

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020821\
 Data File : VD068315.D
 Acq On : 08 Feb 2021 13:23
 Operator : VA/SY
 Sample : M1331-02
 Misc : 6.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 09 00:14:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

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

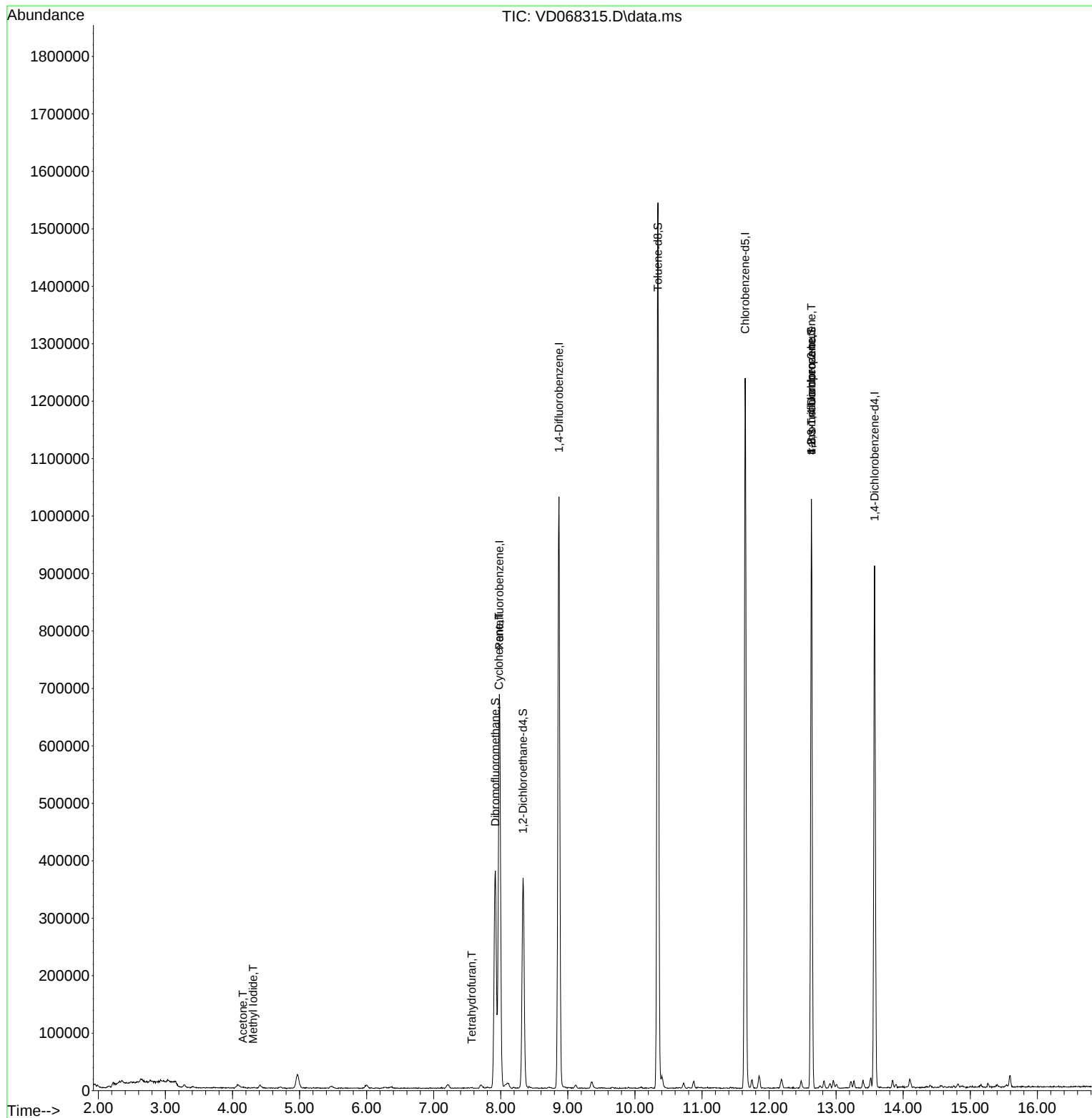
Internal Standards						
1) Pentafluorobenzene	7.979	168	528724	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	924655	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	747613	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	243487	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	294344	58.20	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.40%			
35) Dibromofluoromethane	7.920	113	281959	55.16	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.32%			
50) Toluene-d8	10.344	98	1084782	53.05	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.10%			
62) 4-Bromofluorobenzene	12.632	95	295740	40.16	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 80.32%			
Target Compounds						Qvalue
10) Methyl Iodide	4.309	142	1502	3.38	ug/l #	59
11) Tert butyl alcohol	5.220	59	307	Below Cal	#	74
16) Acetone	4.156	43	1191	1.32	ug/l #	44
20) Methylene Chloride	4.973	84	19650	Below Cal		93
29) Tetrahydrofuran	7.567	42	923	1.05	ug/l #	44
31) Cyclohexane	7.973	56	15040	1.37	ug/l #	41
76) 1,2,3-Trichloropropane	12.632	75	149050	63.31	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	149050	128.11	ug/l #	14

