

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030221\
 Data File : VD068498.D
 Acq On : 02 Mar 2021 16:10
 Operator : VA/SY
 Sample : M1543-02
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC

Quant Time: Mar 02 23:59:00 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)

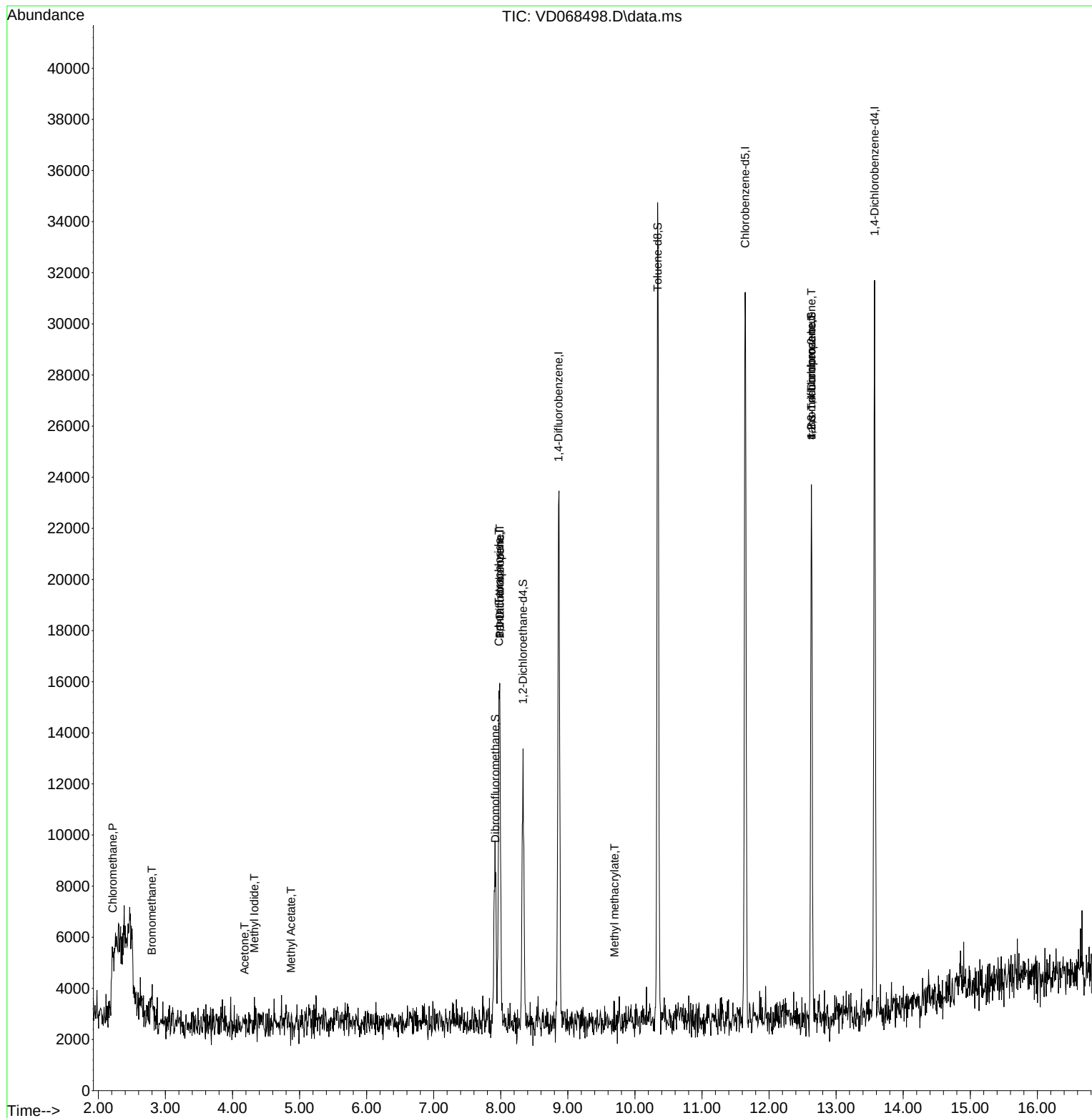
Internal Standards						
1) Pentafluorobenzene	7.985	168	11949	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	18942	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	18197	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	8295	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	8136	68.15	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 136.30%			
35) Dibromofluoromethane	7.920	113	5040	44.17	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 88.34%			
50) Toluene-d8	10.338	98	23014	50.64	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.28%			
62) 4-Bromofluorobenzene	12.632	95	7244	49.45	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 98.90%			
Target Compounds						Qvalue
3) Chloromethane	2.215	50	553	3.77	ug/l #	43
5) Bromomethane	2.797	94	1004	8.10	ug/l #	31
10) Methyl Iodide	4.326	142	317	4.70	ug/l #	58
16) Acetone	4.179	43	84	4.43	ug/l #	44
18) Methyl Acetate	4.873	43	67	1.37	ug/l #	43
20) Methylene Chloride	4.956	84	410	Below Cal	#	14
36) 1,1-Dichloropropene	7.985	75	797	4.43	ug/l #	39
38) Carbon Tetrachloride	7.973	117	1074	6.35	ug/l #	12
48) Methyl methacrylate	9.697	41	63	1.08	ug/l #	11
76) 1,2,3-Trichloropropane	12.632	75	3678	49.95	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	3678	116.56	ug/l #	13

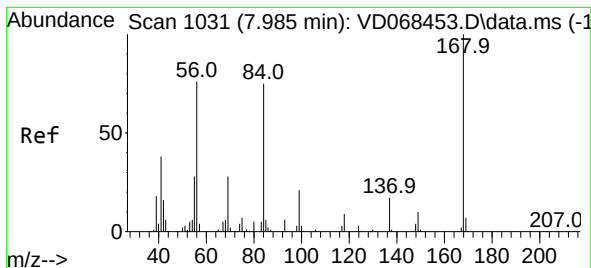
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_D
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VOC

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Quant Title : SW846 8260
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Response via : Initial Calibration

