

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032621\
 Data File : VD068689.D
 Acq On : 26 Mar 2021 17:29
 Operator : VA/SY
 Sample : M1832-01
 Misc : 3.40G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 IG001

Quant Time: Mar 27 00:45:14 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

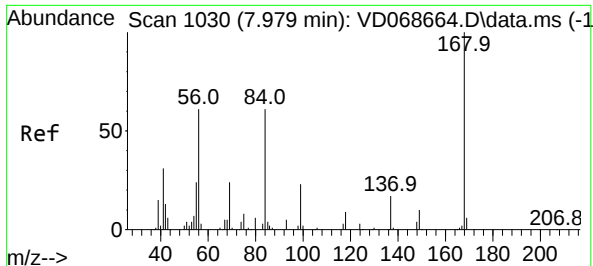
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	277452	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	546959	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	504720	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	200097	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	169552	60.60	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 121.20%			
35) Dibromofluoromethane	7.914	113	185430	54.49	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.98%			
50) Toluene-d8	10.343	98	684211	52.15	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.30%			
62) 4-Bromofluorobenzene	12.632	95	217706	51.18	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.36%			
Target Compounds						
16) Acetone	4.161	43	1101	3.24	ug/l #	40
20) Methylene Chloride	4.961	84	3162	Below Cal	#	71
31) Cyclohexane	7.985	56	6117	1.36	ug/l #	28
36) 1,1-Dichloropropene	7.979	75	21435	4.39	ug/l #	48
38) Carbon Tetrachloride	7.979	117	27494	5.64	ug/l #	15
51) 4-Methyl-2-Pentanone	10.343	43	2667	1.73	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	113436	68.11	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	113436	154.96	ug/l #	16

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

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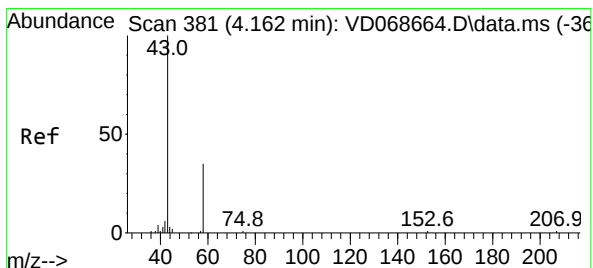
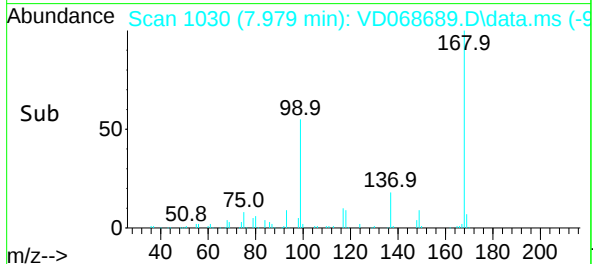
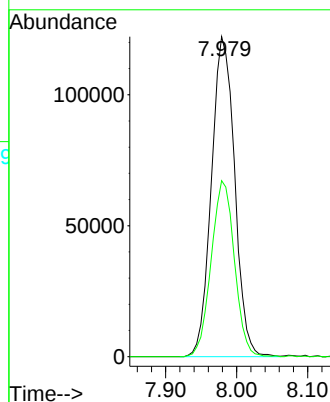
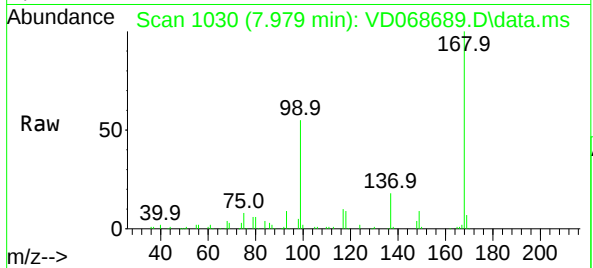




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD068689.D
Acq: 26 Mar 2021 17:29

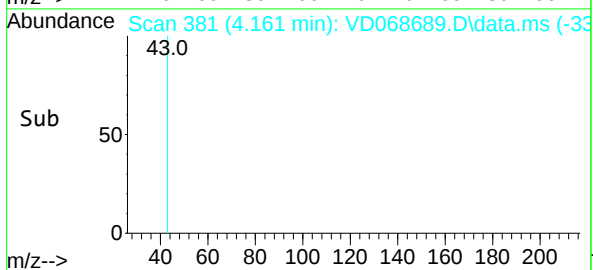
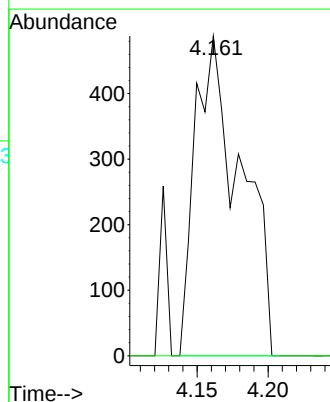
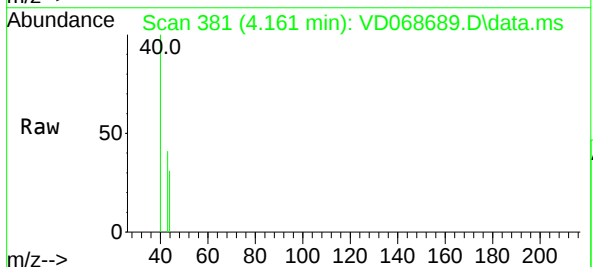
Instrument :
MSVOA_D
ClientSampleId :
IG001