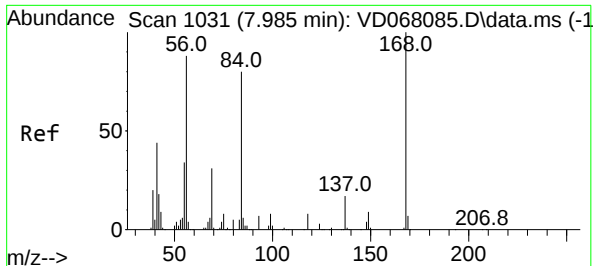
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020821\
Data File : VD068315.D
Acq On : 08 Feb 2021 13:23
Operator : VA/SY
Sample : M1331-02
Misc : 6.03G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Feb 09 00:14:34 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 19 13:19:08 2021
Response via : Initial Calibration

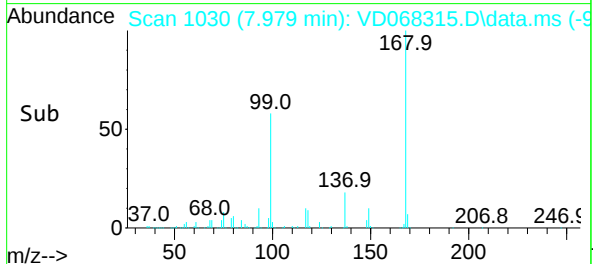
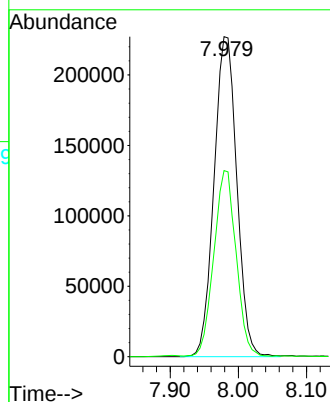
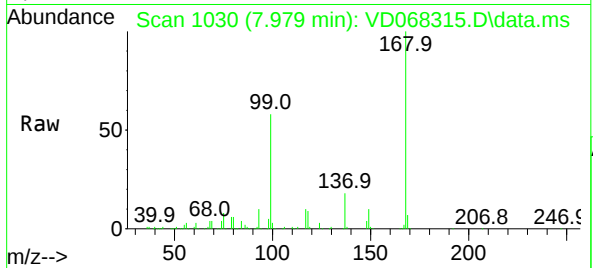




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068315.D
Acq: 08 Feb 2021 13:23

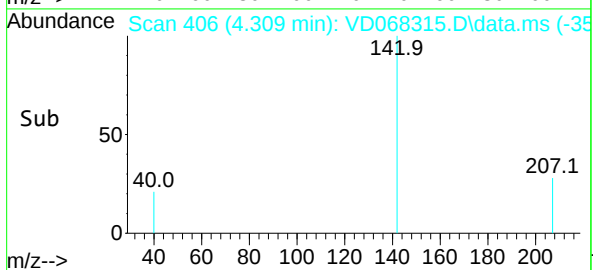
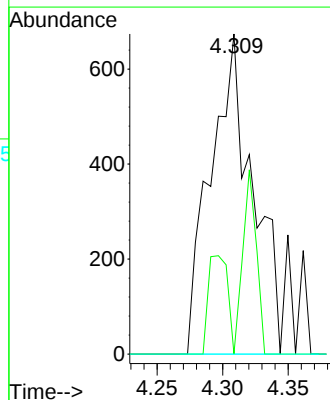
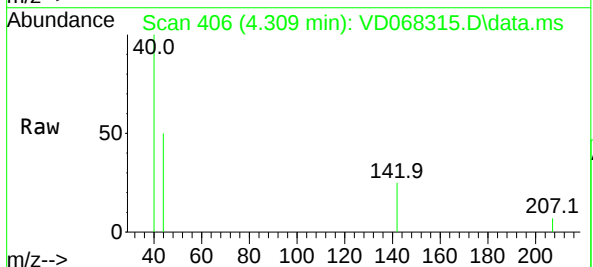
Instrument :
MSVOA_D
ClientSampleId :

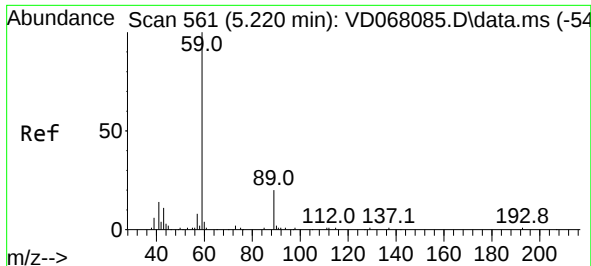
Tgt Ion:168 Resp: 528724
Ion Ratio Lower Upper
168 100
99 58.0 43.5 65.3



