

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032621\
 Data File : VD068683.D
 Acq On : 26 Mar 2021 14:40
 Operator : VA/SY
 Sample : M1838-01
 Misc : 7.34G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 27 00:43:55 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)

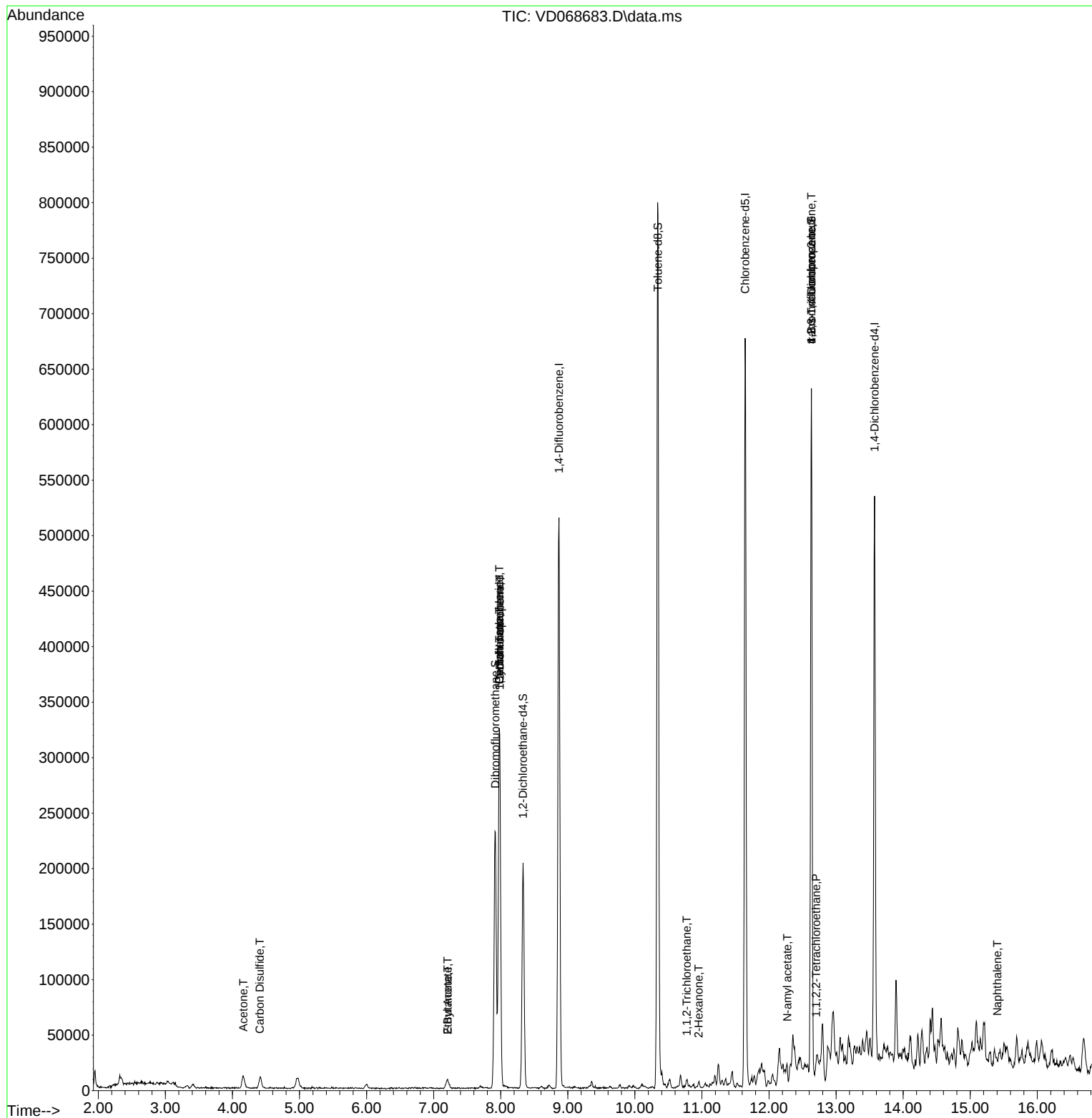
Internal Standards						
1) Pentafluorobenzene	7.979	168	253783	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	476663	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	407195	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	139688	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	158470	61.93	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 123.86%			
35) Dibromofluoromethane	7.920	113	170611	57.53	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 115.06%			
50) Toluene-d8	10.344	98	574074	50.21	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.42%			
62) 4-Bromofluorobenzene	12.632	95	165207	44.56	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 89.12%			
Target Compounds					Qvalue	
16) Acetone	4.162	43	20391	65.68	ug/l	94
17) Carbon Disulfide	4.409	76	21026	3.26	ug/l	95
20) Methylene Chloride	4.962	84	8956	Below Cal	#	78
25) 2-Butanone	7.209	43	6517	12.67	ug/l #	72
31) Cyclohexane	7.979	56	6050	1.47	ug/l #	39
36) 1,1-Dichloropropene	7.985	75	19647	4.61	ug/l #	49
37) Ethyl Acetate	7.209	43	6517	4.85	ug/l #	68
38) Carbon Tetrachloride	7.979	117	24944	5.87	ug/l #	17
55) 1,1,2-Trichloroethane	10.773	97	2707	1.14	ug/l #	22
59) 2-Hexanone	10.950	43	2180	2.42	ug/l #	19
74) N-amyl acetate	12.273	43	2372	1.48	ug/l #	70
75) 1,1,2,2-Tetrachloroethane	12.702	83	1715	1.01	ug/l #	55
76) 1,2,3-Trichloropropane	12.632	75	83274	71.62	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	83274	162.95	ug/l #	16
95) Naphthalene	15.402	128	5909	1.36	ug/l #	81

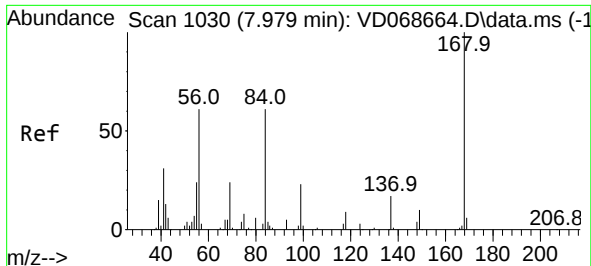
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 27 00:43:55 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

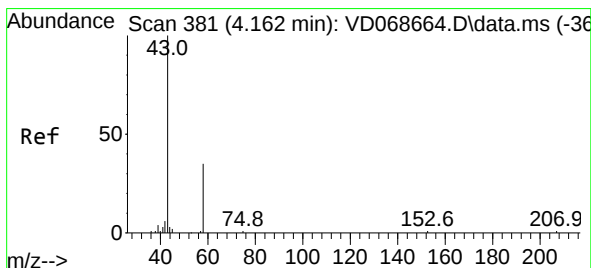
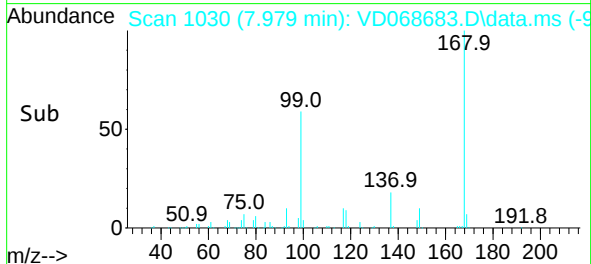
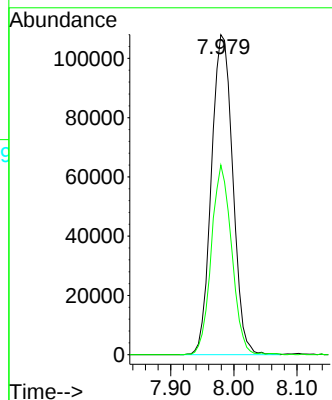
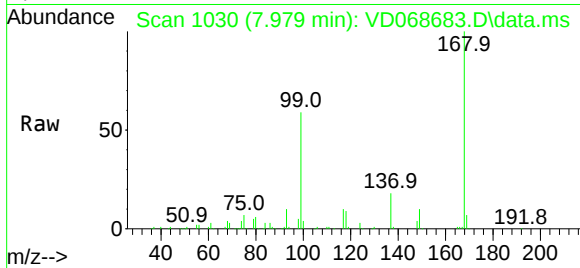