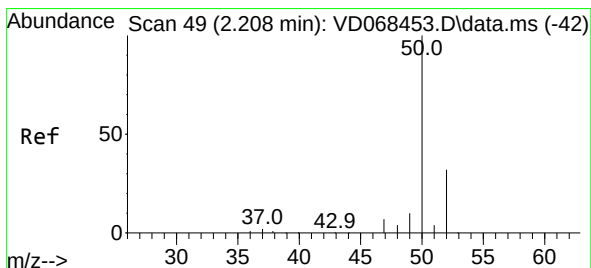
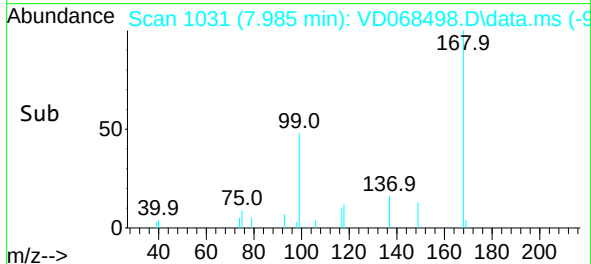
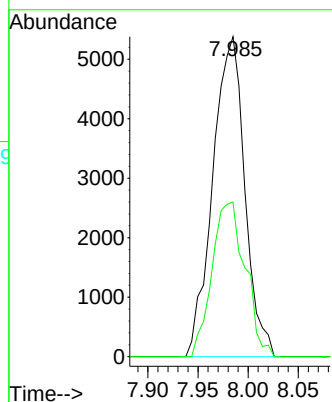
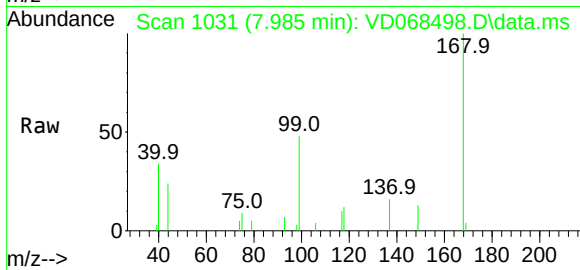




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068498.D
Acq: 02 Mar 2021 16:10

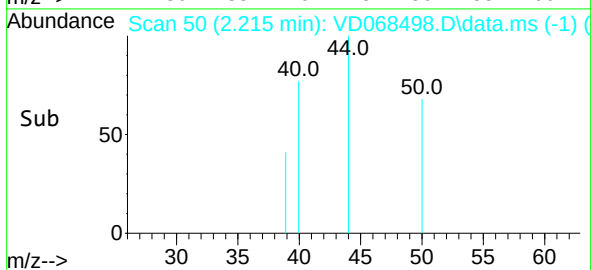
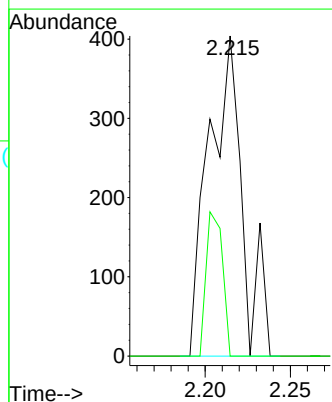
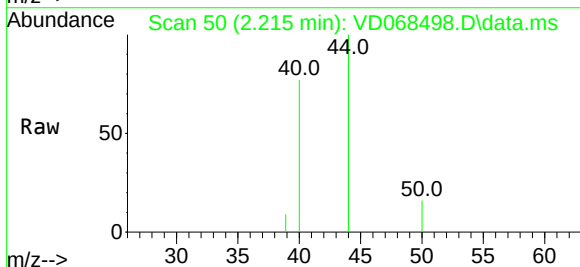
Instrument :
MSVOA_D
ClientSampled :
VOC

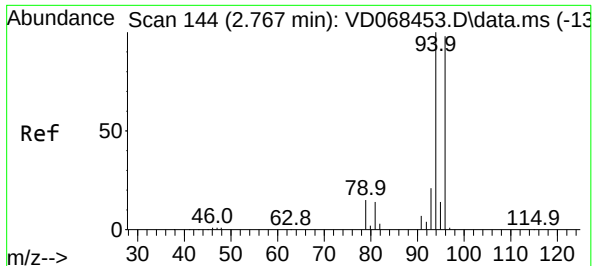
Tgt Ion:168 Resp: 11949
Ion Ratio Lower Upper
168 100
99 48.3 43.5 65.3



#3
Chloromethane
Concen: 3.77 ug/l
RT: 2.215 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD068498.D
Acq: 02 Mar 2021 16:10

Tgt Ion: 50 Resp: 553
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#

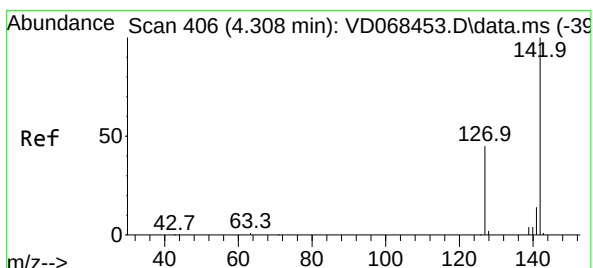
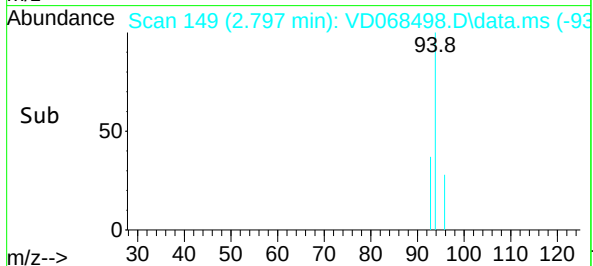
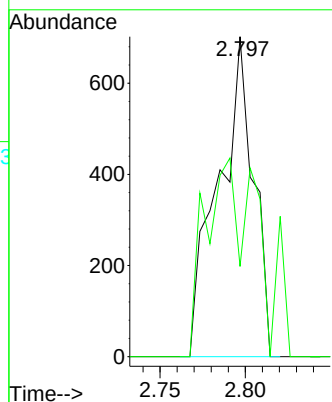
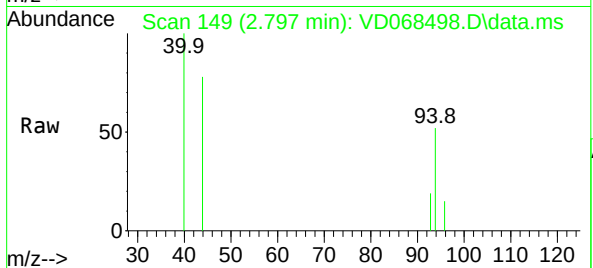