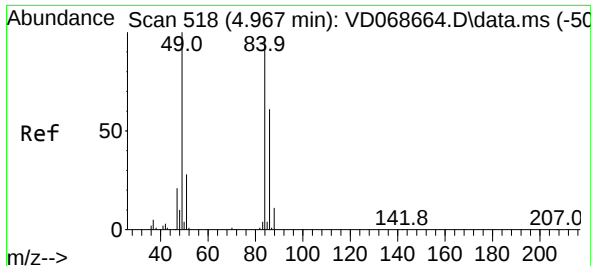
Tgt Ion:168 Resp: 277452
Ion Ratio Lower Upper
168 100
99 55.0 46.2 69.2



#16
Acetone
Concen: 3.24 ug/l
RT: 4.161 min Scan# 381
Delta R.T. -0.000 min
Lab File: VD068689.D
Acq: 26 Mar 2021 17:29

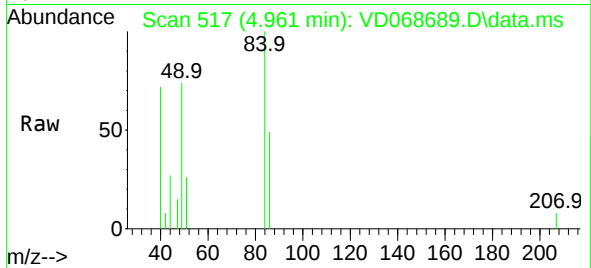
Tgt Ion: 43 Resp: 1101
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#





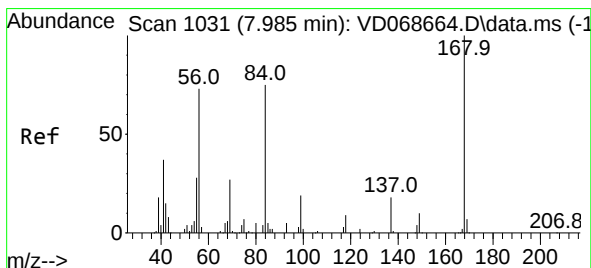
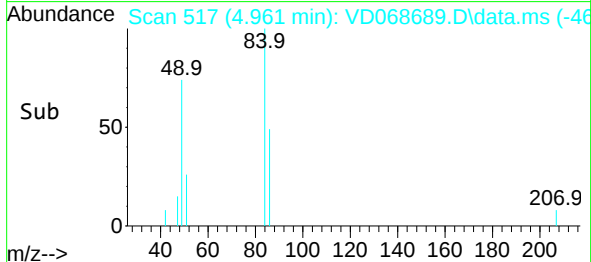
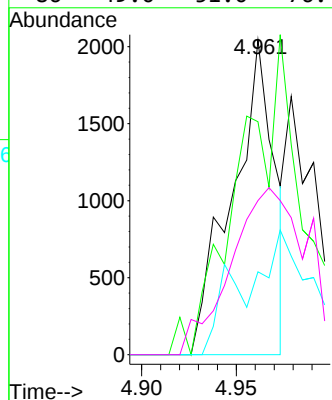
#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD068689.D
Acq: 26 Mar 2021 17:29