#10
Methyl Iodide
Concen: 3.38 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.001 min
Lab File: VD068315.D
Acq: 08 Feb 2021 13:23

Tgt Ion:142 Resp: 1502
Ion Ratio Lower Upper
142 100
127 18.6 37.9 56.9#
141 0.0 11.5 17.3#

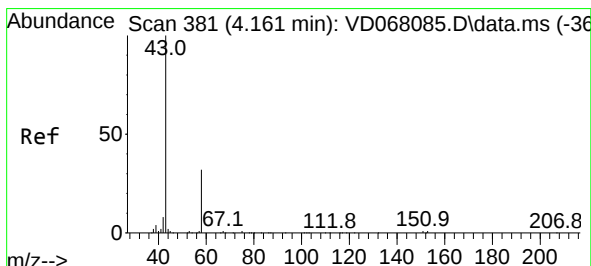
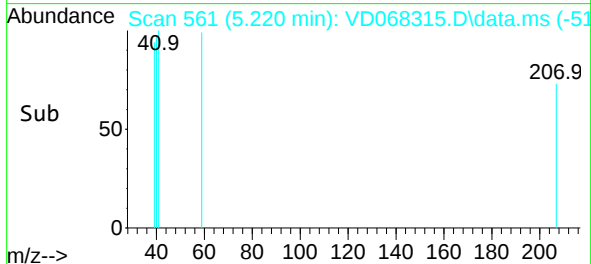
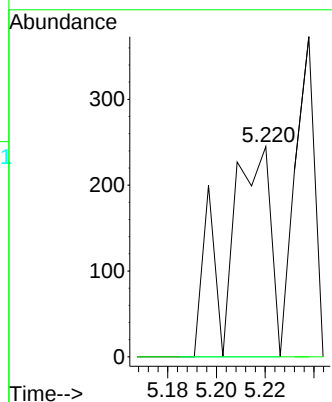
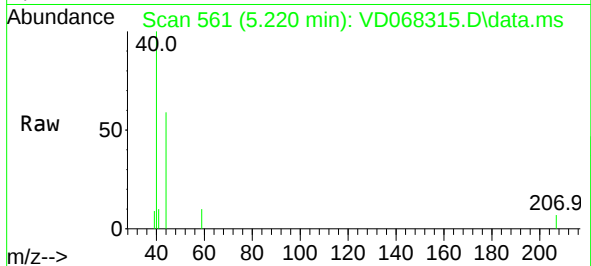




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.220 min Scan# 561
Delta R.T. 0.000 min
Lab File: VD068315.D
Acq: 08 Feb 2021 13:23

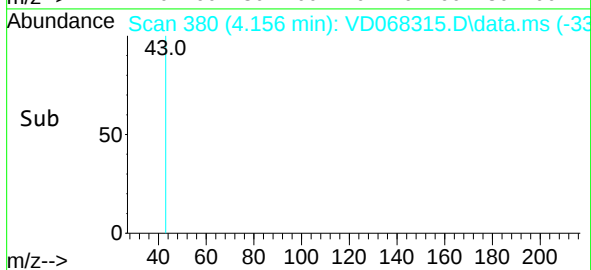
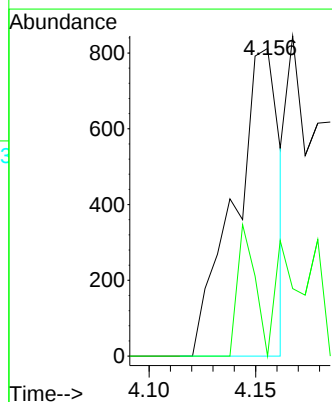
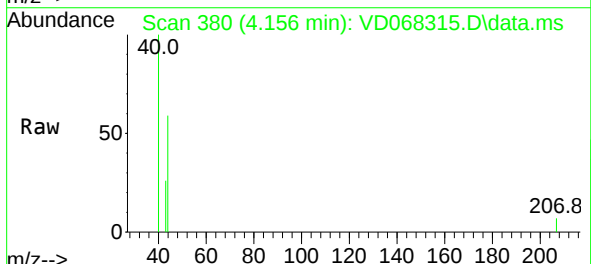
Instrument :
MSVOA_D
ClientSampleId :

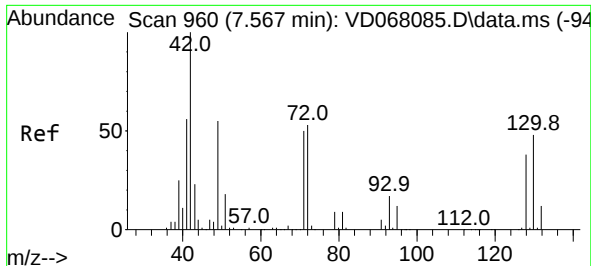
Tgt Ion: 59 Resp: 307
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#16
Acetone
Concen: 1.32 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD068315.D
Acq: 08 Feb 2021 13:23