#5
Bromomethane
Concen: 8.10 ug/l
RT: 2.797 min Scan# 149
Delta R.T. 0.030 min
Lab File: VD068498.D
Acq: 02 Mar 2021 16:10

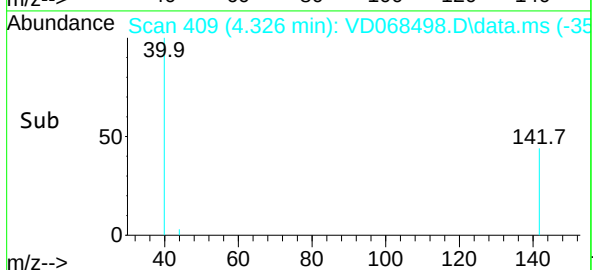
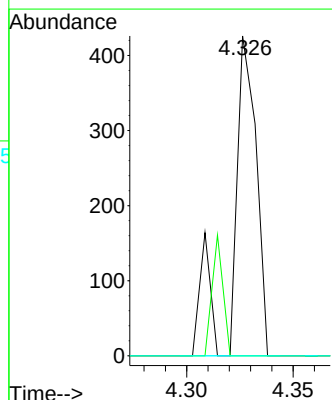
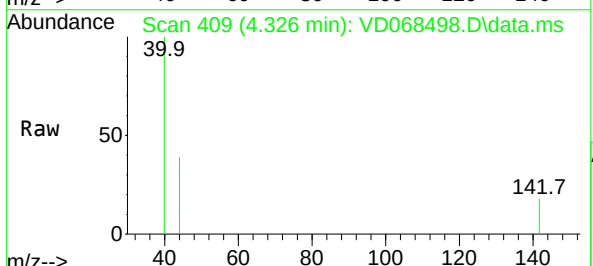
Instrument :
MSVOA_D
ClientSampled :
VOC

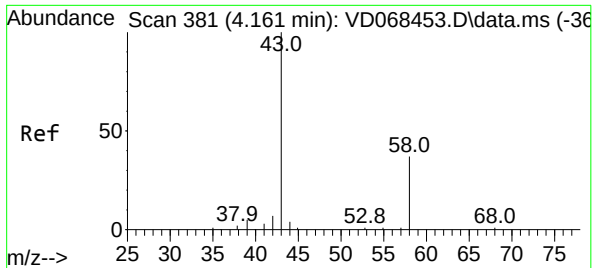
Tgt Ion: 94 Resp: 1004
Ion Ratio Lower Upper
94 100
96 28.2 75.8 113.8#



#10
Methyl Iodide
Concen: 4.70 ug/l
RT: 4.326 min Scan# 409
Delta R.T. 0.018 min
Lab File: VD068498.D
Acq: 02 Mar 2021 16:10

Tgt Ion: 142 Resp: 317
Ion Ratio Lower Upper
142 100
127 18.0 37.9 56.9#
141 0.0 11.5 17.3#

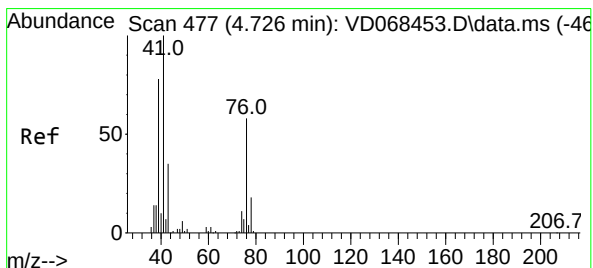
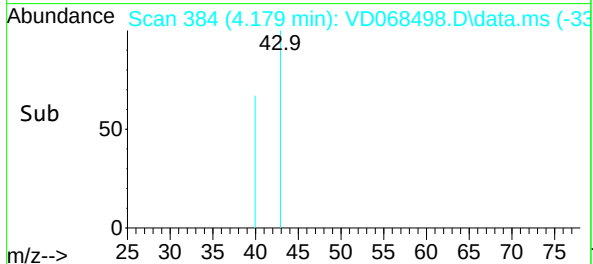
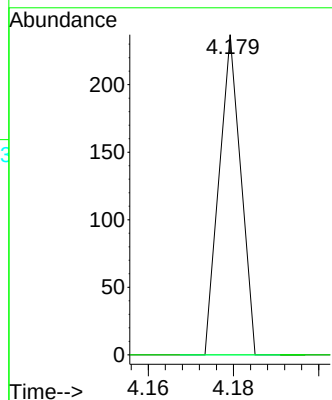
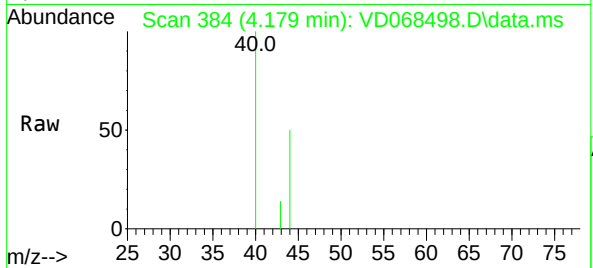




#16
Acetone
Concen: 4.43 ug/l
RT: 4.179 min Scan# 384
Delta R.T. 0.018 min
Lab File: VD068498.D
Acq: 02 Mar 2021 16:10

