

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041521\
 Data File : VD068852.D
 Acq On : 15 Apr 2021 13:21
 Operator : VA/SY
 Sample : M2042-01
 Misc : 5.34G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 16 01:06:52 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)

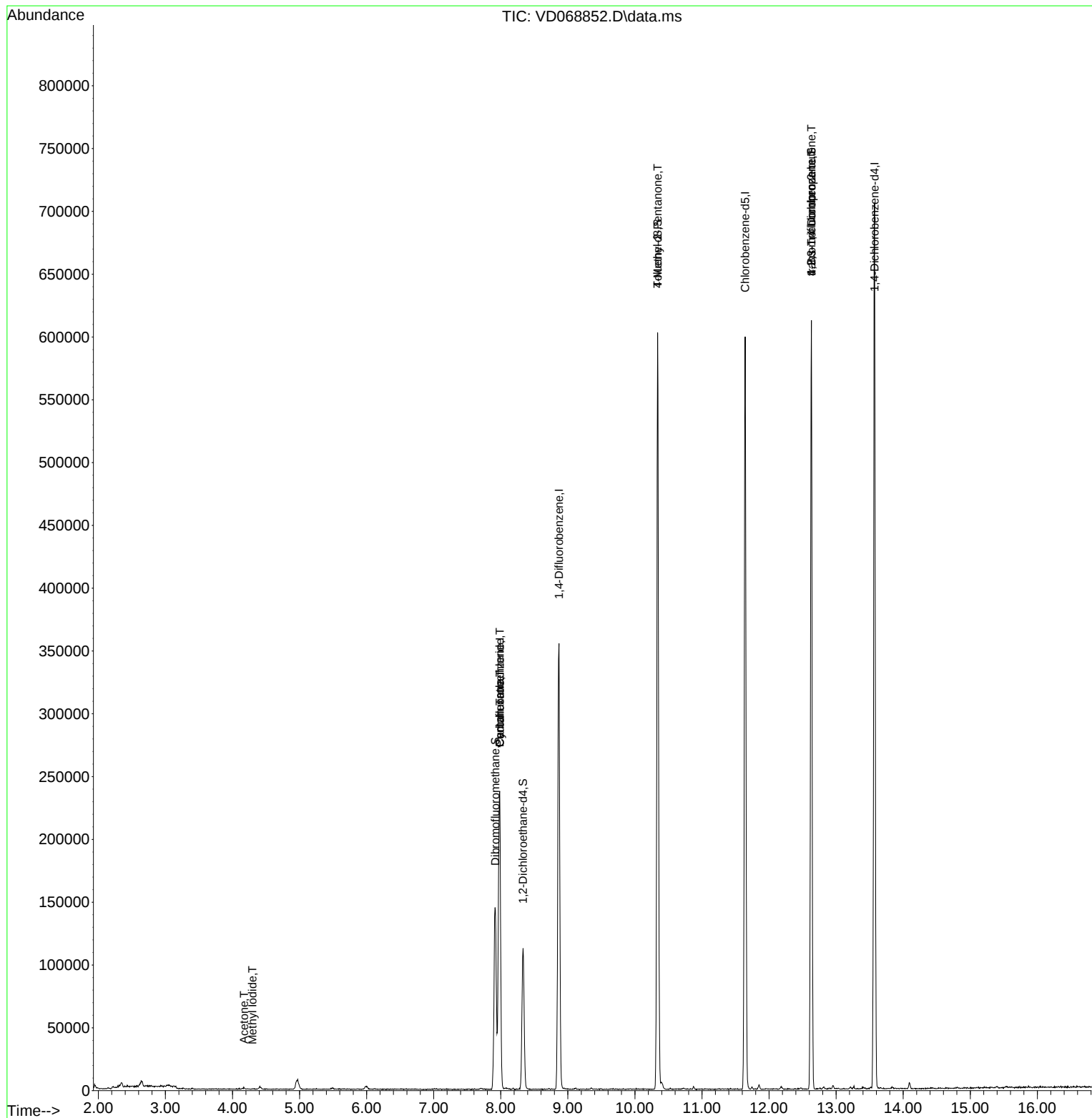
Internal Standards						
1) Pentafluorobenzene	7.985	168	189321	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	326142	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	358811	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	191330	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	88951	44.46	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.92%
35) Dibromofluoromethane	7.920	113	106675	50.29	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.58%
50) Toluene-d8	10.338	98	413072	51.62	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.24%
62) 4-Bromofluorobenzene	12.632	95	174283	65.57	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	131.14%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.297	142	232	2.34	ug/l #	41
16) Acetone	4.173	43	1244	4.49	ug/l	97
20) Methylene Chloride	4.962	84	6547	Below Cal	#	86
31) Cyclohexane	7.985	56	4383	1.32	ug/l #	37
38) Carbon Tetrachloride	7.985	117	18620	5.70	ug/l #	16
51) 4-Methyl-2-Pentanone	10.338	43	1371	1.38	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	88754	50.78	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	88754	117.84	ug/l #	16

