

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041221\
 Data File : VD068843.D
 Acq On : 12 Apr 2021 20:22
 Operator : VA/SY
 Sample : M2010-01
 Misc : 7.69G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

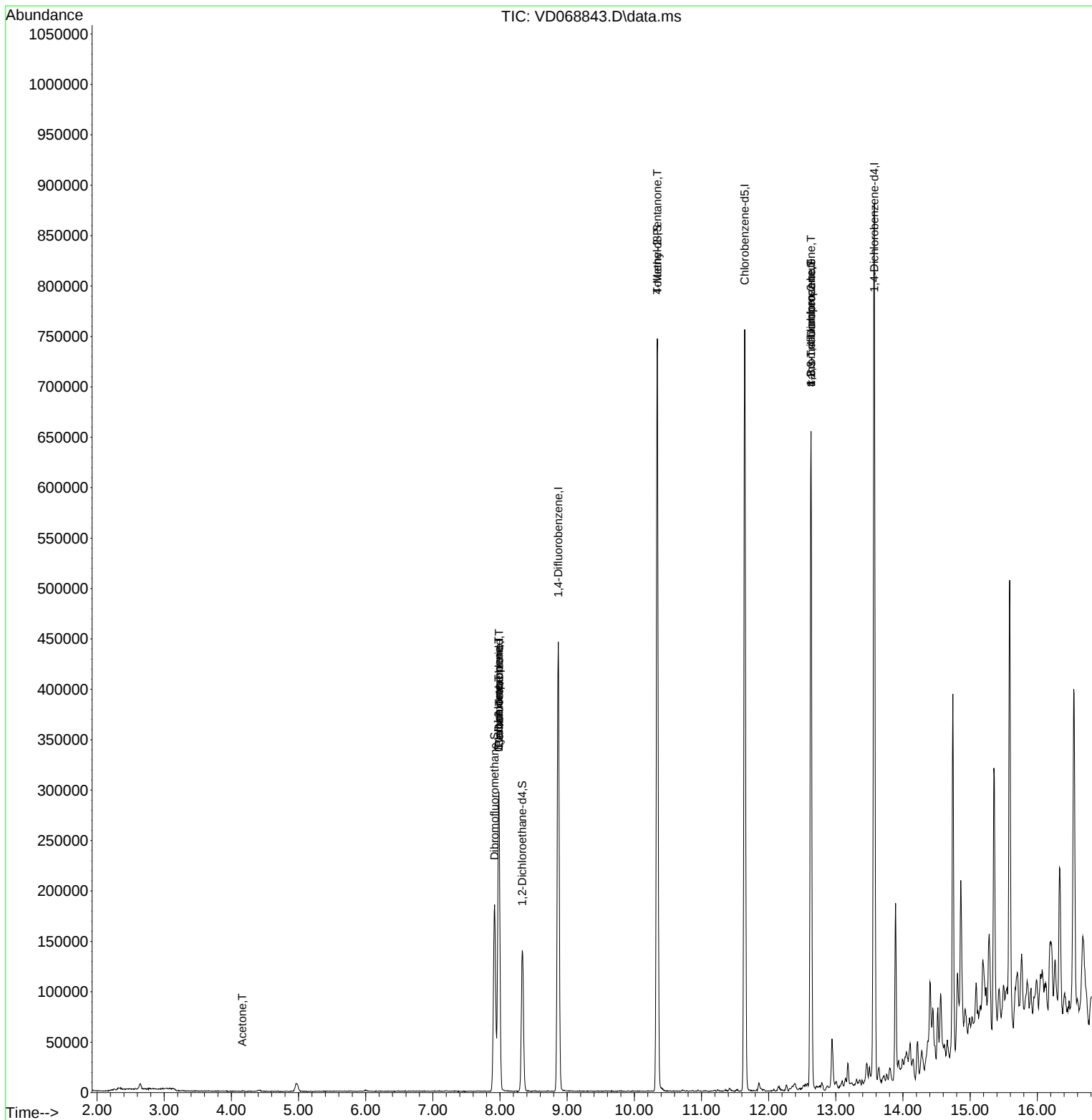
Quant Time: Apr 13 01:12:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