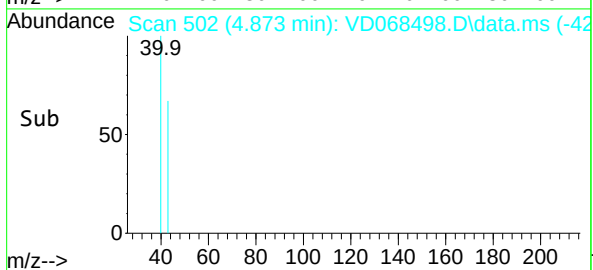
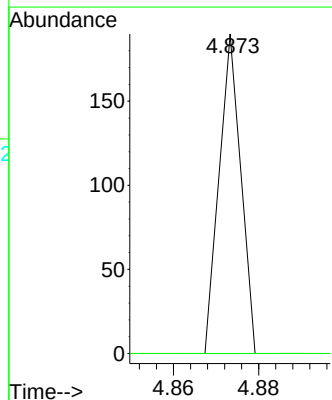
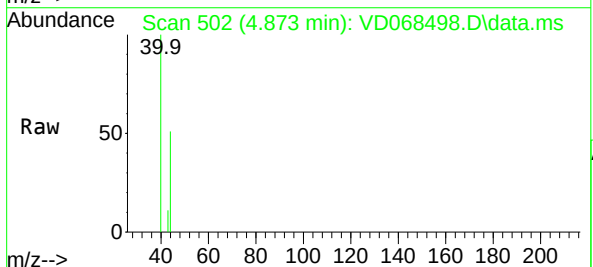
Instrument :
MSVOA_D
ClientSampled :
VOC

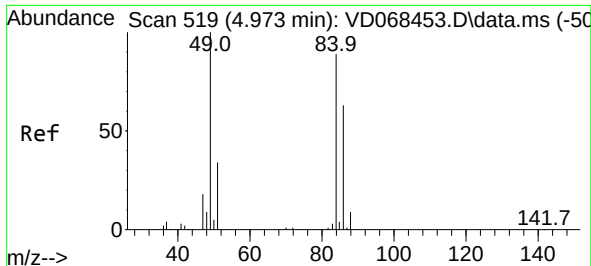
Tgt Ion: 43 Resp: 84
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.4#



#18
Methyl Acetate
Concen: 1.37 ug/l
RT: 4.873 min Scan# 502
Delta R.T. 0.147 min
Lab File: VD068498.D
Acq: 02 Mar 2021 16:10

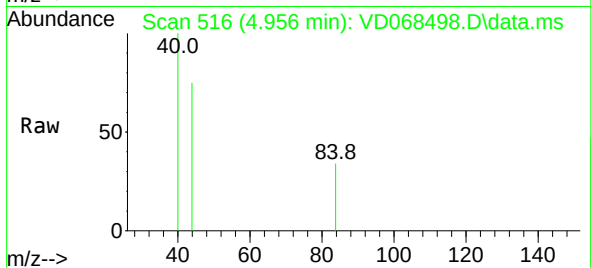
Tgt Ion: 43 Resp: 67
Ion Ratio Lower Upper
43 100
74 0.0 25.4 38.0#



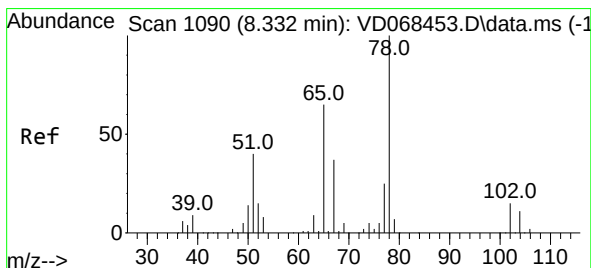
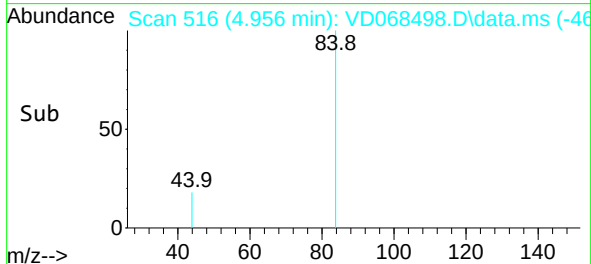
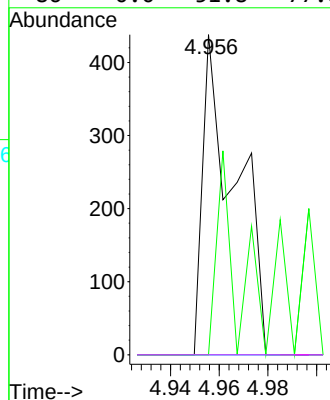


#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.017 min
Lab File: VD068498.D
Acq: 02 Mar 2021 16:10

Instrument :
MSVOA_D
ClientSampled :
VOC

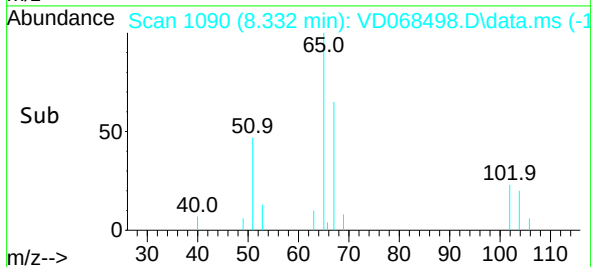
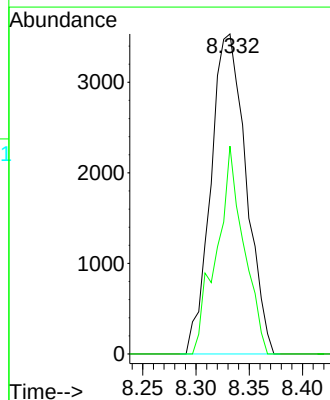
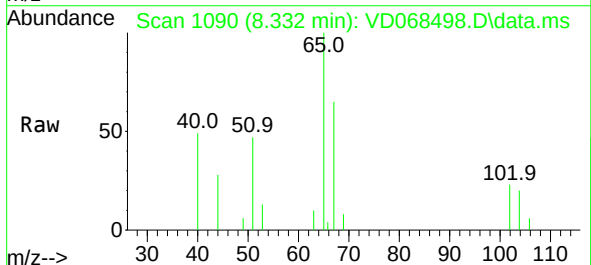


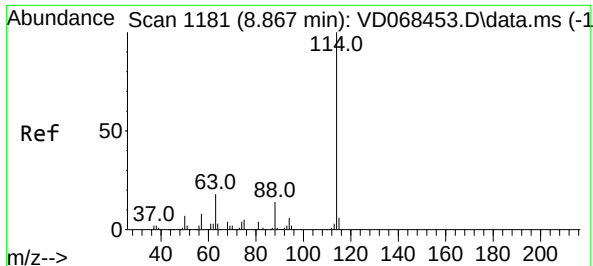
Tgt Ion: 84 Resp: 410
Ion Ratio Lower Upper
84 100
49 0.0 77.4 116.2#
51 0.0 26.1 39.1#
86 0.0 51.8 77.8#



