

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030421\
 Data File : VD068526.D
 Acq On : 04 Mar 2021 15:37
 Operator : VA/SY
 Sample : M1568-03RE
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 05 00:02:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

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

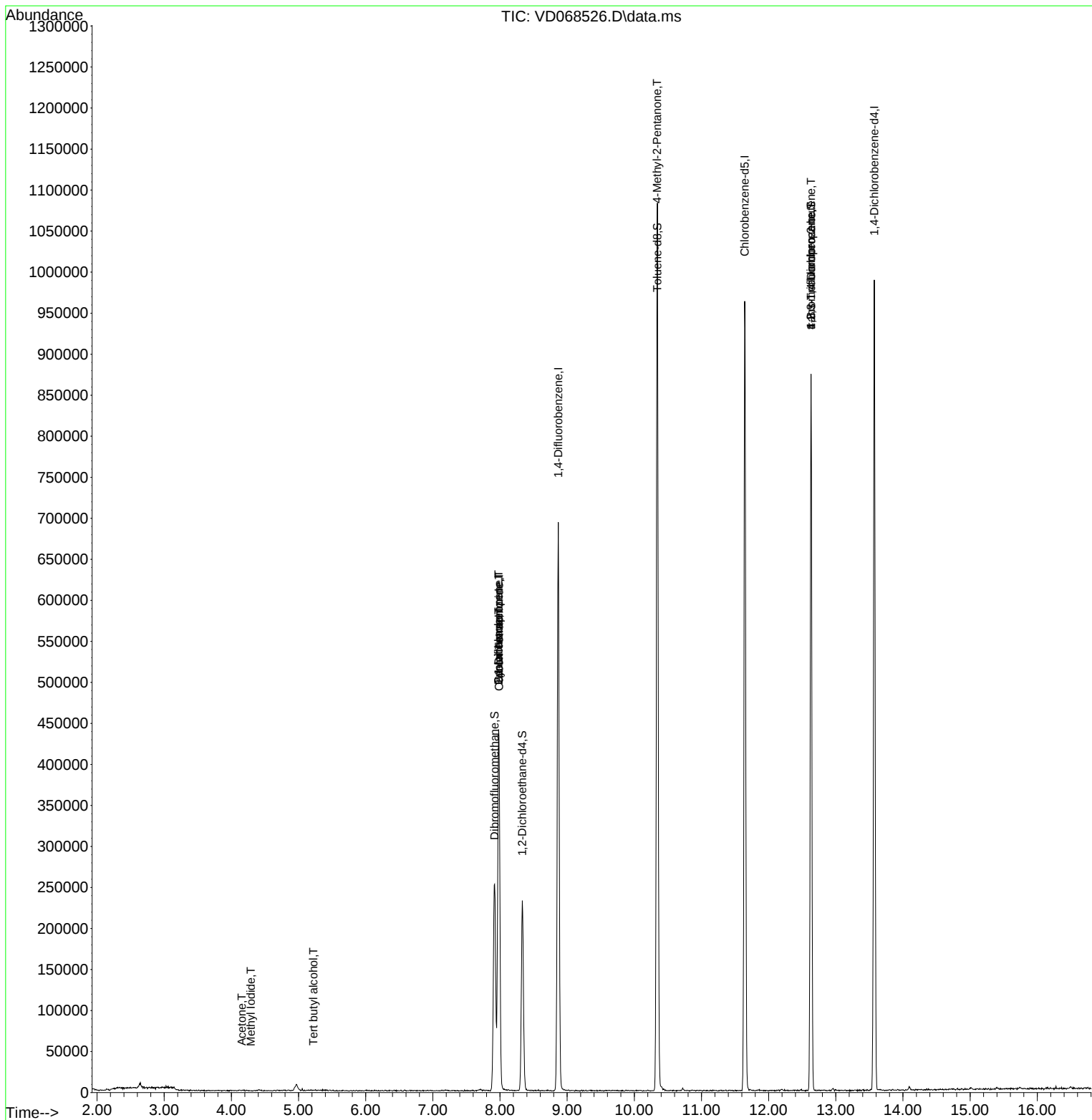
Internal Standards						
1) Pentafluorobenzene	7.979	168	350296	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	617313	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	586066	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	271443	50.00	ug/l	0.00

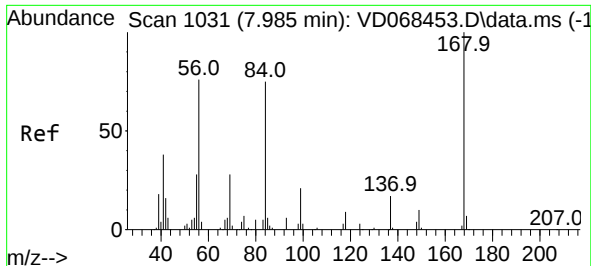
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	183931	52.55	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.10%
35) Dibromofluoromethane	7.920	113	186361	50.11	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.22%
50) Toluene-d8	10.344	98	759099	51.25	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.50%
62) 4-Bromofluorobenzene	12.632	95	251707	52.73	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.46%

Target Compounds						Qvalue
10) Methyl Iodide	4.291	142	63	2.63	ug/l #	38
11) Tert butyl alcohol	5.220	59	205	1.10	ug/l #	74
16) Acetone	4.156	43	1297	2.33	ug/l #	44
20) Methylene Chloride	4.967	84	6377	Below Cal	#	88
31) Cyclohexane	7.979	56	7281	1.14	ug/l #	28
36) 1,1-Dichloropropene	7.979	75	25798	4.40	ug/l #	47
38) Carbon Tetrachloride	7.985	117	34476	6.25	ug/l #	18
51) 4-Methyl-2-Pentanone	10.338	43	2654	1.42	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	126240	52.39	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	126240	122.25	ug/l #	13