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068683.D
Acq: 26 Mar 2021 14:40

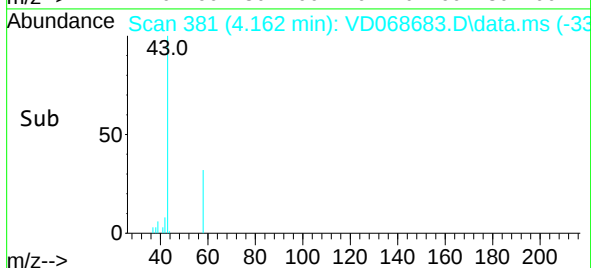
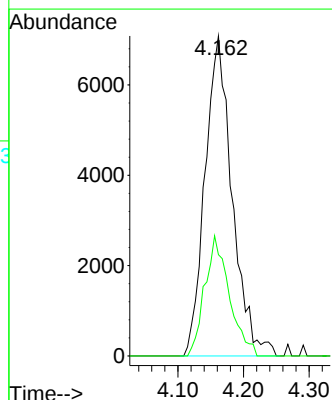
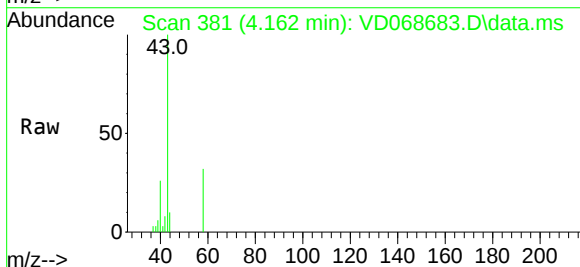
Instrument :
MSVOA_D
ClientSampled :

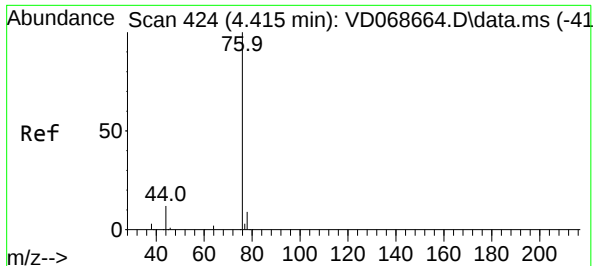
Tgt Ion:168 Resp: 253783
Ion Ratio Lower Upper
168 100
99 59.2 46.2 69.2



#16
Acetone
Concen: 65.68 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068683.D
Acq: 26 Mar 2021 14:40

Tgt Ion: 43 Resp: 20391
Ion Ratio Lower Upper
43 100
58 31.7 28.0 42.0

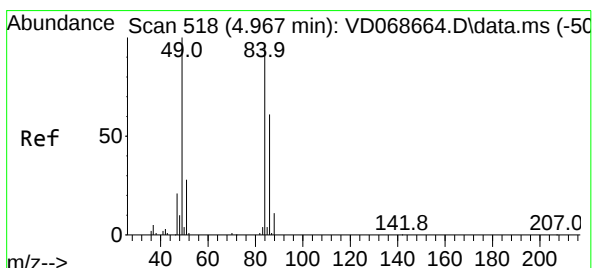
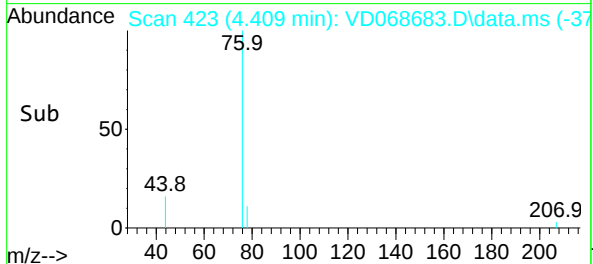
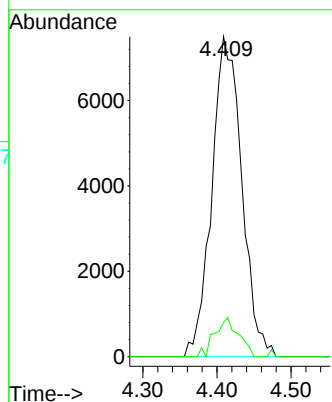
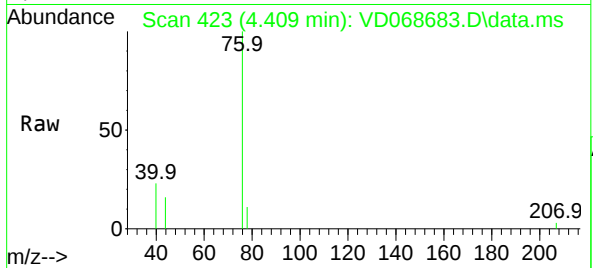




#17
Carbon Disulfide
Concen: 3.26 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.006 min
Lab File: VD068683.D
Acq: 26 Mar 2021 14:40

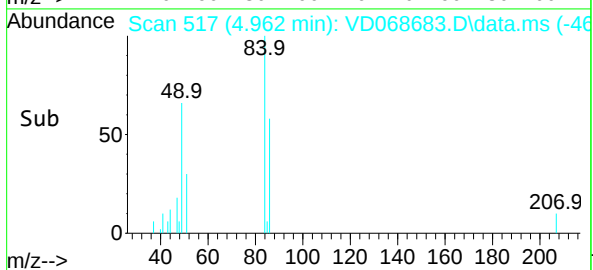
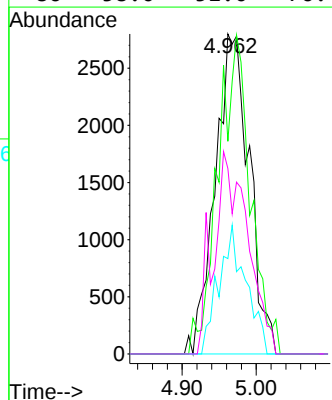
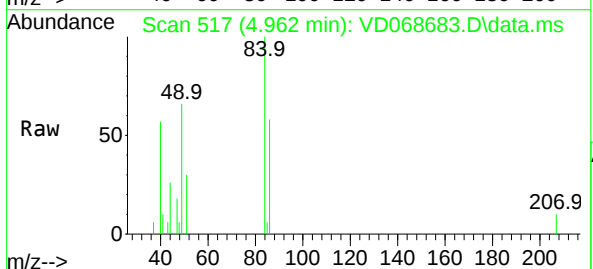
Instrument :
MSVOA_D
ClientSampled :