#33
1,2-Dichloroethane-d4
Concen: 68.15 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068498.D
Acq: 02 Mar 2021 16:10

Tgt Ion: 65 Resp: 8136
Ion Ratio Lower Upper
65 100
67 50.1 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.861 min Scan# 1180

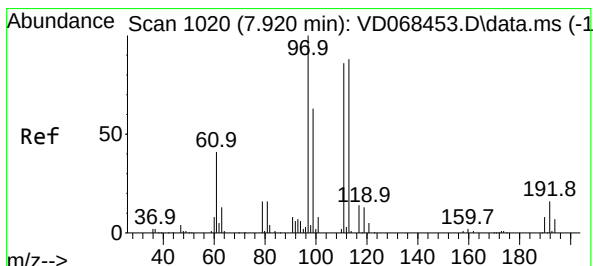
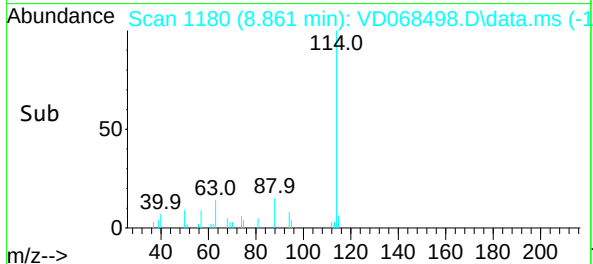
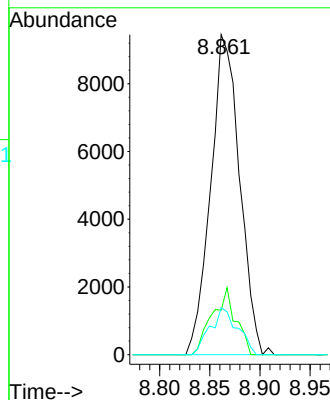
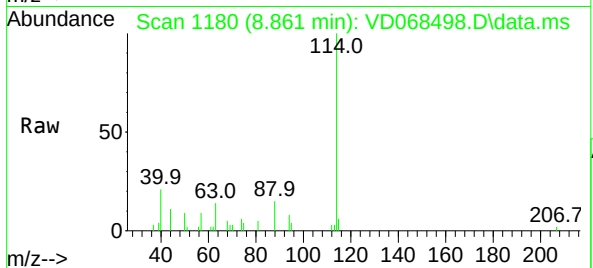
Delta R.T. -0.006 min

Lab File: VD068498.D

Acq: 02 Mar 2021 16:10

Tgt Ion:	114	Resp:	18942
Ion Ratio	Lower	Upper	
114	100		
63	13.9	0.0	34.8
88	14.6	0.0	31.6

Instrument :
MSVOA_D
ClientSampled :
VOC



#35

Dibromofluoromethane

Concen: 44.17 ug/l

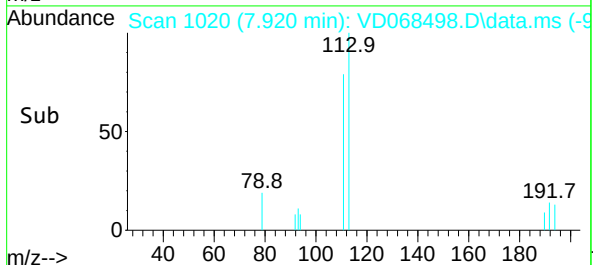
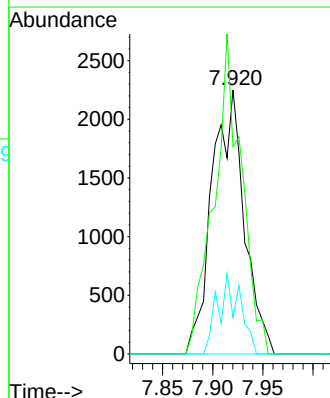
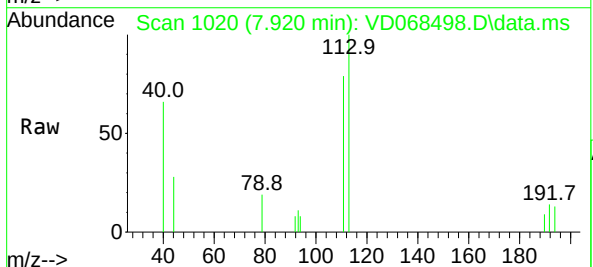
RT: 7.920 min Scan# 1020

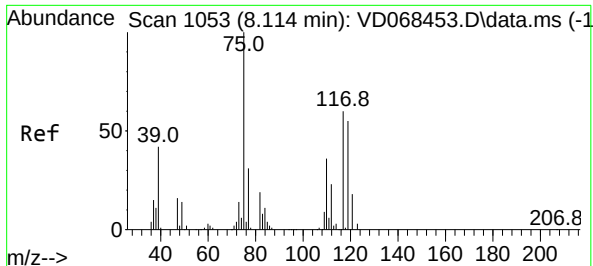
Delta R.T. 0.000 min

Lab File: VD068498.D

Acq: 02 Mar 2021 16:10

Tgt Ion:	113	Resp:	5040
Ion Ratio	Lower	Upper	
113	100		
111	103.2	81.4	122.0
192	20.8	16.1	24.1

