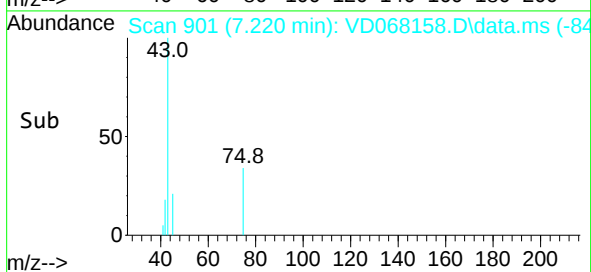
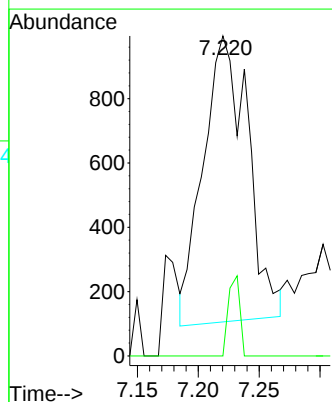
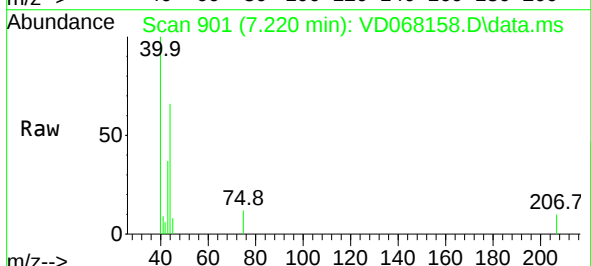


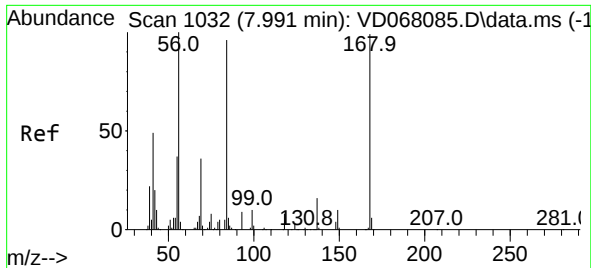
Tgt Ion:	84	Resp:	6025
Ion	Ratio	Lower	Upper
84	100		
49	94.2	77.4	116.2
51	42.8	26.1	39.1#
86	61.4	51.8	77.8



#25
2-Butanone
Concen: 1.62 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.006 min
Lab File: VD068158.D
Acq: 22 Jan 2021 16:44

Tgt Ion:	43	Resp:	2270
Ion	Ratio	Lower	Upper
43	100		
72	0.0	25.1	37.7#

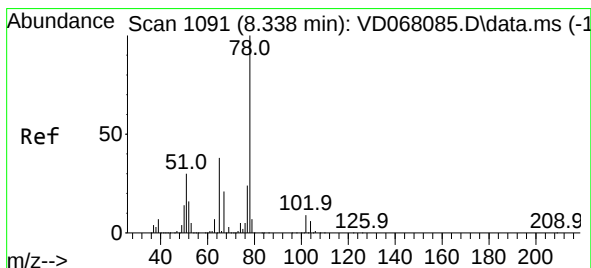
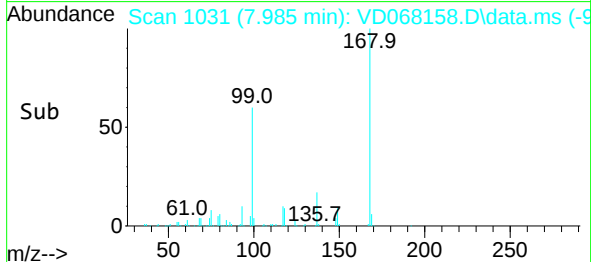
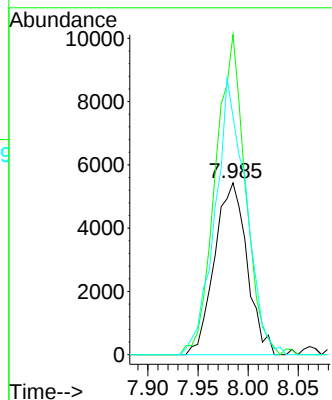
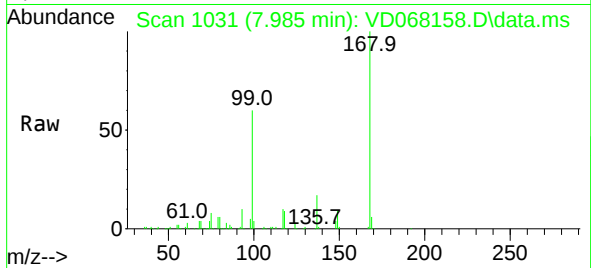