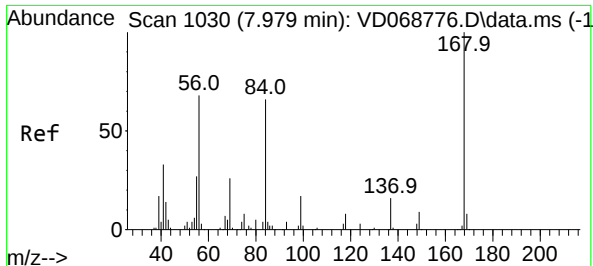
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041521\
Data File : VD068852.D
Acq On : 15 Apr 2021 13:21
Operator : VA/SY
Sample : M2042-01
Misc : 5.34G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Apr 16 01:06:52 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

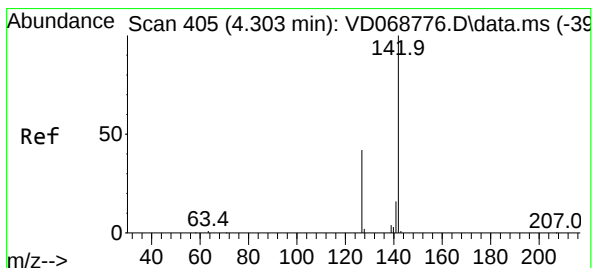
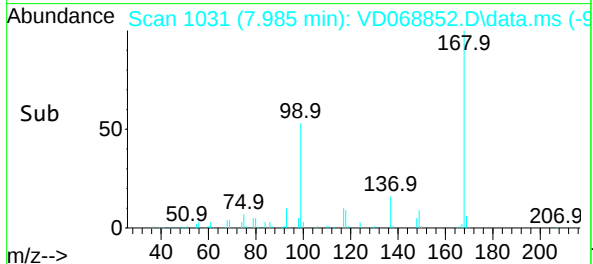
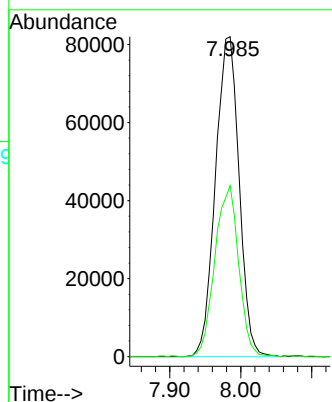
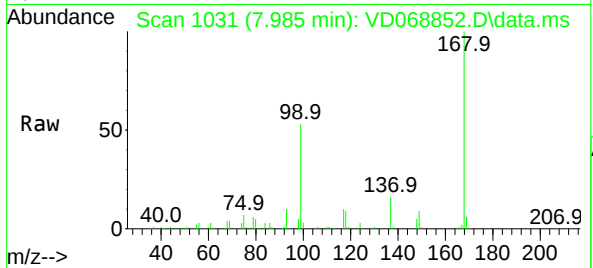




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068852.D
Acq: 15 Apr 2021 13:21

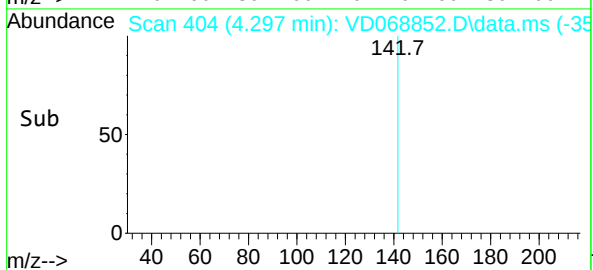
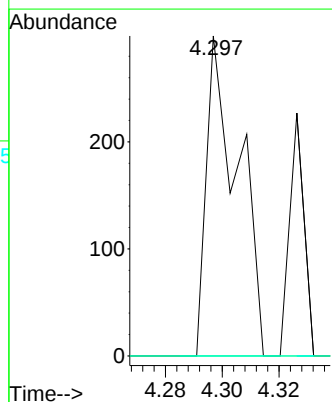
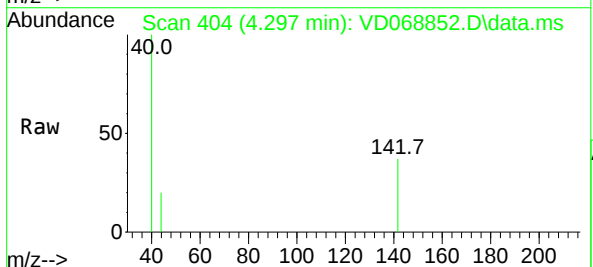
Instrument :
MSVOA_D
ClientSampleId :

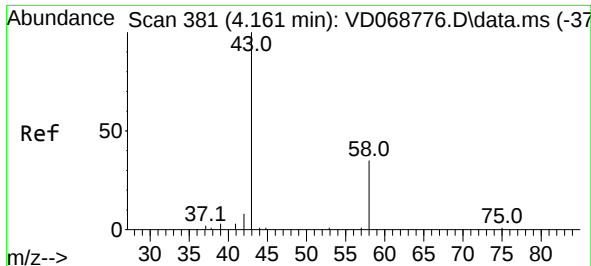
Tgt Ion:168 Resp: 189321
Ion Ratio Lower Upper
168 100
99 53.4 46.2 69.2



#10
Methyl Iodide
Concen: 2.34 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD068852.D
Acq: 15 Apr 2021 13:21