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

Quant Time: Mar 05 00:02:11 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 26 14:04:14 2021
Response via : Initial Calibration

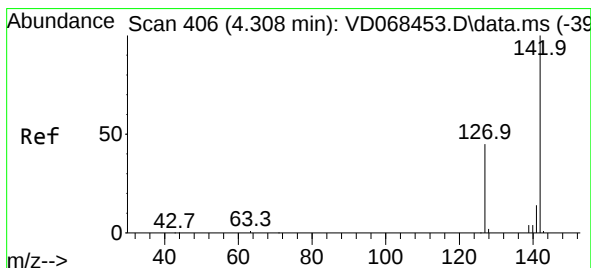
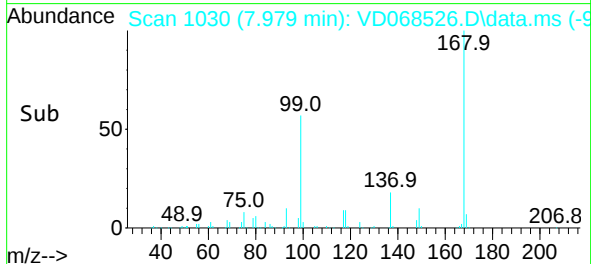
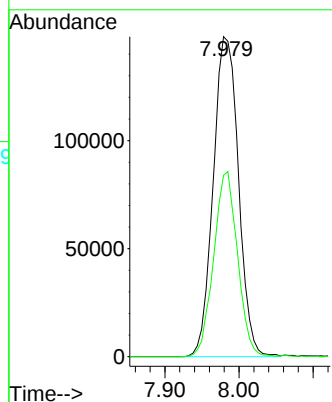
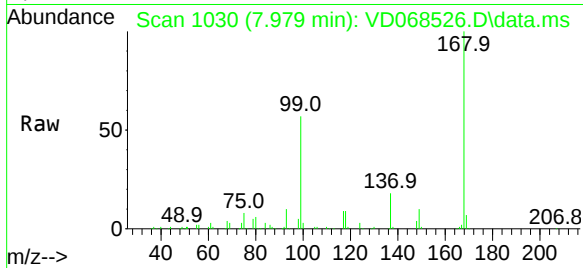




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068526.D
Acq: 04 Mar 2021 15:37

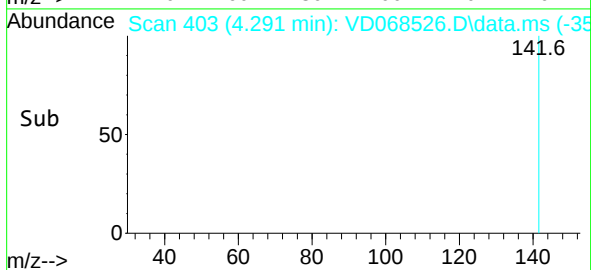
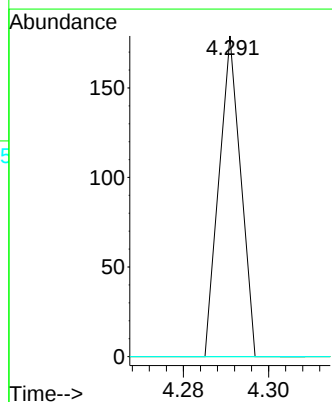
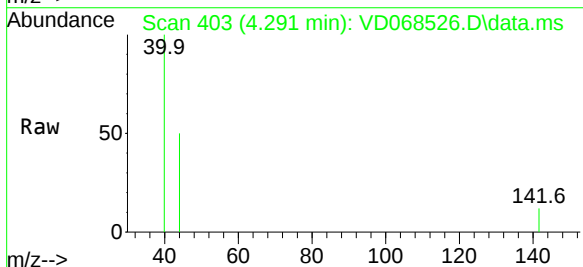
Instrument :
MSVOA_D
ClientSampled :

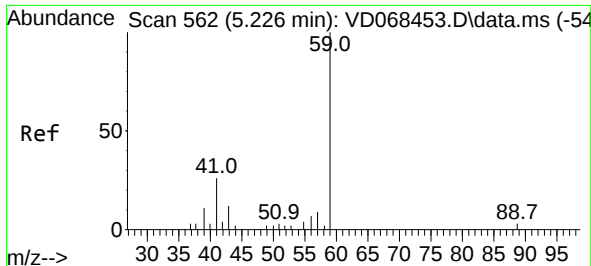
Tgt Ion:168 Resp: 350296
Ion Ratio Lower Upper
168 100
99 56.7 43.5 65.3



#10
Methyl Iodide
Concen: 2.63 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.017 min
Lab File: VD068526.D
Acq: 04 Mar 2021 15:37

Tgt Ion:142 Resp: 63
Ion Ratio Lower Upper
142 100
127 0.0 37.9 56.9#
141 0.0 11.5 17.3#

