

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021721\
 Data File : VD068383.D
 Acq On : 17 Feb 2021 15:19
 Operator : VA/SY
 Sample : M1430-17
 Misc : 4.43G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 G-1

Quant Time: Feb 18 00:12:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 12 13:30:51 2021
 Response via : Initial Calibration

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

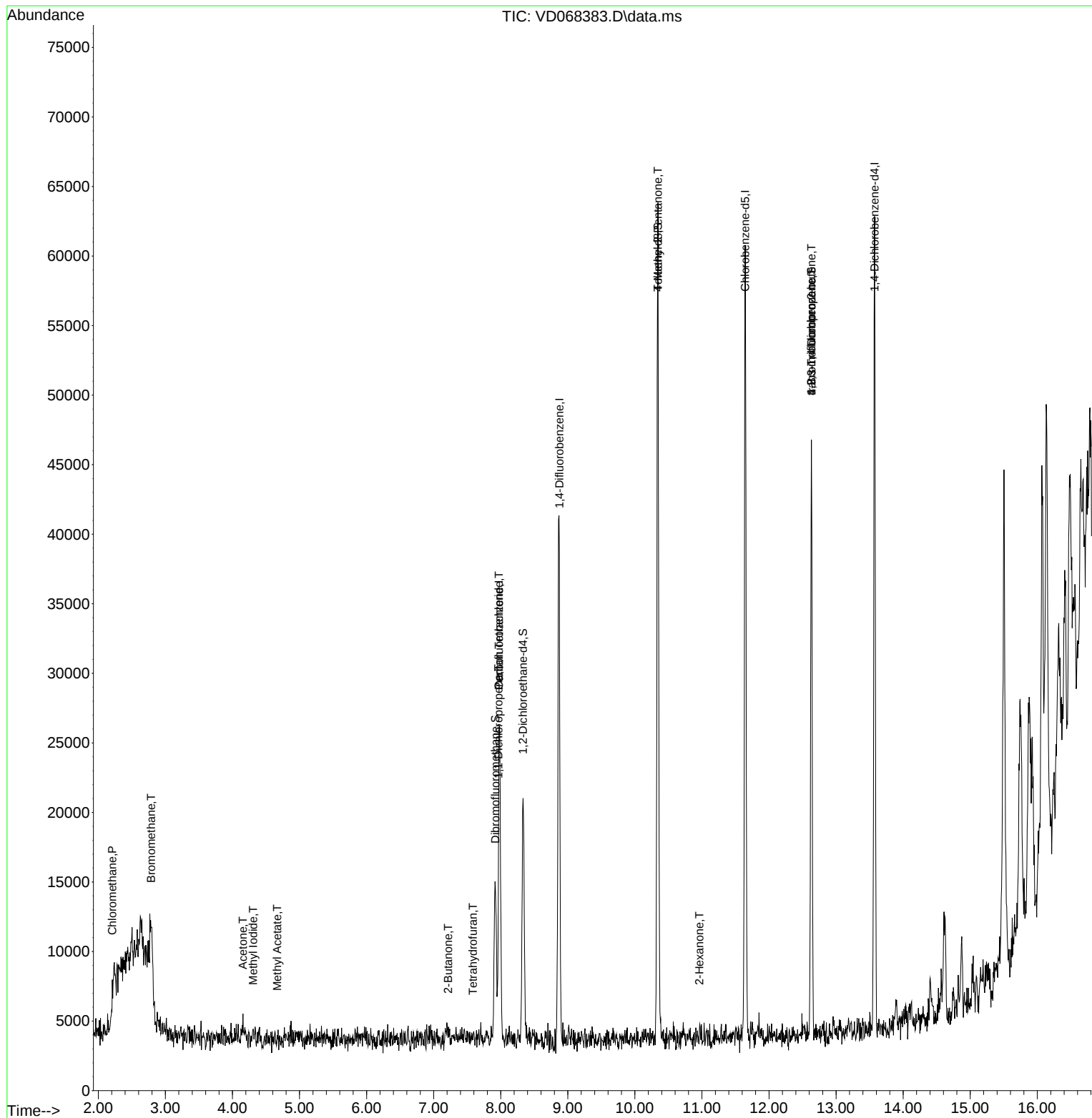
Internal Standards						
1) Pentafluorobenzene	7.973	168	17238	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.873	114	32529	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	32522	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	15764	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	13604	77.20	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 154.40%			
35) Dibromofluoromethane	7.920	113	9099	47.13	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 94.26%			
50) Toluene-d8	10.344	98	41241	51.53	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.06%			
62) 4-Bromofluorobenzene	12.632	95	14296	54.84	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.68%			
Target Compounds					Qvalue	
3) Chloromethane	2.209	50	634	3.37	ug/l #	63
5) Bromomethane	2.785	94	1511	9.39	ug/l #	68
10) Methyl Iodide	4.309	142	563	3.56	ug/l #	52
16) Acetone	4.156	43	1619	59.55	ug/l #	72
18) Methyl Acetate	4.668	43	130	1.74	ug/l #	43
25) 2-Butanone	7.214	43	251	6.60	ug/l #	43
29) Tetrahydrofuran	7.585	42	56	2.28	ug/l #	26
31) Cyclohexane	7.985	56	401	Below Cal	#	1
36) 1,1-Dichloropropene	7.967	75	1642	5.71	ug/l #	39
38) Carbon Tetrachloride	7.973	117	1811	6.60	ug/l #	12
51) 4-Methyl-2-Pentanone	10.344	43	155	1.62	ug/l #	1
59) 2-Hexanone	10.961	43	73	1.13	ug/l #	19
76) 1,2,3-Trichloropropane	12.632	75	7682	51.21	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	7682	128.36	ug/l #	13

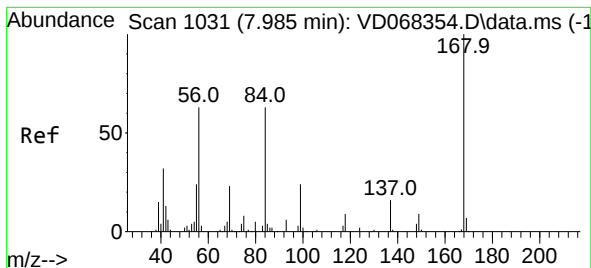
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_D
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G-1