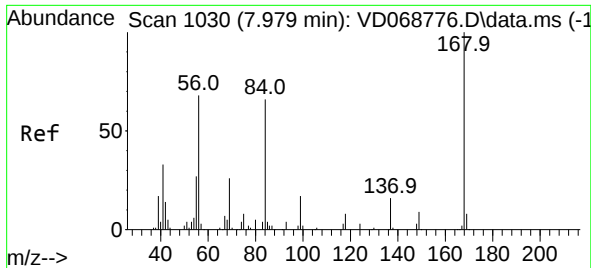
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.985	168	234434	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	417165	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	459851	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	243900	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	115793	46.74	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.48%		
35) Dibromofluoromethane	7.920	113	133249	49.11	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.22%		
50) Toluene-d8	10.344	98	532171	51.99	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	103.98%		
62) 4-Bromofluorobenzene	12.632	95	212199	62.42	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	124.84%		
Target Compounds						
16) Acetone	4.161	43	361	1.05	ug/l #	40
20) Methylene Chloride	4.961	84	3342	Below Cal	#	90
31) Cyclohexane	7.979	56	4532	1.10	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	17752	4.20	ug/l #	49
38) Carbon Tetrachloride	7.985	117	22210	5.31	ug/l #	16
51) 4-Methyl-2-Pentanone	10.344	43	1825	1.43	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	106124	47.63	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	106124	110.53	ug/l #	16

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

Quant Time: Apr 13 01:12:55 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

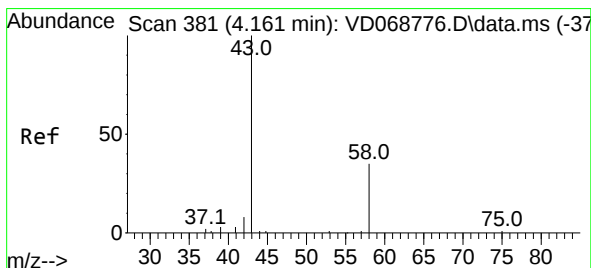
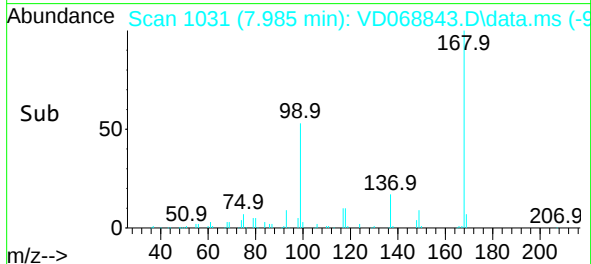
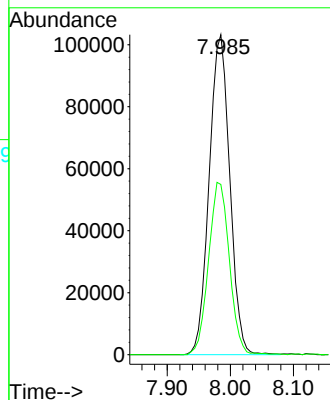
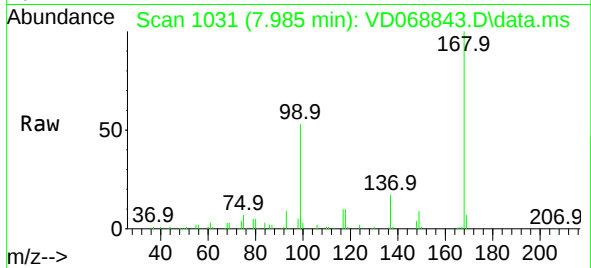




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068843.D
Acq: 12 Apr 2021 20:22