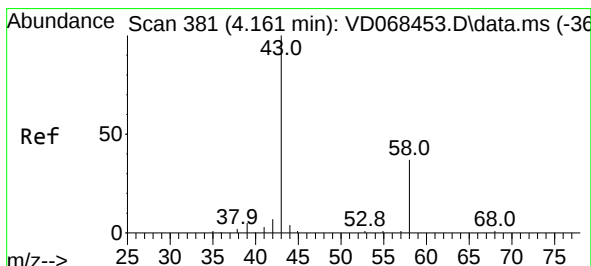
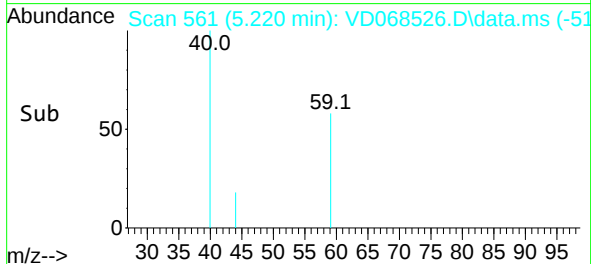
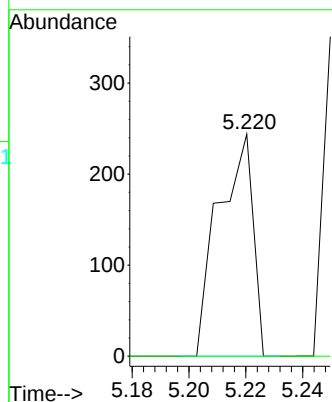
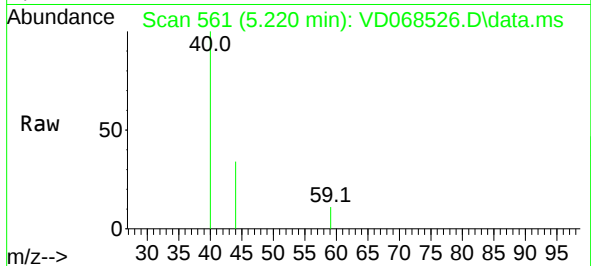




#11
Tert butyl alcohol
Concen: 1.10 ug/l
RT: 5.220 min Scan# 561
Delta R.T. -0.006 min
Lab File: VD068526.D
Acq: 04 Mar 2021 15:37

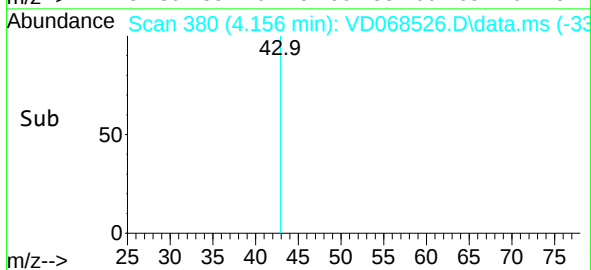
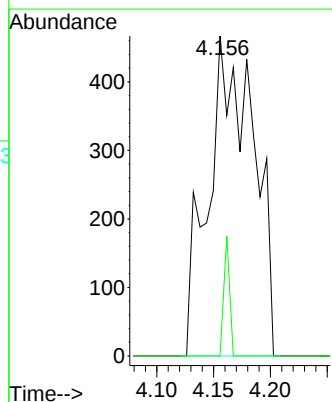
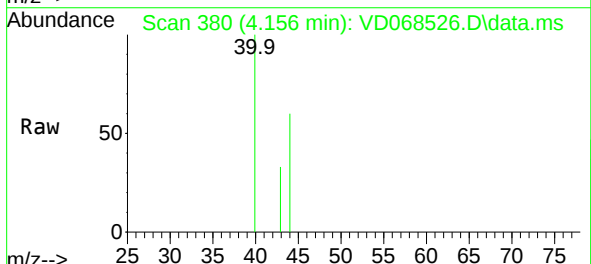
Instrument :
MSVOA_D
ClientSampleId :

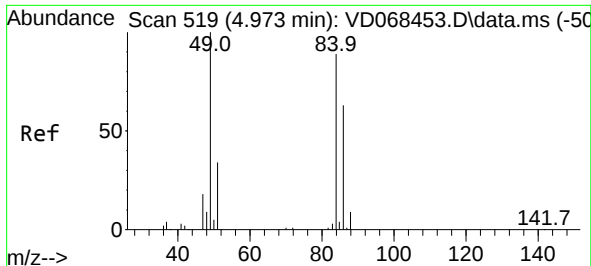
Tgt Ion: 59 Resp: 205
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#16
Acetone
Concen: 2.33 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD068526.D
Acq: 04 Mar 2021 15:37

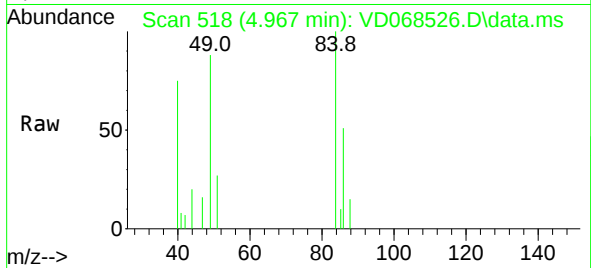
Tgt Ion: 43 Resp: 1297
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.4#





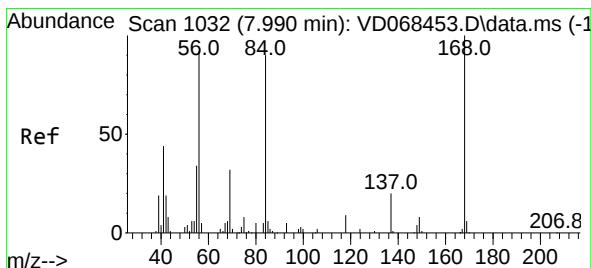
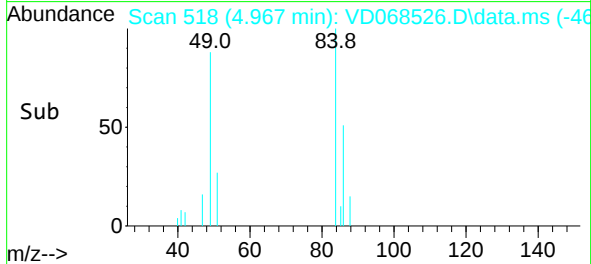
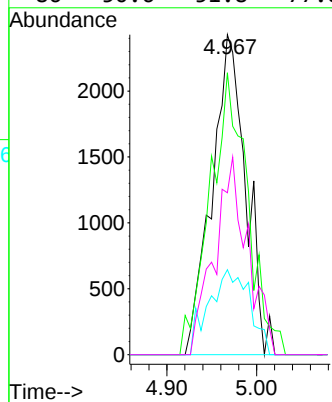
#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068526.D
Acq: 04 Mar 2021 15:37