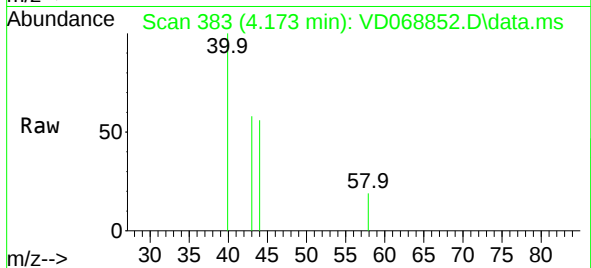
Tgt Ion:142 Resp: 232
Ion Ratio Lower Upper
142 100
127 0.0 34.7 52.1#
141 0.0 11.0 16.4#



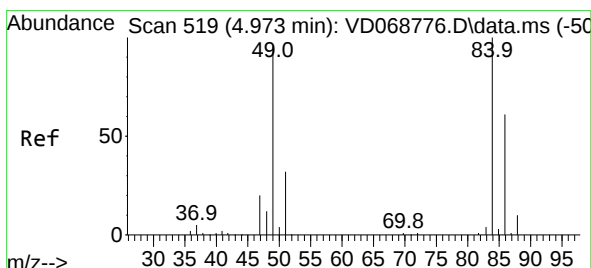
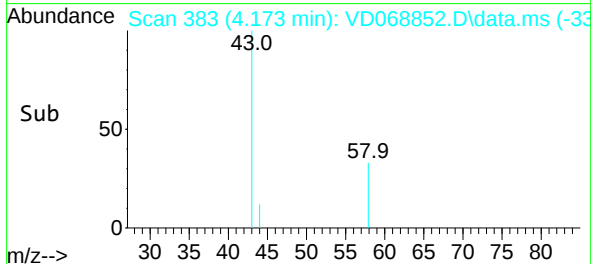
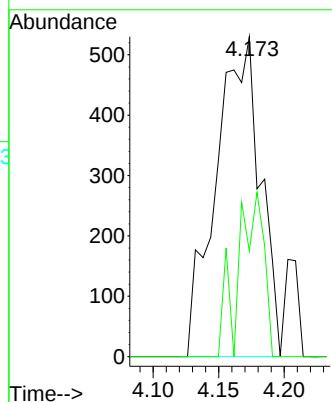


#16
Acetone
Concen: 4.49 ug/l
RT: 4.173 min Scan# 383
Delta R.T. 0.012 min
Lab File: VD068852.D
Acq: 15 Apr 2021 13:21

Instrument :
MSVOA_D
ClientSampled :

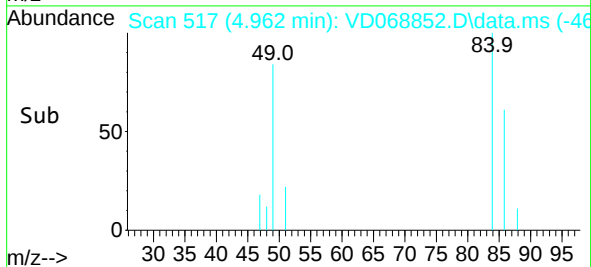
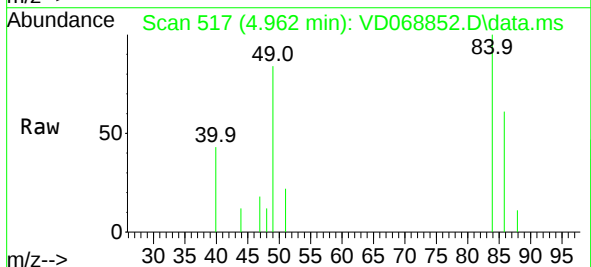
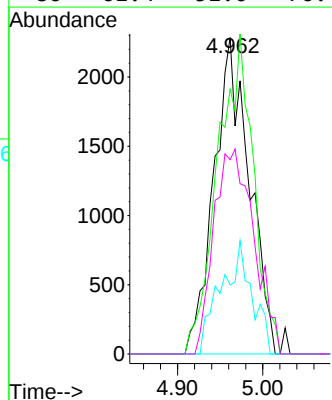


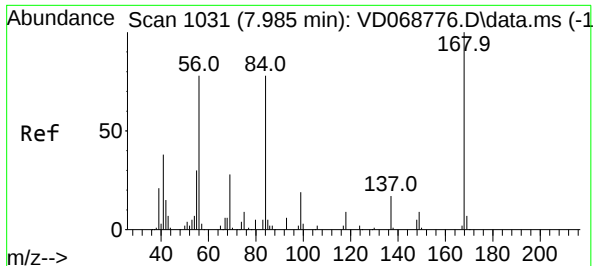
Tgt Ion: 43 Resp: 1244
Ion Ratio Lower Upper
43 100
58 33.0 28.0 42.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.011 min
Lab File: VD068852.D
Acq: 15 Apr 2021 13:21

Tgt Ion: 84 Resp: 6547
Ion Ratio Lower Upper
84 100
49 83.7 83.4 125.0
51 21.9 23.4 35.2#
86 61.4 51.0 76.4