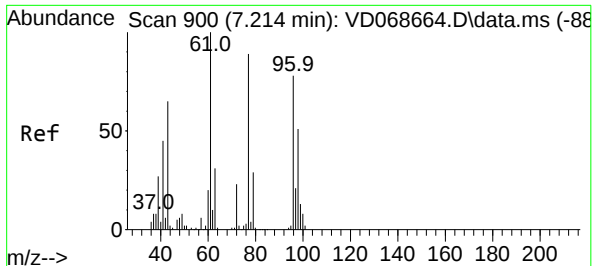
Tgt Ion: 76 Resp: 21026
Ion Ratio Lower Upper
76 100
78 10.8 7.3 10.9



#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.005 min
Lab File: VD068683.D
Acq: 26 Mar 2021 14:40

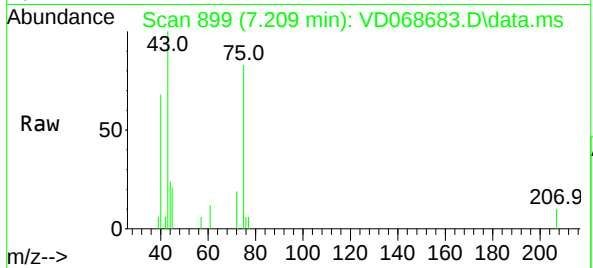
Tgt Ion: 84 Resp: 8956
Ion Ratio Lower Upper
84 100
49 66.4 83.4 125.0#
51 29.8 23.4 35.2
86 58.0 51.0 76.4



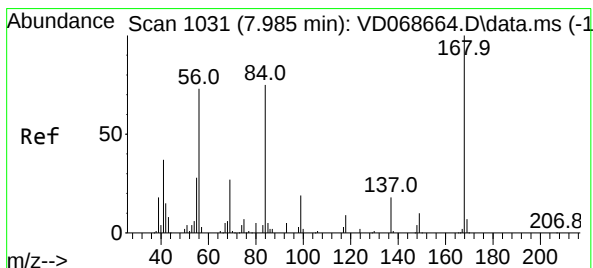
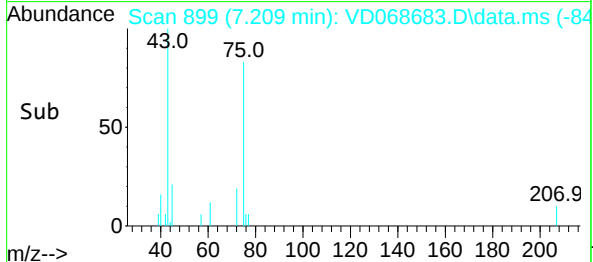
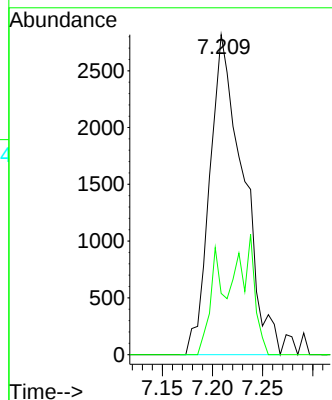


#25
2-Butanone
Concen: 12.67 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD068683.D
Acq: 26 Mar 2021 14:40

Instrument :
MSVOA_D
ClientSampled :

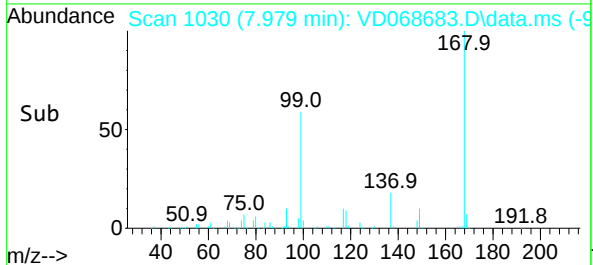
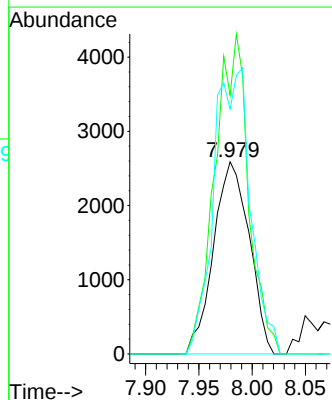
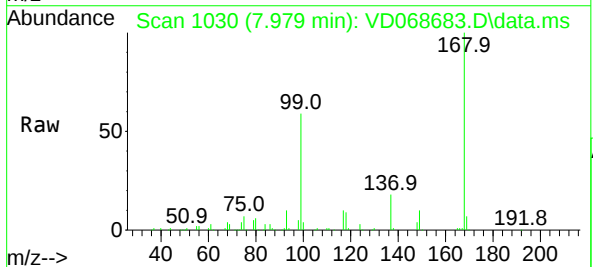


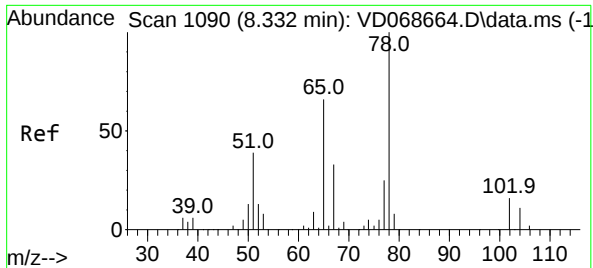
Tgt Ion: 43 Resp: 6517
Ion Ratio Lower Upper
43 100
72 19.1 28.6 43.0#



#31
Cyclohexane
Concen: 1.47 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068683.D
Acq: 26 Mar 2021 14:40

Tgt Ion: 56 Resp: 6050
Ion Ratio Lower Upper
56 100
69 134.6 30.0 45.0#
84 127.4 82.0 123.0#

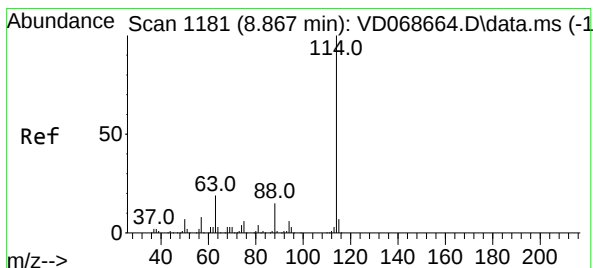
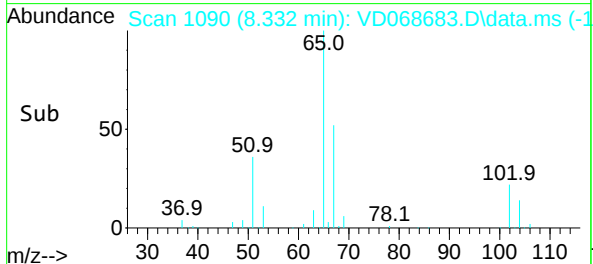
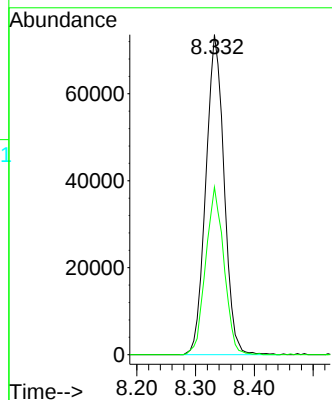
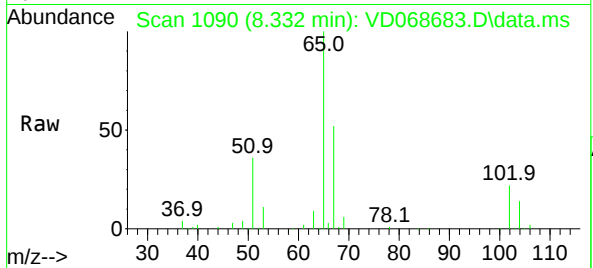




