

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041221\
 Data File : VD068833.D
 Acq On : 12 Apr 2021 15:40
 Operator : VA/SY
 Sample : M2003-01
 Misc : 6.61G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 13 01:10:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

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

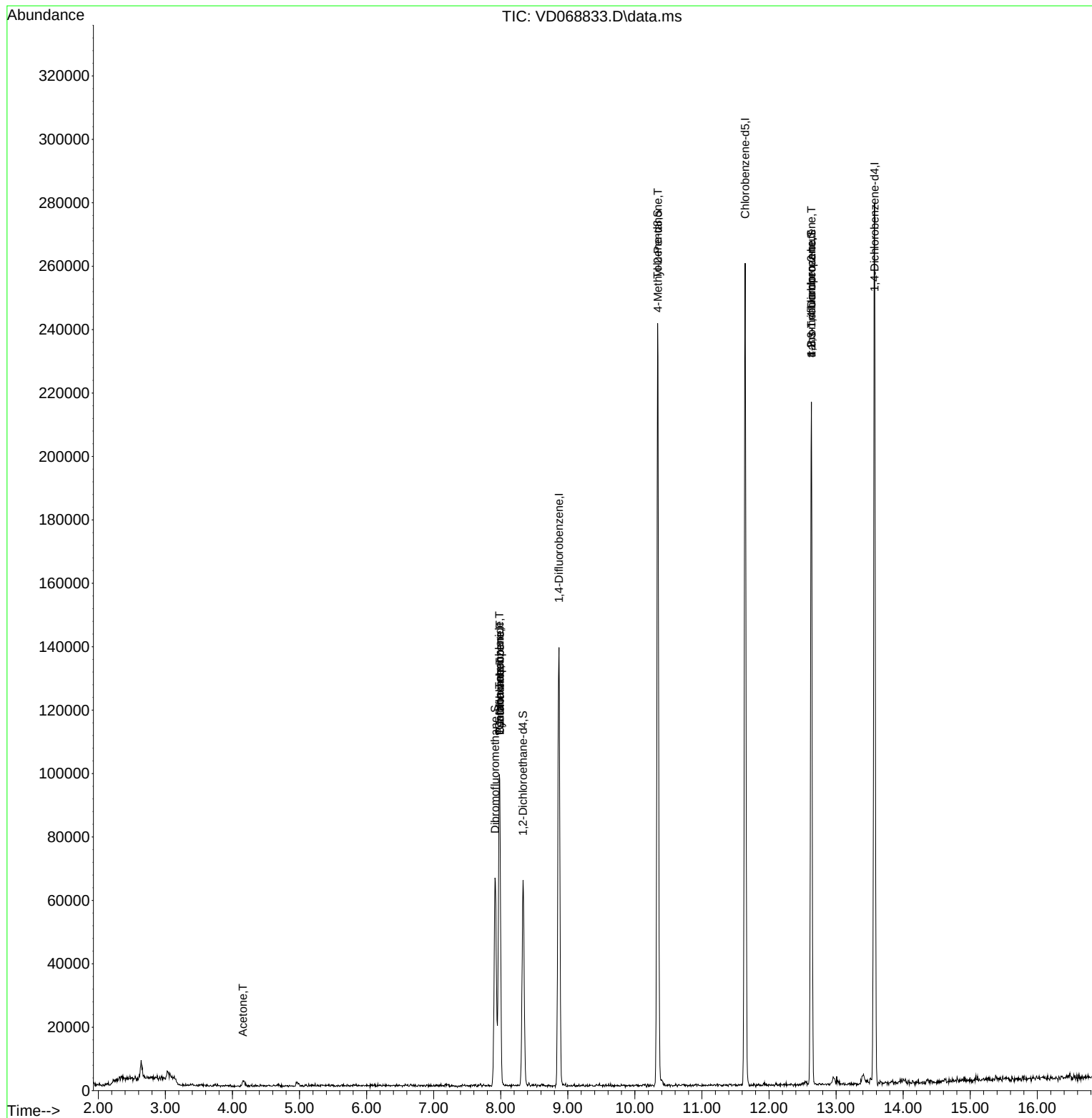
Internal Standards						
1) Pentafluorobenzene	7.985	168	78198	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	130635	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	156902	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	80041	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	51156	61.90	ug/l	0.00
Spiked Amount 50.000	Range	50 - 163	Recovery	= 123.80%		
35) Dibromofluoromethane	7.914	113	47520	55.93	ug/l	0.00
Spiked Amount 50.000	Range	54 - 147	Recovery	= 111.86%		
50) Toluene-d8	10.338	98	165474	51.62	ug/l	0.00
Spiked Amount 50.000	Range	49 - 140	Recovery	= 103.24%		
62) 4-Bromofluorobenzene	12.632	95	70464	66.19	ug/l	0.00
Spiked Amount 50.000	Range	25 - 144	Recovery	= 132.38%		
Target Compounds						
						Qvalue
16) Acetone	4.156	43	3056	26.70	ug/l #	73
20) Methylene Chloride	4.967	84	999	Below Cal	#	83
31) Cyclohexane	7.985	56	1653	1.20	ug/l #	60
36) 1,1-Dichloropropene	7.985	75	5697	4.31	ug/l #	46
38) Carbon Tetrachloride	7.979	117	7178	5.48	ug/l #	18
51) 4-Methyl-2-Pentanone	10.344	43	680	1.70	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	34241	46.83	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	34241	108.67	ug/l #	16