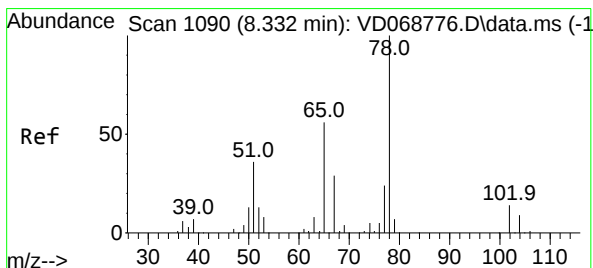
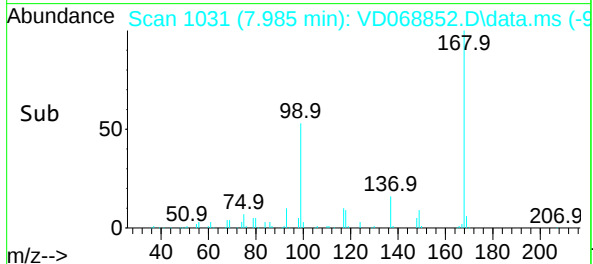
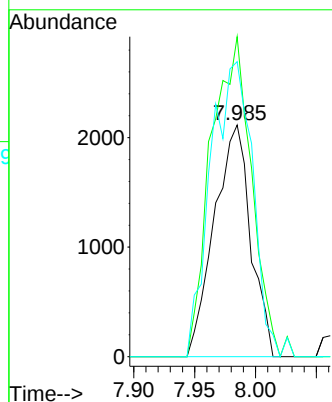
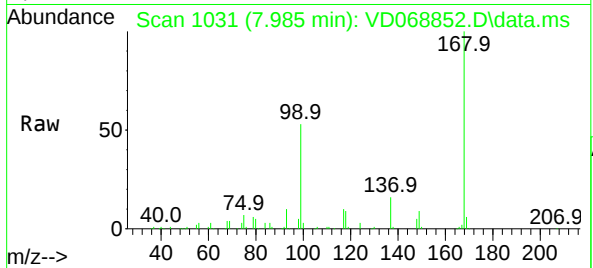




#31
Cyclohexane
Concen: 1.32 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068852.D
Acq: 15 Apr 2021 13:21

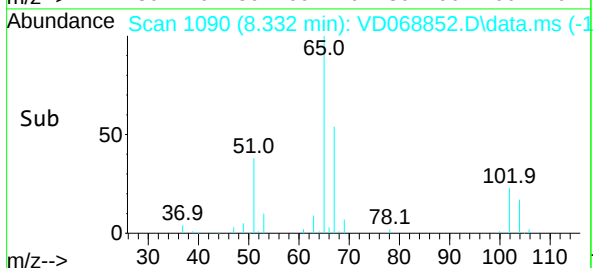
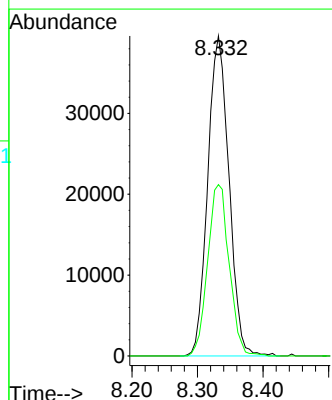
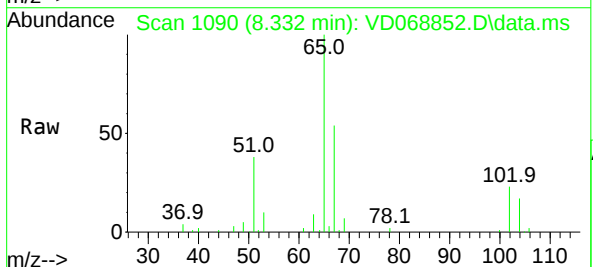
Instrument :
MSVOA_D
ClientSampleId :

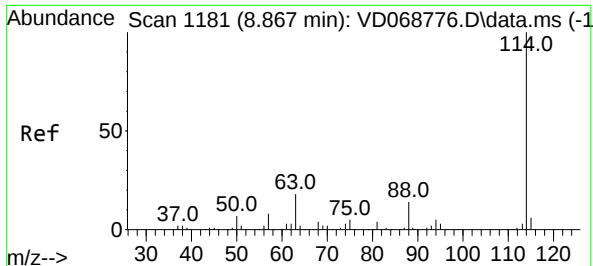
Tgt Ion: 56 Resp: 4383
Ion Ratio Lower Upper
56 100
69 138.2 30.0 45.0#
84 127.4 82.0 123.0#



#33
1,2-Dichloroethane-d4
Concen: 44.46 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068852.D
Acq: 15 Apr 2021 13:21