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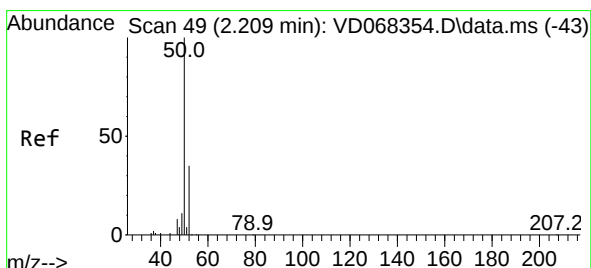
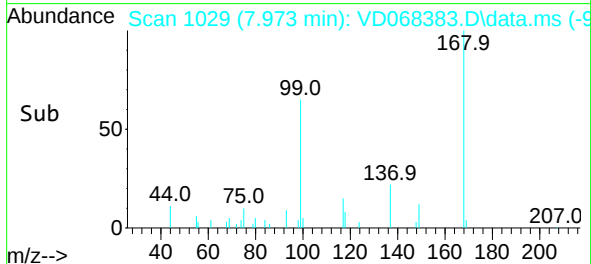
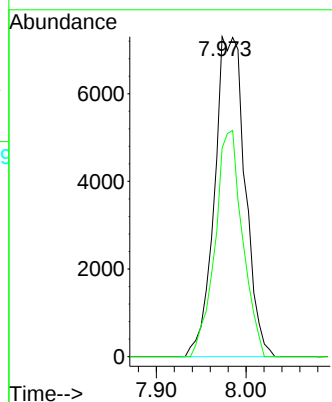
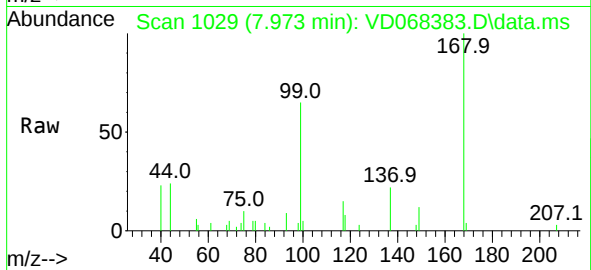




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD068383.D
Acq: 17 Feb 2021 15:19

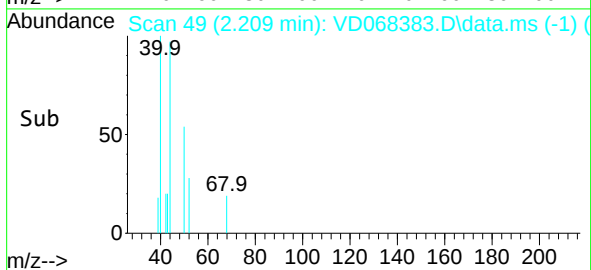
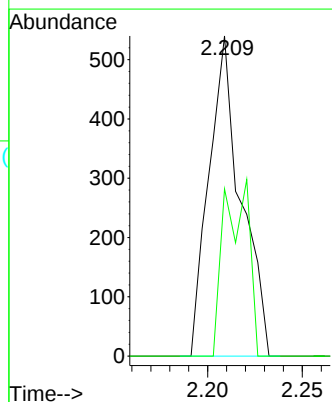
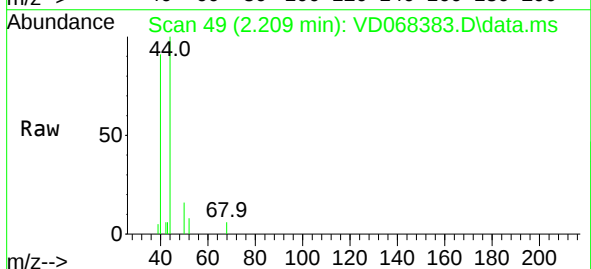
Instrument :
MSVOA_D
ClientSampled :
G-1

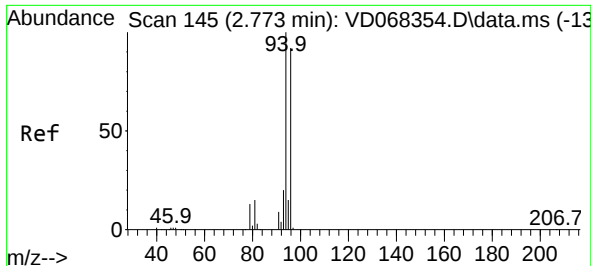
Tgt Ion:168 Resp: 17238
Ion Ratio Lower Upper
168 100
99 65.2 43.5 65.3



#3
Chloromethane
Concen: 3.37 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD068383.D
Acq: 17 Feb 2021 15:19

Tgt Ion: 50 Resp: 634
Ion Ratio Lower Upper
50 100
52 52.2 25.4 38.2#

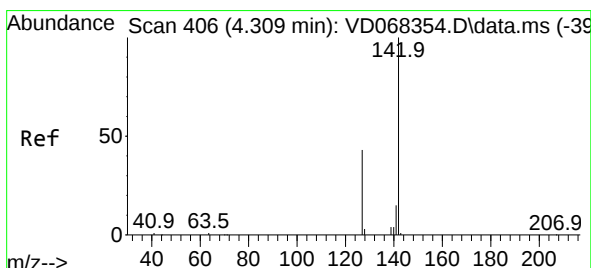
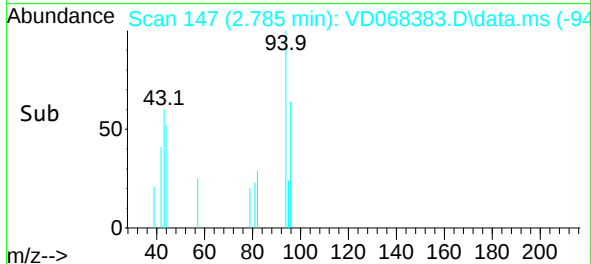
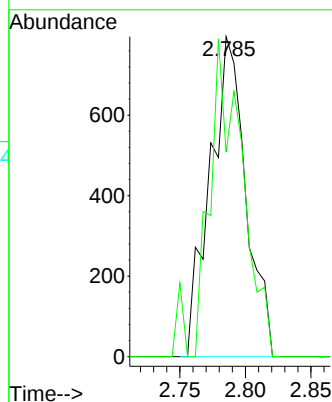
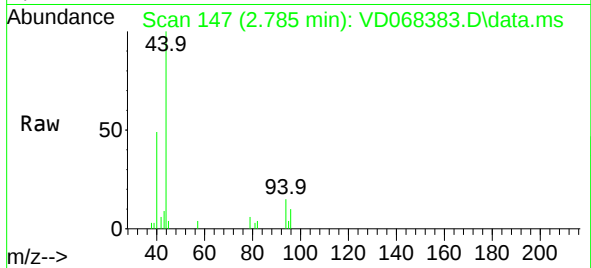




#5
Bromomethane
Concen: 9.39 ug/l
RT: 2.785 min Scan# 147
Delta R.T. 0.012 min
Lab File: VD068383.D
Acq: 17 Feb 2021 15:19