#31
Cyclohexane
Concen: 1.09 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068158.D
Acq: 22 Jan 2021 16:44

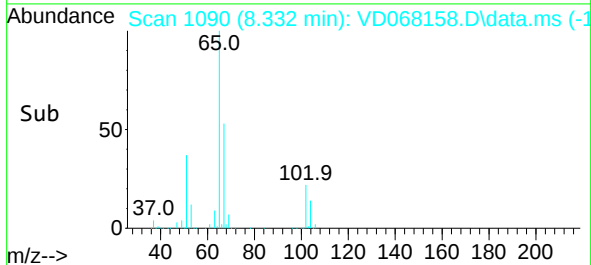
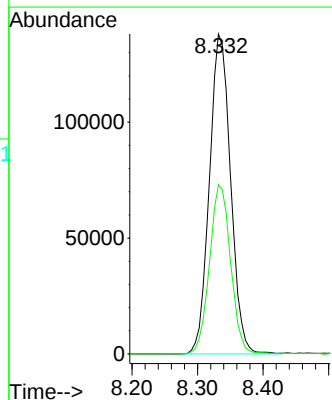
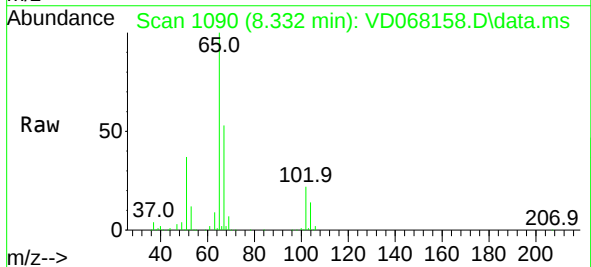
Instrument :
MSVOA_D
ClientSampleId :
SP1-B

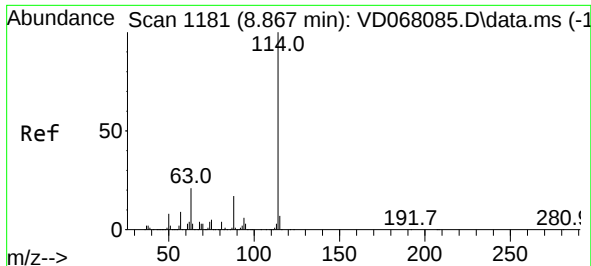
Tgt Ion: 56 Resp: 12217
Ion Ratio Lower Upper
56 100
69 186.2 30.1 45.1#
84 138.6 82.1 123.1#



#33
1,2-Dichloroethane-d4
Concen: 59.51 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068158.D
Acq: 22 Jan 2021 16:44