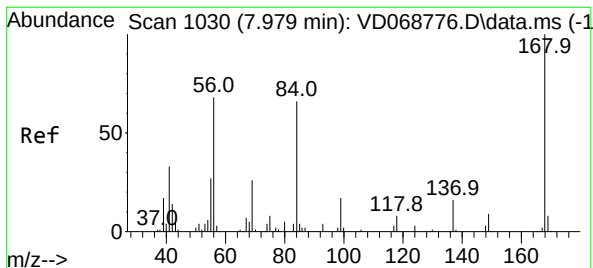
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041221\
Data File : VD068833.D
Acq On : 12 Apr 2021 15:40
Operator : VA/SY
Sample : M2003-01
Misc : 6.61G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Apr 13 01:10:01 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 2021
Response via : Initial Calibration

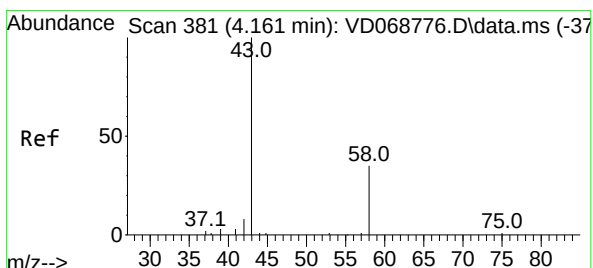
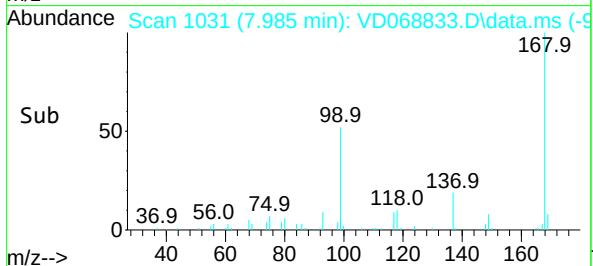
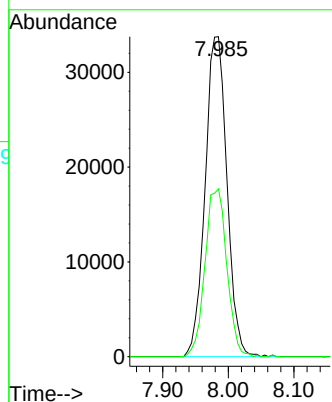
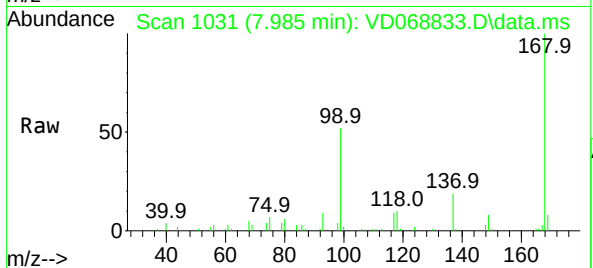




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068833.D
Acq: 12 Apr 2021 15:40

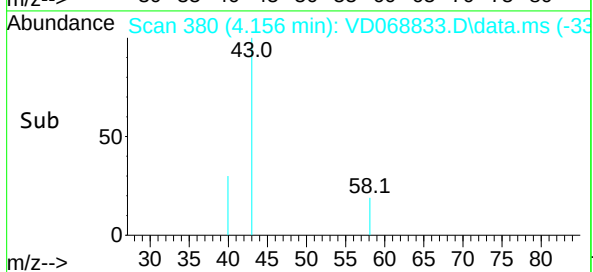
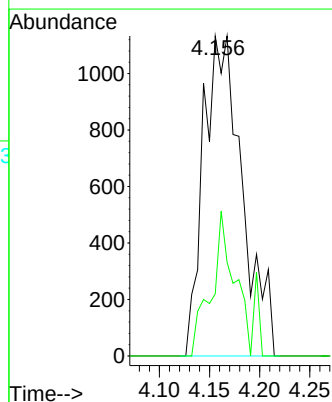
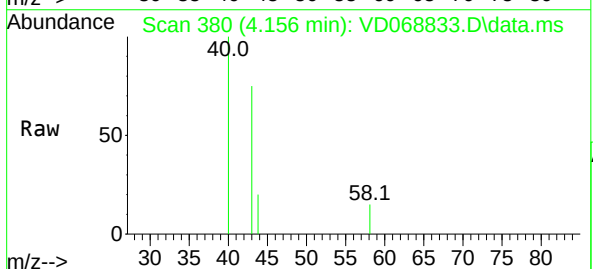
Instrument :
MSVOA_D
ClientSampled :

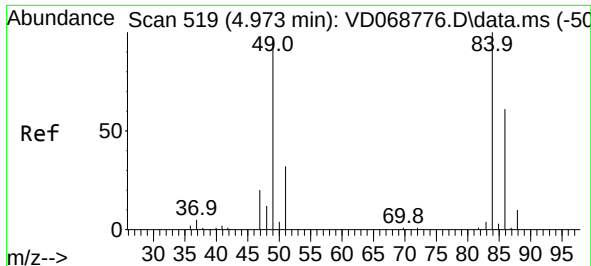
Tgt Ion:168 Resp: 78198
Ion Ratio Lower Upper
168 100
99 52.5 46.2 69.2