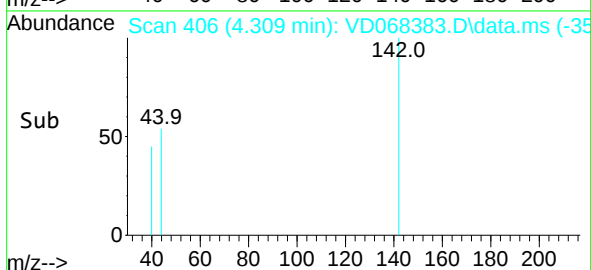
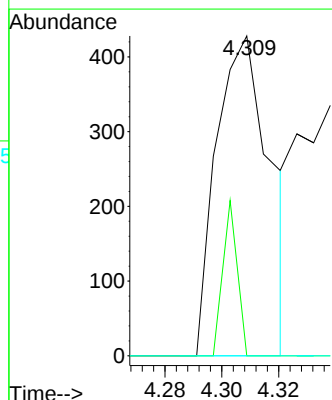
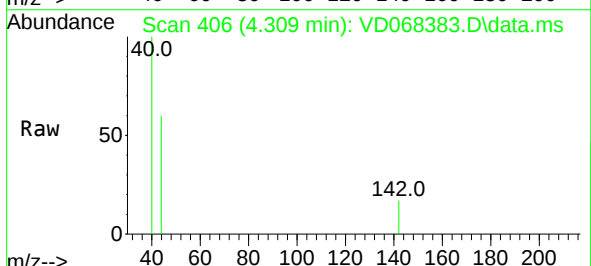
Instrument :
MSVOA_D
ClientSampled :
G-1

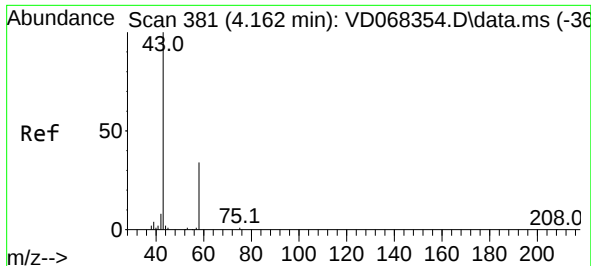
Tgt Ion: 94 Resp: 1511
Ion Ratio Lower Upper
94 100
96 63.9 75.8 113.8#



#10
Methyl Iodide
Concen: 3.56 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.000 min
Lab File: VD068383.D
Acq: 17 Feb 2021 15:19

Tgt Ion: 142 Resp: 563
Ion Ratio Lower Upper
142 100
127 13.0 37.9 56.9#
141 0.0 11.5 17.3#

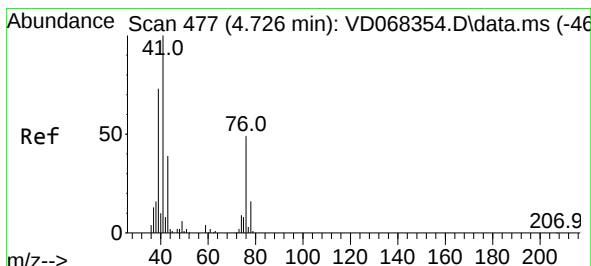
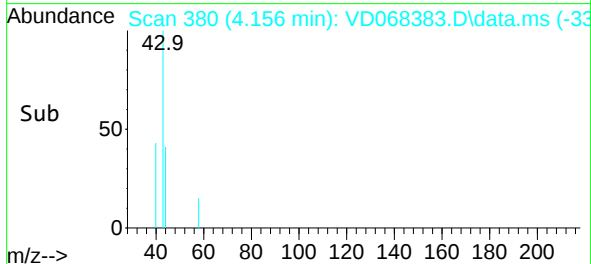
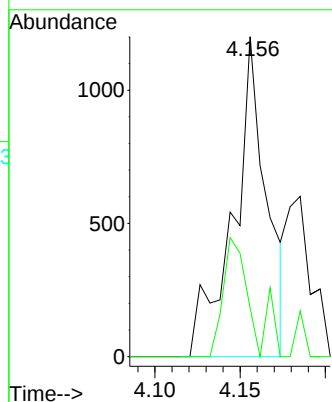
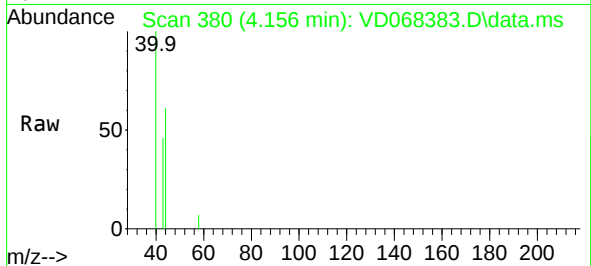




#16
Acetone
Concen: 59.55 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD068383.D
Acq: 17 Feb 2021 15:19

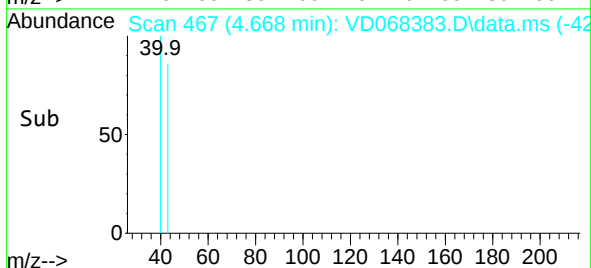
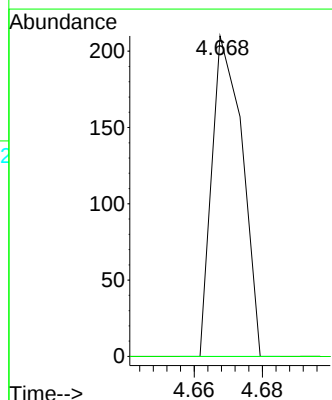
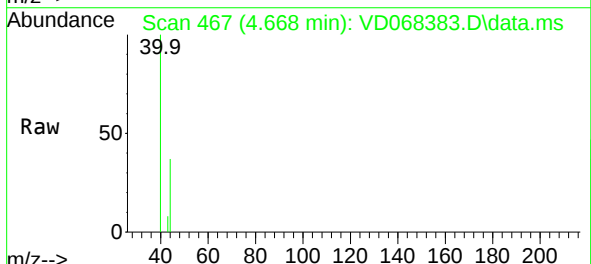
Instrument :
MSVOA_D
ClientSampled :
G-1

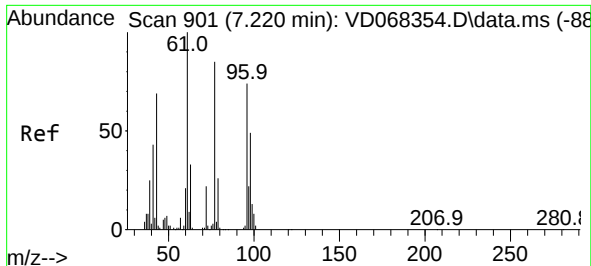
Tgt Ion: 43 Resp: 1619
Ion Ratio Lower Upper
43 100
58 15.2 24.2 36.4#



#18
Methyl Acetate
Concen: 1.74 ug/l
RT: 4.668 min Scan# 467
Delta R.T. -0.059 min
Lab File: VD068383.D
Acq: 17 Feb 2021 15:19