Instrument :
MSVOA_D
ClientSampled :

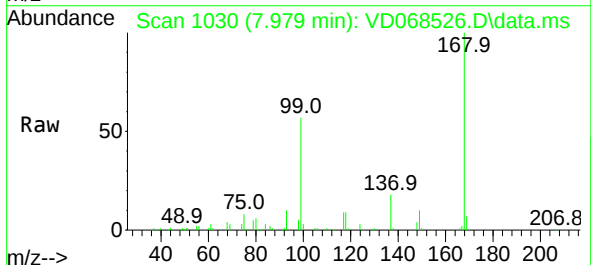


Tgt Ion: 84 Resp: 6377

Ion	Ratio	Lower	Upper
84	100		
49	88.1	77.4	116.2
51	26.6	26.1	39.1
86	50.6	51.8	77.8#

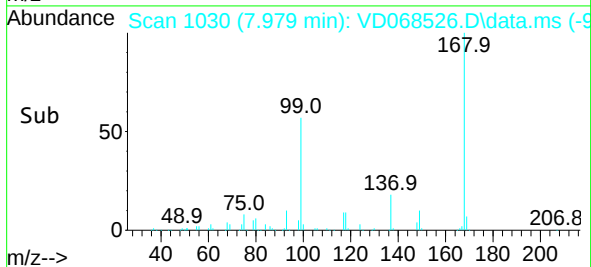
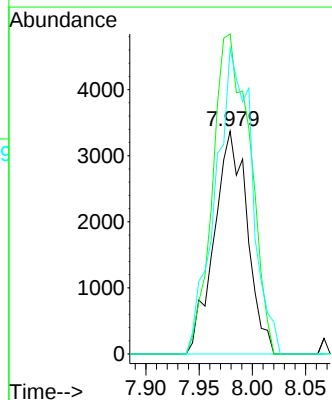


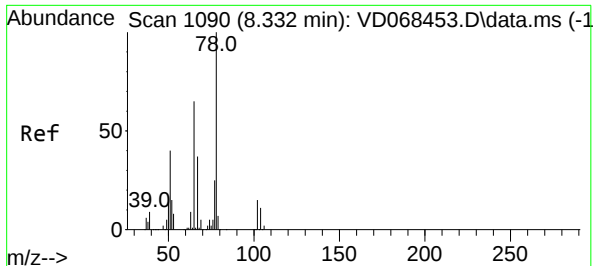
#31
Cyclohexane
Concen: 1.14 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.011 min
Lab File: VD068526.D
Acq: 04 Mar 2021 15:37



Tgt Ion: 56 Resp: 7281

Ion	Ratio	Lower	Upper
56	100		
69	143.7	30.1	45.1#
84	137.1	82.1	123.1#

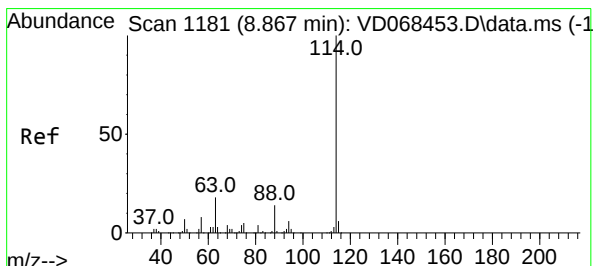
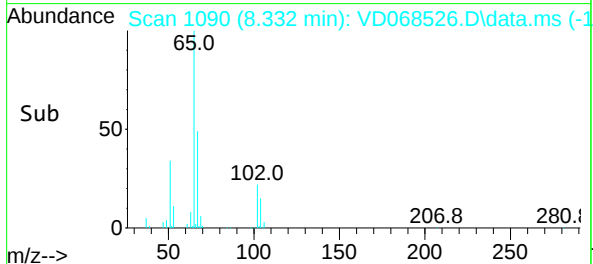
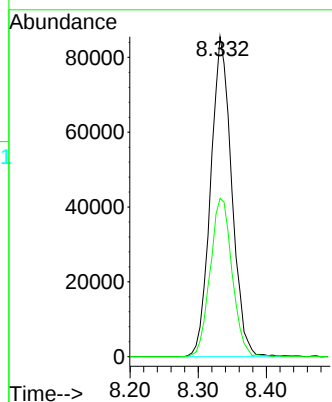
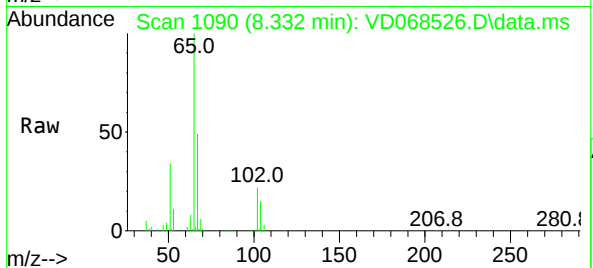




#33
1,2-Dichloroethane-d4
Concen: 52.55 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068526.D
Acq: 04 Mar 2021 15:37

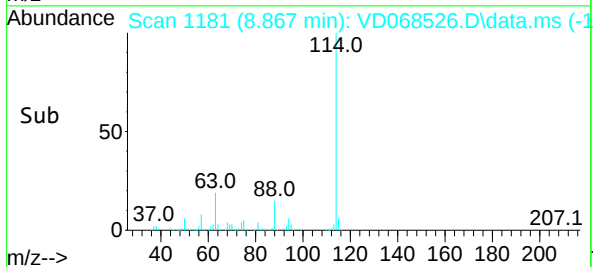
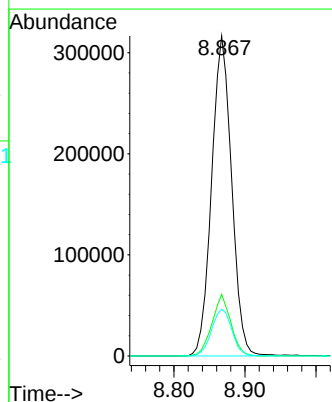
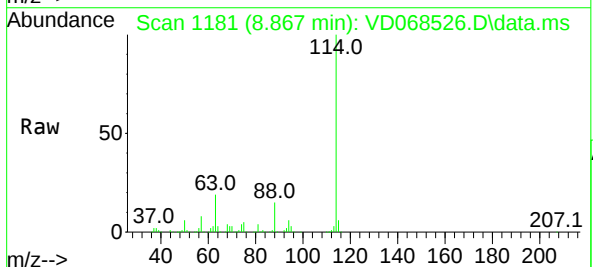
Instrument :
MSVOA_D
ClientSampled :