Instrument :
MSVOA_D
ClientSampleId :
IG001



Tgt Ion: 84 Resp: 3162

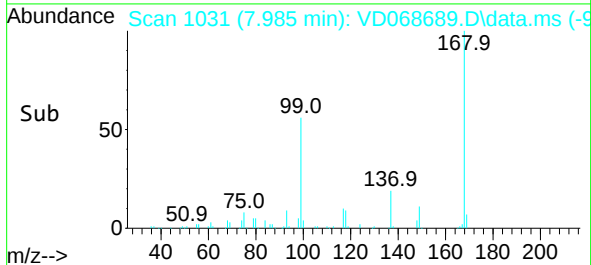
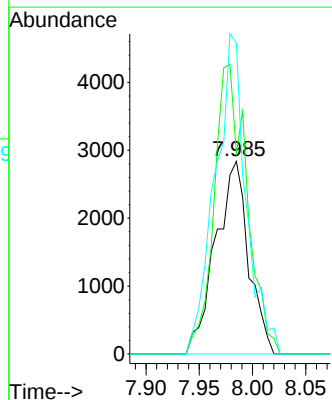
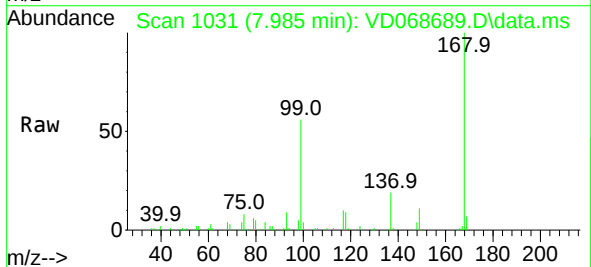
Ion	Ratio	Lower	Upper
84	100		
49	62.1	83.4	125.0#
51	26.3	23.4	35.2
86	49.0	51.0	76.4#

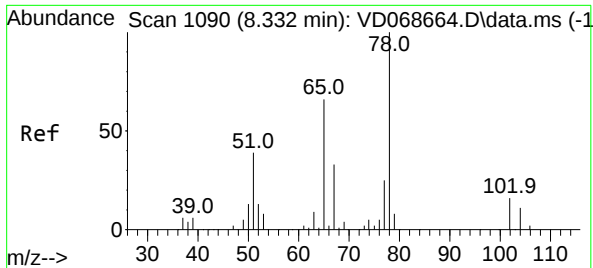


#31
Cyclohexane
Concen: 1.36 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068689.D
Acq: 26 Mar 2021 17:29

Tgt Ion: 56 Resp: 6117

Ion	Ratio	Lower	Upper
56	100		
69	104.2	30.0	45.0#
84	161.3	82.0	123.0#

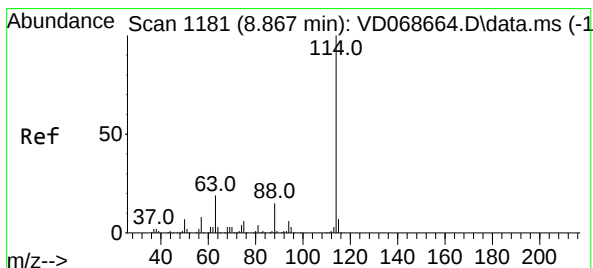
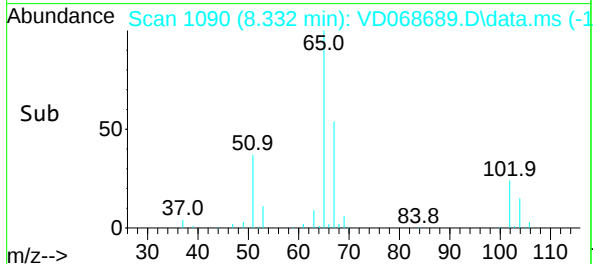
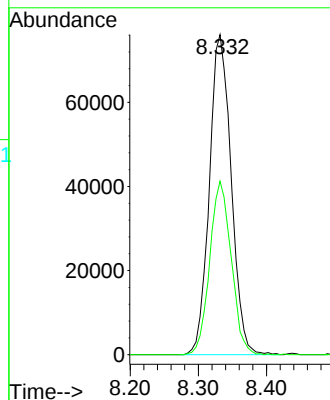
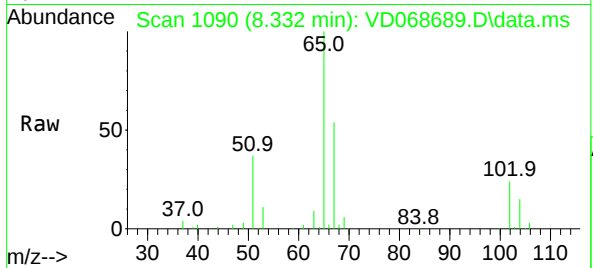




#33
1,2-Dichloroethane-d4
Concen: 60.60 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068689.D
Acq: 26 Mar 2021 17:29