#16
Acetone
Concen: 26.70 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.005 min
Lab File: VD068833.D
Acq: 12 Apr 2021 15:40

Tgt Ion: 43 Resp: 3056
Ion Ratio Lower Upper
43 100
58 19.4 28.0 42.0#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.967 min Scan# 518

Delta R.T. -0.006 min

Lab File: VD068833.D

Acq: 12 Apr 2021 15:40

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 84 Resp: 999

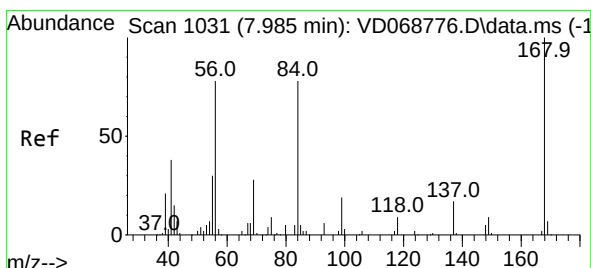
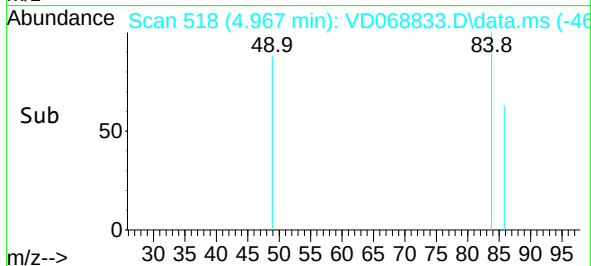
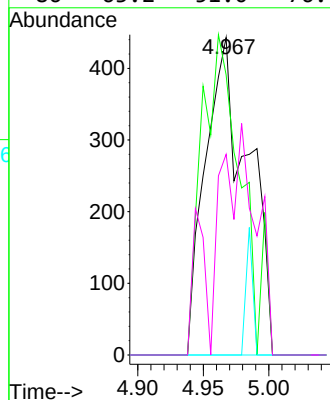
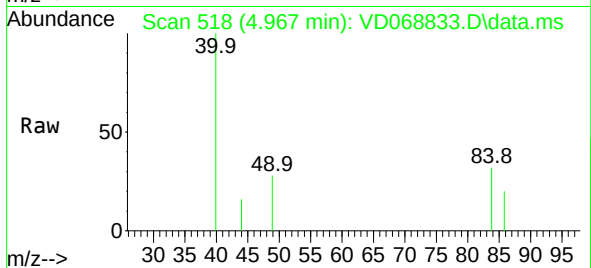
Ion Ratio Lower Upper

84 100

49 88.3 83.4 125.0

51 0.0 23.4 35.2#

86 63.2 51.0 76.4



#31

Cyclohexane

Concen: 1.20 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VD068833.D

Acq: 12 Apr 2021 15:40

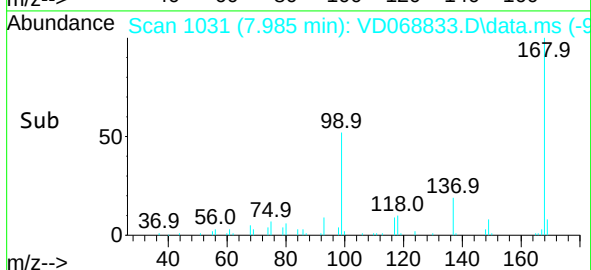
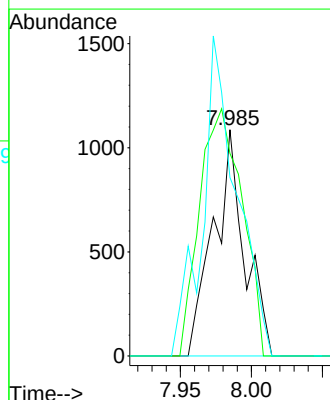
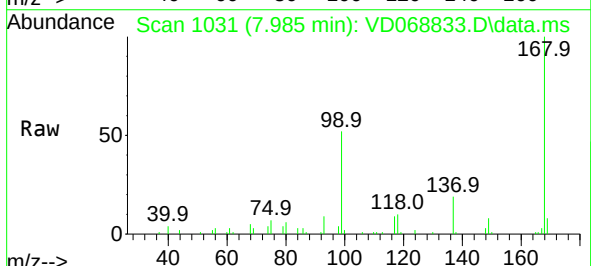
Tgt Ion: 56 Resp: 1653