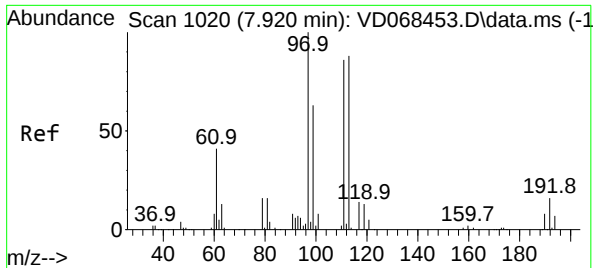
Tgt Ion: 65 Resp: 183931
Ion Ratio Lower Upper
65 100
67 51.5 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068526.D
Acq: 04 Mar 2021 15:37

Tgt Ion: 114 Resp: 617313
Ion Ratio Lower Upper
114 100
63 19.2 0.0 34.8
88 14.6 0.0 31.6

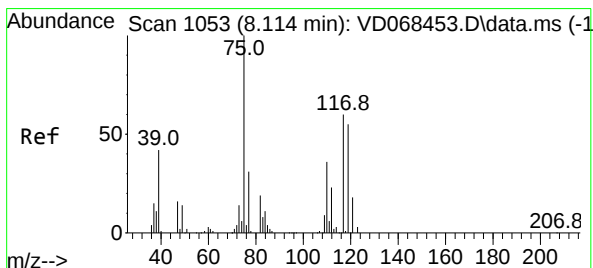
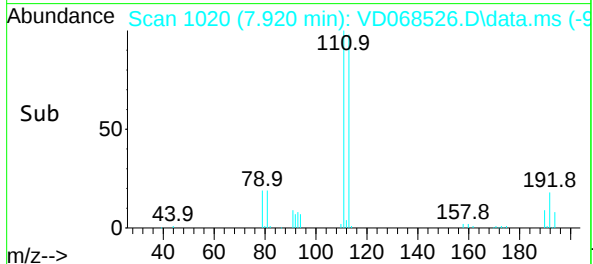
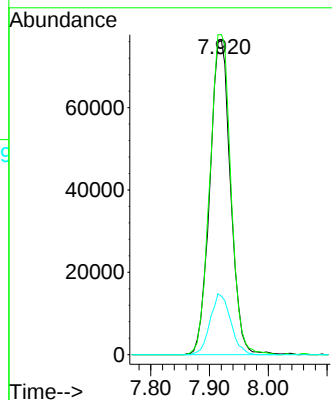
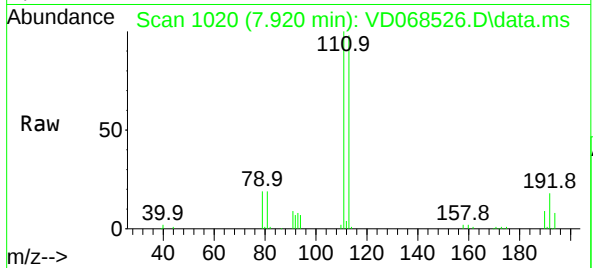




#35
Dibromofluoromethane
Concen: 50.11 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068526.D
Acq: 04 Mar 2021 15:37

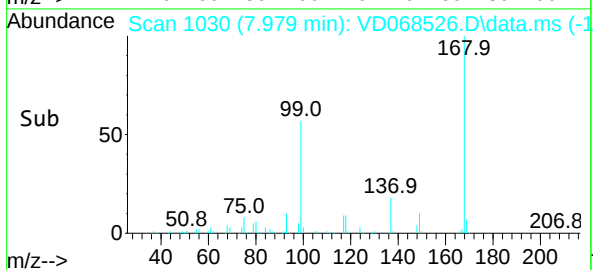
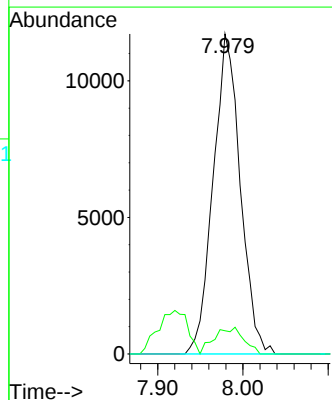
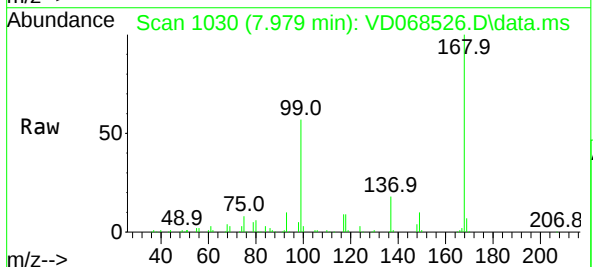
Instrument :
MSVOA_D
ClientSampled :