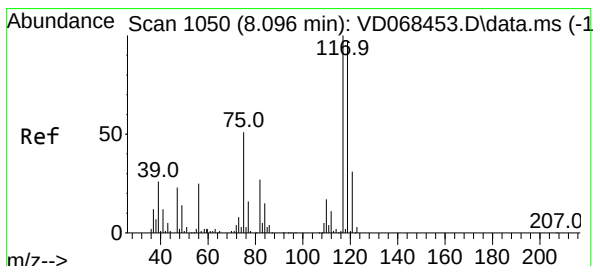
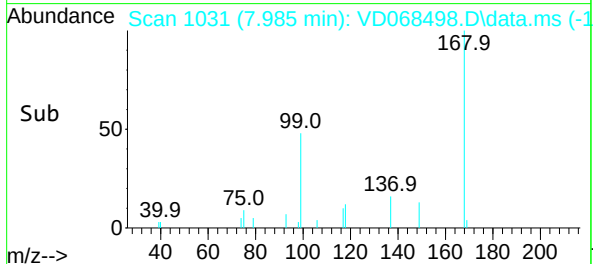
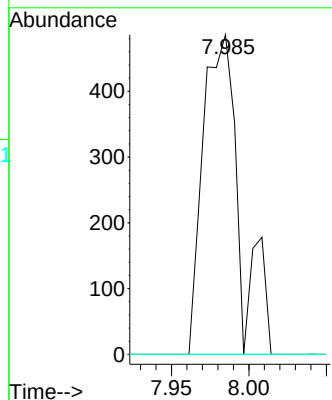
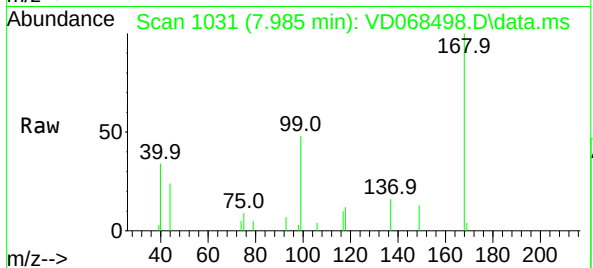




#36
1,1-Dichloropropene
Concen: 4.43 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.129 min
Lab File: VD068498.D
Acq: 02 Mar 2021 16:10

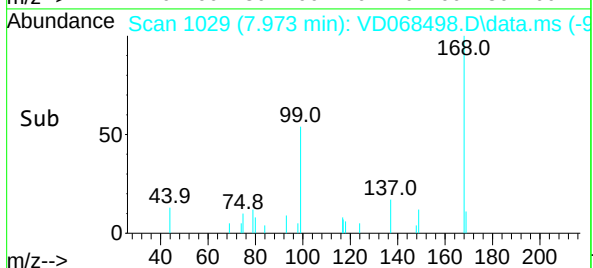
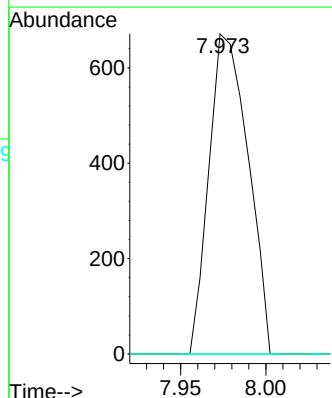
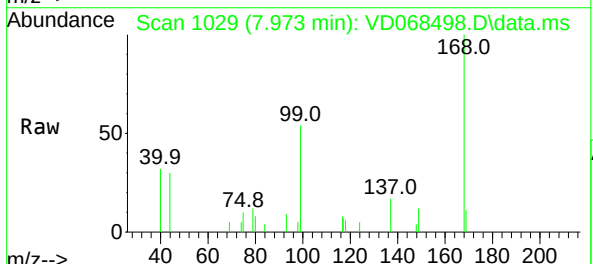
Instrument :
MSVOA_D
ClientSampled :
VOC

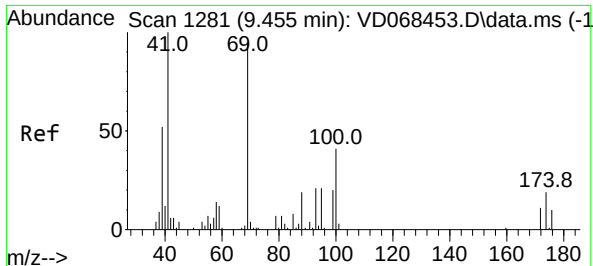
Tgt Ion: 75 Resp: 797
Ion Ratio Lower Upper
75 100
110 0.0 19.4 58.2#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.35 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.123 min
Lab File: VD068498.D
Acq: 02 Mar 2021 16:10

Tgt Ion: 117 Resp: 1074
Ion Ratio Lower Upper
117 100
119 0.0 77.3 115.9#
121 0.0 24.7 37.1#

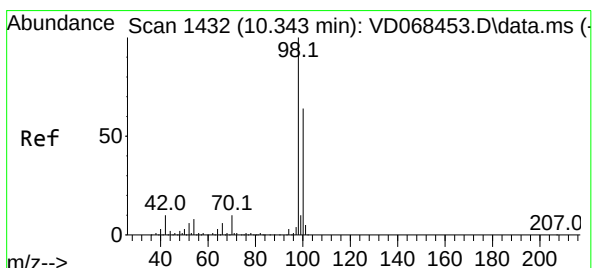
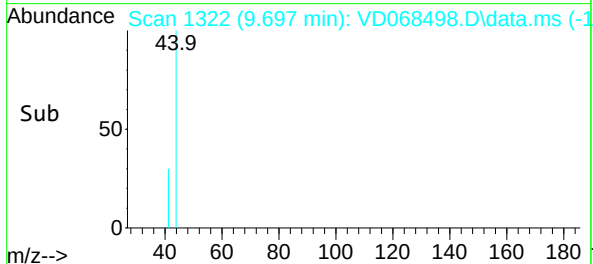
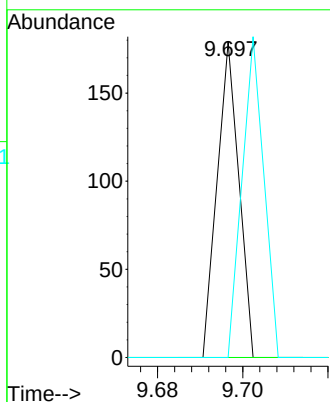
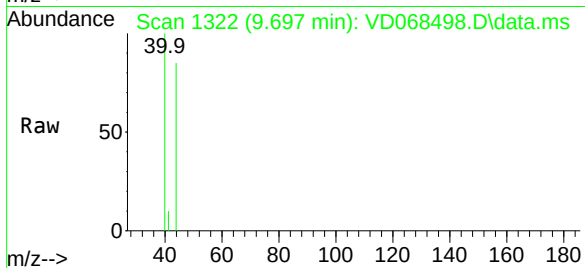




#48
Methyl methacrylate
Concen: 1.08 ug/l
RT: 9.697 min Scan# 1322
Delta R.T. 0.241 min
Lab File: VD068498.D
Acq: 02 Mar 2021 16:10

