

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032621\
 Data File : VD068680.D
 Acq On : 26 Mar 2021 13:15
 Operator : VA/SY
 Sample : M1810-02
 Misc : 7.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 600486548-BIN-1

Quant Time: Mar 27 00:43:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 20 02:00:55 2021
 Response via : Initial Calibration

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

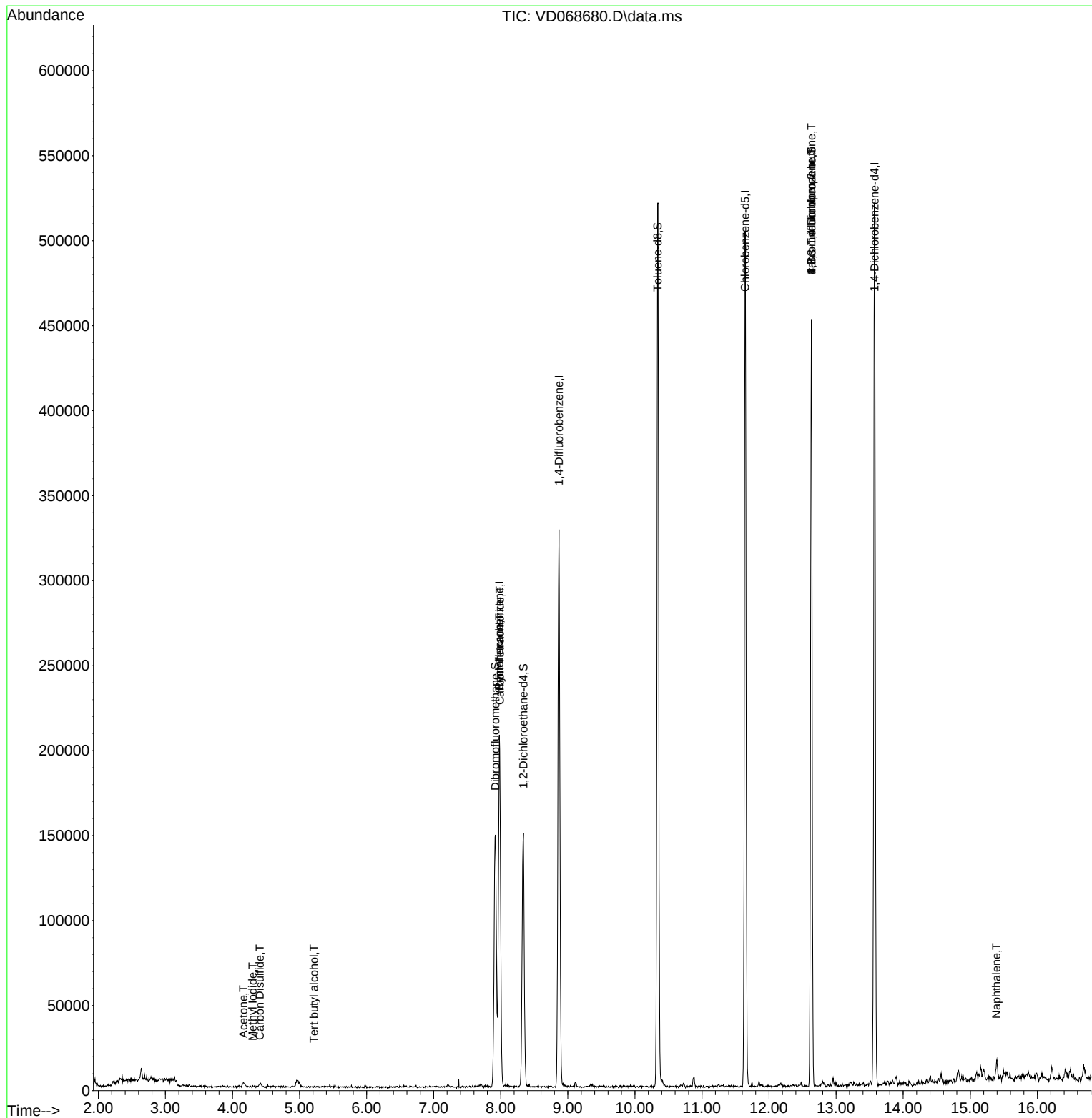
Internal Standards						
1) Pentafluorobenzene	7.979	168	153967	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	297194	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	301562	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	139493	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	119352	76.88	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 153.76%			
35) Dibromofluoromethane	7.920	113	111042	60.05	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 120.10%			
50) Toluene-d8	10.338	98	371048	52.05	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.10%			
62) 4-Bromofluorobenzene	12.632	95	133651	57.82	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 115.64%			
Target Compounds						Qvalue
10) Methyl Iodide	4.303	142	189	3.59	ug/l #	41
11) Tert butyl alcohol	5.214	59	80	1.12	ug/l #	73
16) Acetone	4.161	43	4341	23.05	ug/l #	87
17) Carbon Disulfide	4.409	76	4072	1.04	ug/l #	75
20) Methylene Chloride	4.973	84	3555	Below Cal	#	88
31) Cyclohexane	7.979	56	3618	1.44	ug/l #	52
38) Carbon Tetrachloride	7.985	117	14941	5.64	ug/l #	14
76) 1,2,3-Trichloropropane	12.632	75	68289	58.82	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	68289	133.82	ug/l #	16
95) Naphthalene	15.390	128	9627	2.22	ug/l #	92