Tgt Ion: 65 Resp: 309445
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.0

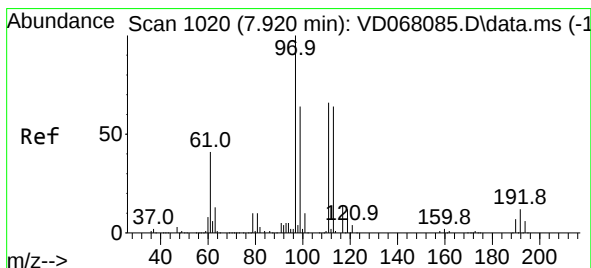
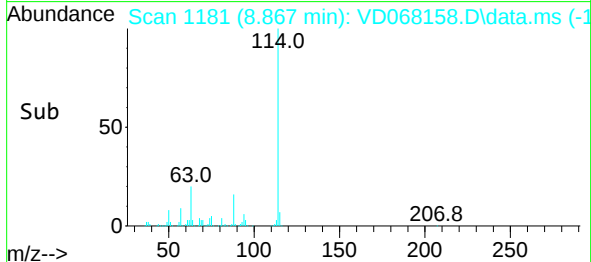
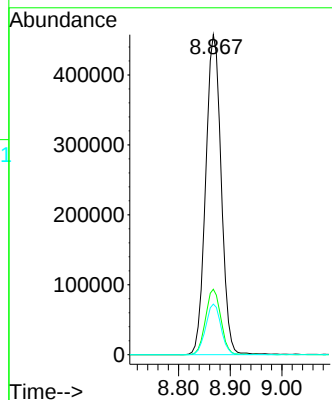
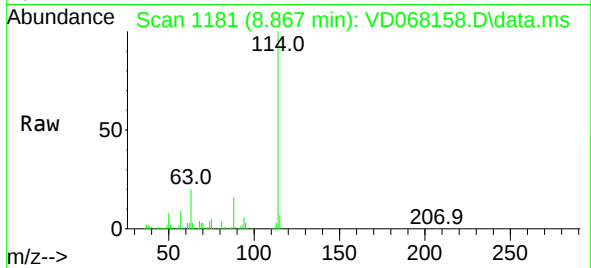




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068158.D
Acq: 22 Jan 2021 16:44

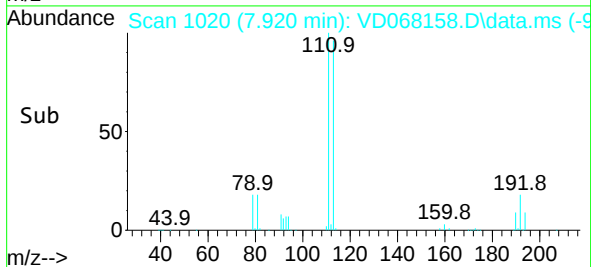
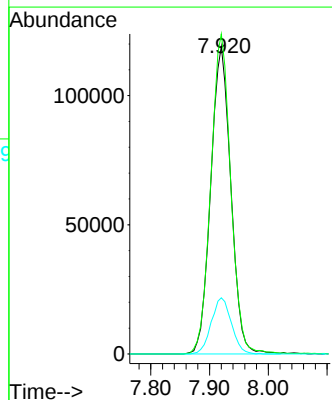
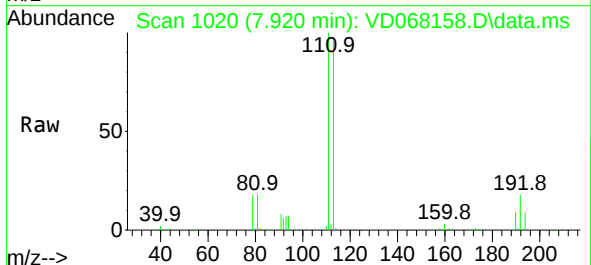
Instrument :
MSVOA_D
ClientSampleId :
SP1-B

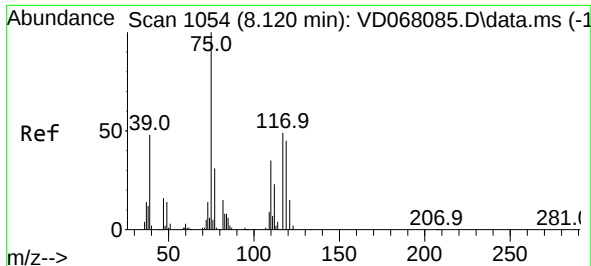
Tgt Ion:114 Resp: 952461
Ion Ratio Lower Upper
114 100
63 20.4 0.0 34.8
88 15.8 0.0 31.6