Tgt Ion: 43 Resp: 1191
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.4#





#29

Tetrahydrofuran

Concen: 1.05 ug/l

RT: 7.567 min Scan# 960

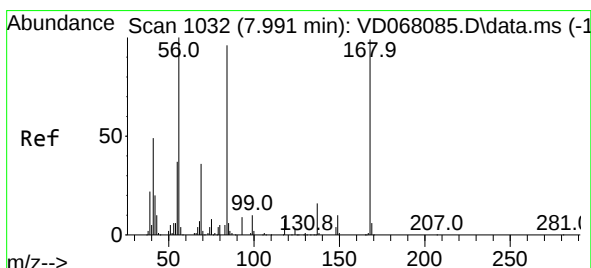
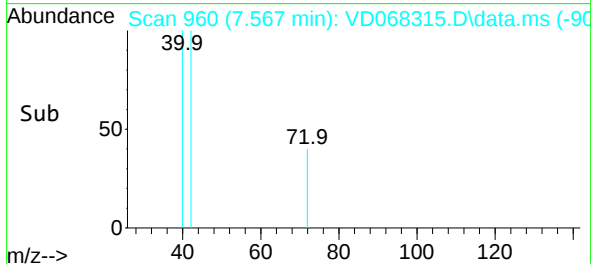
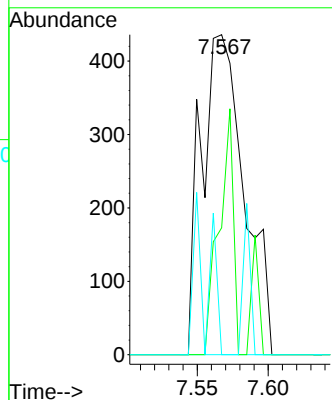
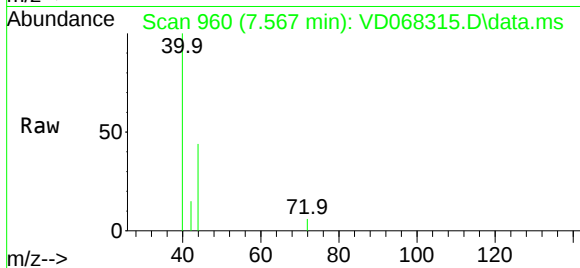
Delta R.T. 0.000 min

Lab File: VD068315.D

Acq: 08 Feb 2021 13:23

Tgt Ion:	42	Resp:	923
Ion	Ratio	Lower	Upper
42	100		
72	25.4	43.4	65.0#
71	0.0	40.8	61.2#

Instrument :
MSVOA_D
ClientSampled :



#31

Cyclohexane

Concen: 1.37 ug/l

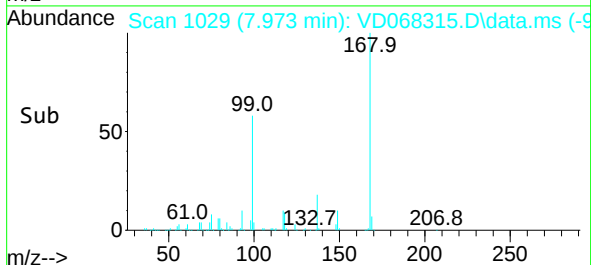
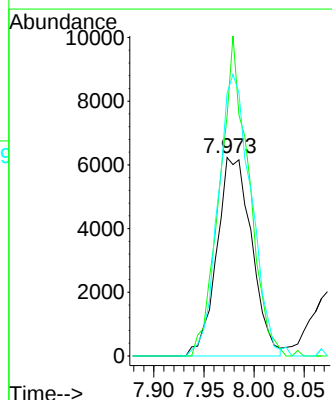
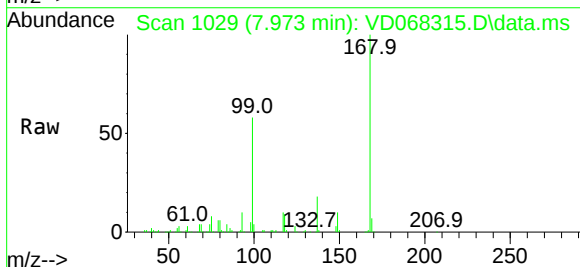
RT: 7.973 min Scan# 1029

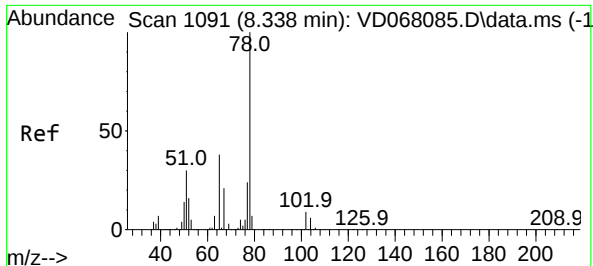
Delta R.T. -0.017 min

Lab File: VD068315.D

Acq: 08 Feb 2021 13:23

Tgt Ion:	56	Resp:	15040
Ion	Ratio	Lower	Upper
56	100		
69	120.9	30.1	45.1#
84	132.5	82.1	123.1#