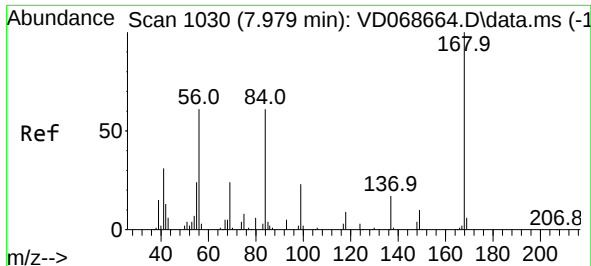
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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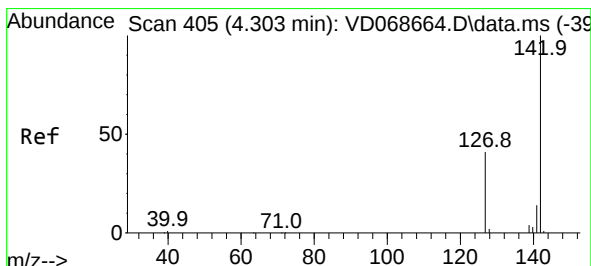
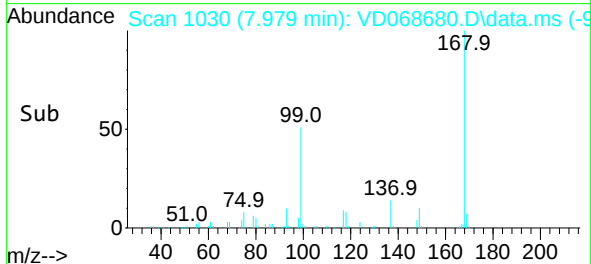
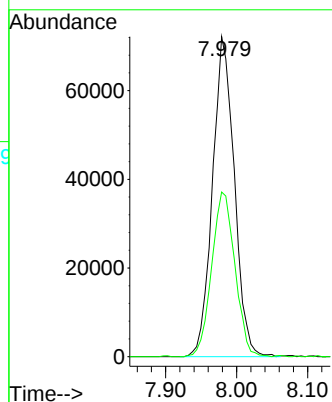
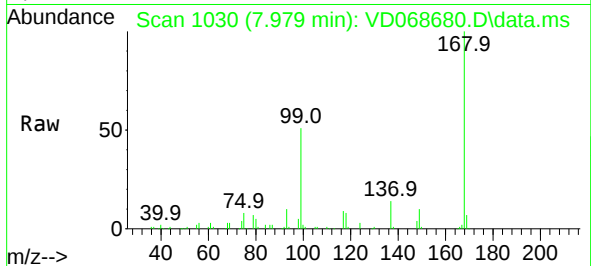




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD068680.D
Acq: 26 Mar 2021 13:15

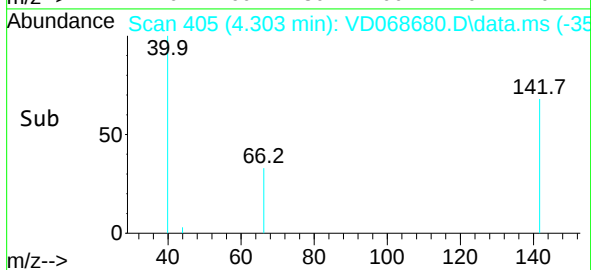
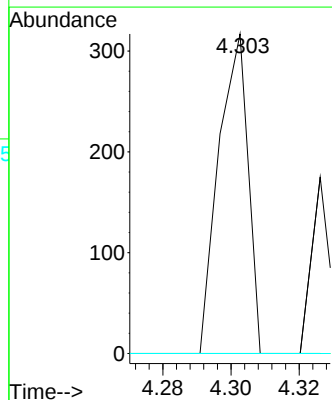
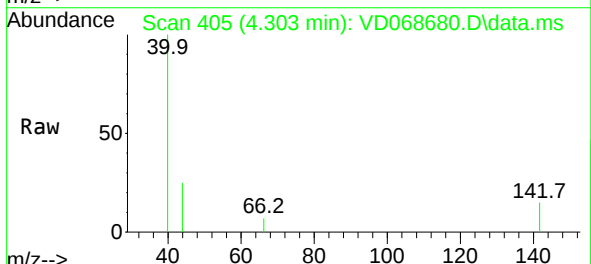
Instrument :
MSVOA_D
ClientSampleId :
600486548-BIN-1

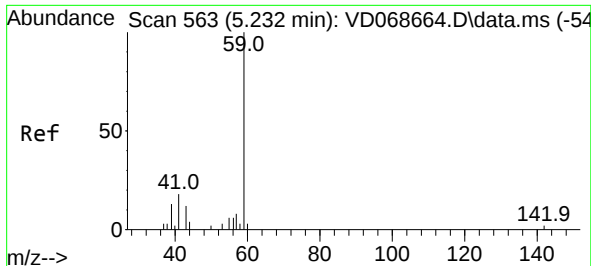
Tgt Ion:168 Resp: 153967
Ion Ratio Lower Upper
168 100
99 51.4 46.2 69.2



#10
Methyl Iodide
Concen: 3.59 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD068680.D
Acq: 26 Mar 2021 13:15

Tgt Ion:142 Resp: 189
Ion Ratio Lower Upper
142 100
127 0.0 34.7 52.1#
141 0.0 11.0 16.4#