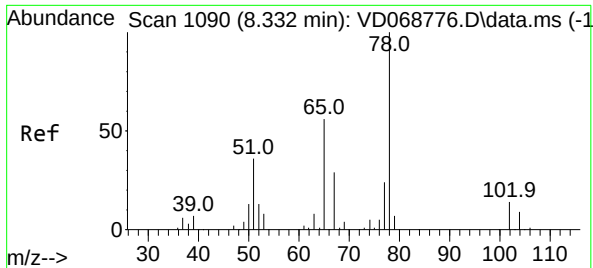
Ion Ratio Lower Upper

56 100

69 89.5 30.0 45.0#

84 78.8 82.0 123.0#

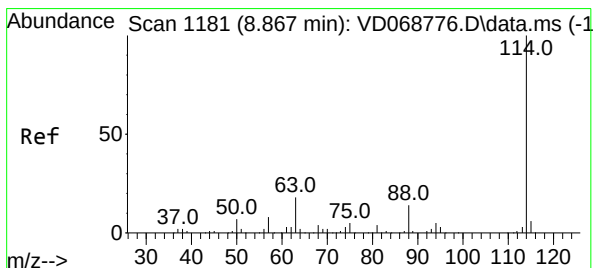
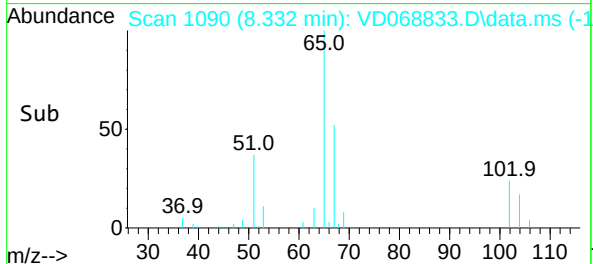
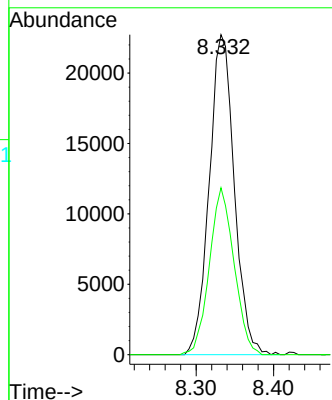
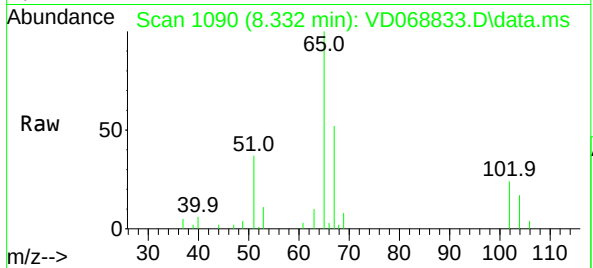




#33
1,2-Dichloroethane-d4
Concen: 61.90 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068833.D
Acq: 12 Apr 2021 15:40

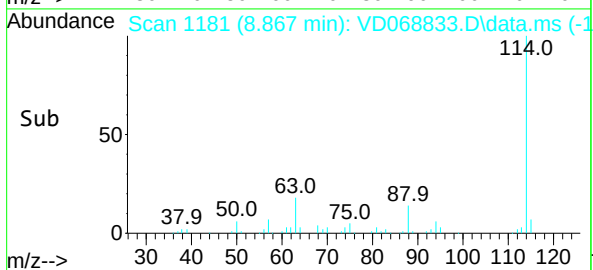
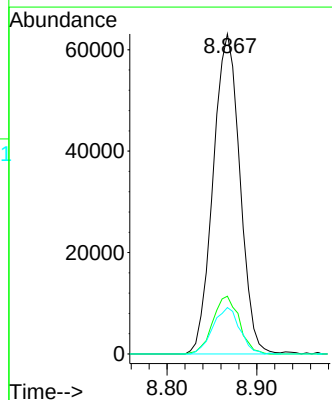
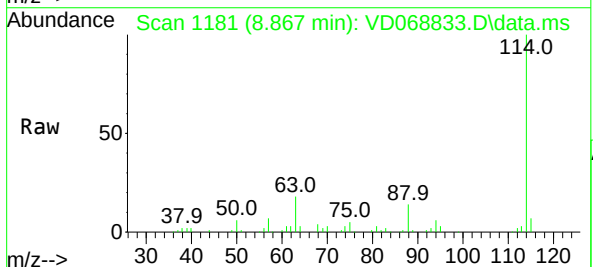
Instrument :
MSVOA_D
ClientSampled :

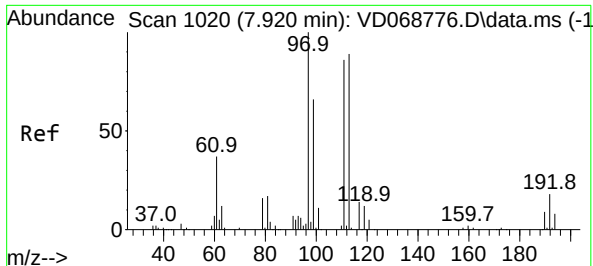
Tgt Ion: 65 Resp: 51156
Ion Ratio Lower Upper
65 100
67 51.3 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068833.D
Acq: 12 Apr 2021 15:40

Tgt Ion: 114 Resp: 130635
Ion Ratio Lower Upper
114 100
63 18.1 0.0 38.2
88 14.5 0.0 29.4