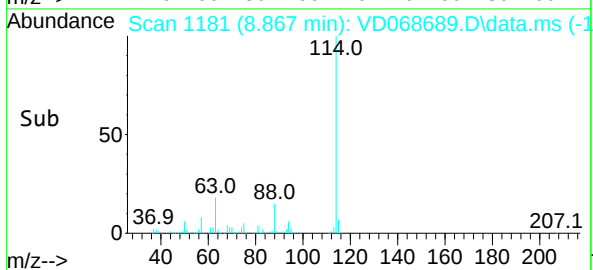
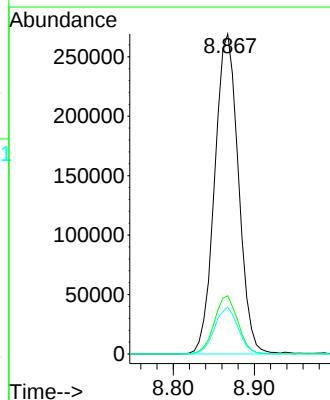
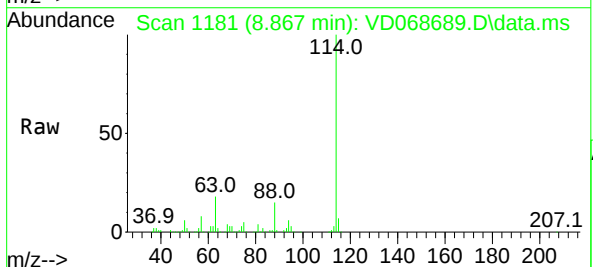
Instrument :
MSVOA_D
ClientSampleId :
IG001

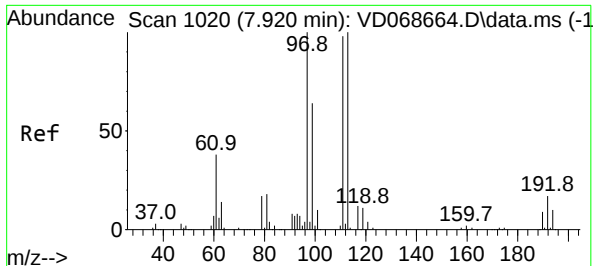
Tgt Ion: 65 Resp: 169552
Ion Ratio Lower Upper
65 100
67 53.4 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD068689.D
Acq: 26 Mar 2021 17:29

Tgt Ion: 114 Resp: 546959
Ion Ratio Lower Upper
114 100
63 18.2 0.0 38.2
88 14.6 0.0 29.4

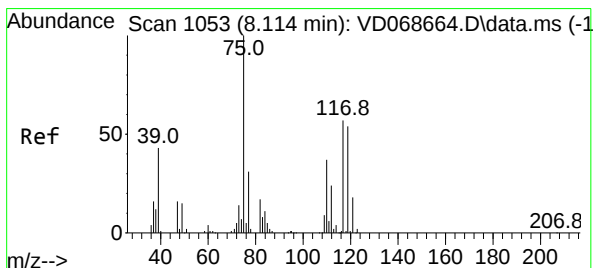
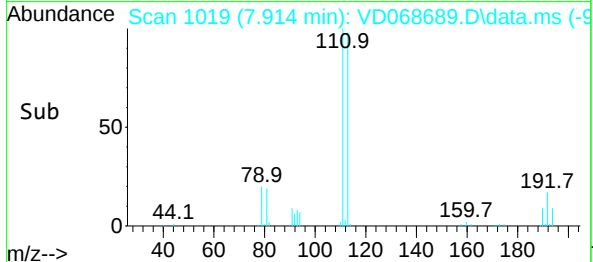
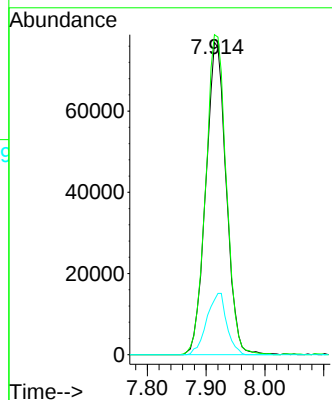
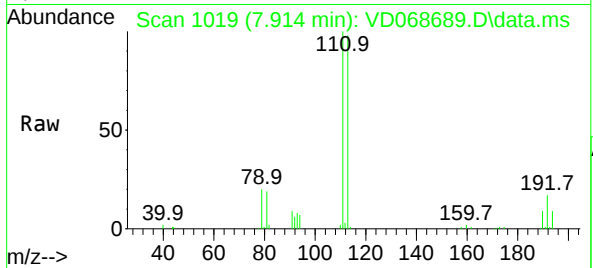




#35
Dibromofluoromethane
Concen: 54.49 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068689.D
Acq: 26 Mar 2021 17:29