#35
Dibromofluoromethane
Concen: 53.71 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068158.D
Acq: 22 Jan 2021 16:44

Tgt Ion:113 Resp: 282827
Ion Ratio Lower Upper
113 100
111 103.2 81.4 122.0
192 18.2 16.1 24.1

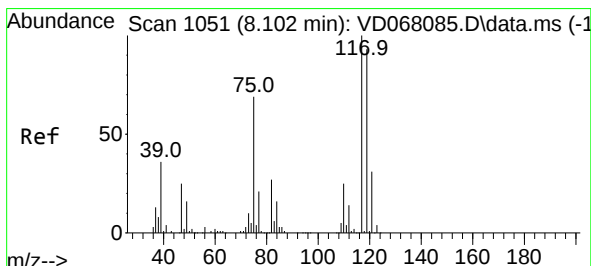
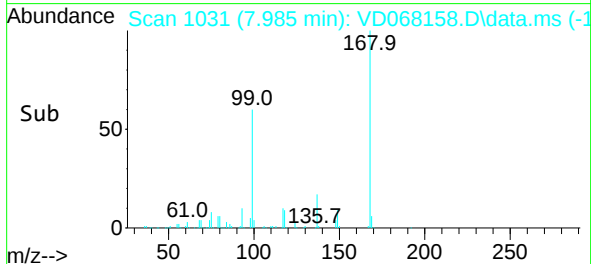
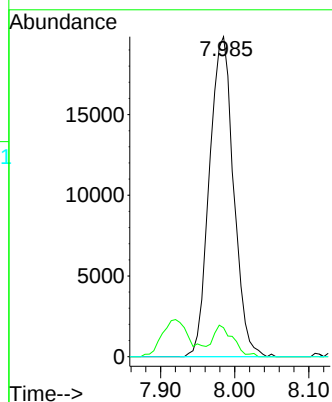
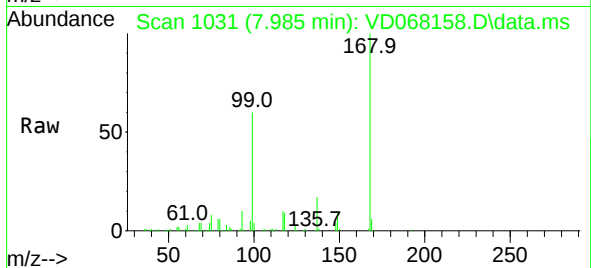




#36
1,1-Dichloropropene
Concen: 4.67 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.135 min
Lab File: VD068158.D
Acq: 22 Jan 2021 16:44

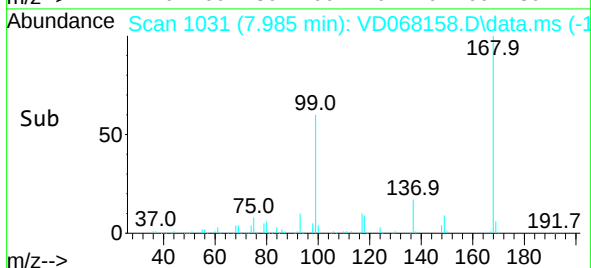
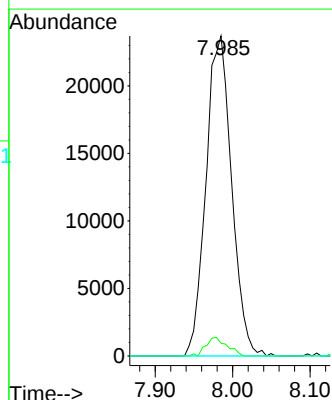
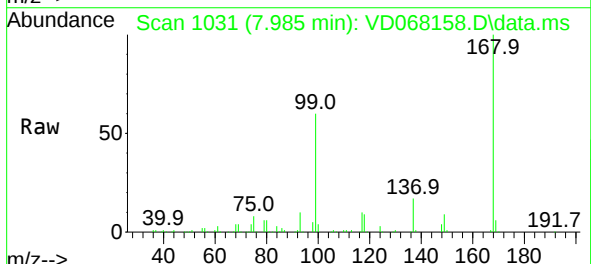
Instrument :
MSVOA_D
ClientSampleId :
SP1-B