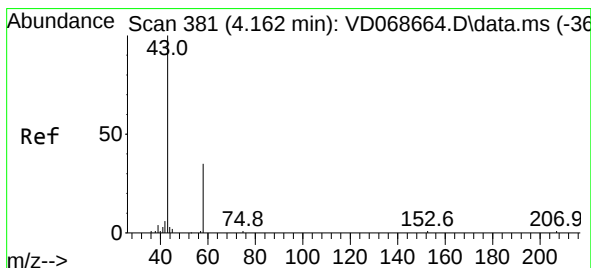
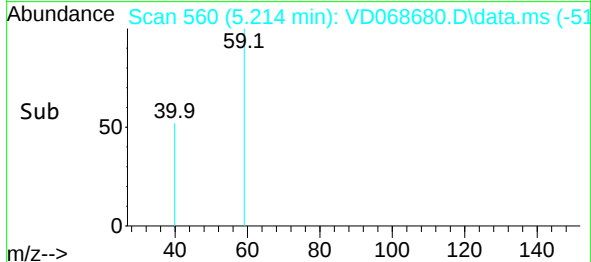
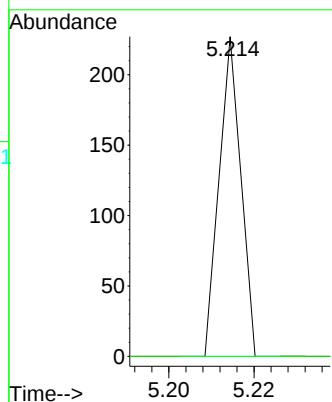
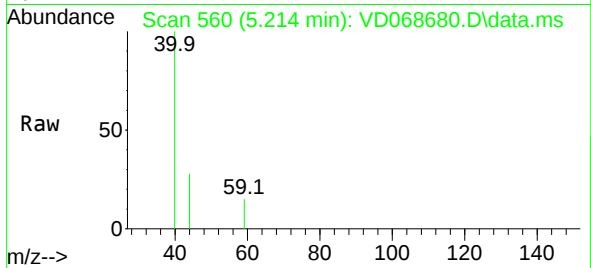




#11
Tert butyl alcohol
Concen: 1.12 ug/l
RT: 5.214 min Scan# 560
Delta R.T. -0.018 min
Lab File: VD068680.D
Acq: 26 Mar 2021 13:15

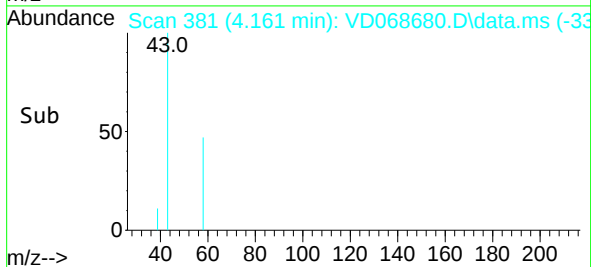
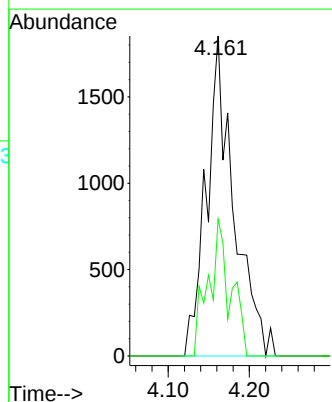
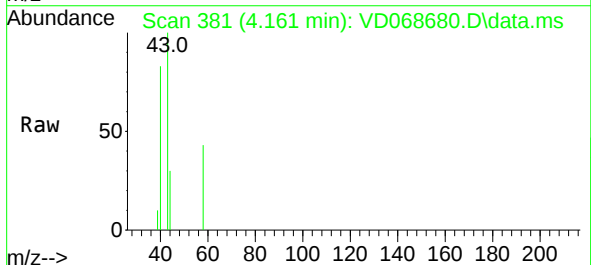
Instrument :
MSVOA_D
ClientSampleId :
600486548-BIN-1

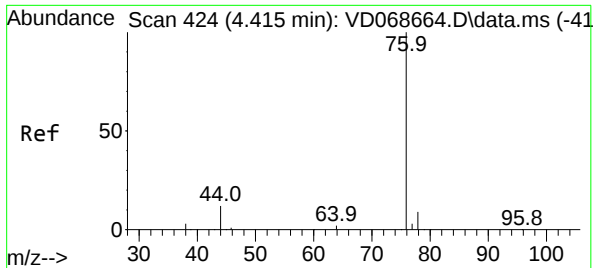
Tgt Ion: 59 Resp: 80
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 23.05 ug/l
RT: 4.161 min Scan# 381
Delta R.T. -0.000 min
Lab File: VD068680.D
Acq: 26 Mar 2021 13:15

Tgt Ion: 43 Resp: 4341
Ion Ratio Lower Upper
43 100
58 42.8 28.0 42.0#

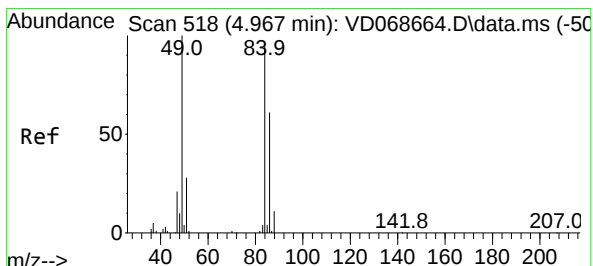
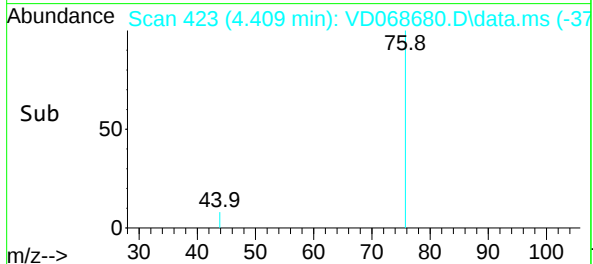
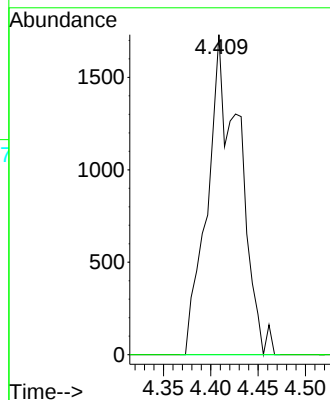
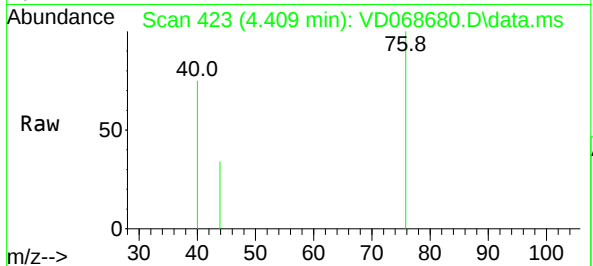