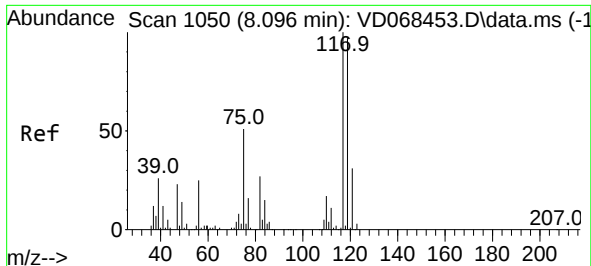
Tgt Ion:113 Resp: 186361
Ion Ratio Lower Upper
113 100
111 103.6 81.4 122.0
192 19.2 16.1 24.1



#36
1,1-Dichloropropene
Concen: 4.40 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD068526.D
Acq: 04 Mar 2021 15:37

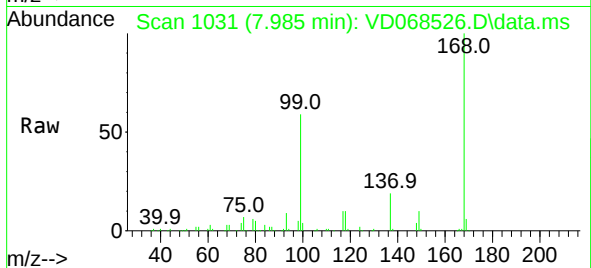
Tgt Ion: 75 Resp: 25798
Ion Ratio Lower Upper
75 100
110 9.1 19.4 58.2#
77 0.0 25.3 37.9#



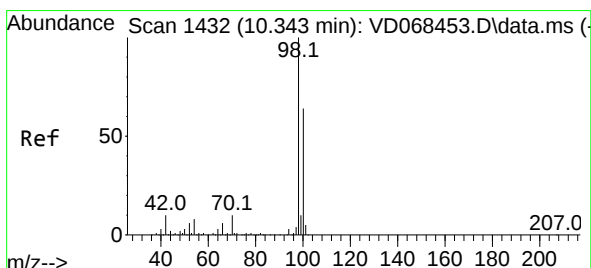
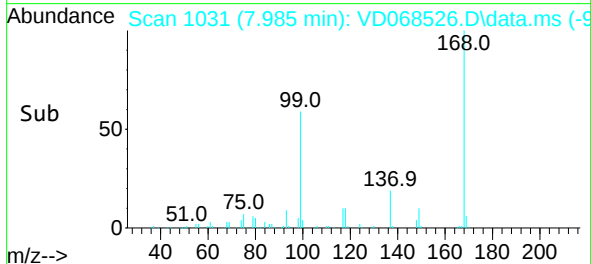
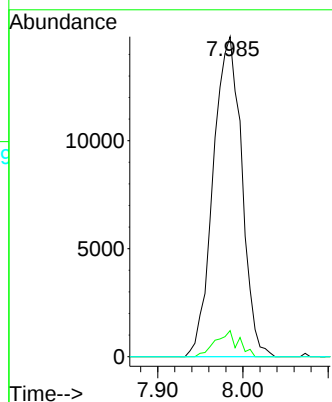


#38
Carbon Tetrachloride
Concen: 6.25 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.111 min
Lab File: VD068526.D
Acq: 04 Mar 2021 15:37

Instrument :
MSVOA_D
ClientSampleId :

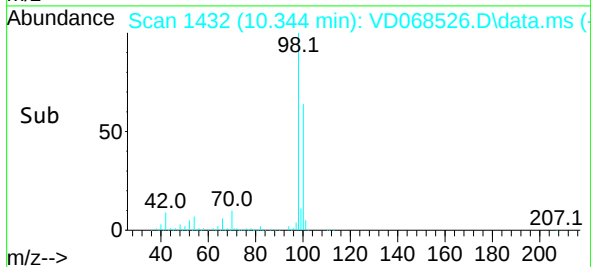
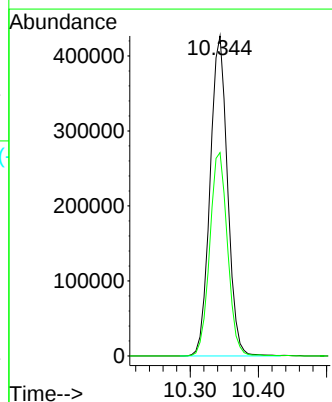
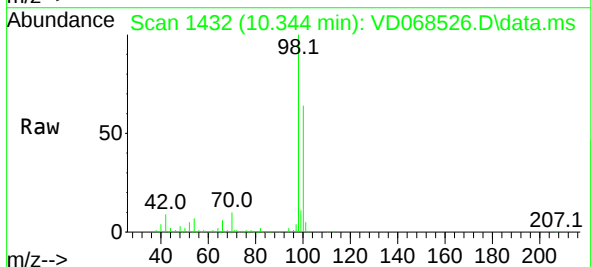


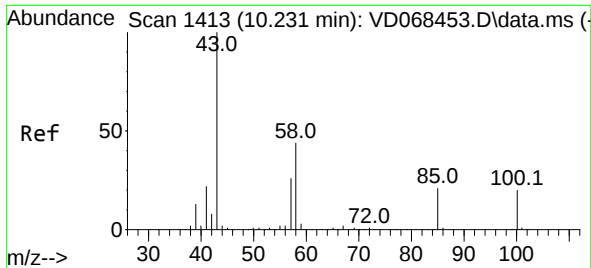
Tgt Ion:117 Resp: 34476
Ion Ratio Lower Upper
117 100
119 8.1 77.3 115.9#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 51.25 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068526.D
Acq: 04 Mar 2021 15:37