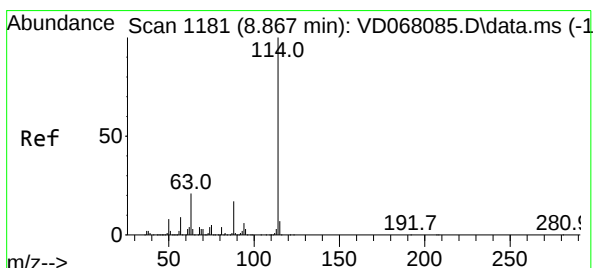
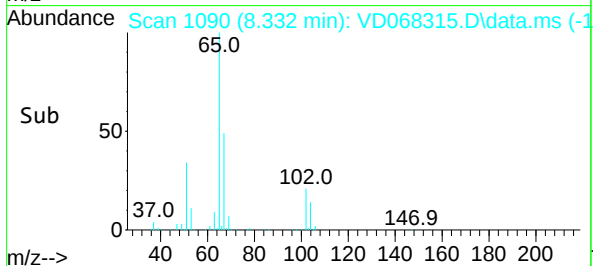
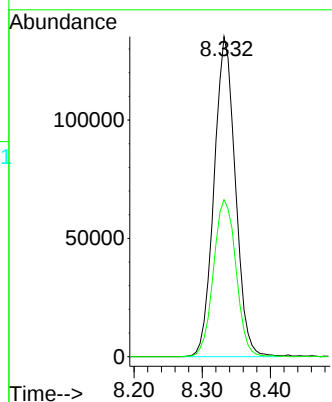
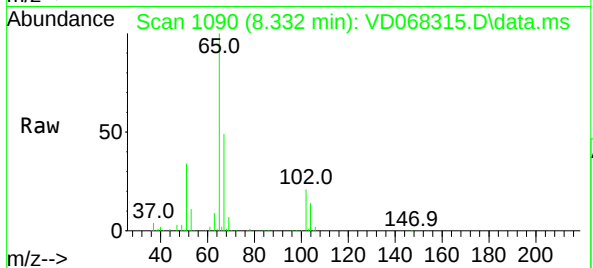




#33
1,2-Dichloroethane-d4
Concen: 58.20 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068315.D
Acq: 08 Feb 2021 13:23

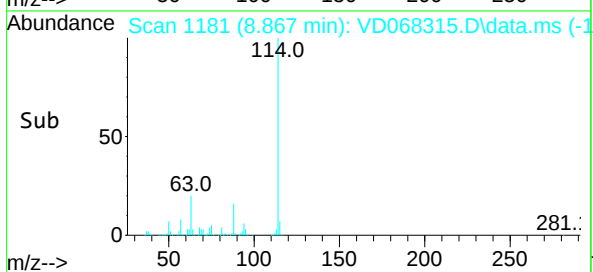
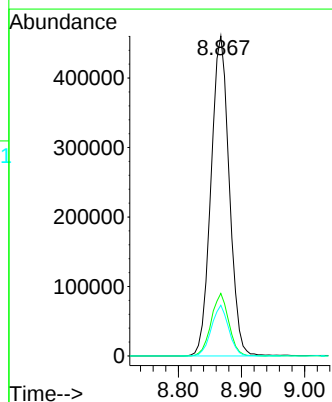
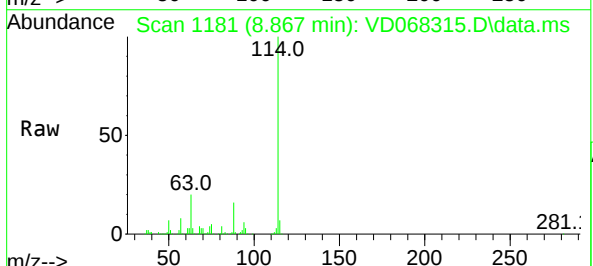
Instrument :
MSVOA_D
ClientSampleId :

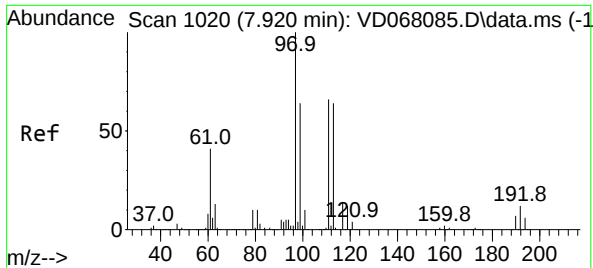
Tgt Ion: 65 Resp: 294344
Ion Ratio Lower Upper
65 100
67 52.0 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068315.D
Acq: 08 Feb 2021 13:23

Tgt Ion: 114 Resp: 924655
Ion Ratio Lower Upper
114 100
63 19.5 0.0 34.8
88 15.8 0.0 31.6