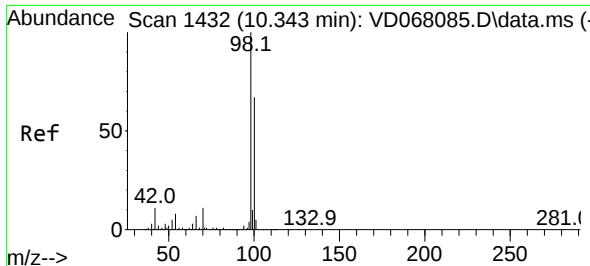
Tgt Ion: 75 Resp: 44893
Ion Ratio Lower Upper
75 100
110 8.2 19.4 58.2#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.07 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.117 min
Lab File: VD068158.D
Acq: 22 Jan 2021 16:44

Tgt Ion: 117 Resp: 54527
Ion Ratio Lower Upper
117 100
119 4.0 77.3 115.9#
121 0.0 24.7 37.1#

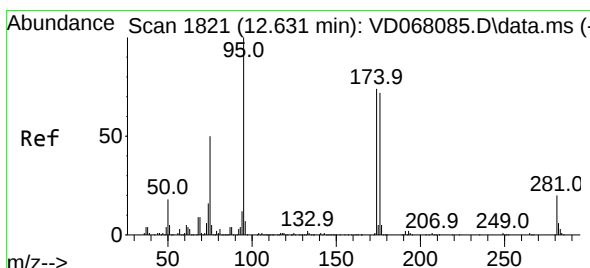
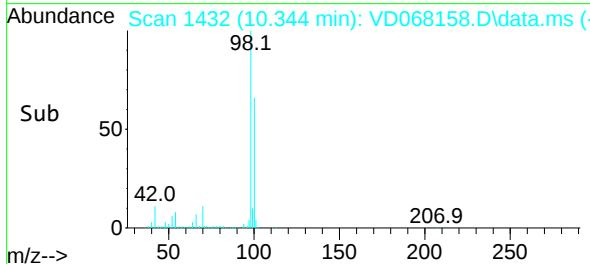
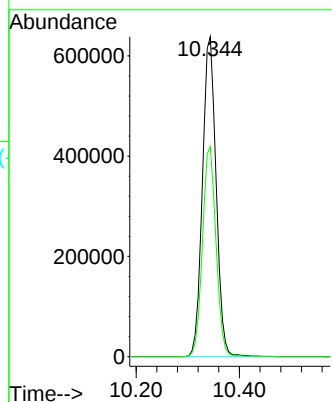
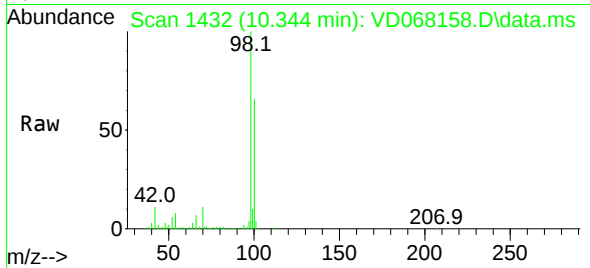




#50
Toluene-d8
Concen: 55.58 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068158.D
Acq: 22 Jan 2021 16:44