Tgt Ion: 98 Resp: 759099
Ion Ratio Lower Upper
98 100
100 64.8 53.0 79.4

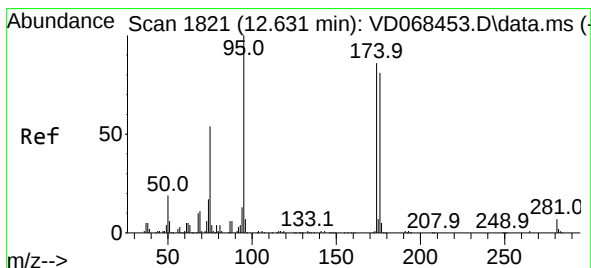
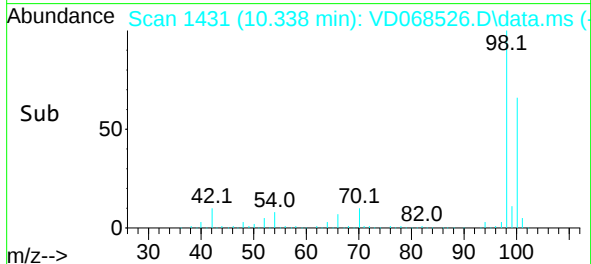
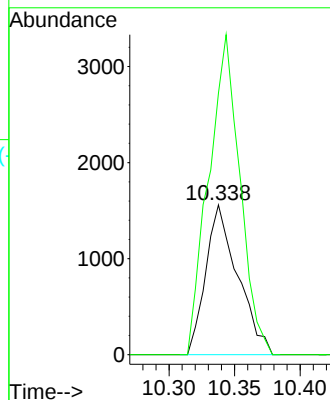
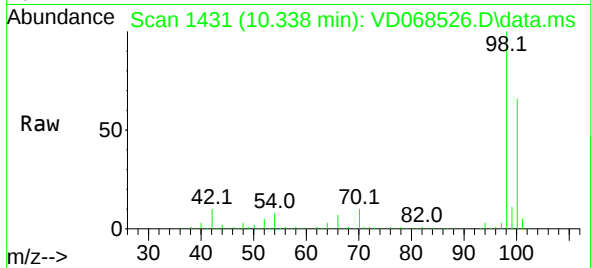




#51
4-Methyl-2-Pentanone
Concen: 1.42 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.106 min
Lab File: VD068526.D
Acq: 04 Mar 2021 15:37

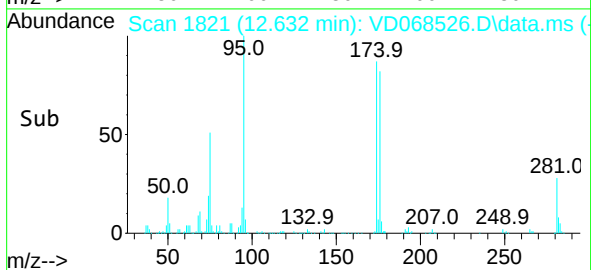
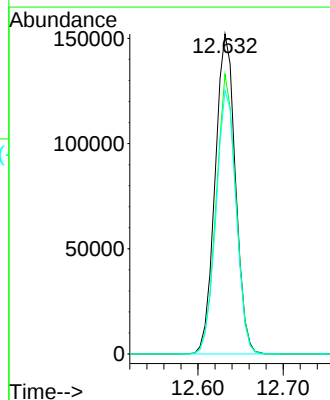
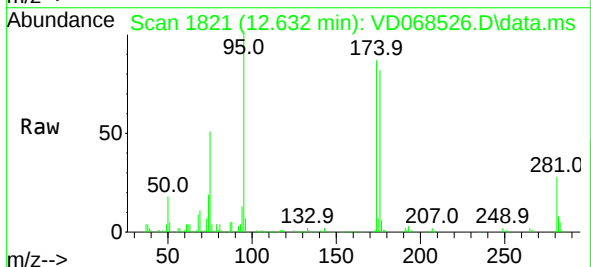
Instrument :
MSVOA_D
ClientSampled :

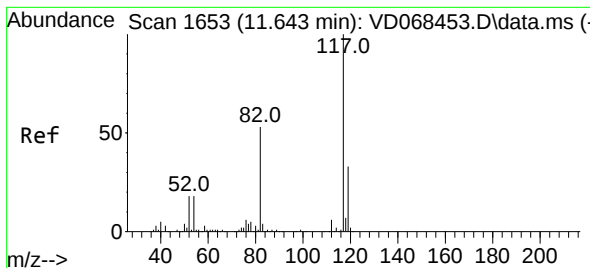
Tgt Ion: 43 Resp: 2654
Ion Ratio Lower Upper
43 100
58 208.4 36.1 54.1#



#62
4-Bromofluorobenzene
Concen: 52.73 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068526.D
Acq: 04 Mar 2021 15:37

Tgt Ion: 95 Resp: 251707
Ion Ratio Lower Upper
95 100
174 84.9 0.0 172.4
176 81.6 0.0 168.4

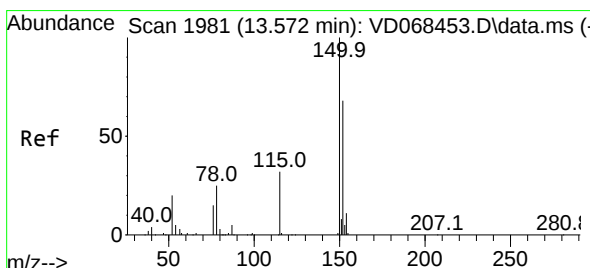
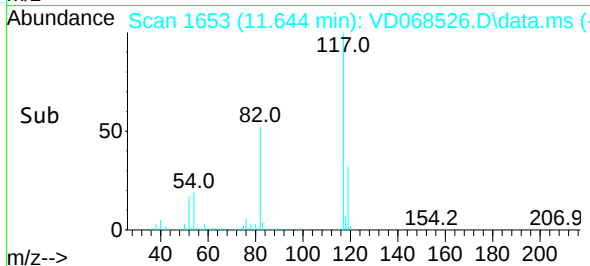
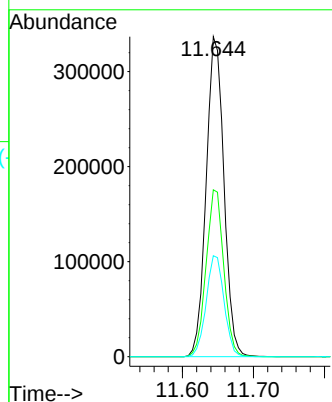
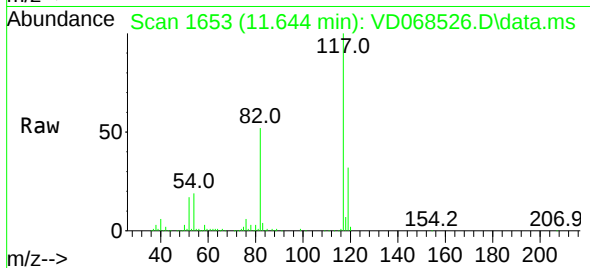