#17
Carbon Disulfide
Concen: 1.04 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.006 min
Lab File: VD068680.D
Acq: 26 Mar 2021 13:15

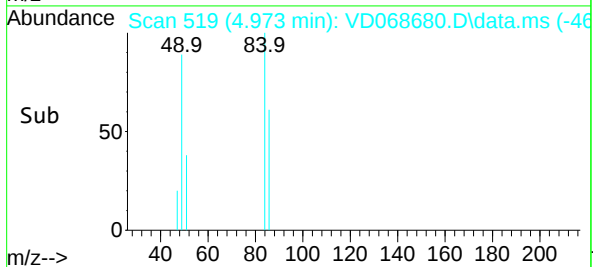
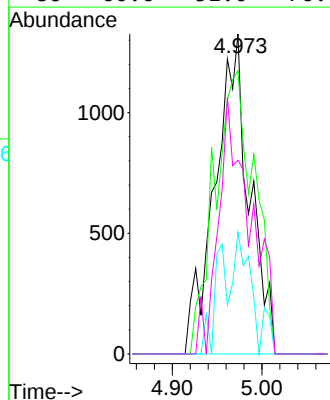
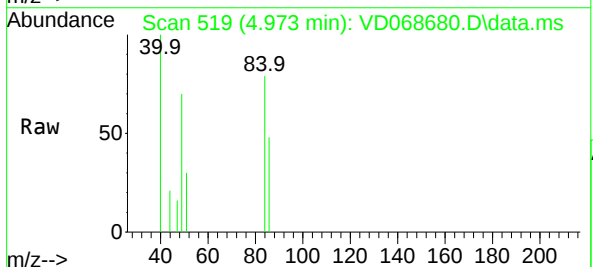
Instrument :
MSVOA_D
ClientSampleId :
600486548-BIN-1

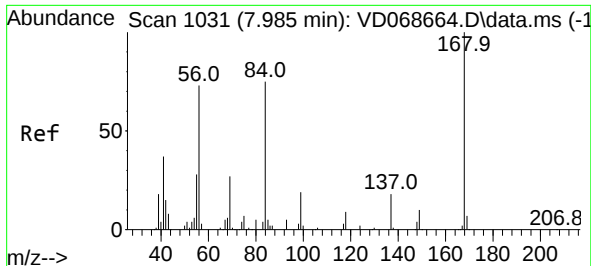
Tgt Ion: 76 Resp: 4072
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.006 min
Lab File: VD068680.D
Acq: 26 Mar 2021 13:15

Tgt Ion: 84 Resp: 3555
Ion Ratio Lower Upper
84 100
49 88.5 83.4 125.0
51 38.0 23.4 35.2#
86 60.6 51.0 76.4

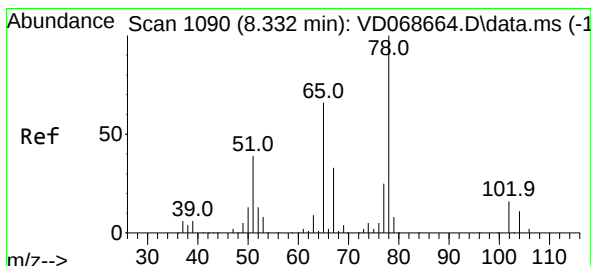
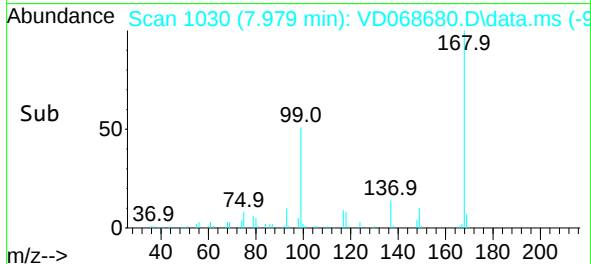
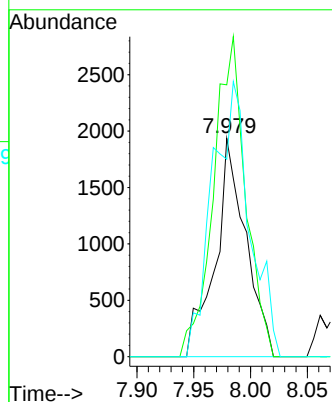
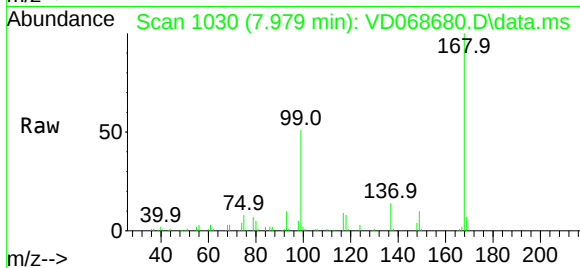




#31
Cyclohexane
Concen: 1.44 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068680.D
Acq: 26 Mar 2021 13:15