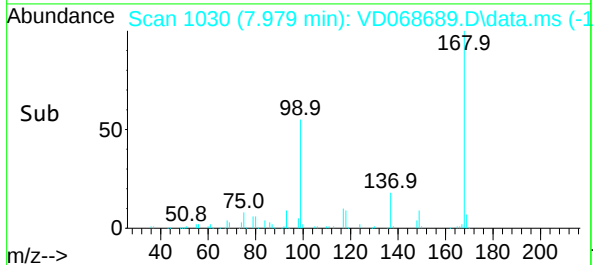
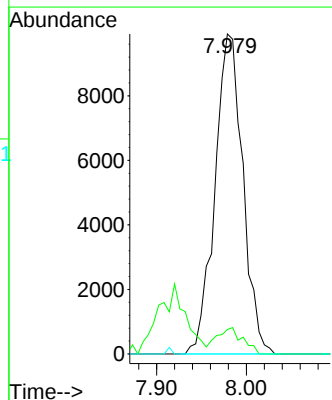
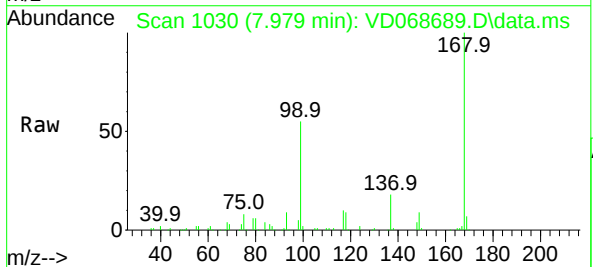
Instrument :
MSVOA_D
ClientSampled :
IG001

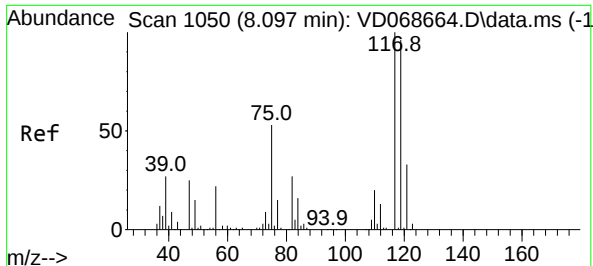
Tgt Ion:113 Resp: 185430
Ion Ratio Lower Upper
113 100
111 103.5 82.5 123.7
192 19.2 15.1 22.7



#36
1,1-Dichloropropene
Concen: 4.39 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD068689.D
Acq: 26 Mar 2021 17:29

Tgt Ion: 75 Resp: 21435
Ion Ratio Lower Upper
75 100
110 7.6 18.1 54.4#
77 0.0 24.7 37.1#

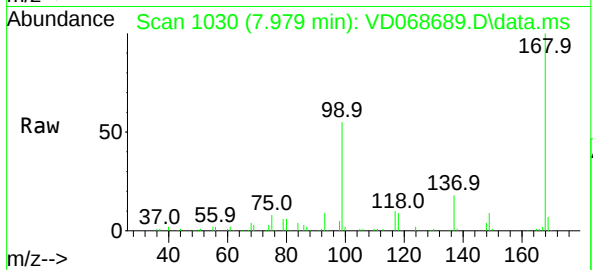




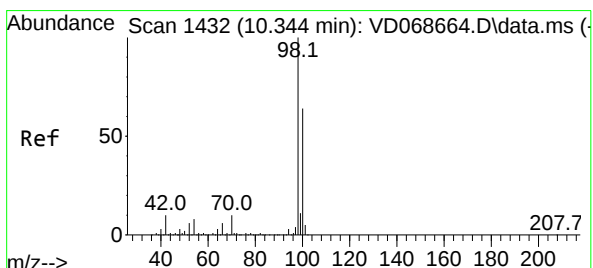
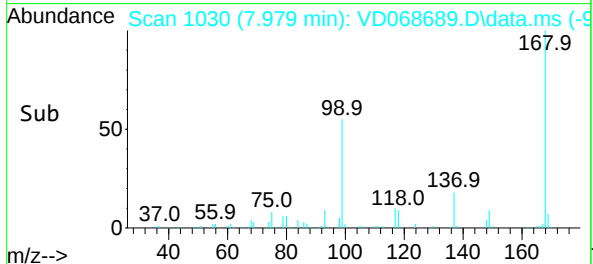
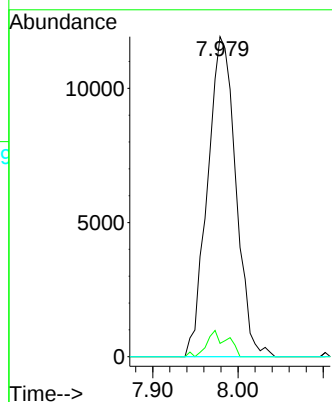
#38

Carbon Tetrachloride
Concen: 5.64 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD068689.D
Acq: 26 Mar 2021 17:29