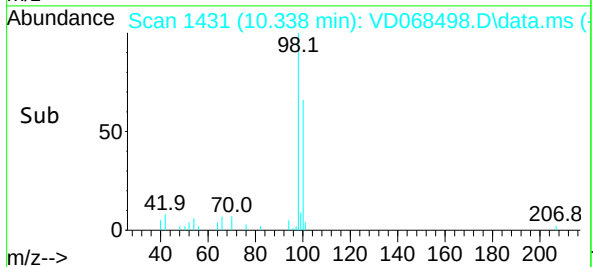
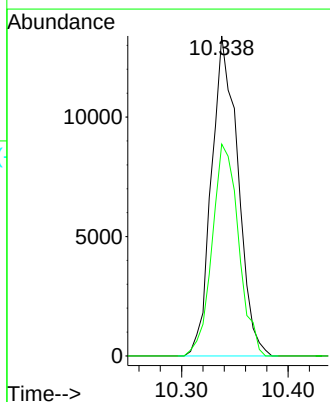
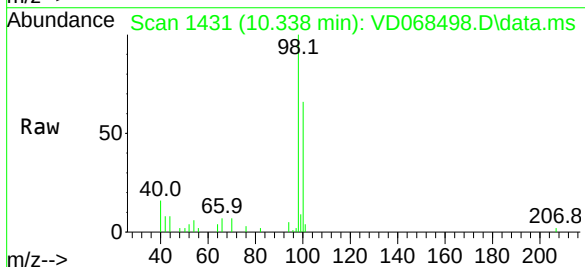
Instrument :
MSVOA_D
ClientSampled :
VOC

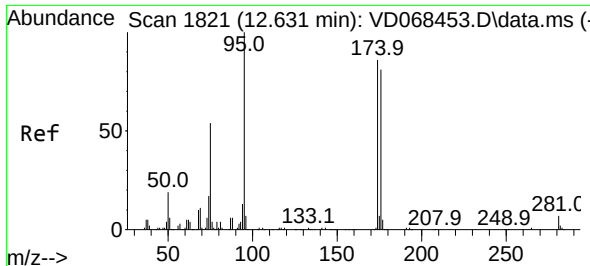
Tgt Ion:	41	Resp:	63
Ion	Ratio	Lower	Upper
41	100		
69	0.0	77.1	115.7#
39	101.6	41.5	62.3#



#50
Toluene-d8
Concen: 50.64 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD068498.D
Acq: 02 Mar 2021 16:10

Tgt Ion:	98	Resp:	23014
Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.0	79.4

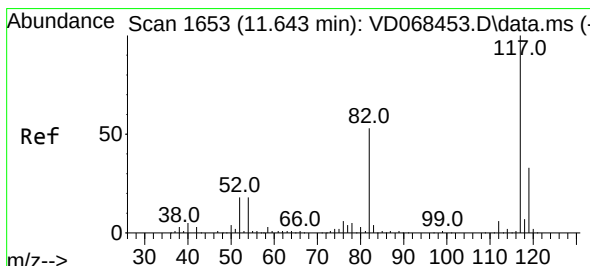
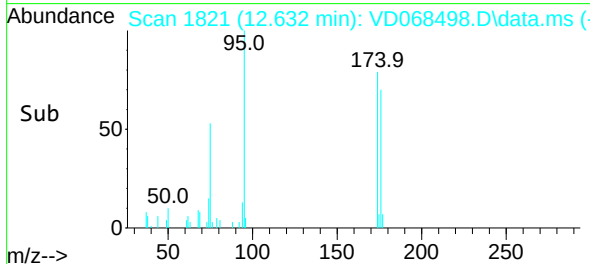
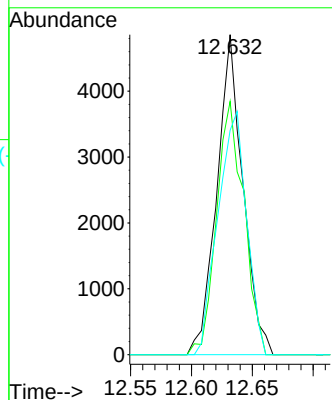
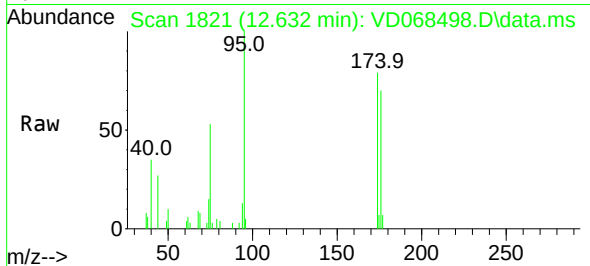




#62
4-Bromofluorobenzene
Concen: 49.45 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068498.D
Acq: 02 Mar 2021 16:10

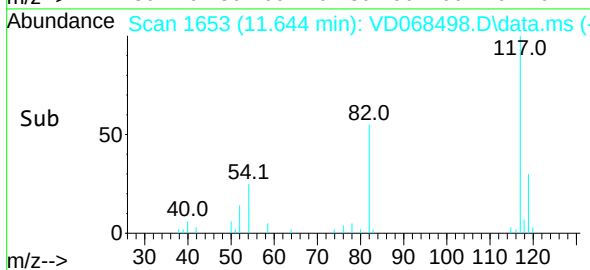
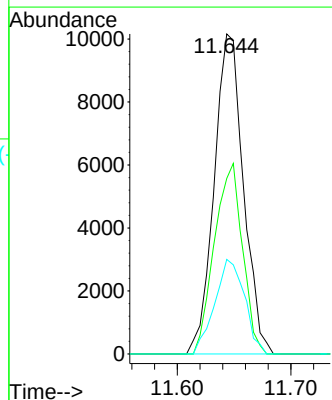
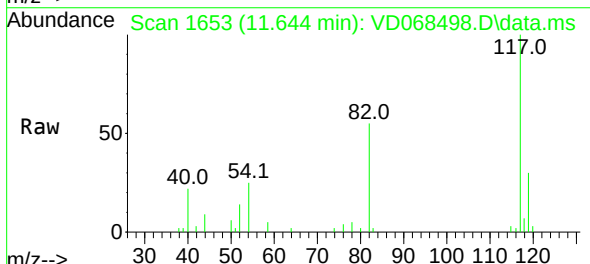
Instrument :
MSVOA_D
ClientSampled :
VOC