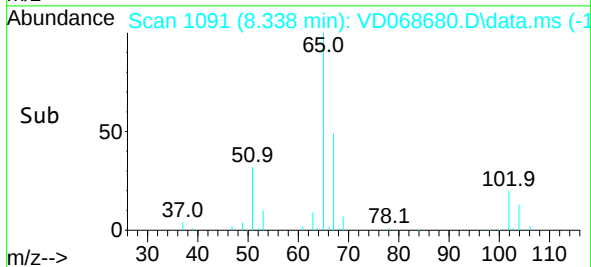
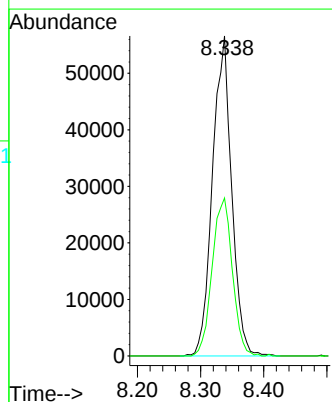
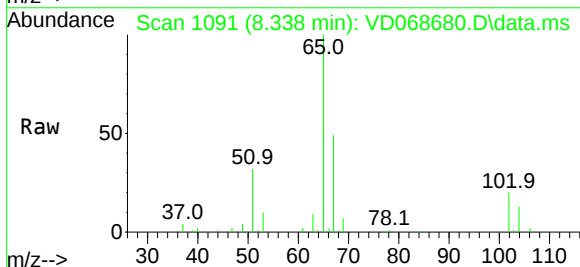
Instrument :
MSVOA_D
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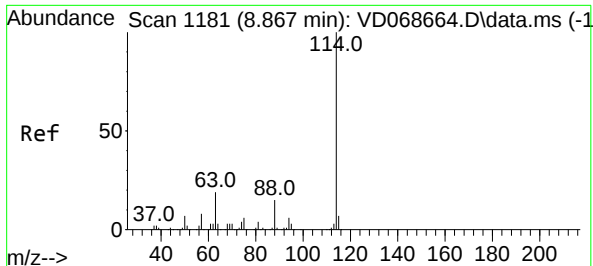
Tgt Ion: 56 Resp: 3618
Ion Ratio Lower Upper
56 100
69 124.5 30.0 45.0#
84 90.5 82.0 123.0



#33
1,2-Dichloroethane-d4
Concen: 76.88 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VD068680.D
Acq: 26 Mar 2021 13:15

Tgt Ion: 65 Resp: 119352
Ion Ratio Lower Upper
65 100
67 52.0 0.0 106.0



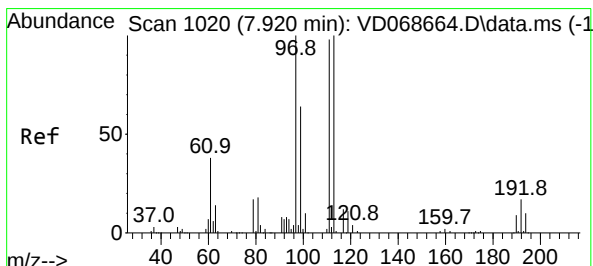
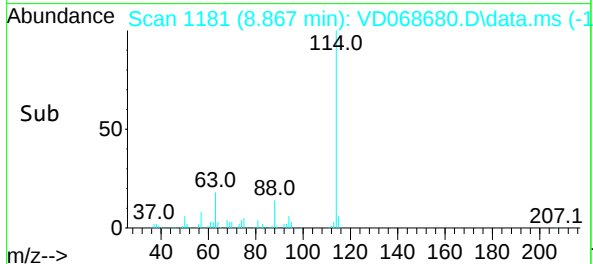
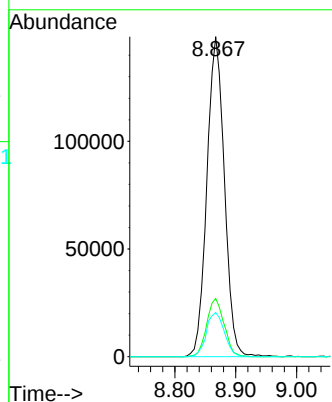
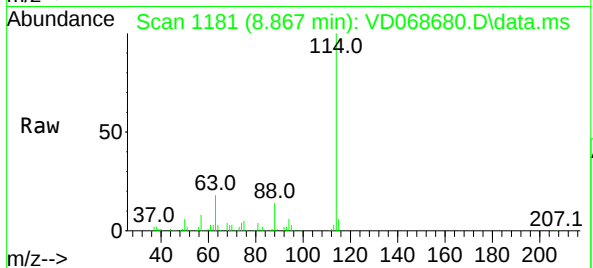


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD068680.D
Acq: 26 Mar 2021 13:15

Instrument :
MSVOA_D
ClientSampleId :
600486548-BIN-1

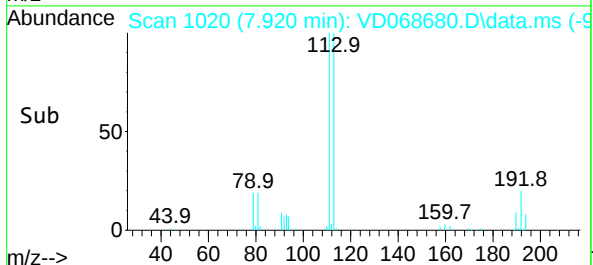
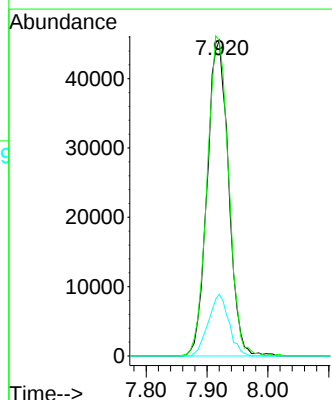
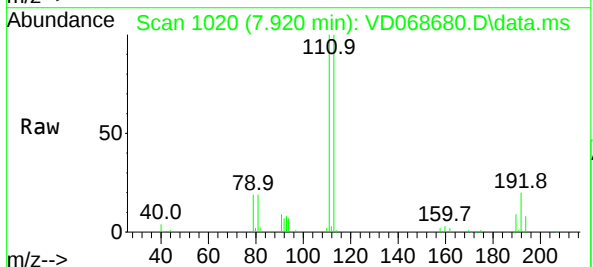
Tgt Ion:	114	Resp:	297194
Ion Ratio	Lower	Upper	
114	100		
63	18.2	0.0	38.2
88	13.8	0.0	29.4