#33
1,2-Dichloroethane-d4
Concen: 61.93 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068683.D
Acq: 26 Mar 2021 14:40

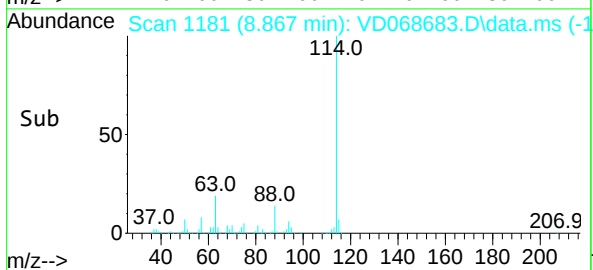
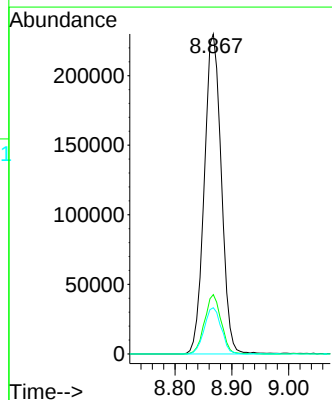
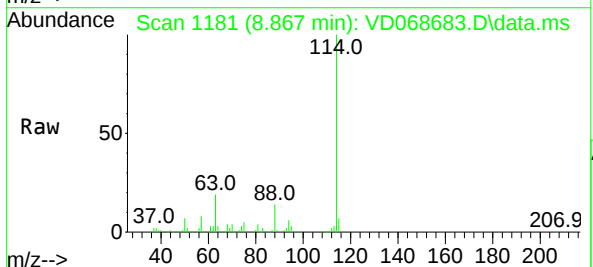
Instrument :
MSVOA_D
ClientSampled :

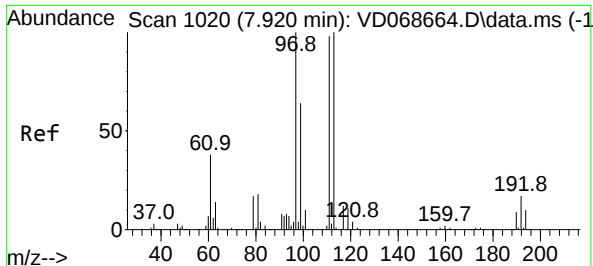
Tgt Ion: 65 Resp: 158470
Ion Ratio Lower Upper
65 100
67 52.6 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068683.D
Acq: 26 Mar 2021 14:40

Tgt Ion: 114 Resp: 476663
Ion Ratio Lower Upper
114 100
63 18.6 0.0 38.2
88 14.5 0.0 29.4





#35

Dibromofluoromethane

Concen: 57.53 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068683.D

Acq: 26 Mar 2021 14:40

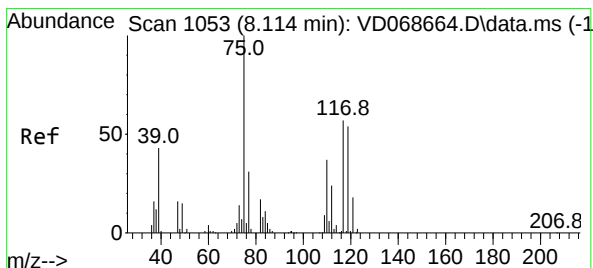
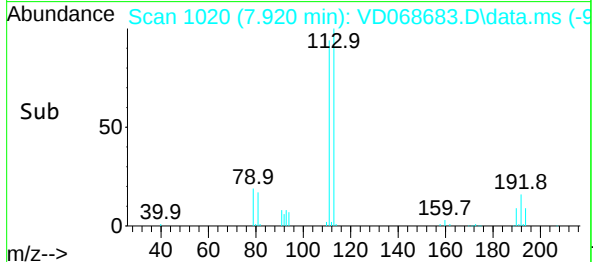
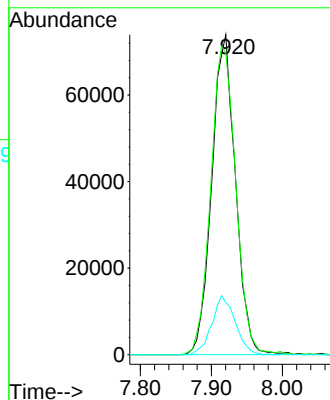
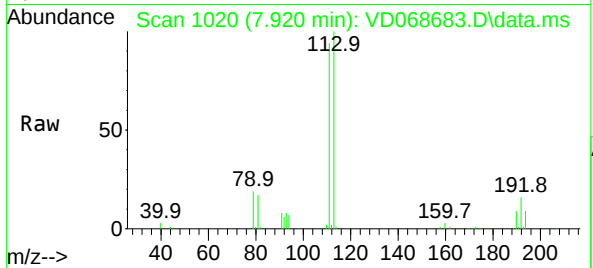
Tgt Ion:113 Resp: 170611

Ion Ratio Lower Upper

113 100

111 102.8 82.5 123.7

192 18.2 15.1 22.7



#36

1,1-Dichloropropene

Concen: 4.61 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.129 min

Lab File: VD068683.D

Acq: 26 Mar 2021 14:40

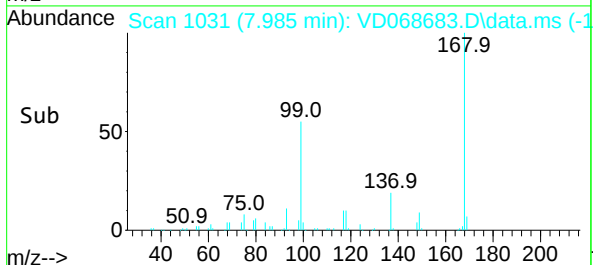
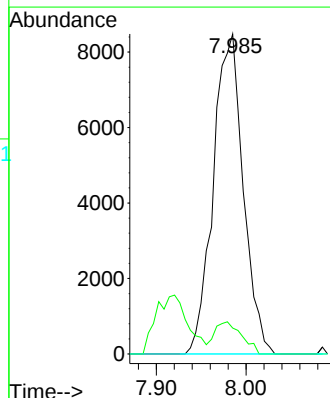
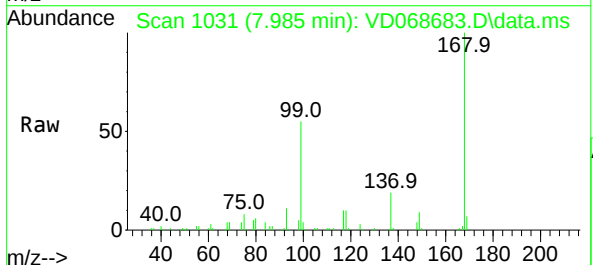
Tgt Ion: 75 Resp: 19647