Tgt Ion: 43 Resp: 130
Ion Ratio Lower Upper
43 100
74 0.0 25.4 38.0#

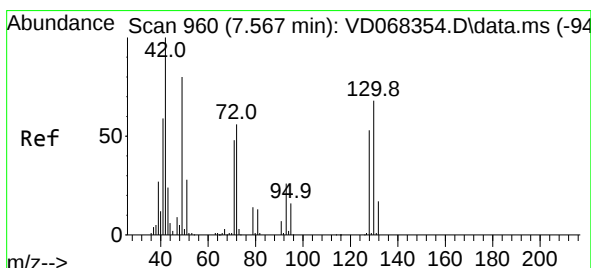
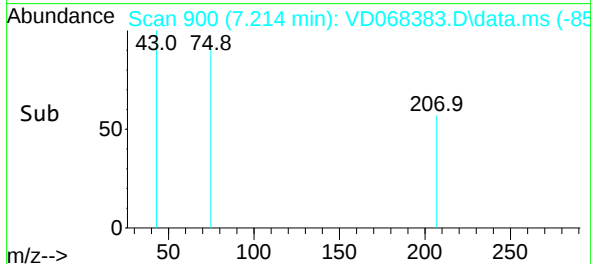
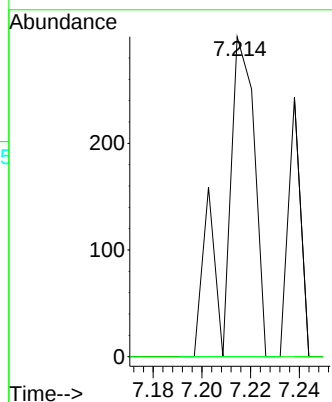
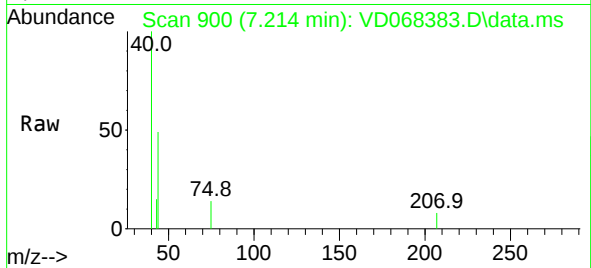




#25
2-Butanone
Concen: 6.60 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.006 min
Lab File: VD068383.D
Acq: 17 Feb 2021 15:19

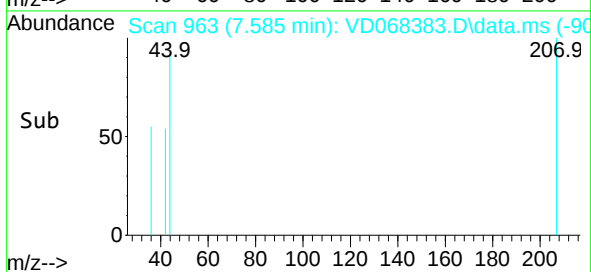
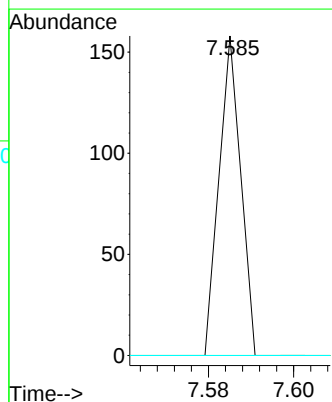
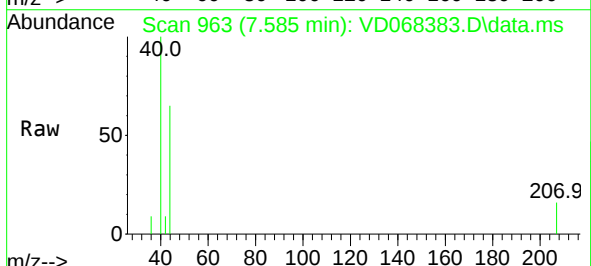
Instrument :
MSVOA_D
ClientSampled :
G-1

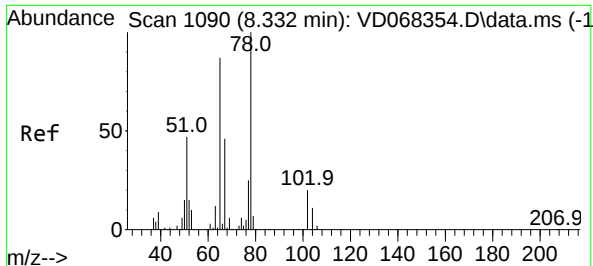
Tgt Ion: 43 Resp: 251
Ion Ratio Lower Upper
43 100
72 0.0 25.1 37.7#



#29
Tetrahydrofuran
Concen: 2.28 ug/l
RT: 7.585 min Scan# 963
Delta R.T. 0.018 min
Lab File: VD068383.D
Acq: 17 Feb 2021 15:19

Tgt Ion: 42 Resp: 56
Ion Ratio Lower Upper
42 100
72 0.0 43.4 65.0#
71 0.0 40.8 61.2#

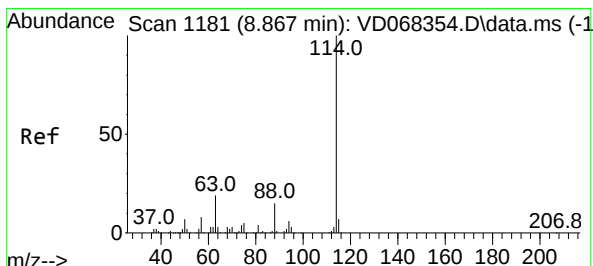
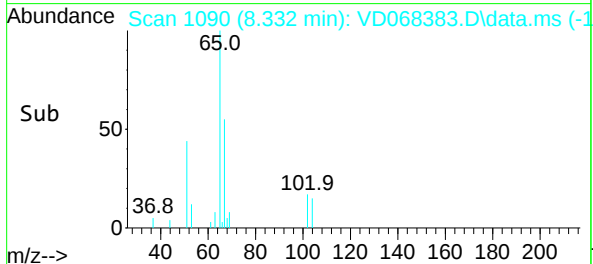
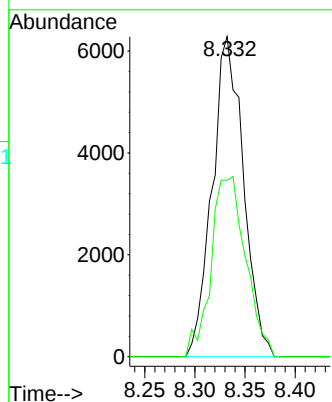
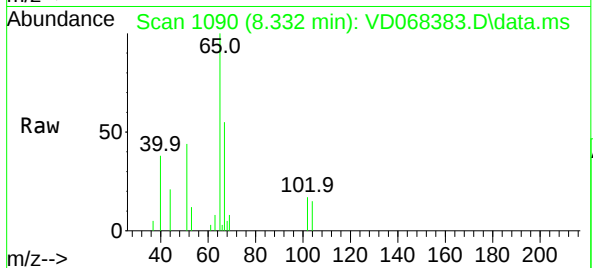