#35

Dibromofluoromethane

Concen: 55.93 ug/l

RT: 7.914 min Scan# 1019

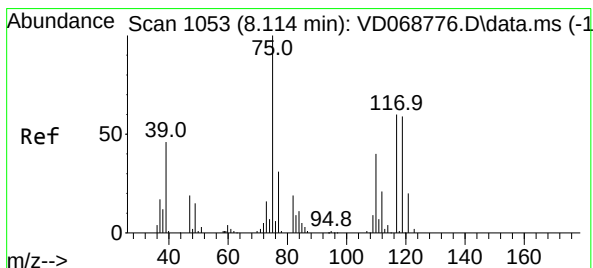
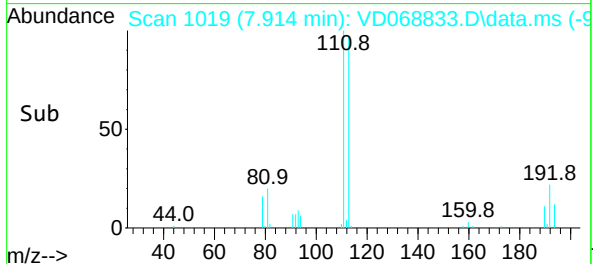
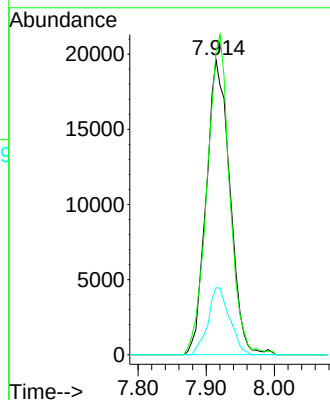
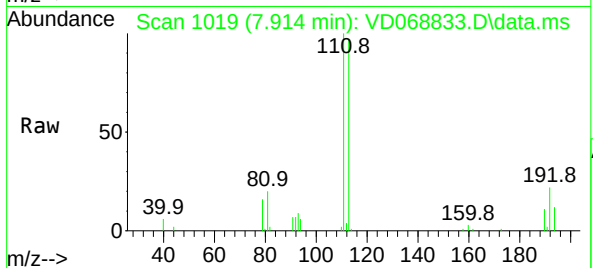
Delta R.T. -0.006 min

Lab File: VD068833.D

Acq: 12 Apr 2021 15:40

Tgt Ion:	113	Resp:	47520
Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.5	123.7
192	20.7	15.1	22.7

Instrument :
MSVOA_D
ClientSampleId :



#36

1,1-Dichloropropene

Concen: 4.31 ug/l

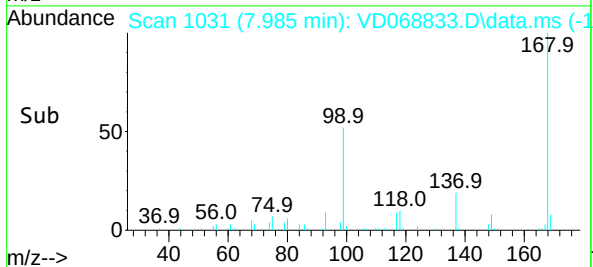
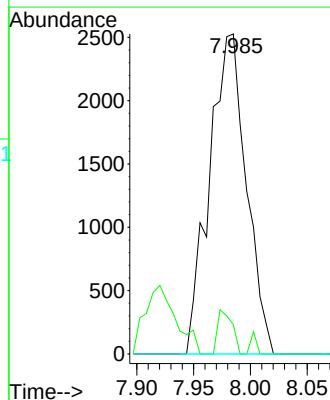
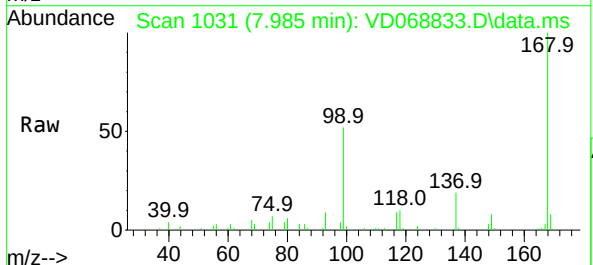
RT: 7.985 min Scan# 1031

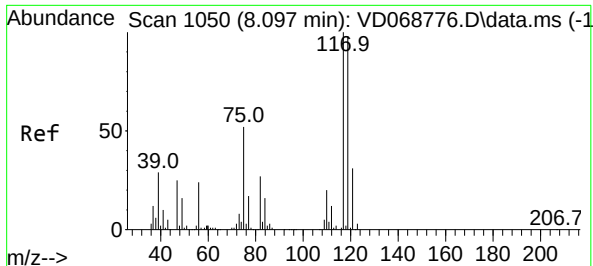
Delta R.T. -0.129 min

Lab File: VD068833.D

Acq: 12 Apr 2021 15:40

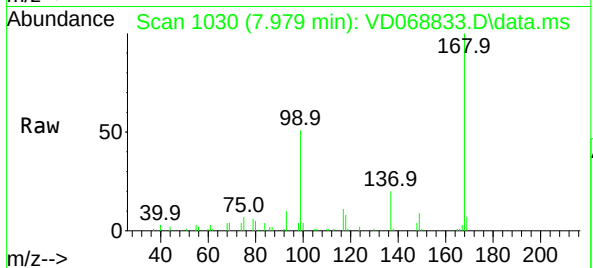
Tgt Ion:	75	Resp:	5697
Ion	Ratio	Lower	Upper
75	100		
110	5.5	18.1	54.4#
77	0.0	24.7	37.1#