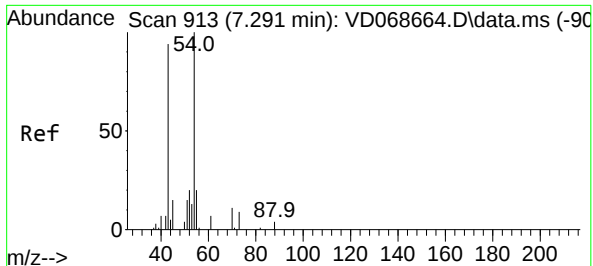
Ion Ratio Lower Upper

75 100

110 9.1 18.1 54.4#

77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 4.85 ug/l

RT: 7.209 min Scan# 899

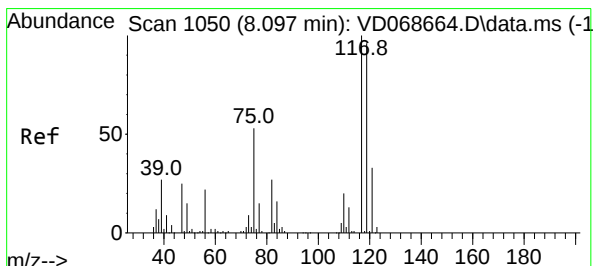
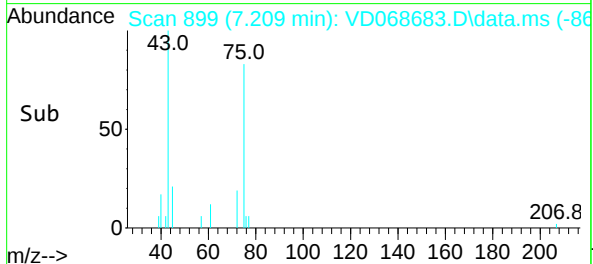
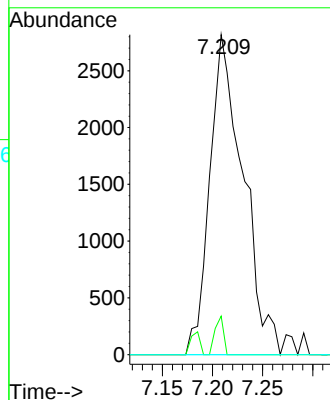
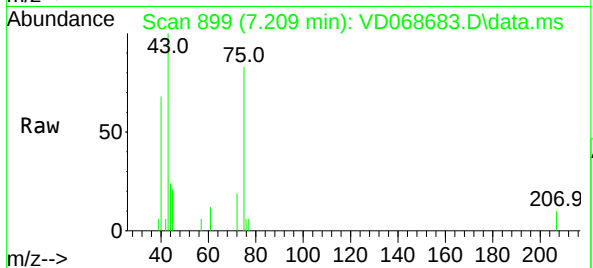
Delta R.T. -0.082 min

Lab File: VD068683.D

Acq: 26 Mar 2021 14:40

Tgt Ion:	43	Resp:	6517
Ion	Ratio	Lower	Upper
43	100		
61	3.1	14.2	21.4#
70	0.0	9.4	14.0#

Instrument :
MSVOA_D
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 5.87 ug/l

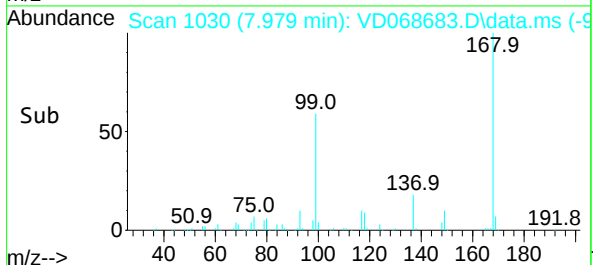
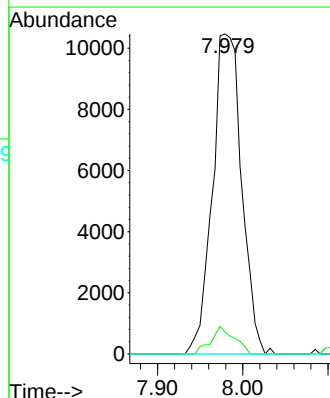
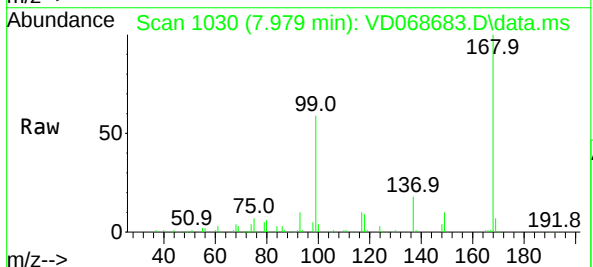
RT: 7.979 min Scan# 1030

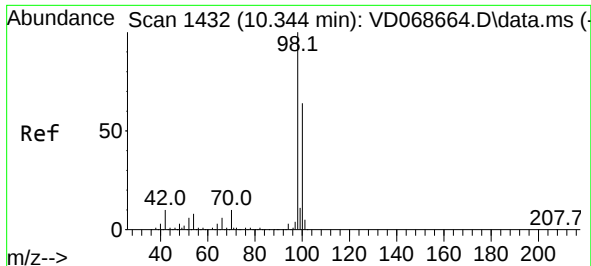
Delta R.T. -0.118 min

Lab File: VD068683.D

Acq: 26 Mar 2021 14:40

Tgt Ion:	117	Resp:	24944
Ion	Ratio	Lower	Upper
117	100		
119	6.8	76.6	115.0#
121	0.0	26.1	39.1#

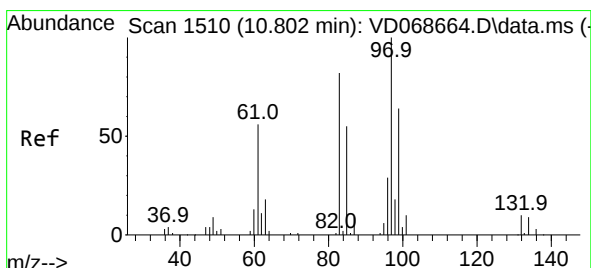
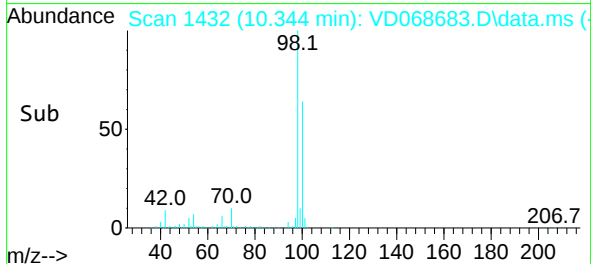
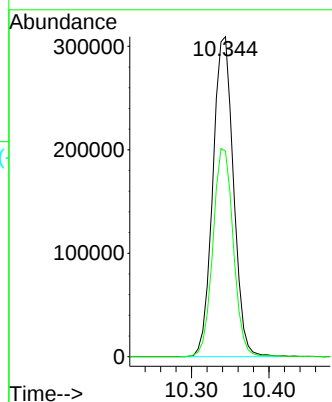
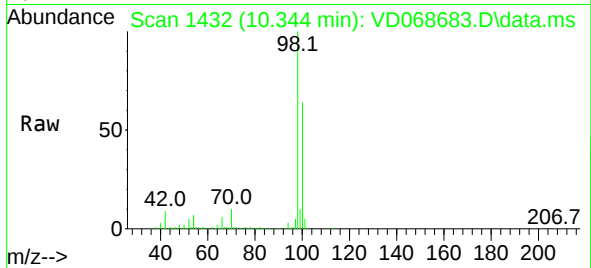