#33
1,2-Dichloroethane-d4
Concen: 77.20 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068383.D
Acq: 17 Feb 2021 15:19

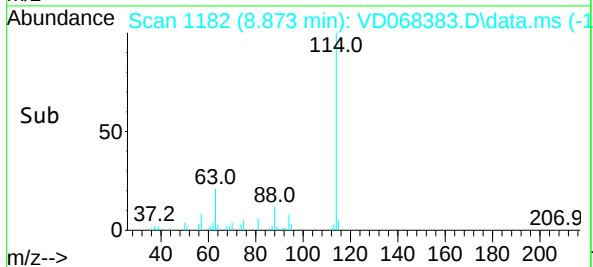
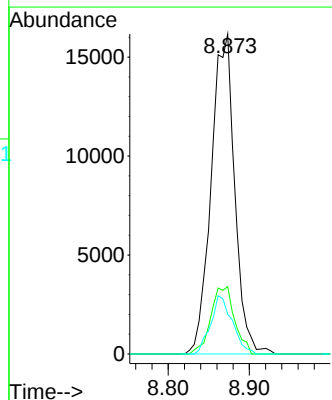
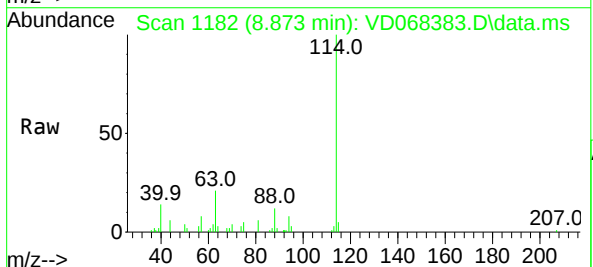
Instrument :
MSVOA_D
ClientSampled :
G-1

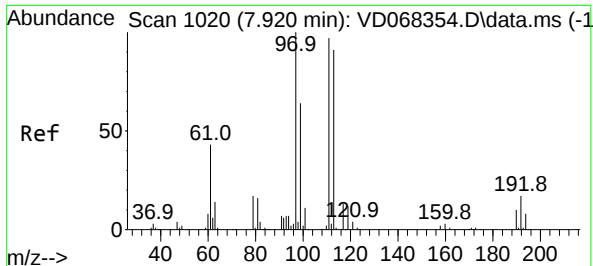
Tgt Ion: 65 Resp: 13604
Ion Ratio Lower Upper
65 100
67 62.4 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.873 min Scan# 1182
Delta R.T. 0.006 min
Lab File: VD068383.D
Acq: 17 Feb 2021 15:19

Tgt Ion: 114 Resp: 32529
Ion Ratio Lower Upper
114 100
63 21.1 0.0 34.8
88 12.3 0.0 31.6





#35

Dibromofluoromethane

Concen: 47.13 ug/l

RT: 7.920 min Scan# 1020

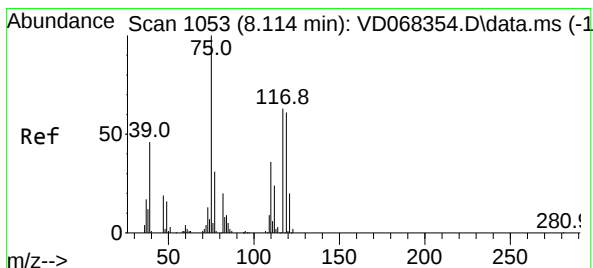
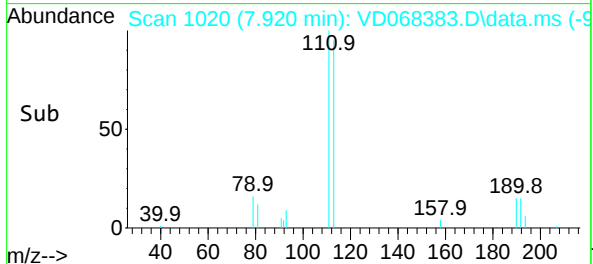
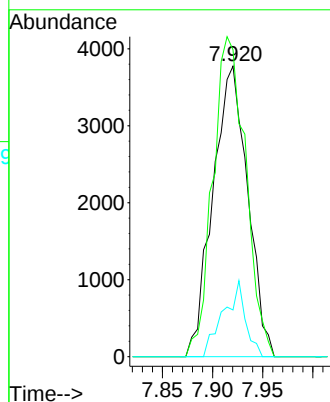
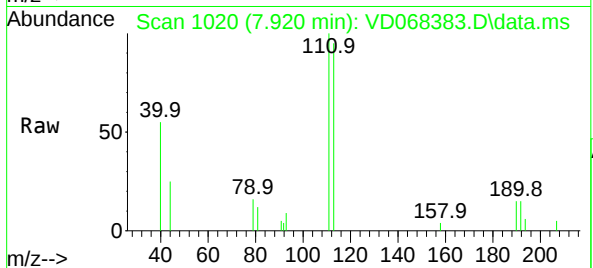
Delta R.T. 0.000 min

Lab File: VD068383.D

Acq: 17 Feb 2021 15:19

Tgt Ion:	113	Resp:	9099
Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.4	122.0
192	16.6	16.1	24.1

Instrument :
MSVOA_D
ClientSampled :
G-1



#36

1,1-Dichloropropene

Concen: 5.71 ug/l

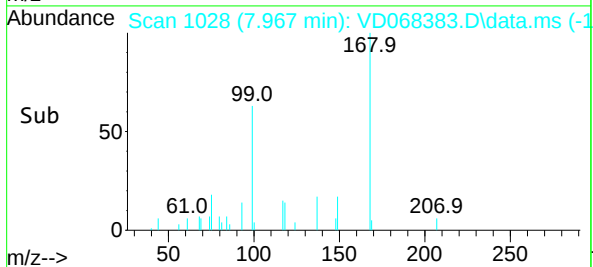
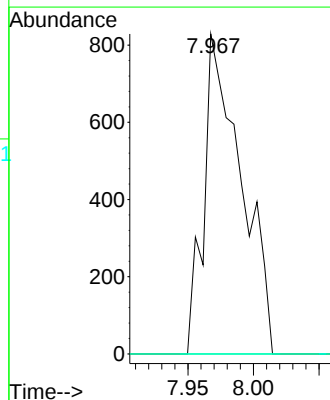
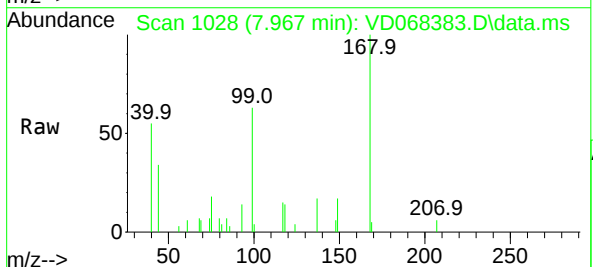
RT: 7.967 min Scan# 1028