Tgt Ion: 65 Resp: 88951
Ion Ratio Lower Upper
65 100
67 54.3 0.0 106.0

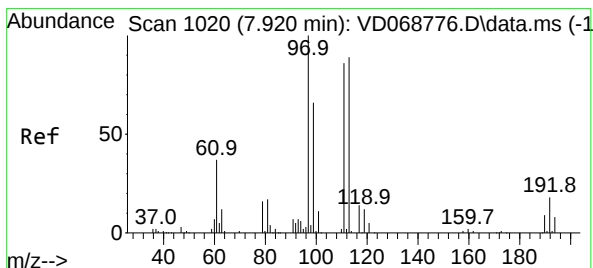
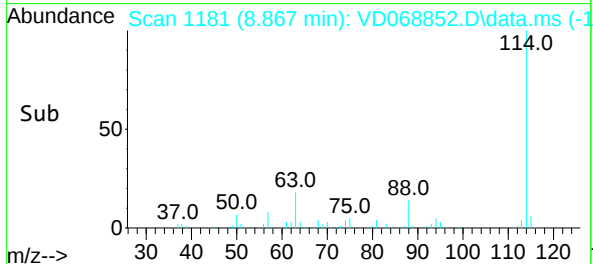
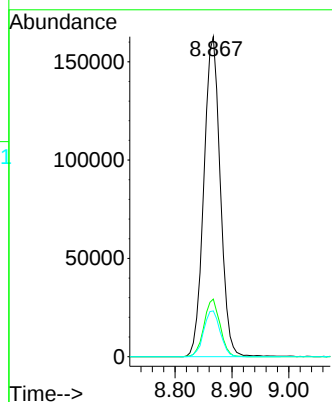
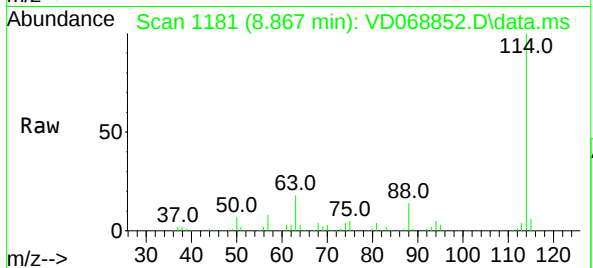




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068852.D
Acq: 15 Apr 2021 13:21

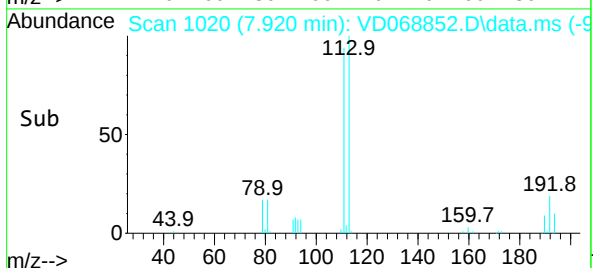
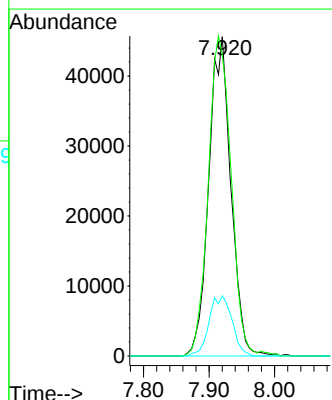
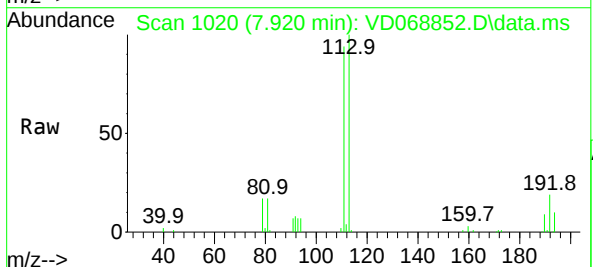
Instrument :
MSVOA_D
ClientSampleId :

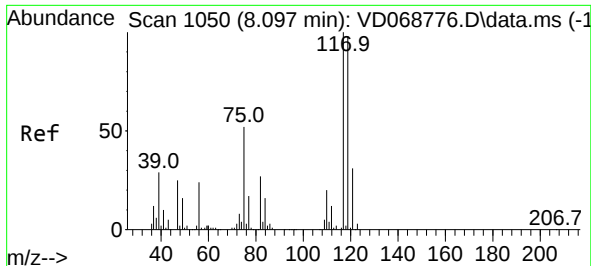
Tgt Ion:114 Resp: 326142
Ion Ratio Lower Upper
114 100
63 18.0 0.0 38.2
88 14.3 0.0 29.4



#35
Dibromofluoromethane
Concen: 50.29 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068852.D
Acq: 15 Apr 2021 13:21

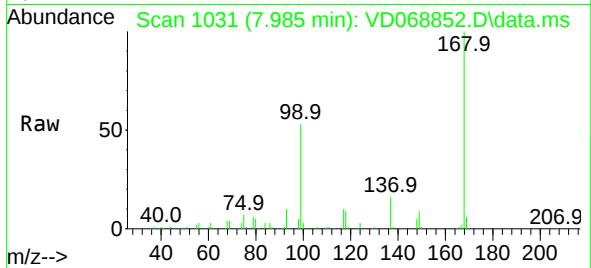
Tgt Ion:113 Resp: 106675
Ion Ratio Lower Upper
113 100
111 104.0 82.5 123.7
192 19.5 15.1 22.7