#50
Toluene-d8
Concen: 50.21 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068683.D
Acq: 26 Mar 2021 14:40

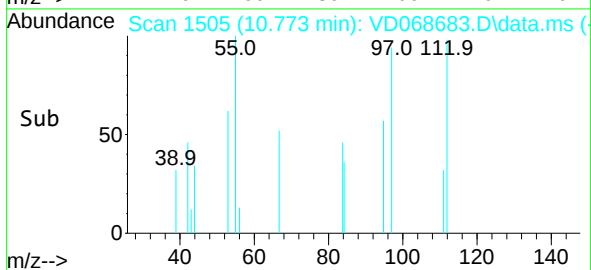
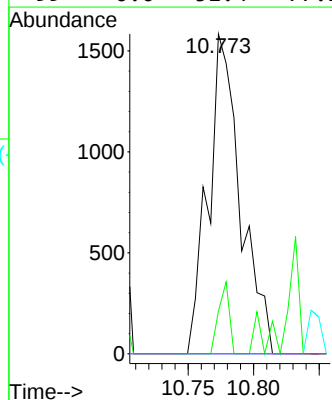
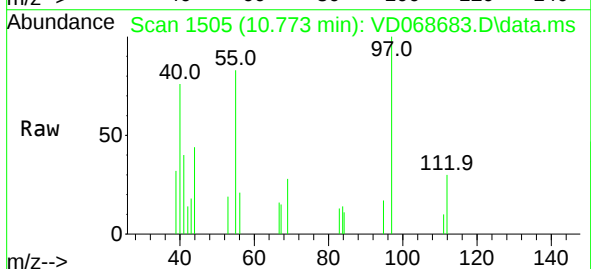
Instrument :
MSVOA_D
ClientSampled :

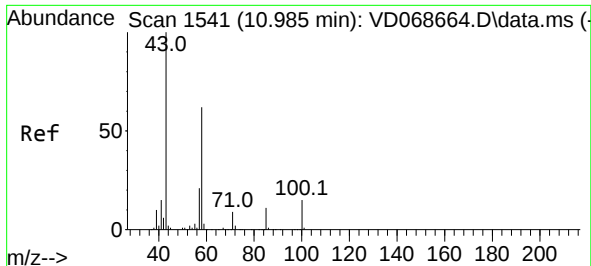
Tgt Ion: 98 Resp: 574074
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.6



#55
1,1,2-Trichloroethane
Concen: 1.14 ug/l
RT: 10.773 min Scan# 1505
Delta R.T. -0.029 min
Lab File: VD068683.D
Acq: 26 Mar 2021 14:40

Tgt Ion: 97 Resp: 2707
Ion Ratio Lower Upper
97 100
83 13.3 65.7 98.5#
85 0.0 44.3 66.5#
99 0.0 51.4 77.2#

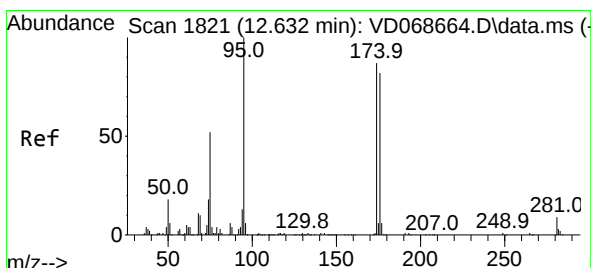
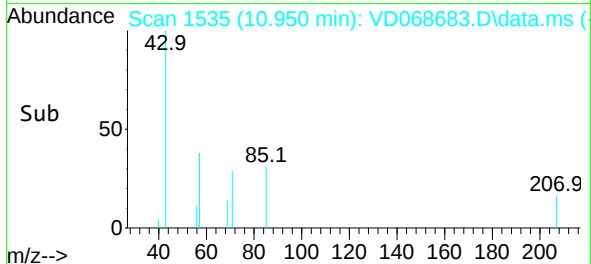
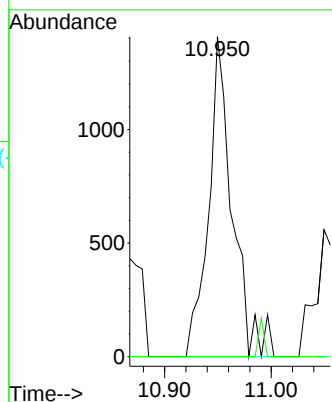
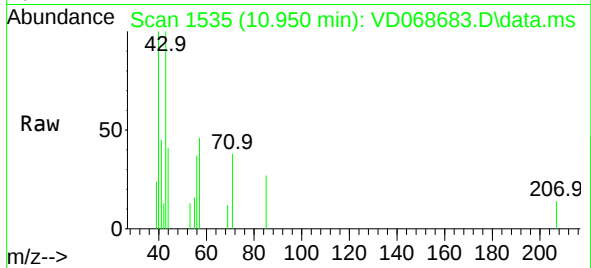




#59
2-Hexanone
Concen: 2.42 ug/l
RT: 10.950 min Scan# 1535
Delta R.T. -0.035 min
Lab File: VD068683.D
Acq: 26 Mar 2021 14:40

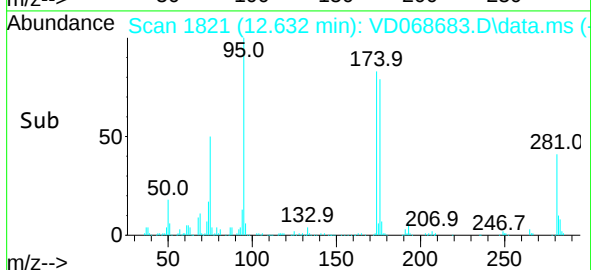
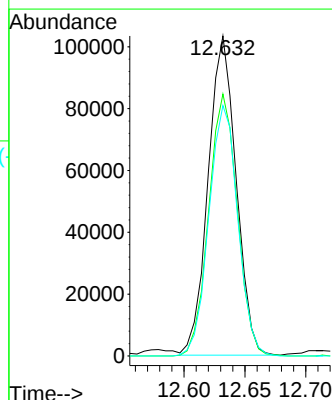
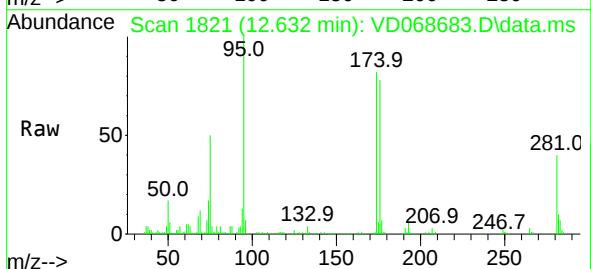
Instrument :
MSVOA_D
ClientSampled :

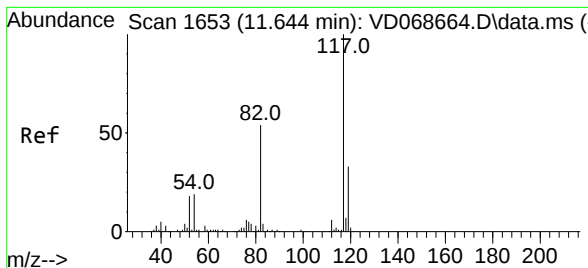
Tgt Ion: 43 Resp: 2180
Ion Ratio Lower Upper
43 100
58 0.0 31.3 93.8#



#62
4-Bromofluorobenzene
Concen: 44.56 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068683.D
Acq: 26 Mar 2021 14:40