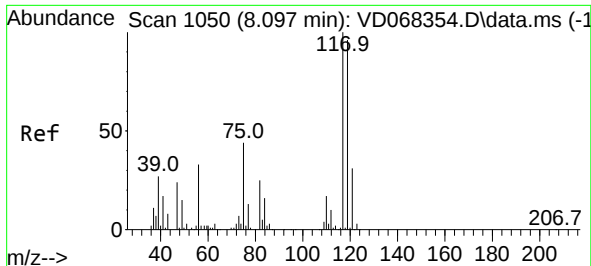
Delta R.T. -0.147 min

Lab File: VD068383.D

Acq: 17 Feb 2021 15:19

Tgt Ion:	75	Resp:	1642
Ion	Ratio	Lower	Upper
75	100		
110	0.0	19.4	58.2#
77	0.0	25.3	37.9#

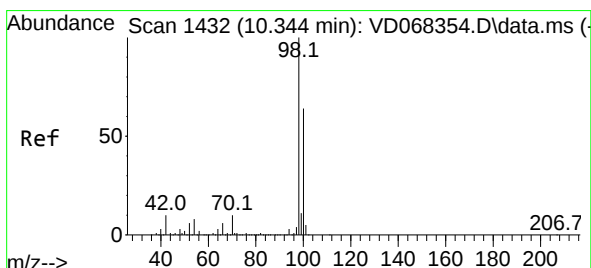
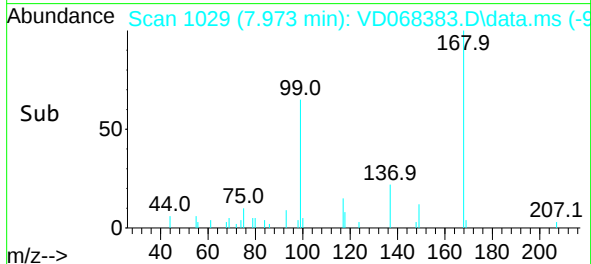
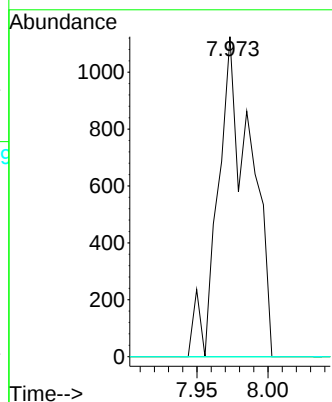
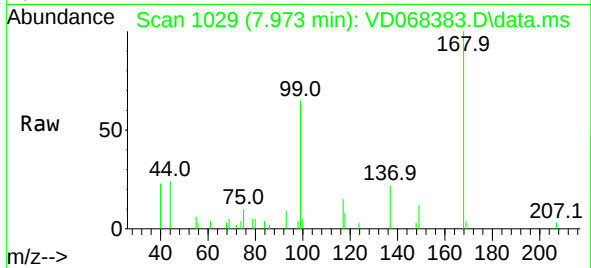




#38
Carbon Tetrachloride
Concen: 6.60 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.123 min
Lab File: VD068383.D
Acq: 17 Feb 2021 15:19

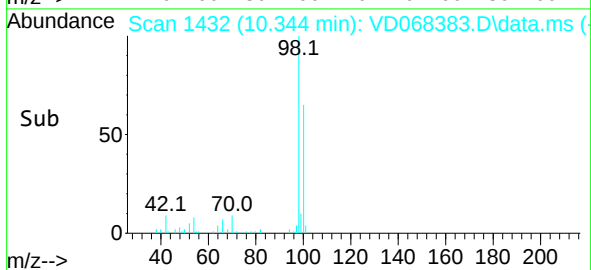
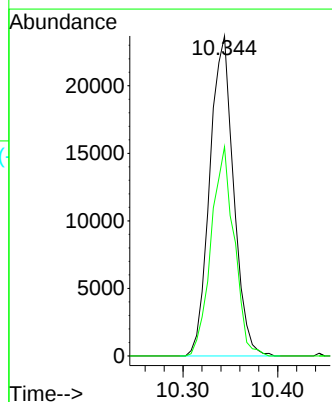
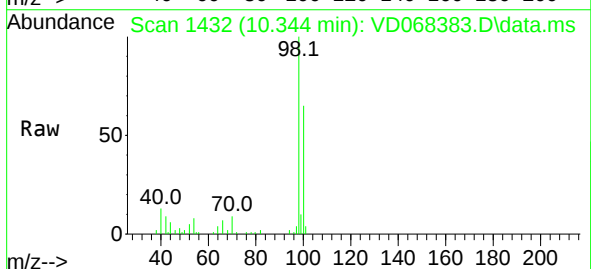
Instrument :
MSVOA_D
ClientSampled :
G-1

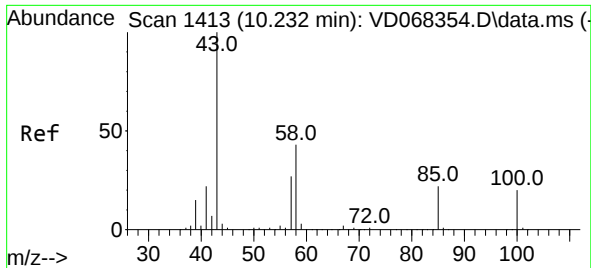
Tgt Ion:117 Resp: 1811
Ion Ratio Lower Upper
117 100
119 0.0 77.3 115.9#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 51.53 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068383.D
Acq: 17 Feb 2021 15:19

Tgt Ion: 98 Resp: 41241
Ion Ratio Lower Upper
98 100
100 63.6 53.0 79.4

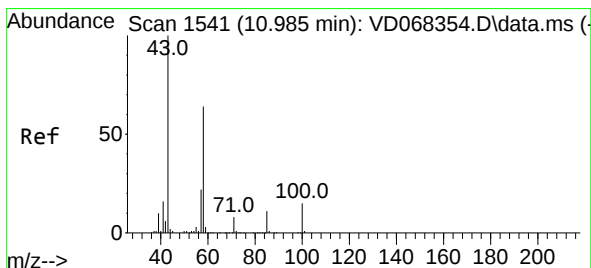
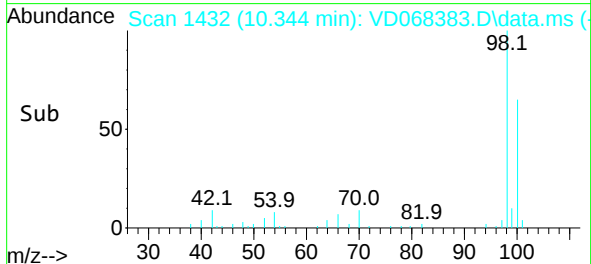
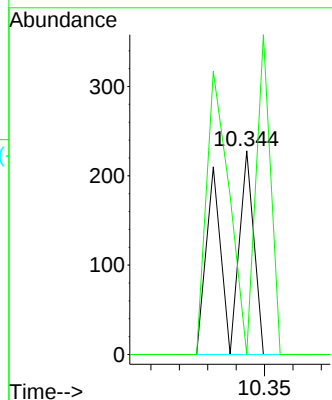
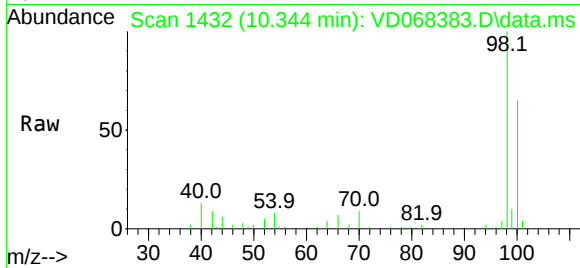