Instrument :
MSVOA_D
ClientSampled :
IG001



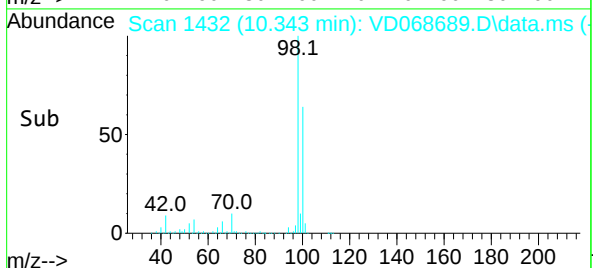
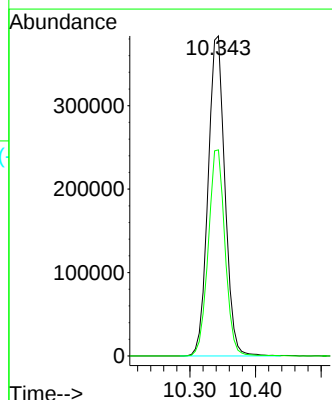
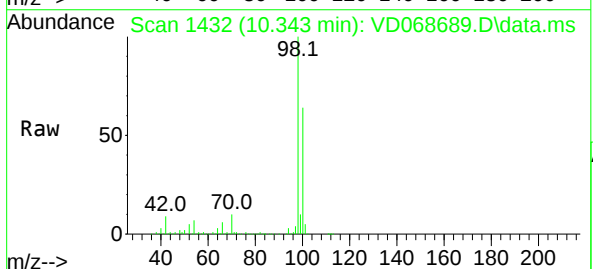
Tgt Ion:117 Resp: 27494
Ion Ratio Lower Upper
117 100
119 4.2 76.6 115.0#
121 0.0 26.1 39.1#

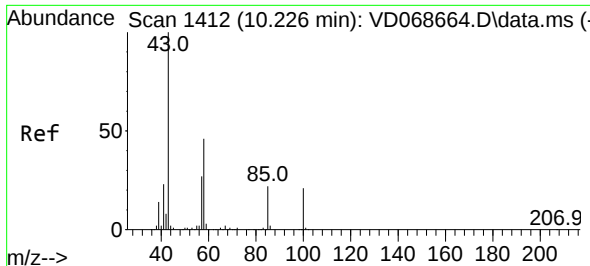


#50

Toluene-d8
Concen: 52.15 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068689.D
Acq: 26 Mar 2021 17:29

Tgt Ion: 98 Resp: 684211
Ion Ratio Lower Upper
98 100
100 64.2 51.8 77.6

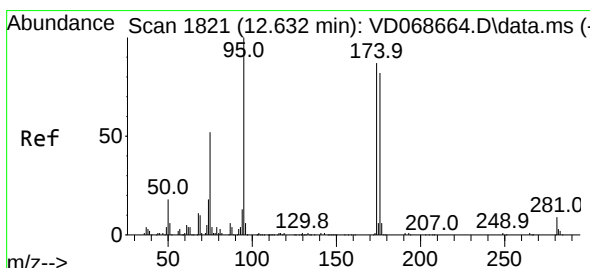
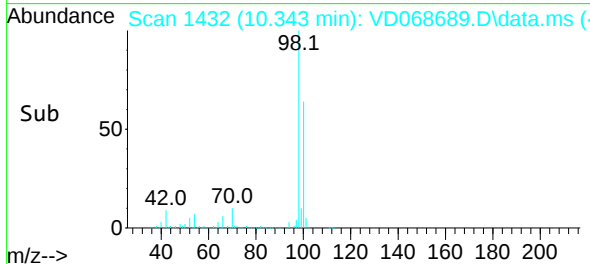
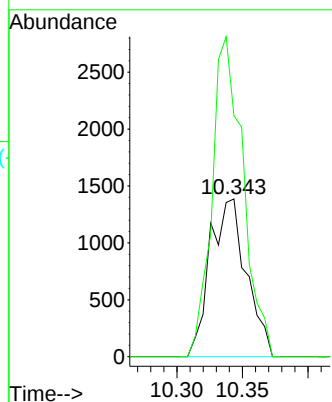
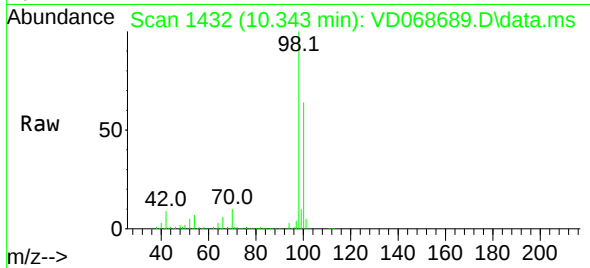




#51
4-Methyl-2-Pentanone
Concen: 1.73 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. 0.117 min
Lab File: VD068689.D
Acq: 26 Mar 2021 17:29