Tgt Ion: 95 Resp: 165207
Ion Ratio Lower Upper
95 100
174 83.8 0.0 168.0
176 80.9 0.0 160.2

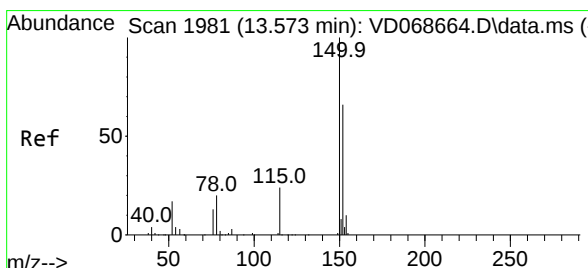
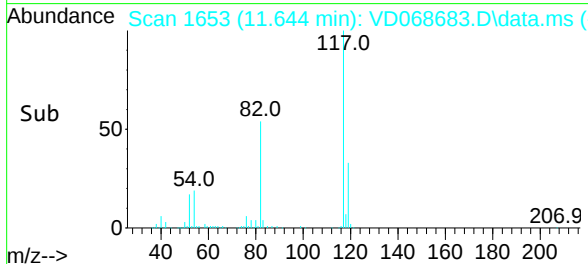
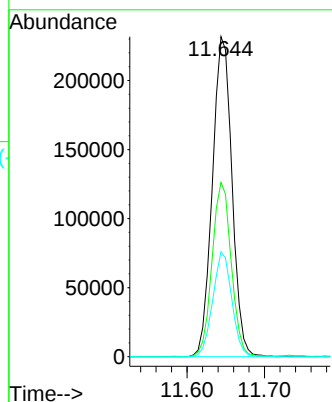
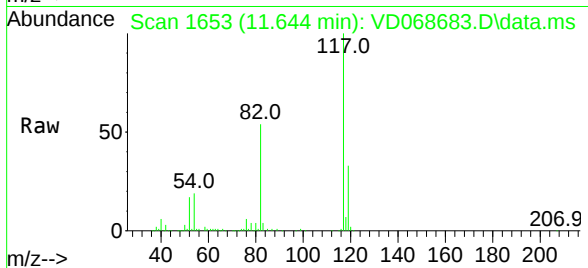




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068683.D
Acq: 26 Mar 2021 14:40

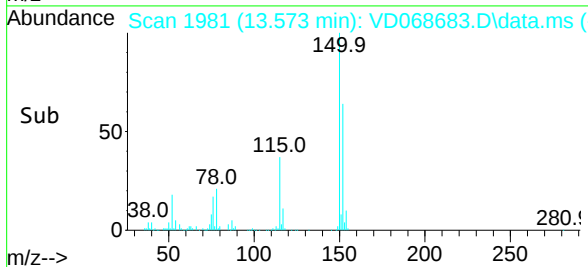
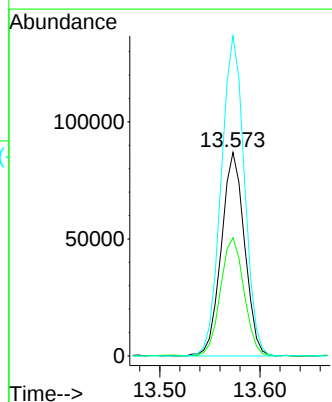
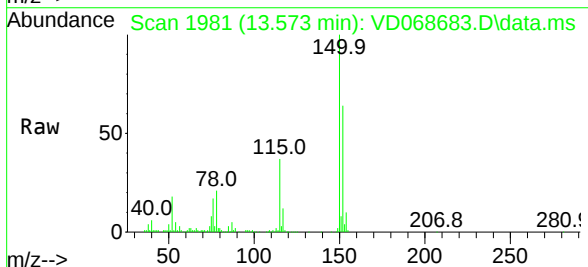
Instrument :
MSVOA_D
ClientSampled :

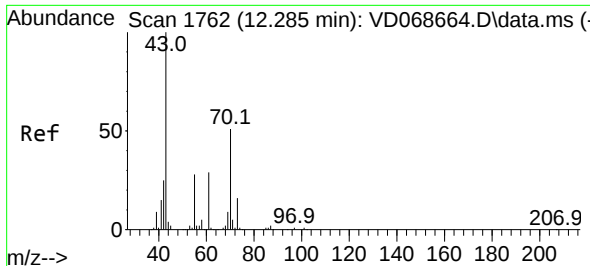
Tgt Ion:117 Resp: 407195
Ion Ratio Lower Upper
117 100
82 54.4 43.5 65.3
119 32.8 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068683.D
Acq: 26 Mar 2021 14:40

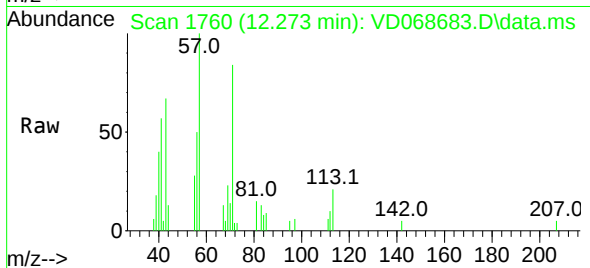
Tgt Ion:152 Resp: 139688
Ion Ratio Lower Upper
152 100
115 58.8 29.3 87.8
150 157.4 0.0 347.6



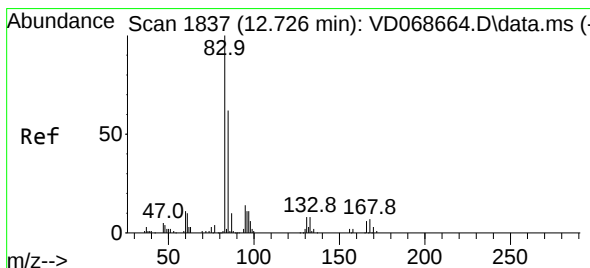
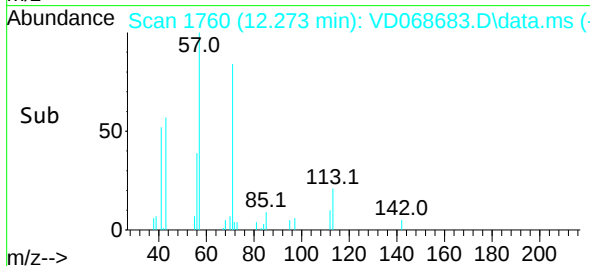
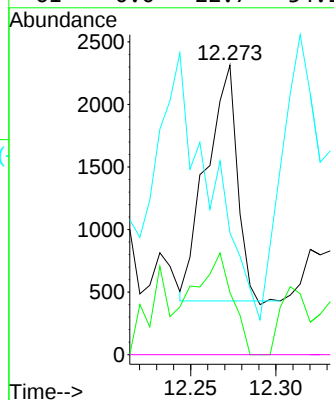


#74
N-amy1 acetate
Concen: 1.48 ug/l
RT: 12.273 min Scan# 1760
Delta R.T. -0.012 min
Lab File: VD068683.D
Acq: 26 Mar 2021 14:40

Instrument :
MSVOA_D
ClientSampleId :