#51
4-Methyl-2-Pentanone
Concen: 1.62 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.112 min
Lab File: VD068383.D
Acq: 17 Feb 2021 15:19

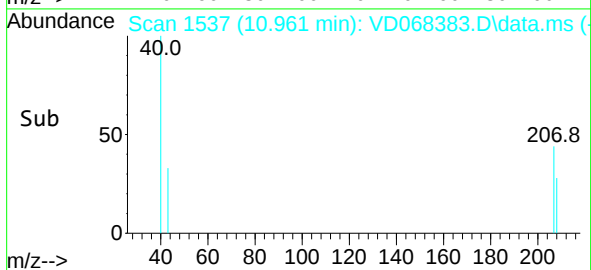
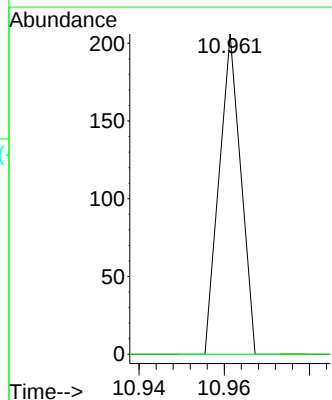
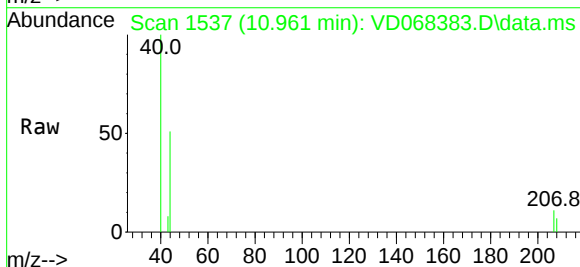
Instrument :
MSVOA_D
ClientSampled :
G-1

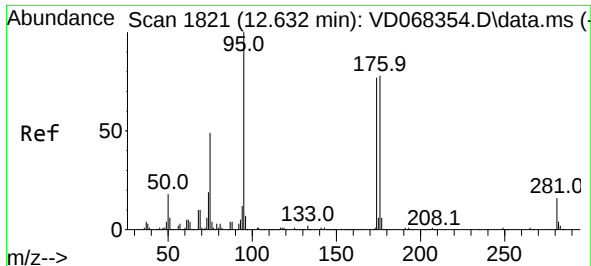
Tgt Ion: 43 Resp: 155
Ion Ratio Lower Upper
43 100
58 112.9 36.1 54.1#



#59
2-Hexanone
Concen: 1.13 ug/l
RT: 10.961 min Scan# 1537
Delta R.T. -0.023 min
Lab File: VD068383.D
Acq: 17 Feb 2021 15:19

Tgt Ion: 43 Resp: 73
Ion Ratio Lower Upper
43 100
58 0.0 31.0 93.0#

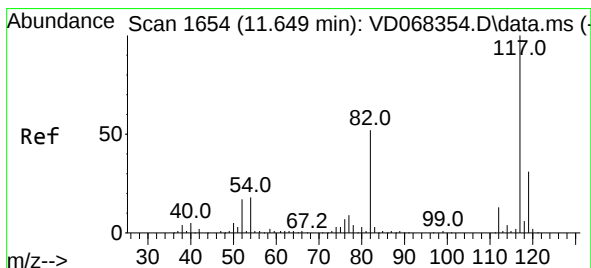
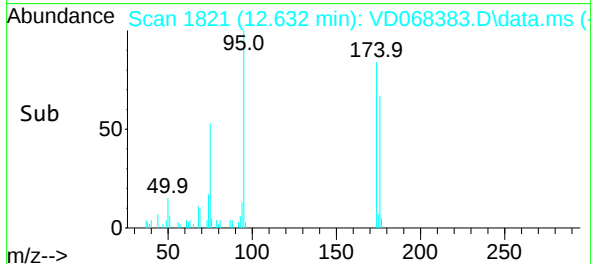
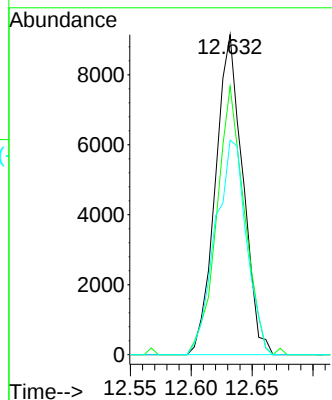
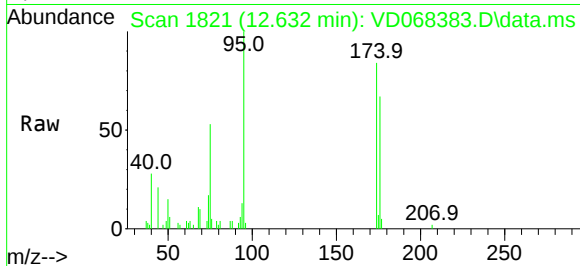




#62
4-Bromofluorobenzene
Concen: 54.84 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068383.D
Acq: 17 Feb 2021 15:19

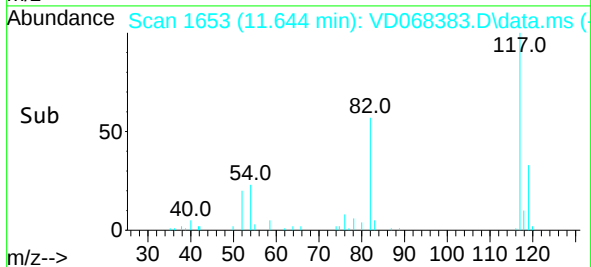
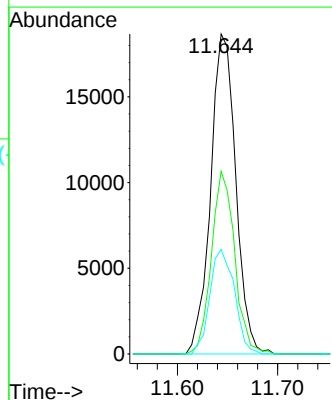
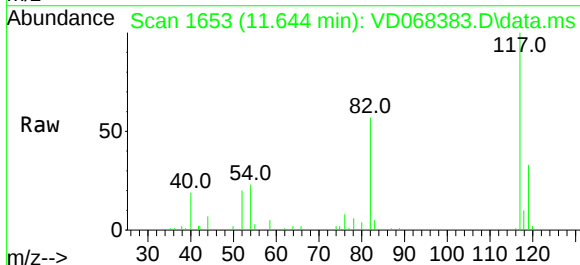
Instrument :
MSVOA_D
ClientSampled :
G-1