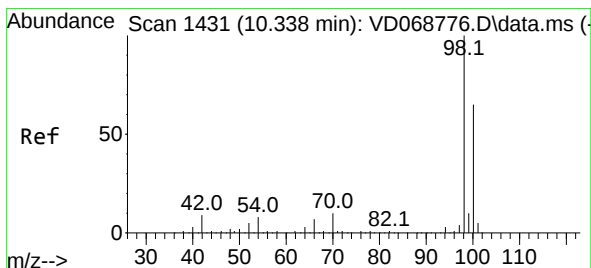
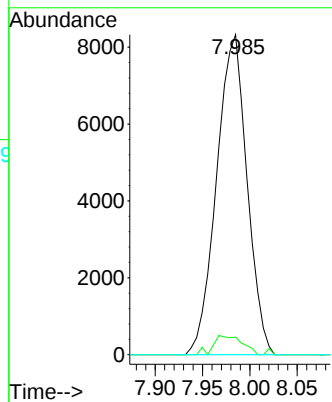
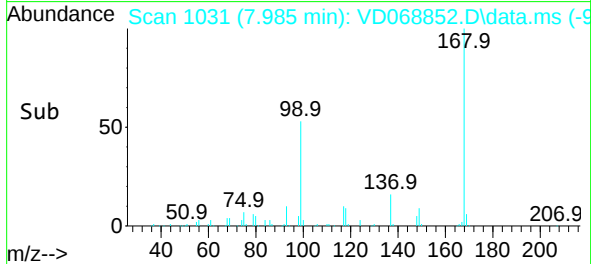


#38
Carbon Tetrachloride
Concen: 5.70 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.112 min
Lab File: VD068852.D
Acq: 15 Apr 2021 13:21

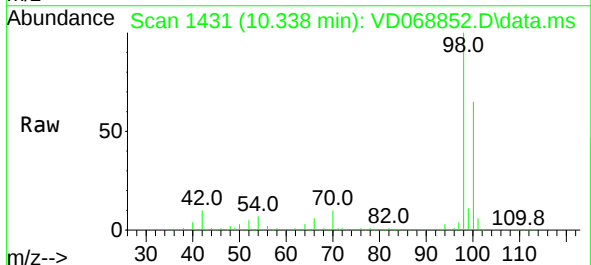
Instrument :
MSVOA_D
ClientSampleId :



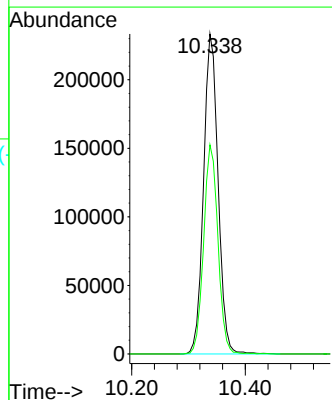
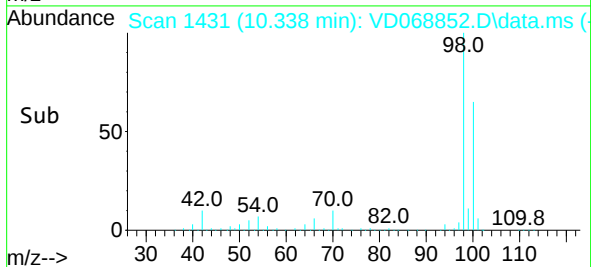
Tgt Ion:117 Resp: 18620
Ion Ratio Lower Upper
117 100
119 5.5 76.6 115.0#
121 0.0 26.1 39.1#

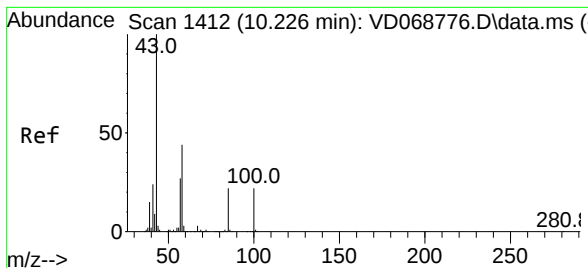


#50
Toluene-d8
Concen: 51.62 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068852.D
Acq: 15 Apr 2021 13:21



Tgt Ion: 98 Resp: 413072
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.6

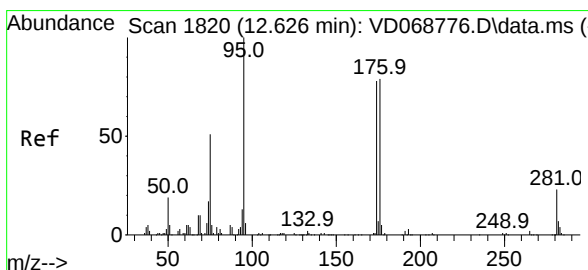
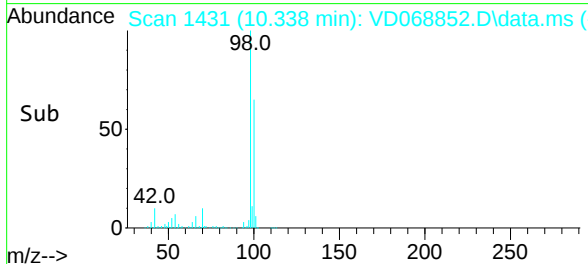
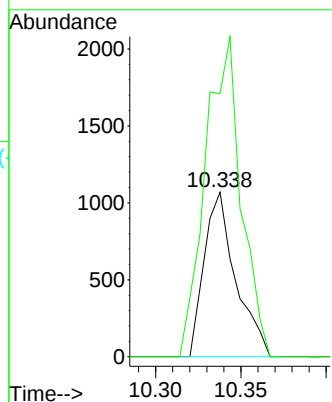
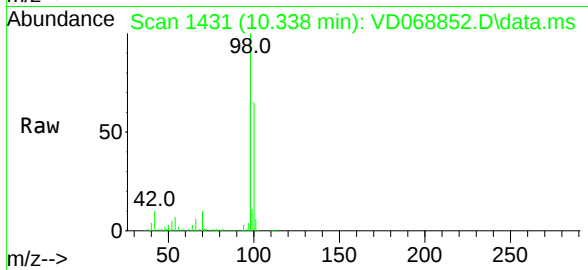