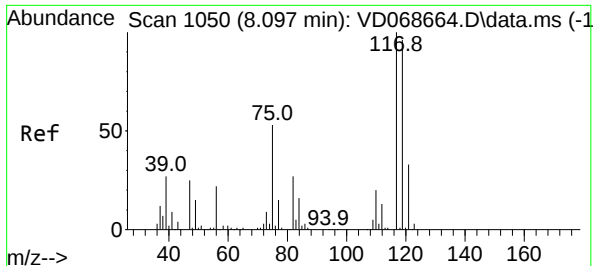


#35

Dibromofluoromethane
Concen: 60.05 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. -0.000 min
Lab File: VD068680.D
Acq: 26 Mar 2021 13:15

Tgt Ion:	113	Resp:	111042
Ion Ratio	Lower	Upper	
113	100		
111	102.1	82.5	123.7
192	18.8	15.1	22.7





#38

Carbon Tetrachloride

Concen: 5.64 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.112 min

Lab File: VD068680.D

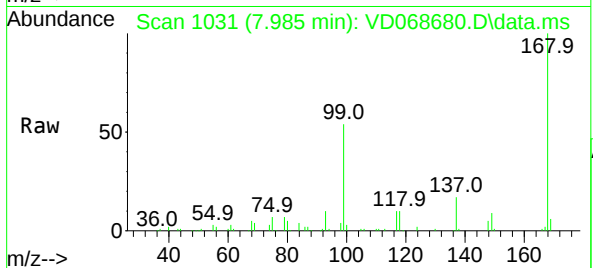
Acq: 26 Mar 2021 13:15

Instrument :

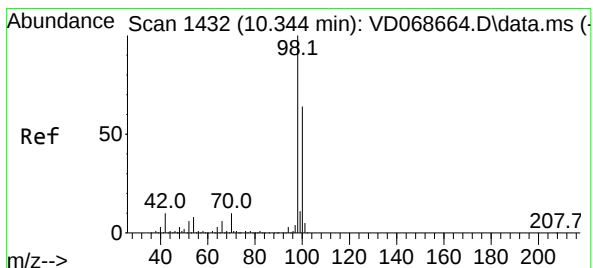
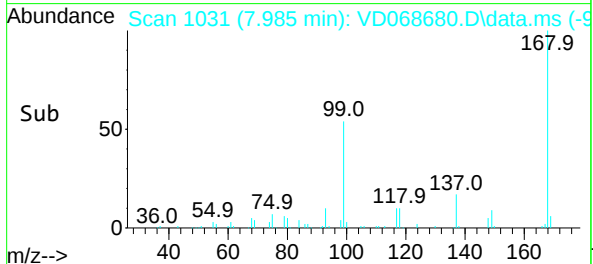
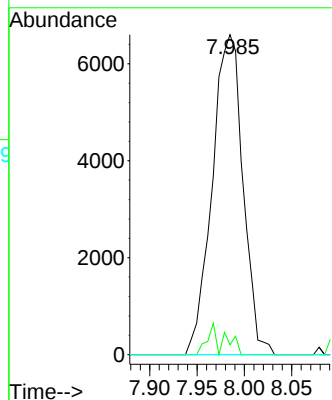
MSVOA_D

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Tgt Ion:	117	Resp:	14941
Ion Ratio	Lower	Upper	
117	100		
119	3.1	76.6	115.0#
121	0.0	26.1	39.1#



#50

Toluene-d8

Concen: 52.05 ug/l

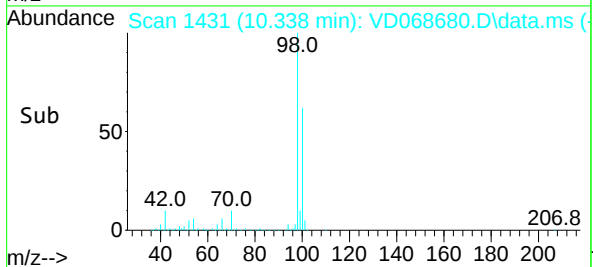
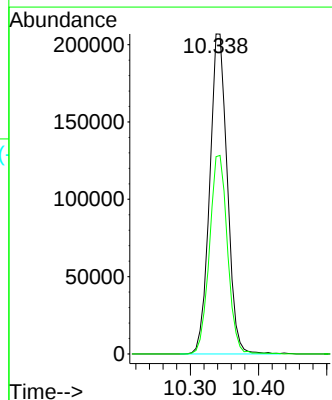
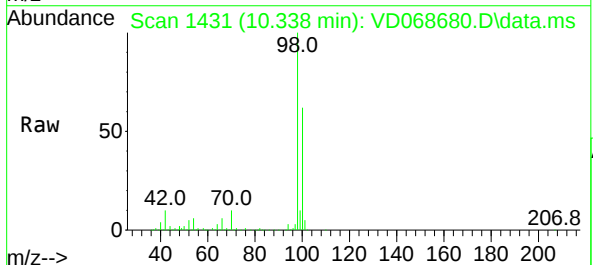
RT: 10.338 min Scan# 1431