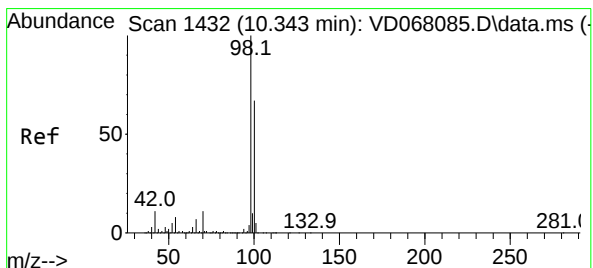
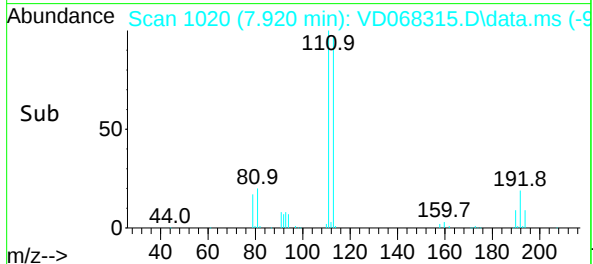
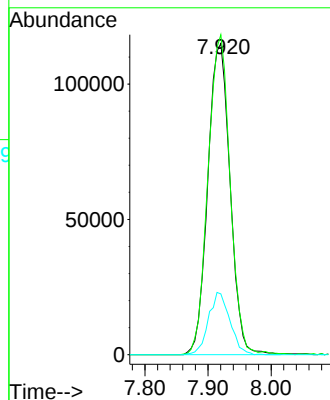
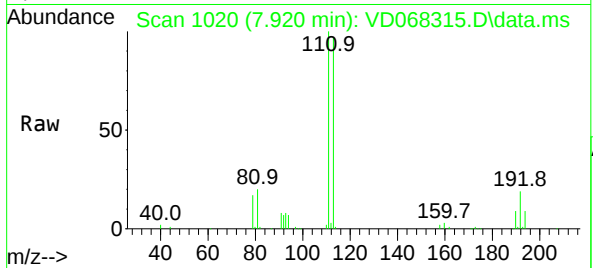




#35
Dibromofluoromethane
Concen: 55.16 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068315.D
Acq: 08 Feb 2021 13:23

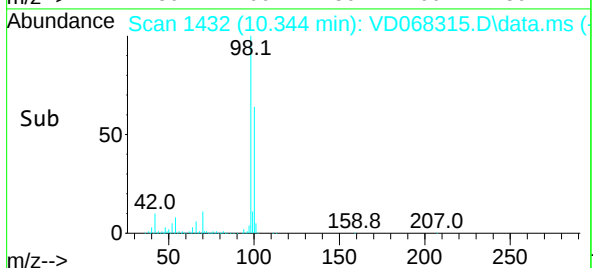
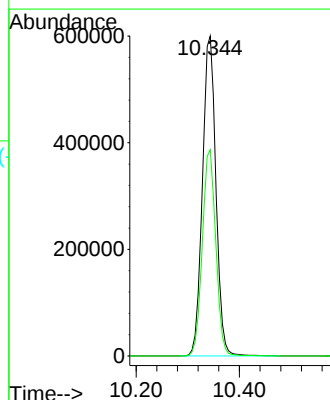
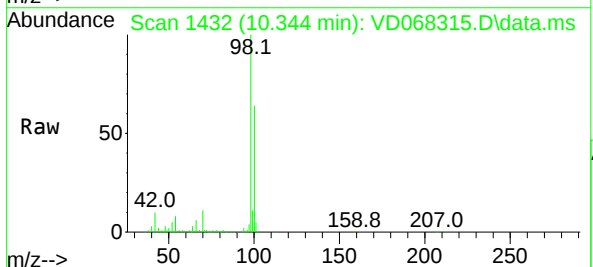
Instrument :
MSVOA_D
ClientSampleId :

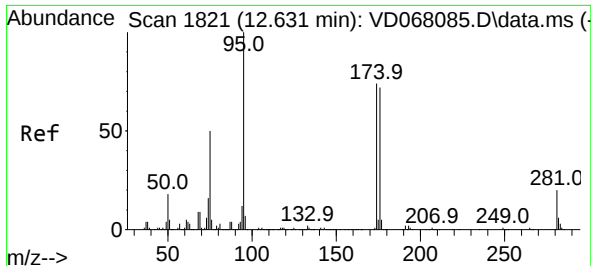
Tgt Ion:113 Resp: 281959
Ion Ratio Lower Upper
113 100
111 102.0 81.4 122.0
192 19.2 16.1 24.1



#50
Toluene-d8
Concen: 53.05 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068315.D
Acq: 08 Feb 2021 13:23