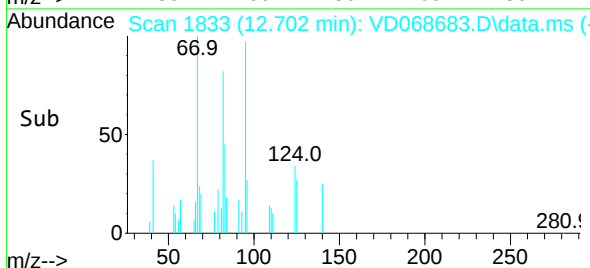
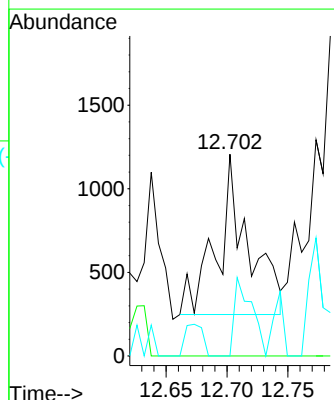
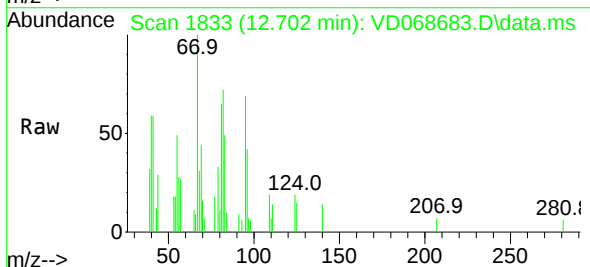


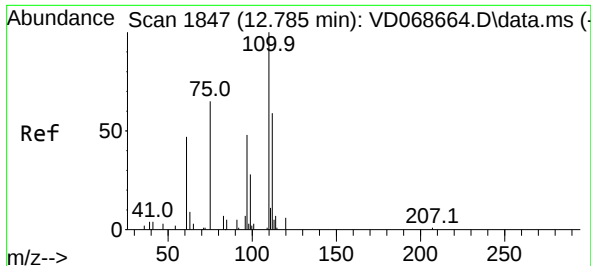
Tgt Ion: 43 Resp: 2372
Ion Ratio Lower Upper
43 100
70 49.9 41.9 62.9
55 0.0 22.8 34.2#
61 0.0 22.7 34.1#



#75
1,1,2,2-Tetrachloroethane
Concen: 1.01 ug/l
RT: 12.702 min Scan# 1833
Delta R.T. -0.023 min
Lab File: VD068683.D
Acq: 26 Mar 2021 14:40

Tgt Ion: 83 Resp: 1715
Ion Ratio Lower Upper
83 100
131 0.0 5.1 15.3#
85 27.1 32.0 96.0#

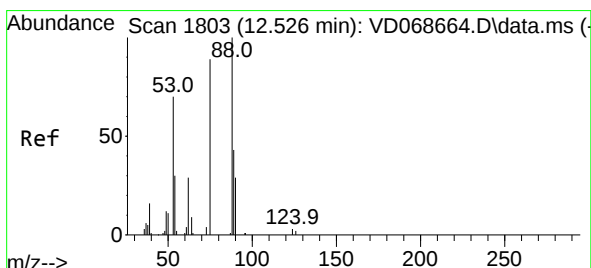
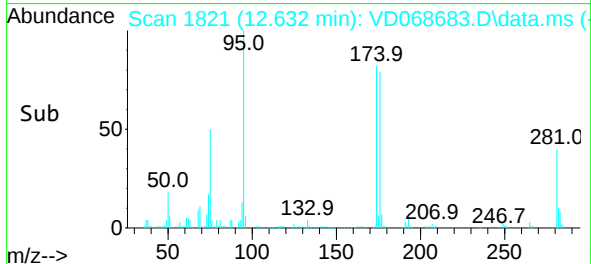
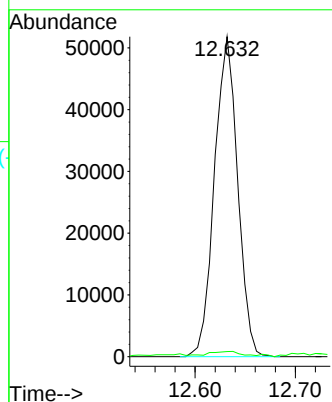
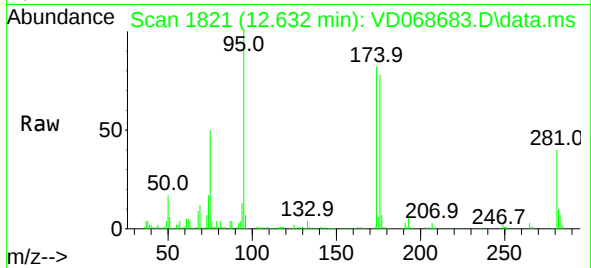




#76
1,2,3-Trichloropropane
Concen: 71.62 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068683.D
Acq: 26 Mar 2021 14:40

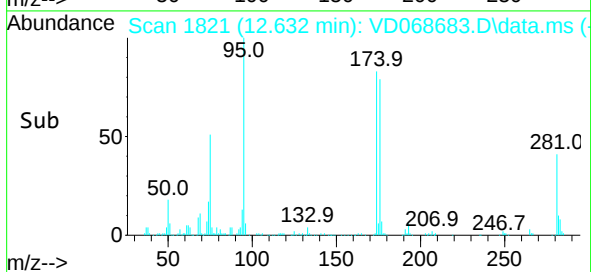
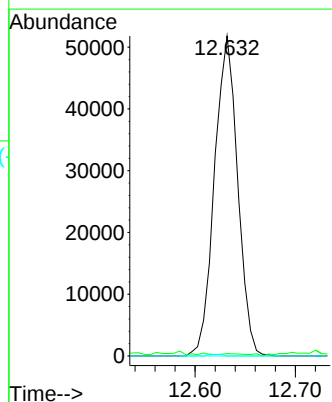
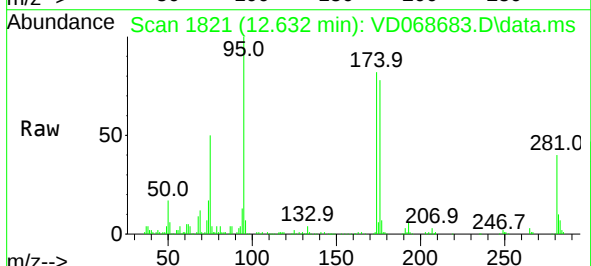
Instrument :
MSVOA_D
ClientSampled :

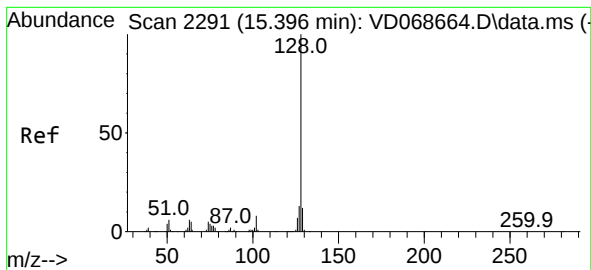
Tgt Ion: 75 Resp: 83274
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 162.95 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068683.D
Acq: 26 Mar 2021 14:40

Tgt Ion: 75 Resp: 83274
Ion Ratio Lower Upper
75 100
53 0.9 66.8 100.2#
89 0.0 36.6 54.8#





#95
Naphthalene
Concen: 1.36 ug/l
RT: 15.402 min Scan# 2292
Delta R.T. 0.006 min
Lab File: VD068683.D
Acq: 26 Mar 2021 14:40

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 5909
Ion Ratio Lower Upper
128 100
127 16.5 10.2 15.4#
129 0.0 8.9 13.3#