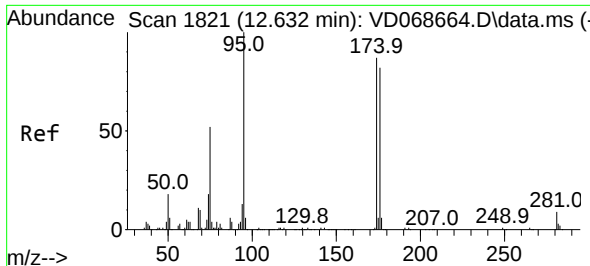
Delta R.T. -0.006 min

Lab File: VD068680.D

Acq: 26 Mar 2021 13:15

Tgt Ion:	98	Resp:	371048
Ion Ratio	Lower	Upper	
98	100		
100	63.6	51.8	77.6

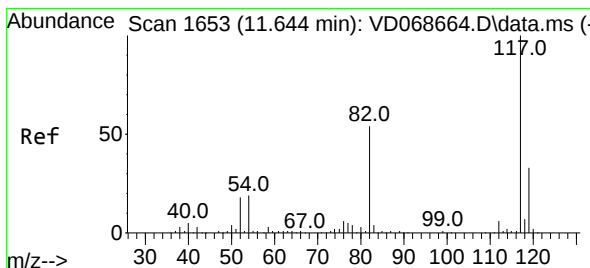
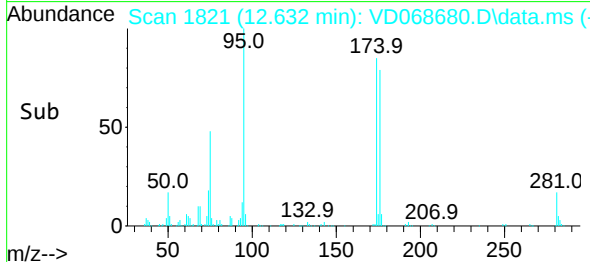
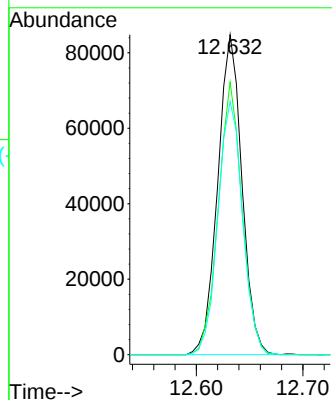
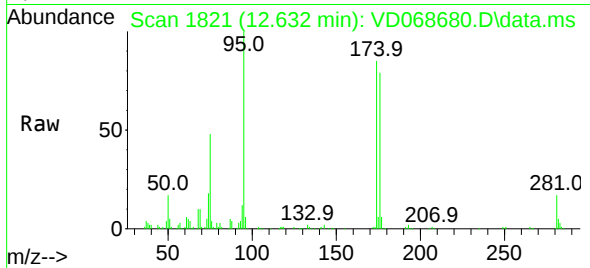




#62
4-Bromofluorobenzene
Concen: 57.82 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068680.D
Acq: 26 Mar 2021 13:15

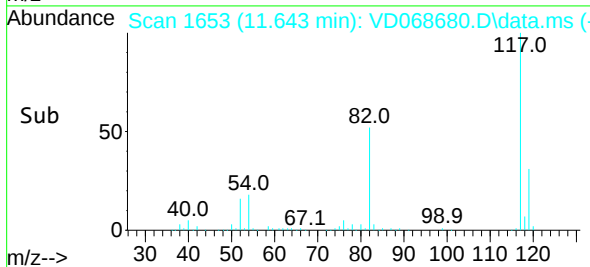
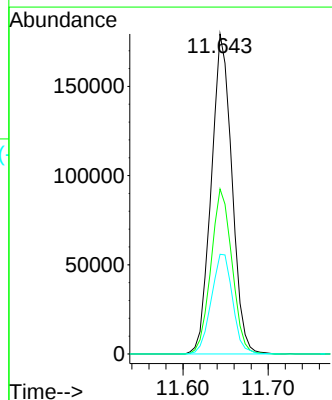
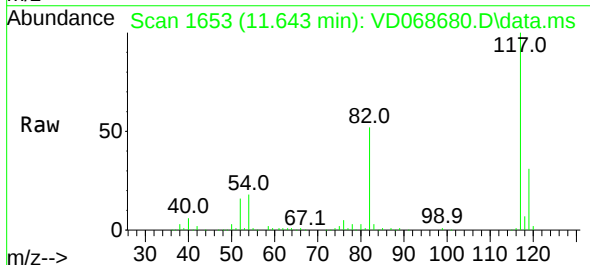
Instrument :
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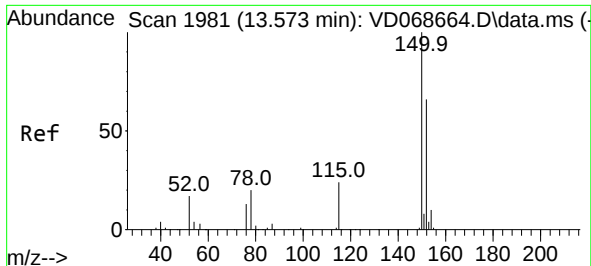
Tgt Ion: 95 Resp: 133651
Ion Ratio Lower Upper
95 100
174 83.4 0.0 168.0
176 80.7 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD068680.D
Acq: 26 Mar 2021 13:15

Tgt Ion: 117 Resp: 301562
Ion Ratio Lower Upper
117 100
82 51.5 43.5 65.3
119 31.1 26.7 40.1

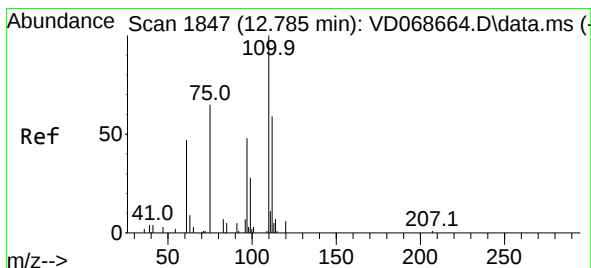
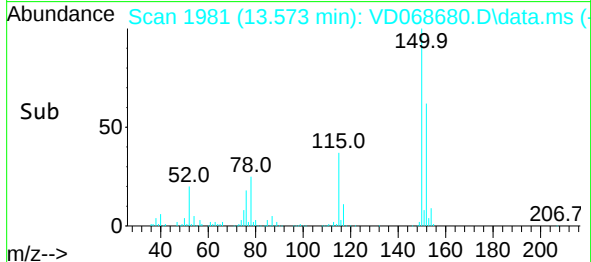
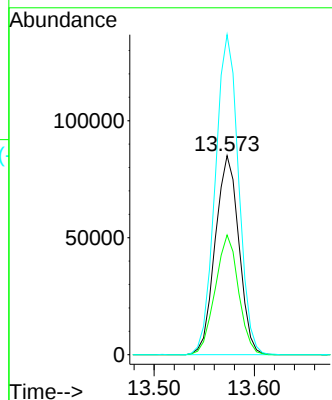
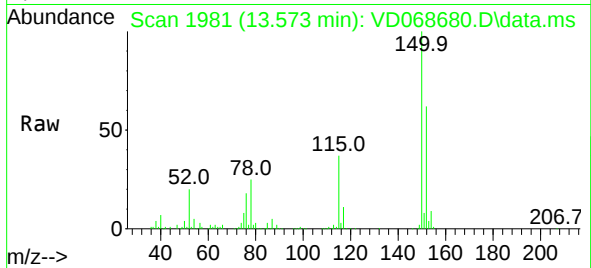