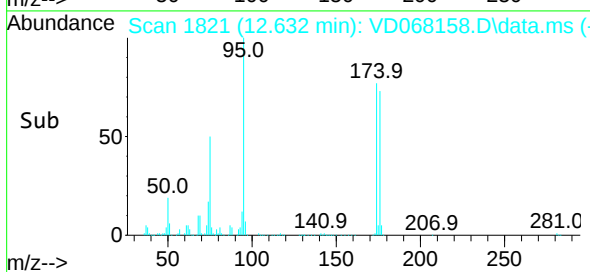
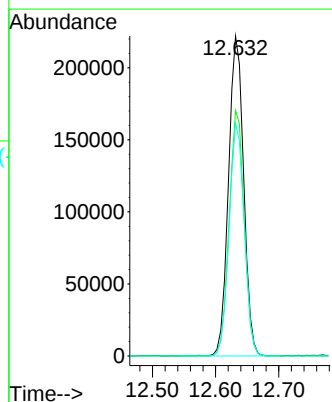
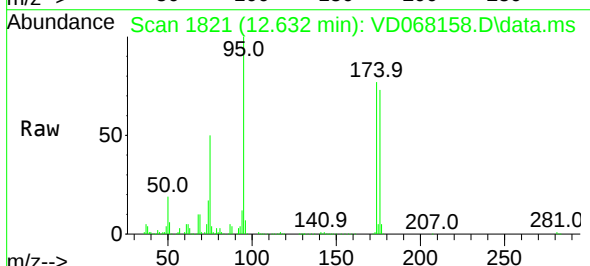
Instrument :
MSVOA_D
ClientSampleId :
SP1-B

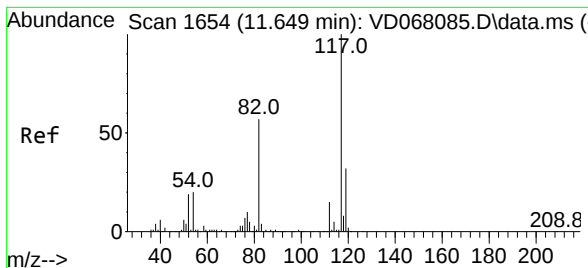
Tgt Ion: 98 Resp: 1170630
Ion Ratio Lower Upper
98 100
100 65.1 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 48.73 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068158.D
Acq: 22 Jan 2021 16:44

Tgt Ion: 95 Resp: 369635
Ion Ratio Lower Upper
95 100
174 76.1 0.0 172.4
176 72.3 0.0 168.4

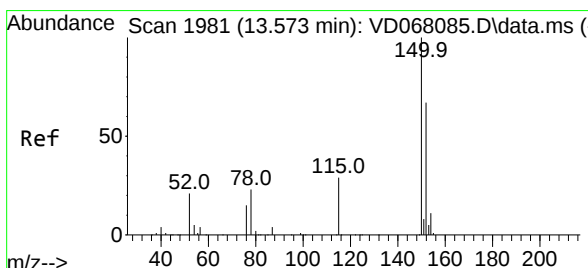
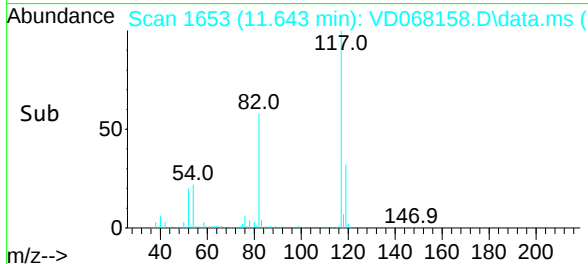
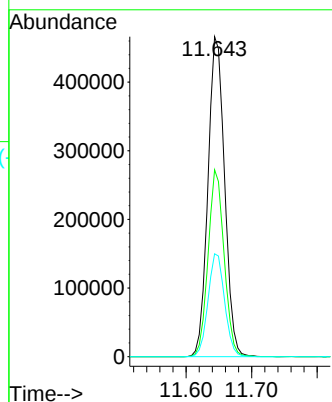
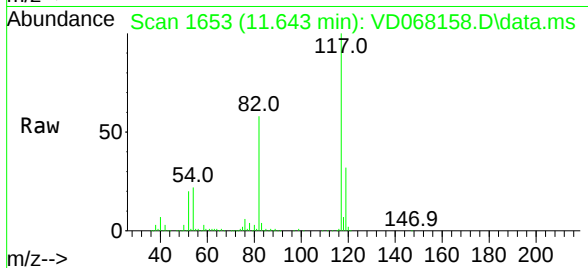