Tgt Ion: 98 Resp: 1084782
Ion Ratio Lower Upper
98 100
100 64.6 53.0 79.4

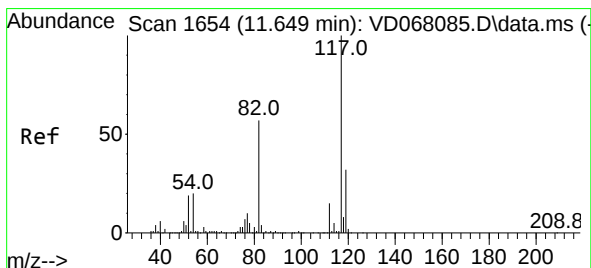
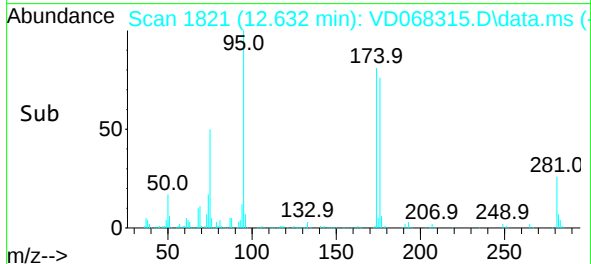
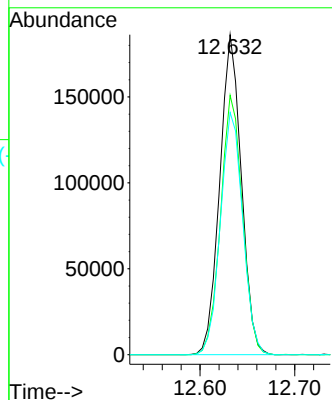
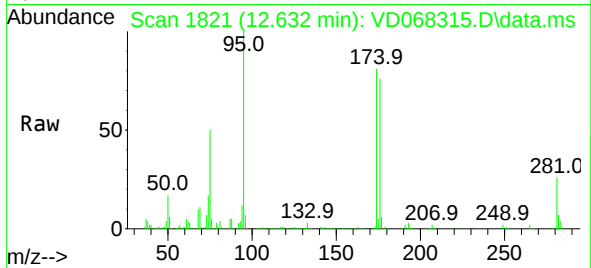




#62
4-Bromofluorobenzene
Concen: 40.16 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068315.D
Acq: 08 Feb 2021 13:23

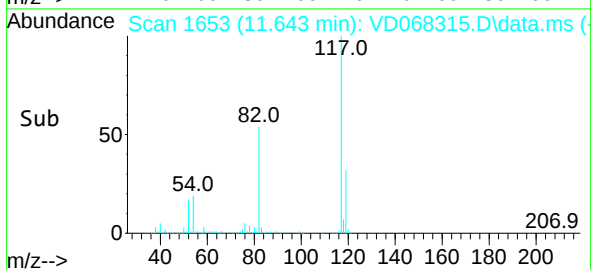
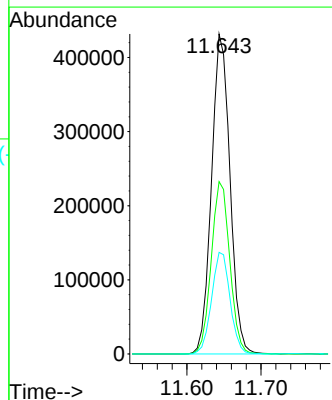
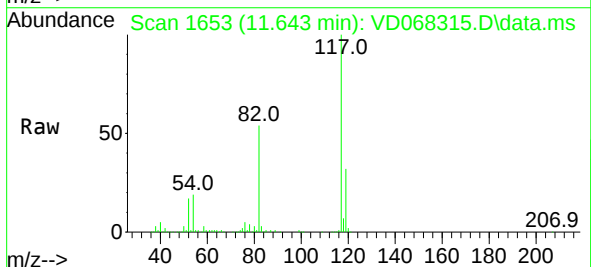
Instrument :
MSVOA_D
ClientSampleId :

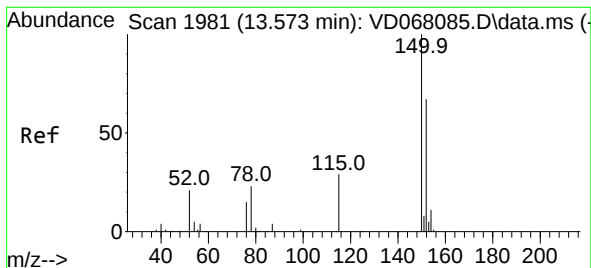
Tgt Ion: 95 Resp: 295740
Ion Ratio Lower Upper
95 100
174 81.8 0.0 172.4
176 78.1 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068315.D
Acq: 08 Feb 2021 13:23

Tgt Ion: 117 Resp: 747613
Ion Ratio Lower Upper
117 100
82 53.9 41.4 62.0
119 31.8 26.1 39.1