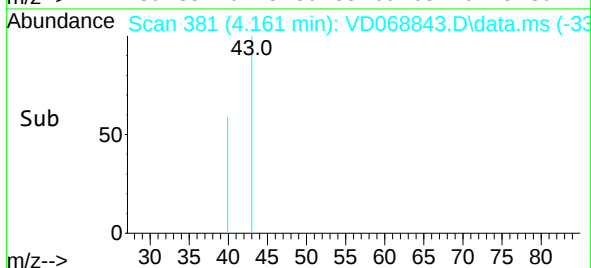
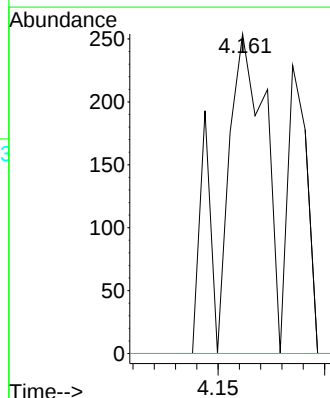
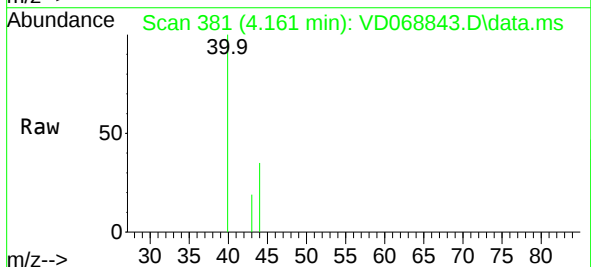
Instrument :
MSVOA_D
ClientSampled :

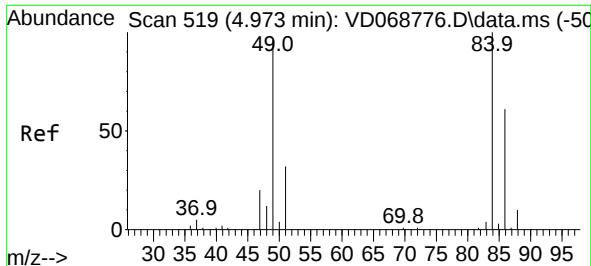
Tgt Ion:168 Resp: 234434
Ion Ratio Lower Upper
168 100
99 53.2 46.2 69.2



#16
Acetone
Concen: 1.05 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068843.D
Acq: 12 Apr 2021 20:22

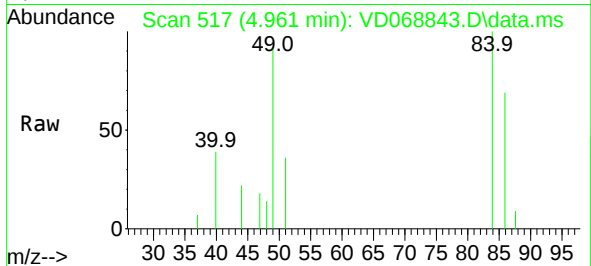
Tgt Ion: 43 Resp: 361
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



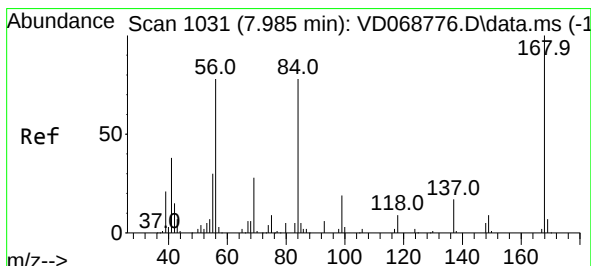
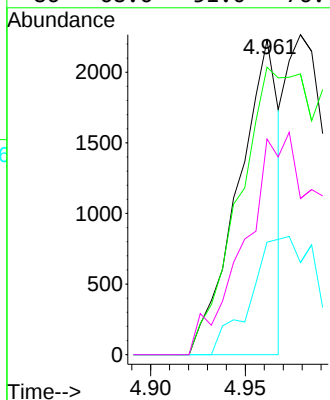
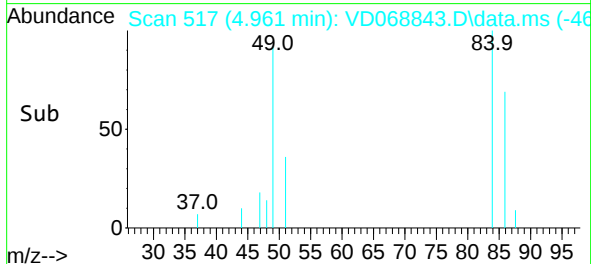