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068158.D
Acq: 22 Jan 2021 16:44

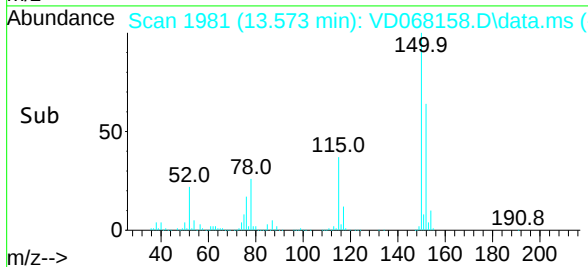
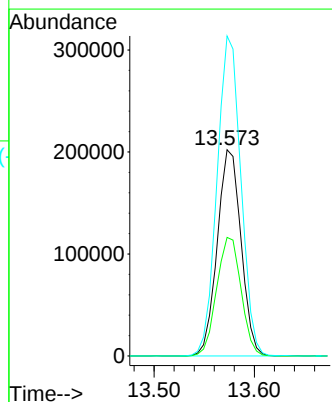
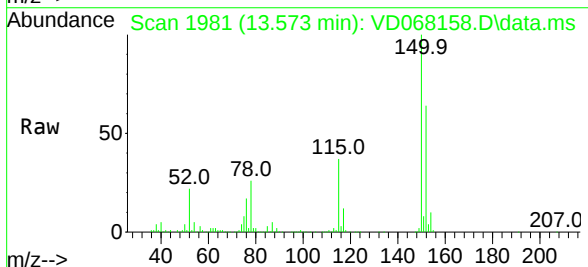
Instrument :
MSVOA_D
ClientSampleId :
SP1-B

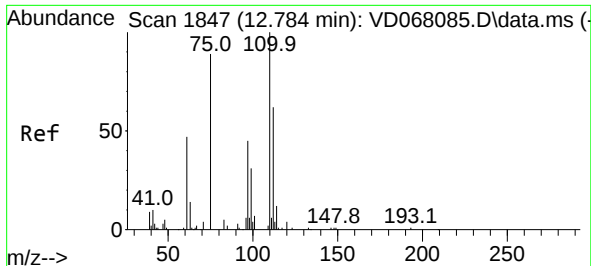
Tgt Ion:117 Resp: 823519
Ion Ratio Lower Upper
117 100
82 58.4 41.4 62.0
119 32.1 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068158.D
Acq: 22 Jan 2021 16:44

Tgt Ion:152 Resp: 333310
Ion Ratio Lower Upper
152 100
115 58.9 28.9 86.8
150 155.5 0.0 344.4

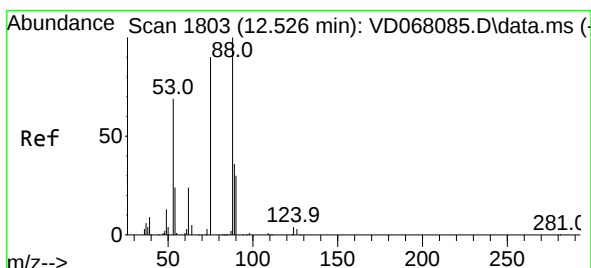
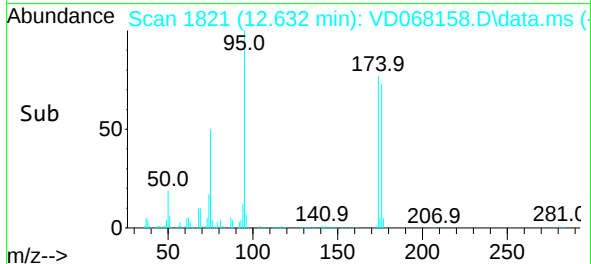
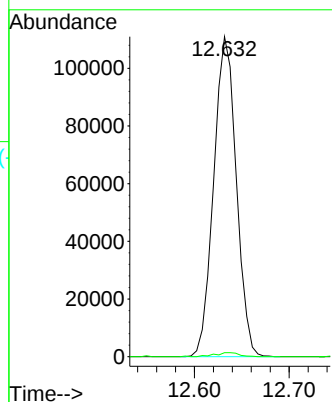
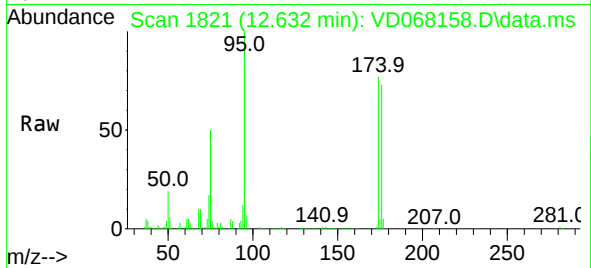