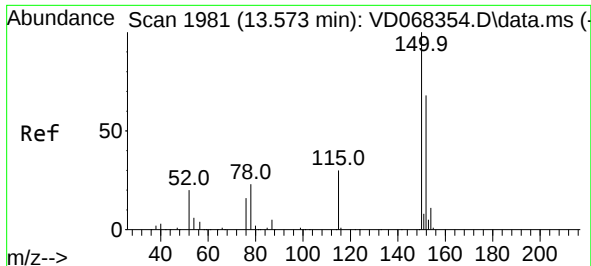
Tgt Ion:	95	Resp:	14296
Ion	Ratio	Lower	Upper
95	100		
174	84.4	0.0	172.4
176	76.3	0.0	168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068383.D
Acq: 17 Feb 2021 15:19

Tgt Ion:	117	Resp:	32522
Ion	Ratio	Lower	Upper
117	100		
82	57.0	41.4	62.0
119	32.7	26.1	39.1

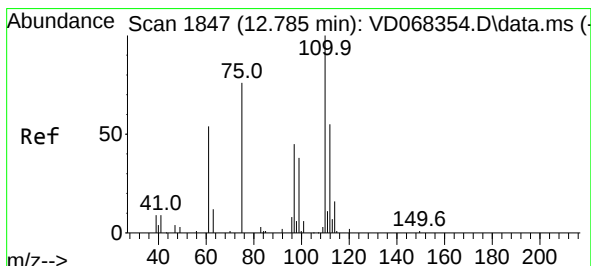
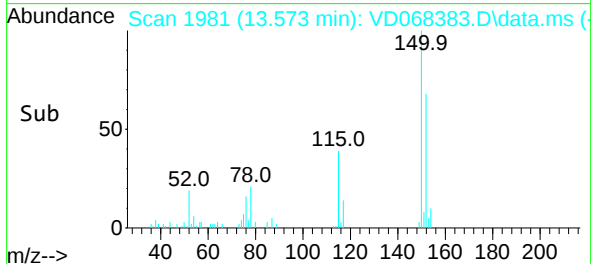
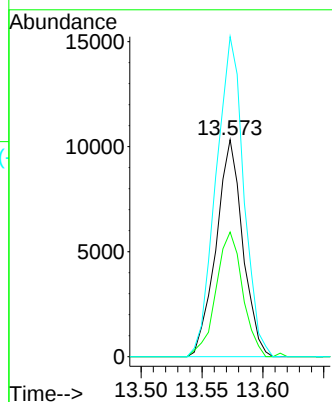
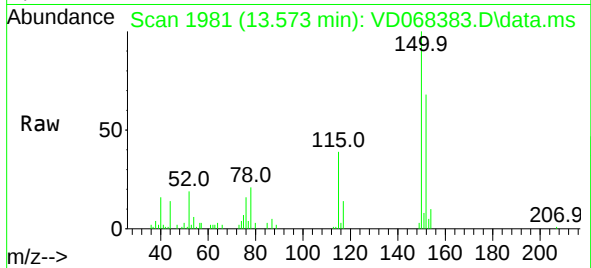




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068383.D
Acq: 17 Feb 2021 15:19

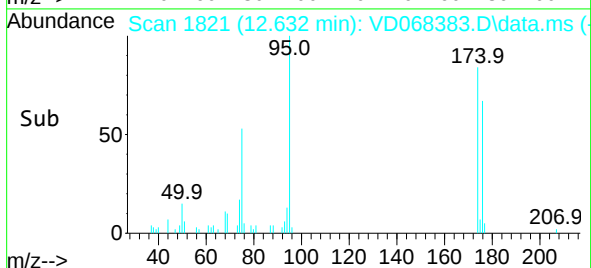
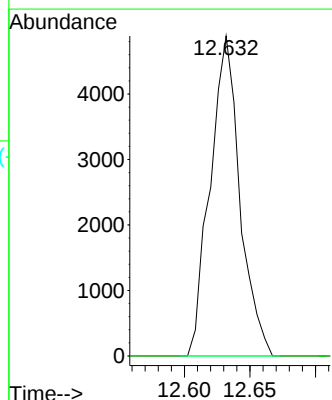
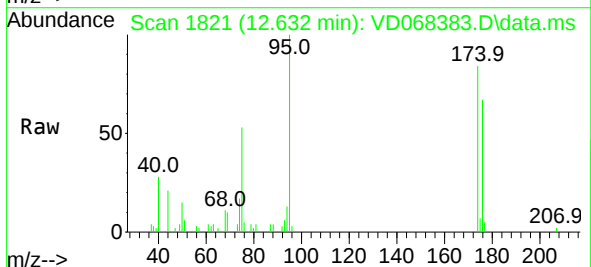
Instrument :
MSVOA_D
ClientSampled :
G-1

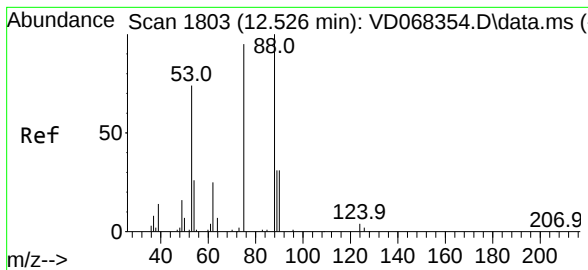
Tgt Ion:152 Resp: 15764
Ion Ratio Lower Upper
152 100
115 57.3 28.9 86.8
150 153.4 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 51.21 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068383.D
Acq: 17 Feb 2021 15:19

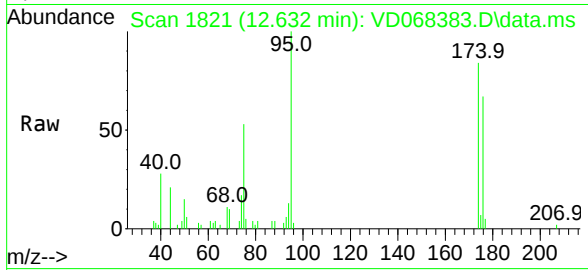
Tgt Ion: 75 Resp: 7682
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 128.36 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068383.D
 Acq: 17 Feb 2021 15:19

Instrument :
 MSVOA_D
 ClientSampled :
 G-1



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