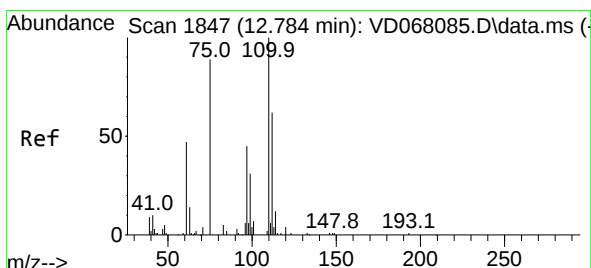
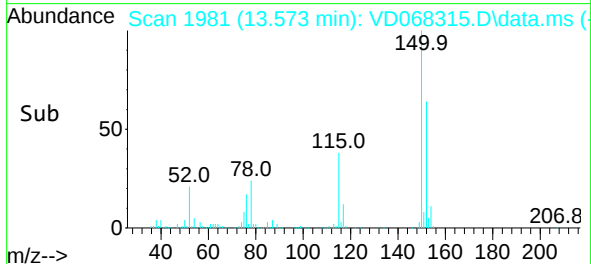
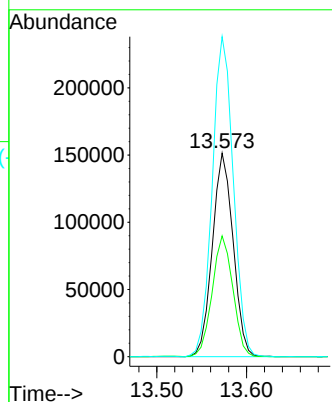
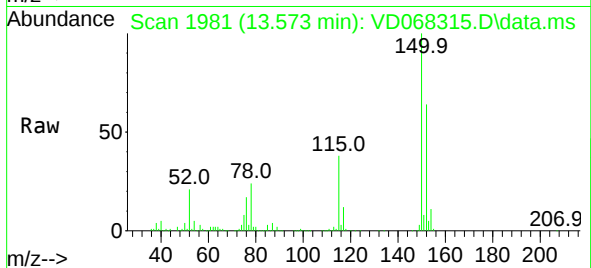




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068315.D
Acq: 08 Feb 2021 13:23

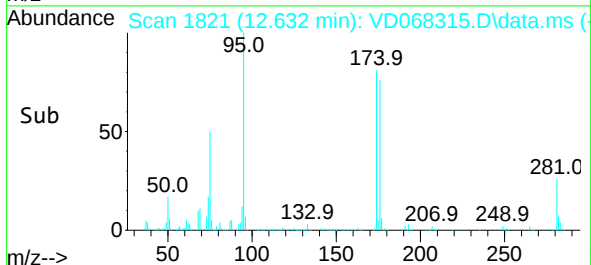
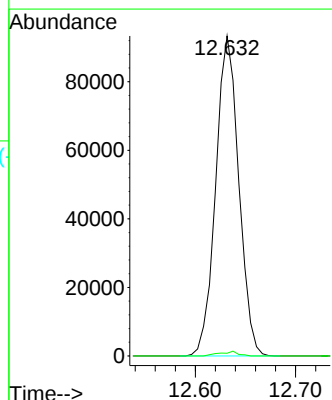
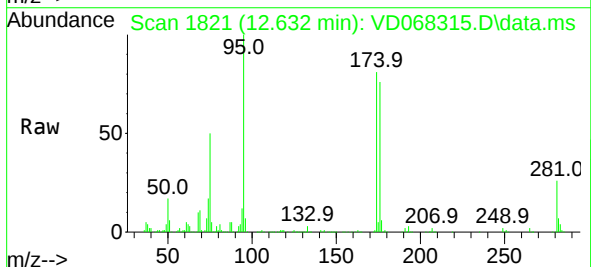
Instrument :
MSVOA_D
ClientSampleId :

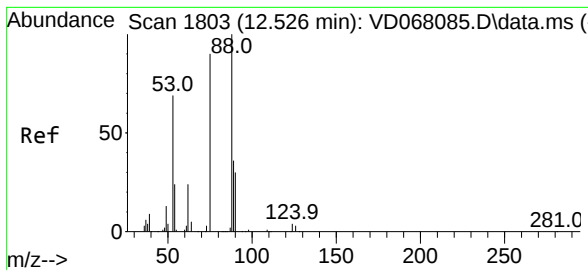
Tgt Ion:152 Resp: 243487
Ion Ratio Lower Upper
152 100
115 59.0 28.9 86.8
150 159.3 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 63.31 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068315.D
Acq: 08 Feb 2021 13:23

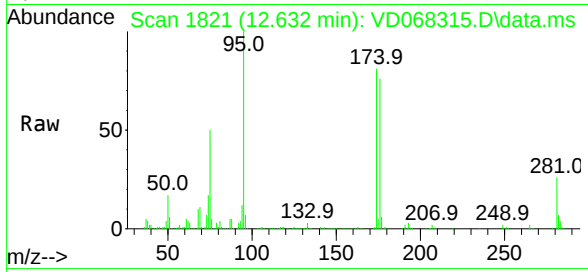
Tgt Ion: 75 Resp: 149050
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 128.11 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068315.D
 Acq: 08 Feb 2021 13:23

Instrument :
 MSVOA_D
 ClientSampled :



Tgt Ion: 75 Resp: 149050
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.2 105.2#
 89 0.4 40.3 60.5#