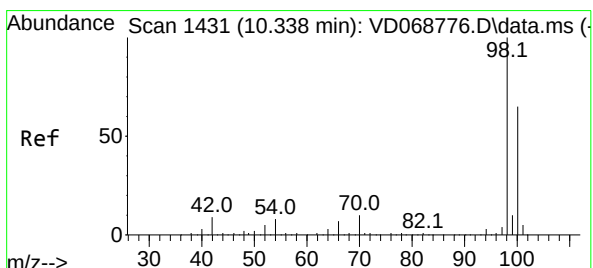
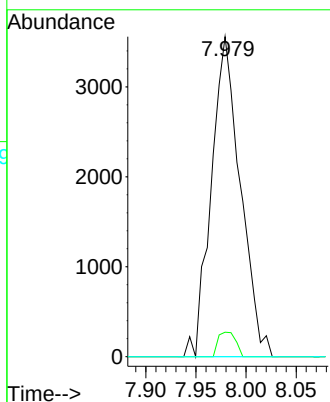
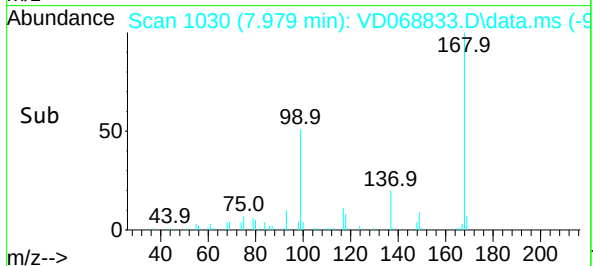


#38
Carbon Tetrachloride
Concen: 5.48 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD068833.D
Acq: 12 Apr 2021 15:40

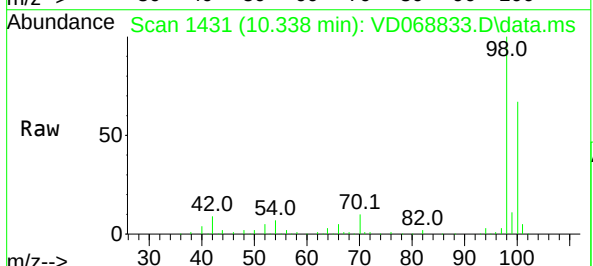
Instrument :
MSVOA_D
ClientSampled :



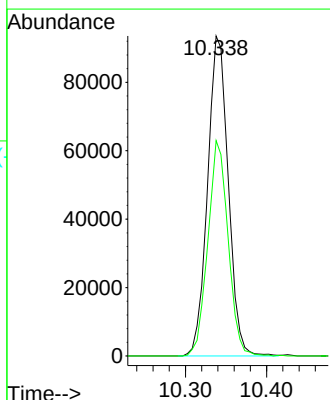
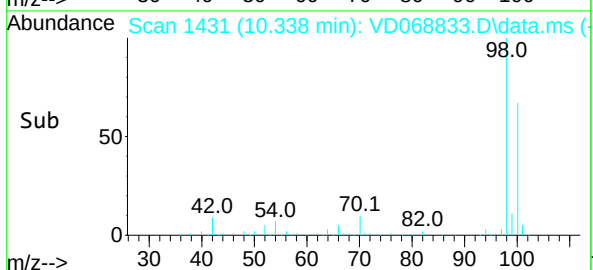
Tgt Ion:117 Resp: 7178
Ion Ratio Lower Upper
117 100
119 7.6 76.6 115.0#
121 0.0 26.1 39.1#

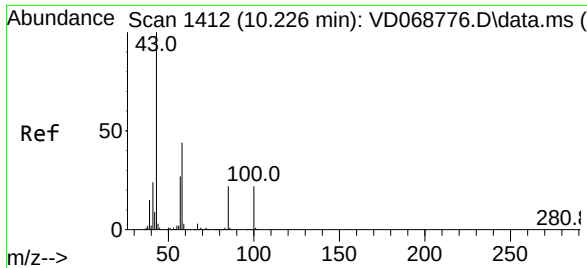


#50
Toluene-d8
Concen: 51.62 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068833.D
Acq: 12 Apr 2021 15:40



Tgt Ion: 98 Resp: 165474
Ion Ratio Lower Upper
98 100
100 65.9 51.8 77.6

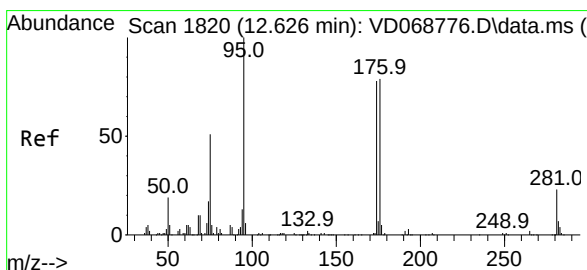
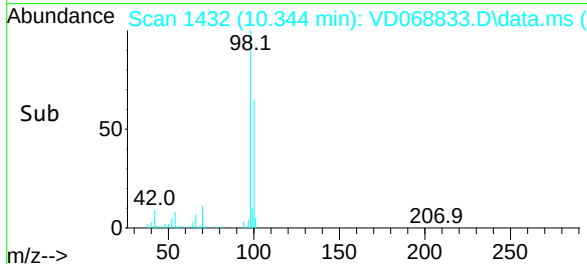
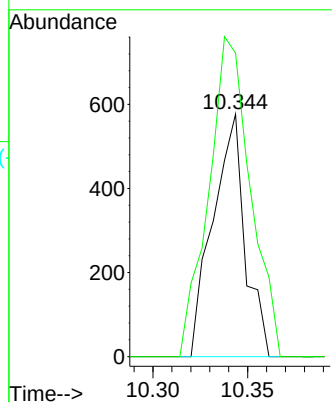
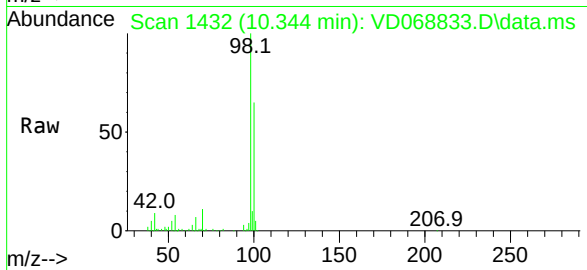