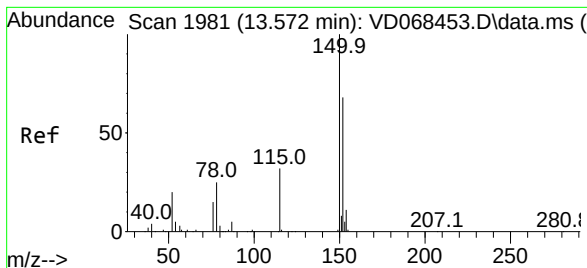
Tgt Ion:	95	Resp:	7244
Ion	Ratio	Lower	Upper
95	100		
174	82.8	0.0	172.4
176	83.6	0.0	168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068498.D
Acq: 02 Mar 2021 16:10

Tgt Ion:	117	Resp:	18197
Ion	Ratio	Lower	Upper
117	100		
82	54.8	41.4	62.0
119	29.6	26.1	39.1

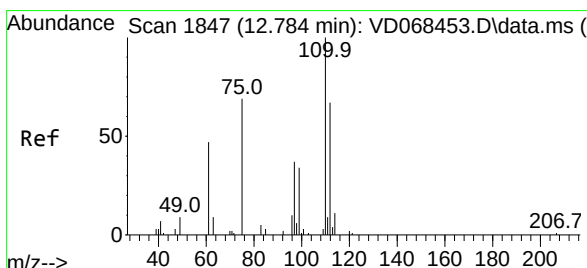
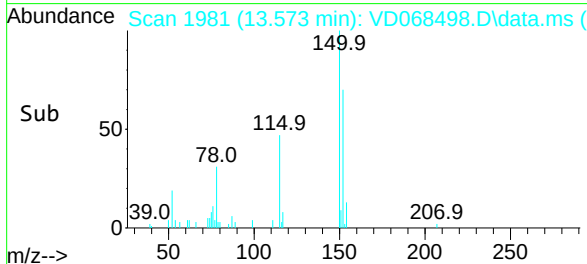
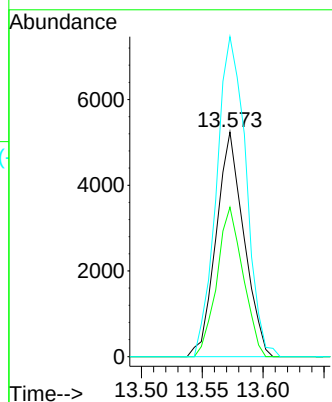
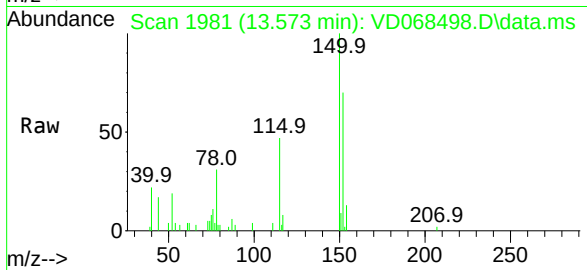




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068498.D
Acq: 02 Mar 2021 16:10

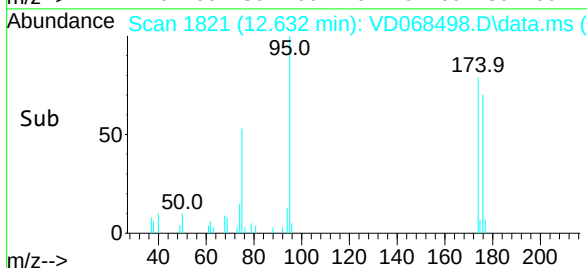
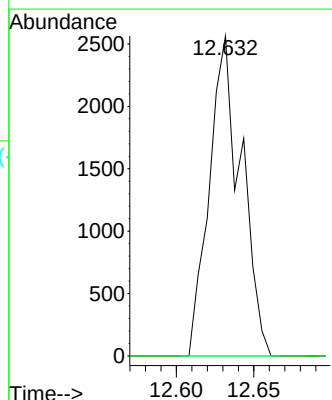
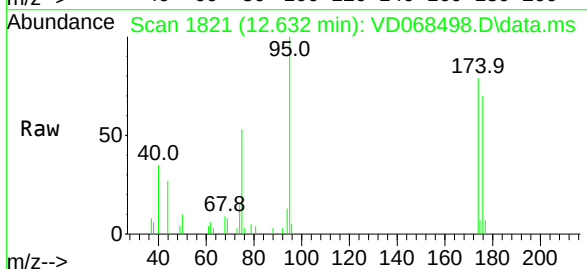
Instrument :
MSVOA_D
ClientSampled :
VOC

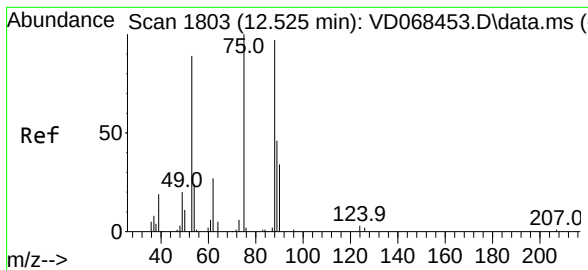
Tgt Ion:152 Resp: 8295
Ion Ratio Lower Upper
152 100
115 62.6 28.9 86.8
150 151.3 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 49.95 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.152 min
Lab File: VD068498.D
Acq: 02 Mar 2021 16:10

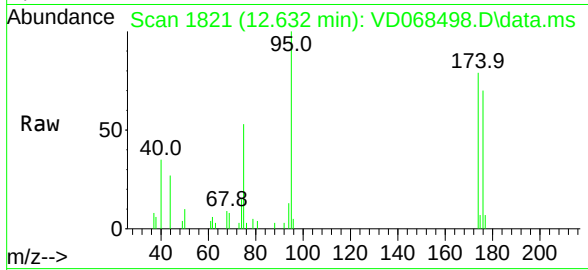
Tgt Ion: 75 Resp: 3678
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 116.56 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068498.D
 Acq: 02 Mar 2021 16:10

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	70.2	105.2#
89	0.0	40.3	60.5#