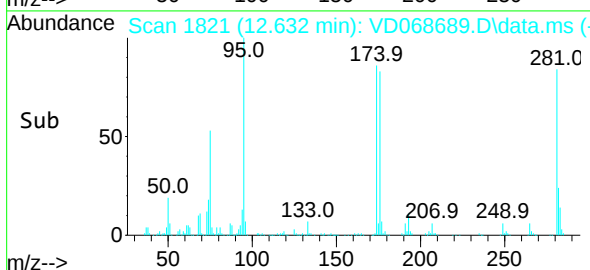
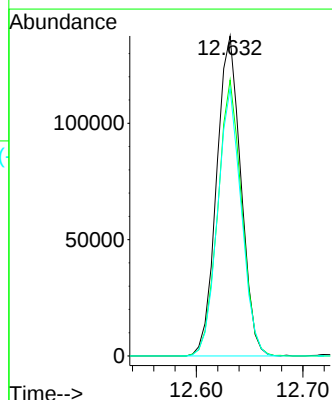
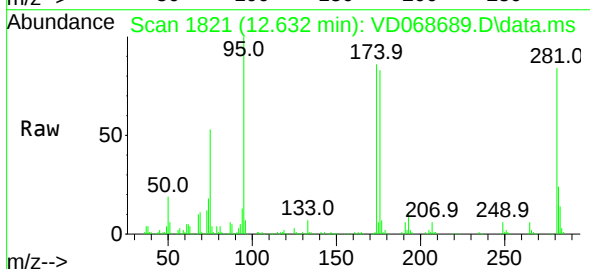
Instrument :
MSVOA_D
ClientSampled :
IG001

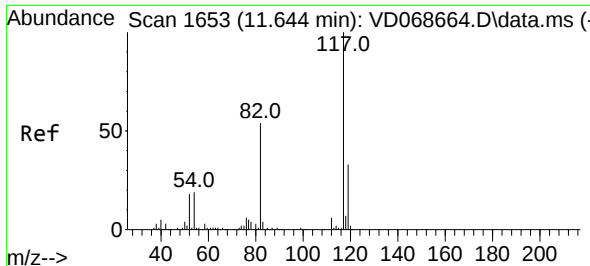
Tgt Ion: 43 Resp: 2667
Ion Ratio Lower Upper
43 100
58 173.4 37.3 55.9#



#62
4-Bromofluorobenzene
Concen: 51.18 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068689.D
Acq: 26 Mar 2021 17:29

Tgt Ion: 95 Resp: 217706
Ion Ratio Lower Upper
95 100
174 84.8 0.0 168.0
176 81.5 0.0 160.2

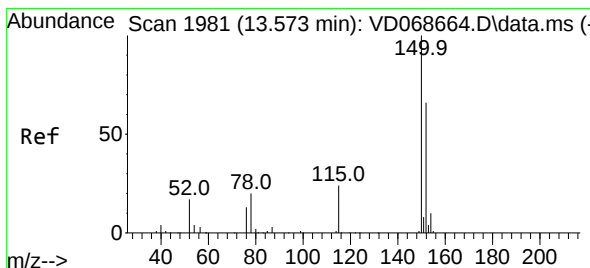
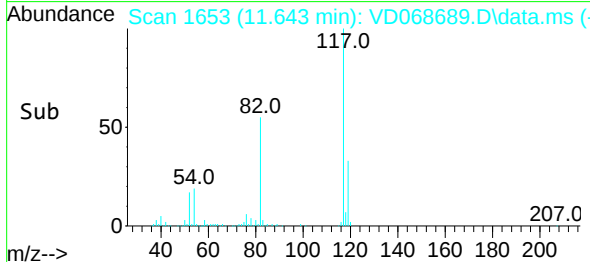
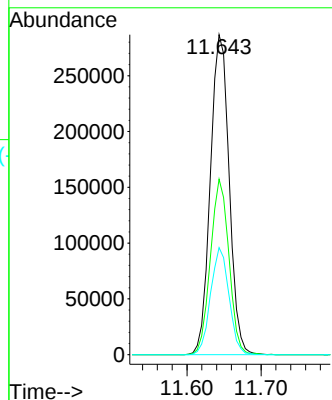
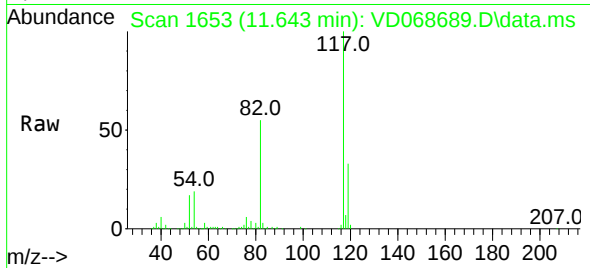




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD068689.D
Acq: 26 Mar 2021 17:29