#51
4-Methyl-2-Pentanone
Concen: 1.70 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.118 min
Lab File: VD068833.D
Acq: 12 Apr 2021 15:40

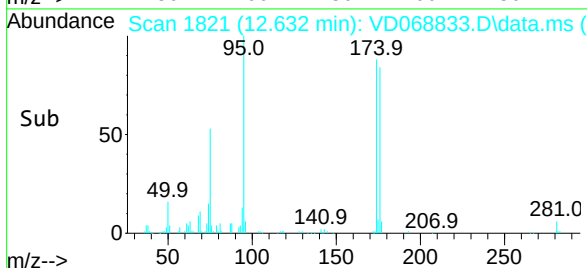
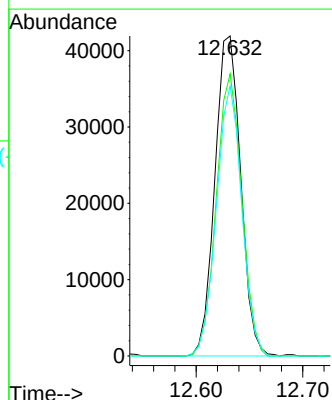
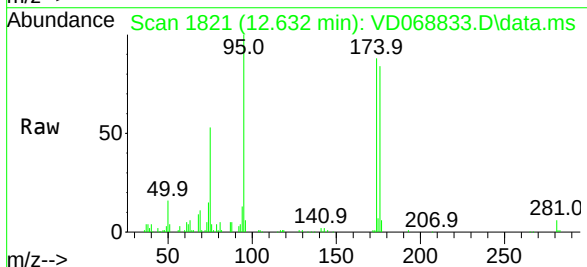
Instrument :
MSVOA_D
ClientSampled :

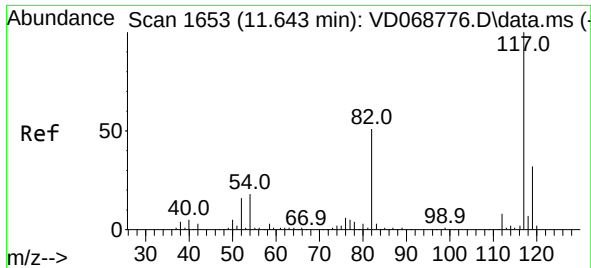
Tgt Ion: 43 Resp: 680
Ion Ratio Lower Upper
43 100
58 171.9 37.3 55.9#



#62
4-Bromofluorobenzene
Concen: 66.19 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068833.D
Acq: 12 Apr 2021 15:40

Tgt Ion: 95 Resp: 70464
Ion Ratio Lower Upper
95 100
174 87.2 0.0 168.0
176 82.9 0.0 160.2

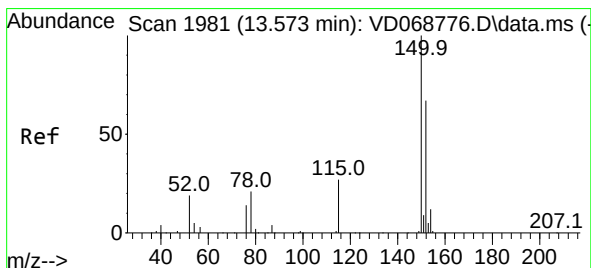
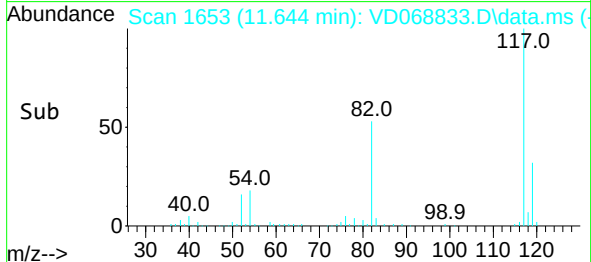
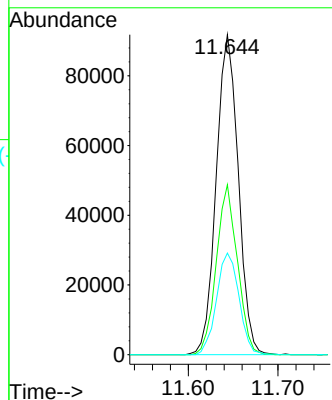
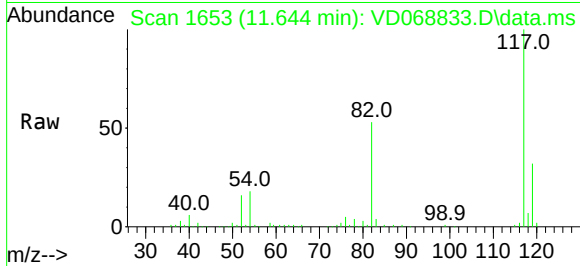