#51
4-Methyl-2-Pentanone
Concen: 1.38 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.112 min
Lab File: VD068852.D
Acq: 15 Apr 2021 13:21

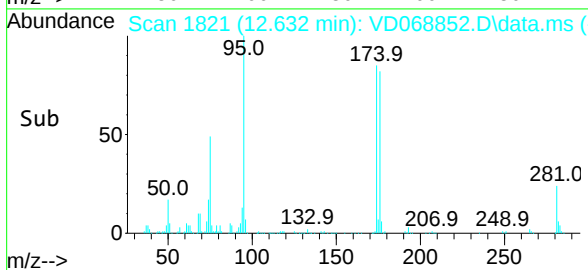
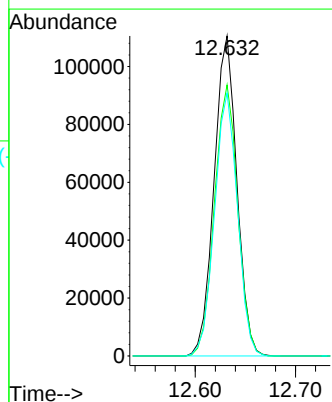
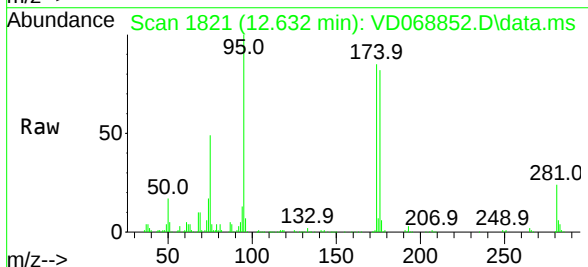
Instrument :
MSVOA_D
ClientSampled :

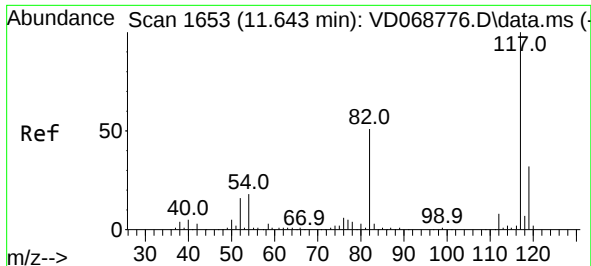
Tgt Ion: 43 Resp: 1371
Ion Ratio Lower Upper
43 100
58 221.4 37.3 55.9#



#62
4-Bromofluorobenzene
Concen: 65.57 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068852.D
Acq: 15 Apr 2021 13:21

Tgt Ion: 95 Resp: 174283
Ion Ratio Lower Upper
95 100
174 86.3 0.0 168.0
176 82.5 0.0 160.2

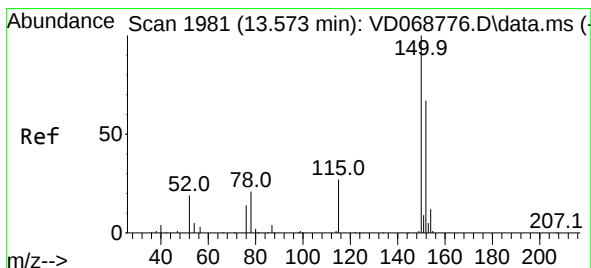
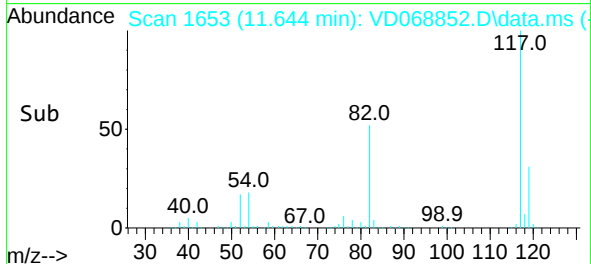
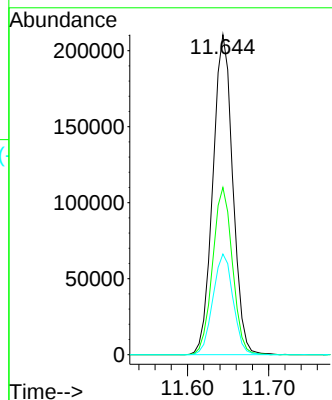
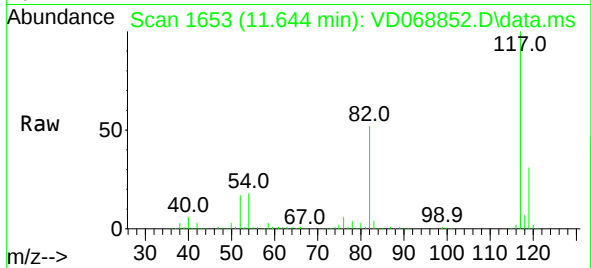