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068526.D
Acq: 04 Mar 2021 15:37

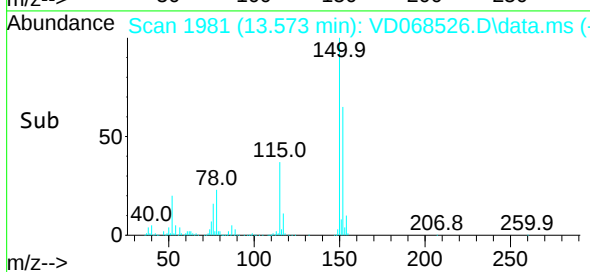
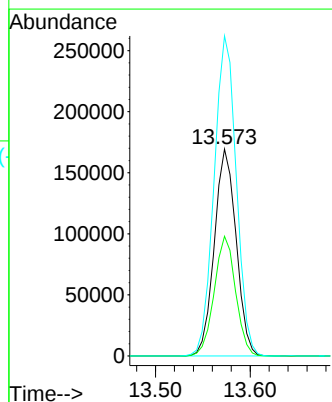
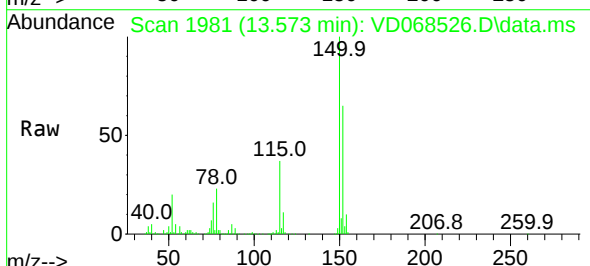
Instrument :
MSVOA_D
ClientSampleId :

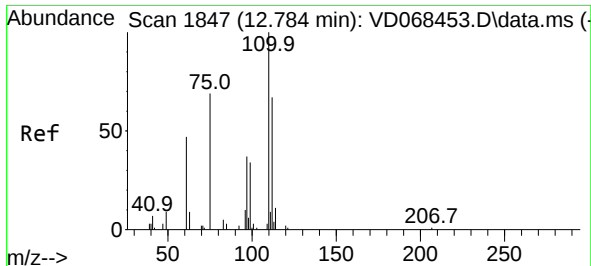
Tgt Ion:117 Resp: 586066
Ion Ratio Lower Upper
117 100
82 52.1 41.4 62.0
119 31.6 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068526.D
Acq: 04 Mar 2021 15:37

Tgt Ion:152 Resp: 271443
Ion Ratio Lower Upper
152 100
115 56.7 28.9 86.8
150 157.6 0.0 344.4

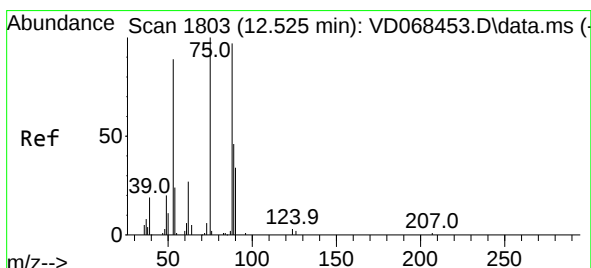
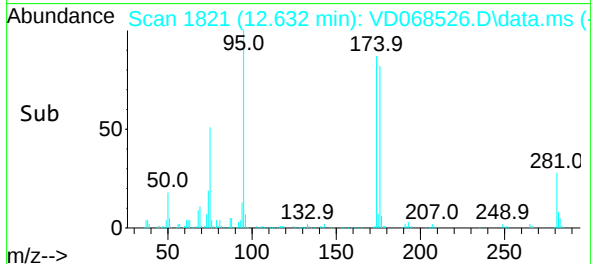
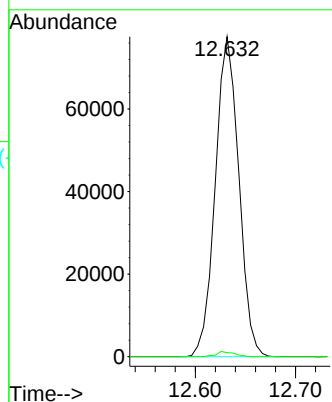
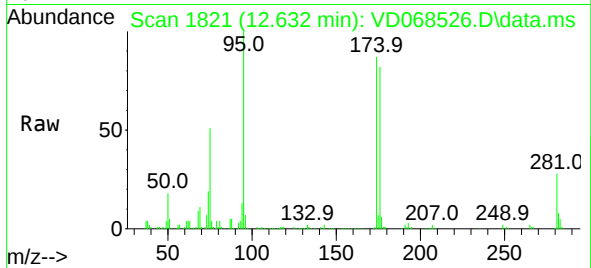




#76
1,2,3-Trichloropropane
Concen: 52.39 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.152 min
Lab File: VD068526.D
Acq: 04 Mar 2021 15:37

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 75 Resp: 126240
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 122.25 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068526.D
Acq: 04 Mar 2021 15:37

Tgt Ion: 75 Resp: 126240
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.1 40.3 60.5#