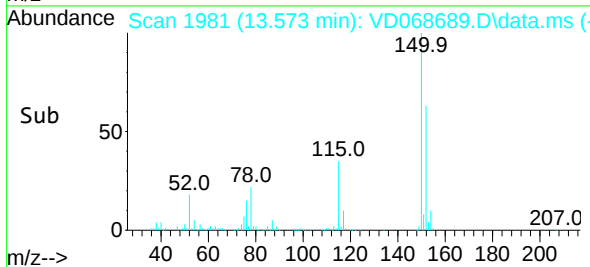
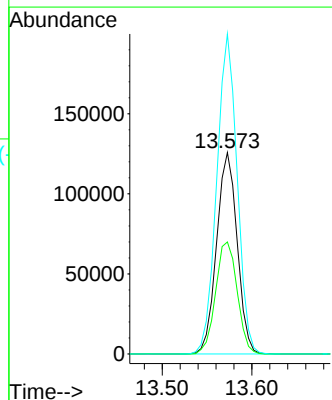
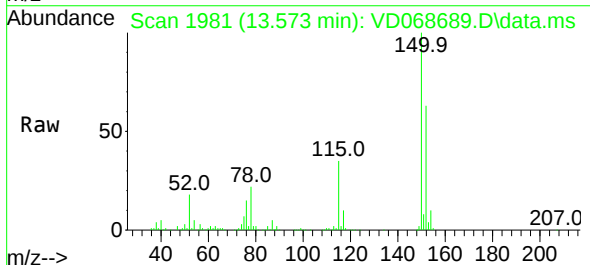
Instrument :
MSVOA_D
ClientSampleId :
IG001

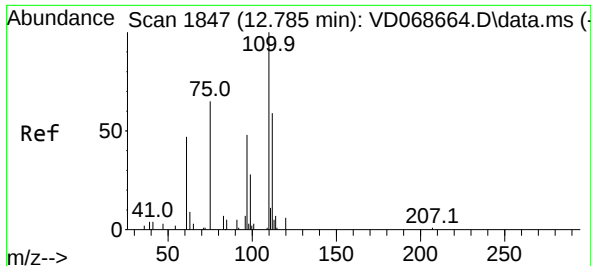
Tgt Ion:	117	Resp:	504720
Ion	Ratio	Lower	Upper
117	100		
82	54.9	43.5	65.3
119	33.5	26.7	40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068689.D
Acq: 26 Mar 2021 17:29

Tgt Ion:	152	Resp:	200097
Ion	Ratio	Lower	Upper
152	100		
115	58.3	29.3	87.8
150	157.7	0.0	347.6

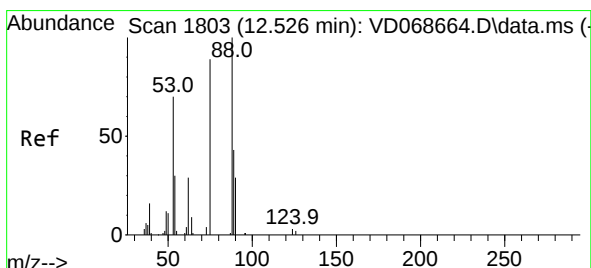
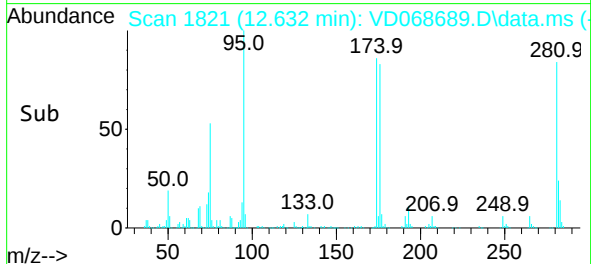
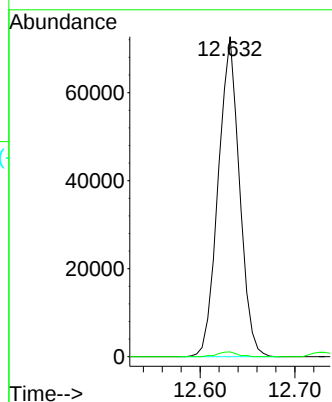
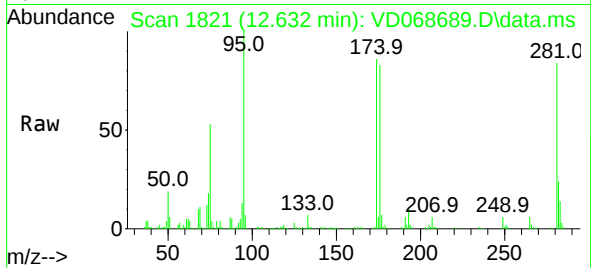




#76
1,2,3-Trichloropropane
Concen: 68.11 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068689.D
Acq: 26 Mar 2021 17:29

Instrument :
MSVOA_D
ClientSampleId :
IG001

Tgt Ion: 75 Resp: 113436
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 154.96 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068689.D
Acq: 26 Mar 2021 17:29

Tgt Ion: 75 Resp: 113436
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 1.0 36.6 54.8#