#76
1,2,3-Trichloropropane
Concen: 57.14 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068158.D
Acq: 22 Jan 2021 16:44

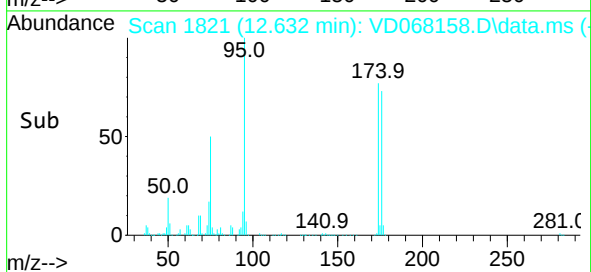
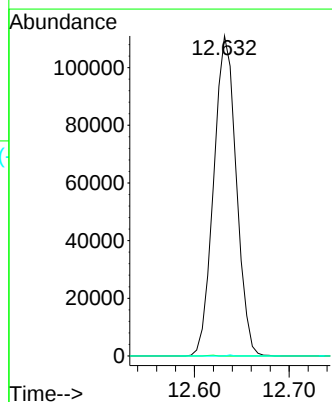
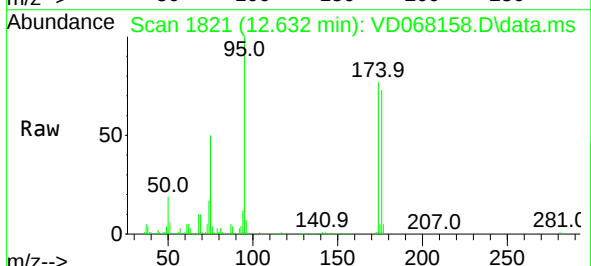
Instrument :
MSVOA_D
ClientSampleId :
SP1-B

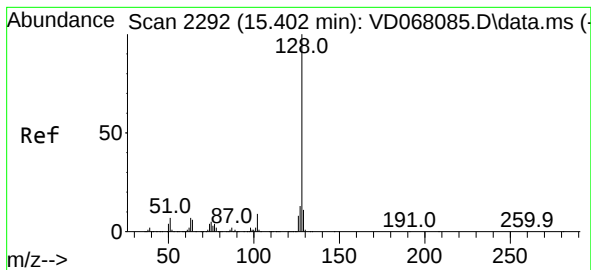
Tgt Ion: 75 Resp: 184132
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 115.62 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068158.D
Acq: 22 Jan 2021 16:44

Tgt Ion: 75 Resp: 184132
Ion Ratio Lower Upper
75 100
53 0.1 70.2 105.2#
89 0.1 40.3 60.5#





#95
Naphthalene
Concen: 1.95 ug/l
RT: 15.402 min Scan# 2292
Delta R.T. 0.000 min
Lab File: VD068158.D
Acq: 22 Jan 2021 16:44

Instrument :
MSVOA_D
ClientSampleId :
SP1-B

Tgt Ion:128 Resp: 24604
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 11.0 8.8 13.2