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068680.D
Acq: 26 Mar 2021 13:15

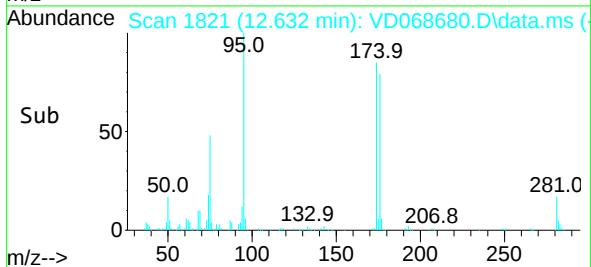
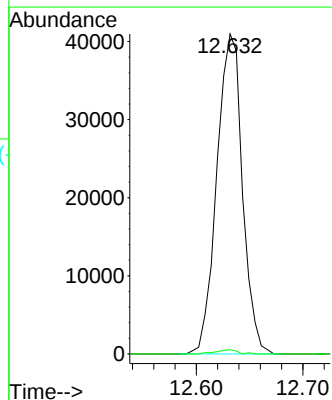
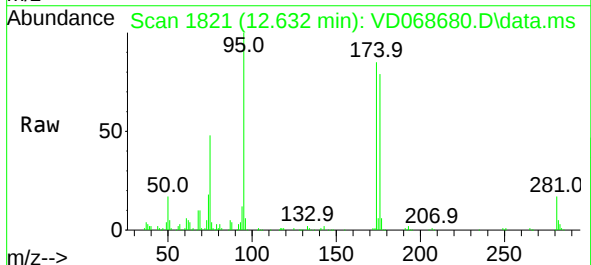
Instrument :
MSVOA_D
ClientSampleId :
600486548-BIN-1

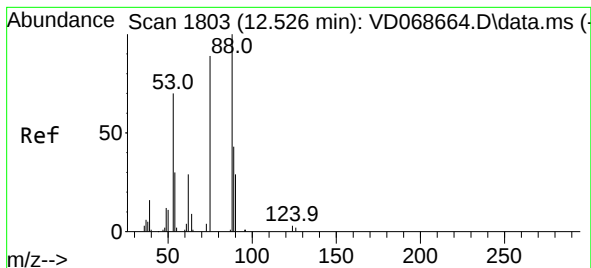
Tgt Ion:152 Resp: 139493
Ion Ratio Lower Upper
152 100
115 59.3 29.3 87.8
150 158.2 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 58.82 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068680.D
Acq: 26 Mar 2021 13:15

Tgt Ion: 75 Resp: 68289
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#

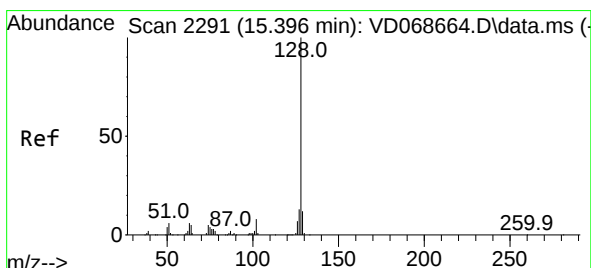
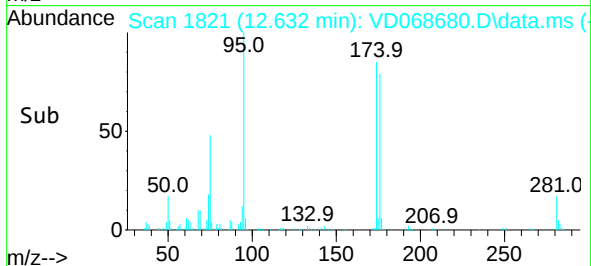
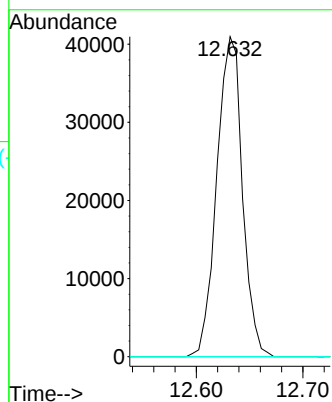
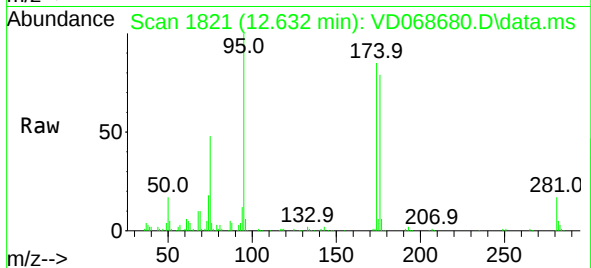




#81
trans-1,4-Dichloro-2-butene
Concen: 133.82 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068680.D
Acq: 26 Mar 2021 13:15

Instrument :
MSVOA_D
ClientSampleId :
600486548-BIN-1

Tgt Ion: 75 Resp: 68289
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 36.6 54.8#



#95
Naphthalene
Concen: 2.22 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. -0.006 min
Lab File: VD068680.D
Acq: 26 Mar 2021 13:15

Tgt Ion:128 Resp: 9627
Ion Ratio Lower Upper
128 100
127 9.3 10.2 15.4#
129 13.5 8.9 13.3#