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068833.D
Acq: 12 Apr 2021 15:40

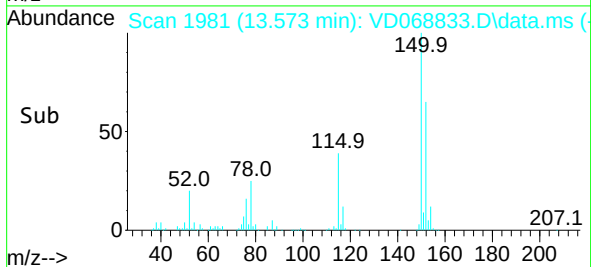
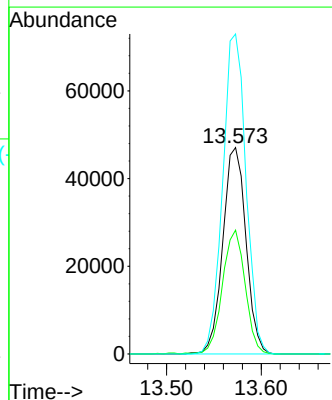
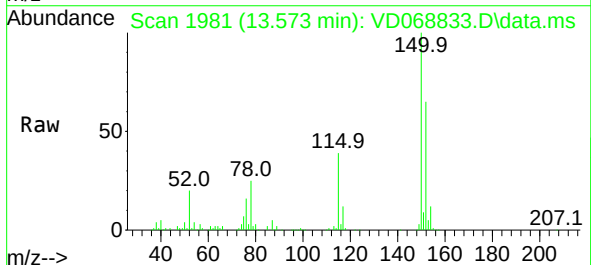
Instrument :
MSVOA_D
ClientSampled :

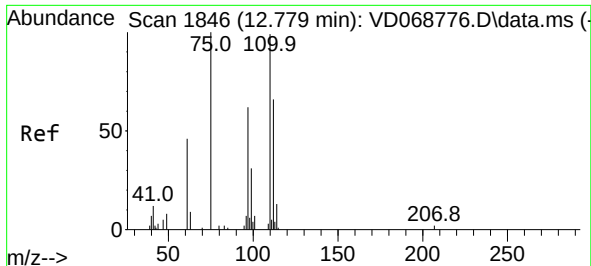
Tgt Ion:117 Resp: 156902
Ion Ratio Lower Upper
117 100
82 53.1 43.5 65.3
119 31.8 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068833.D
Acq: 12 Apr 2021 15:40

Tgt Ion:152 Resp: 80041
Ion Ratio Lower Upper
152 100
115 58.9 29.3 87.8
150 156.0 0.0 347.6

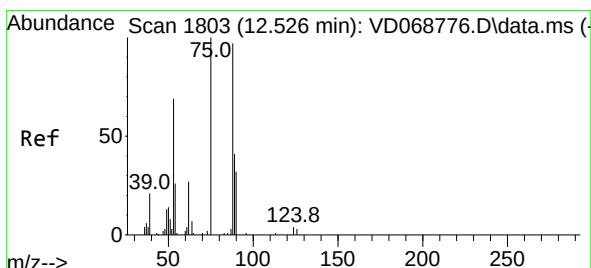
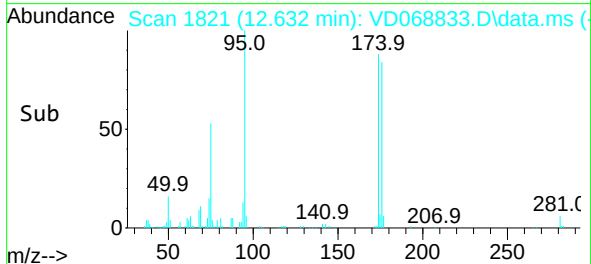
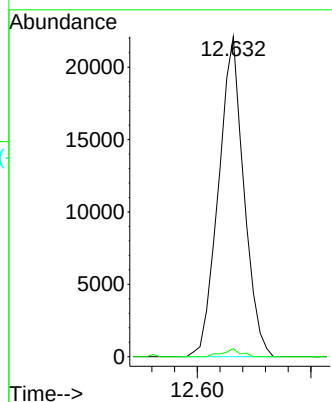
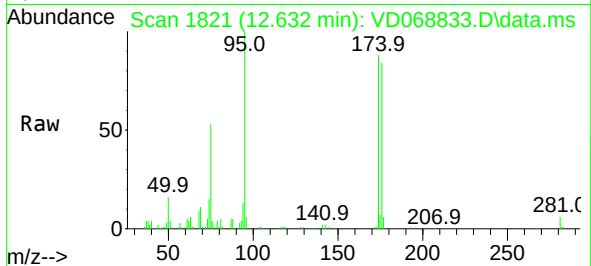




#76
1,2,3-Trichloropropane
Concen: 46.83 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD068833.D
Acq: 12 Apr 2021 15:40

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 75 Resp: 34241
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 108.67 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068833.D
Acq: 12 Apr 2021 15:40

Tgt Ion: 75 Resp: 34241
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 36.6 54.8#