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068852.D
Acq: 15 Apr 2021 13:21

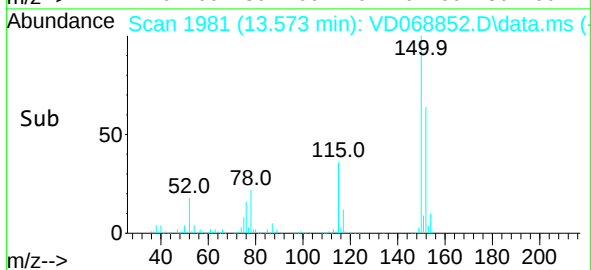
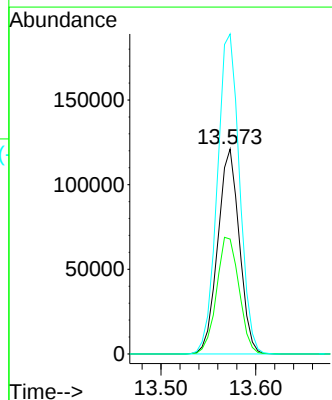
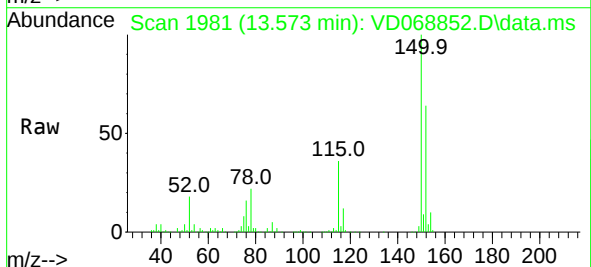
Instrument :
MSVOA_D
ClientSampleId :

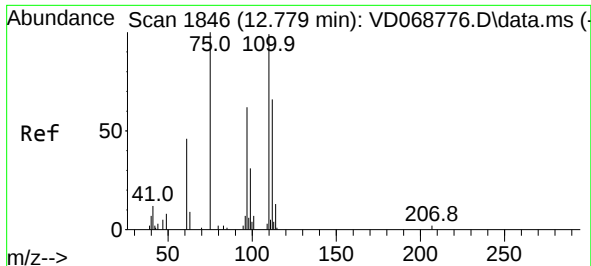
Tgt Ion:117 Resp: 358811
Ion Ratio Lower Upper
117 100
82 52.2 43.5 65.3
119 31.5 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068852.D
Acq: 15 Apr 2021 13:21

Tgt Ion:152 Resp: 191330
Ion Ratio Lower Upper
152 100
115 59.5 29.3 87.8
150 160.9 0.0 347.6

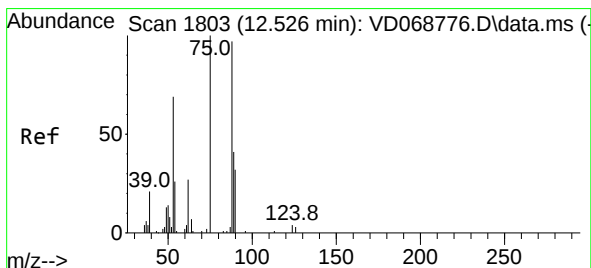
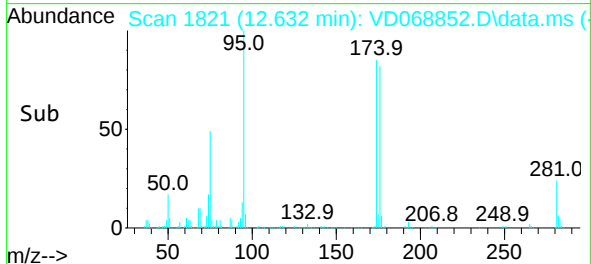
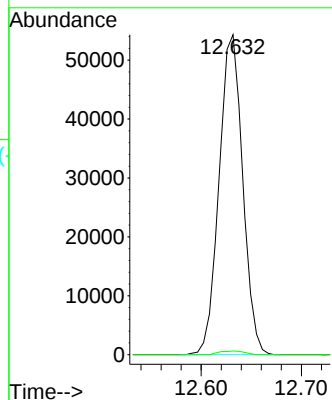
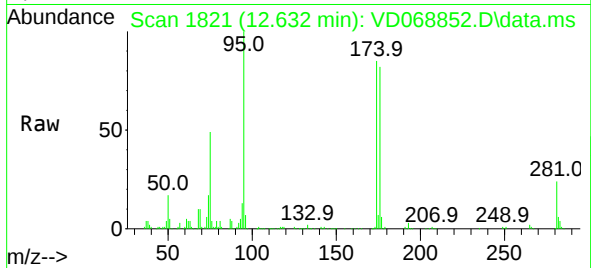




#76
1,2,3-Trichloropropane
Concen: 50.78 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD068852.D
Acq: 15 Apr 2021 13:21

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 88754
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 117.84 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068852.D
Acq: 15 Apr 2021 13:21

Tgt Ion: 75 Resp: 88754
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.3 36.6 54.8#