#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. -0.012 min
Lab File: VD068843.D
Acq: 12 Apr 2021 20:22

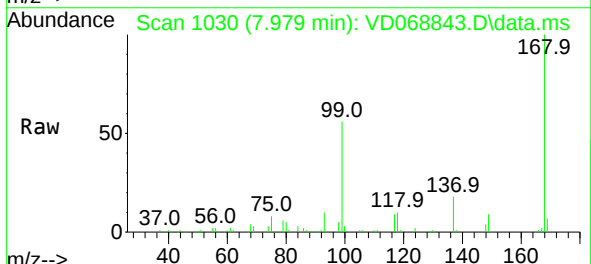
Instrument :
MSVOA_D
ClientSampleId :



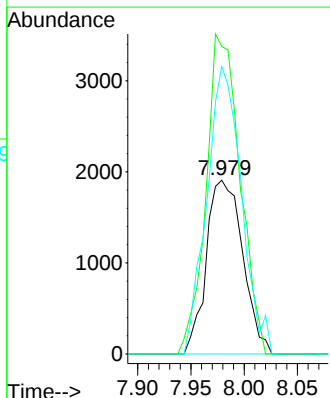
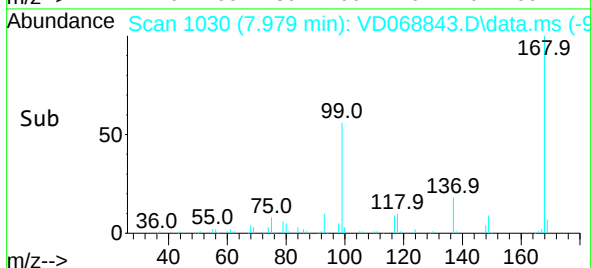
Tgt Ion: 84 Resp: 3342
Ion Ratio Lower Upper
84 100
49 91.5 83.4 125.0
51 35.8 23.4 35.2#
86 68.6 51.0 76.4

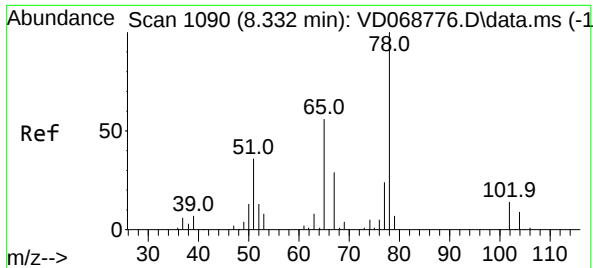


#31
Cyclohexane
Concen: 1.10 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068843.D
Acq: 12 Apr 2021 20:22



Tgt Ion: 56 Resp: 4532
Ion Ratio Lower Upper
56 100
69 176.9 30.0 45.0#
84 165.3 82.0 123.0#

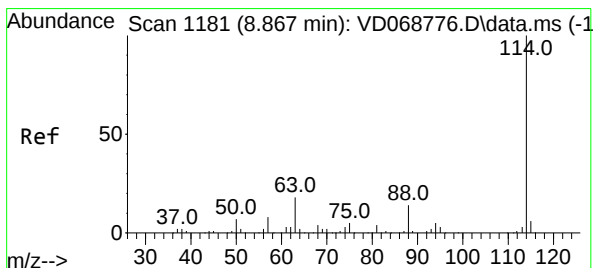
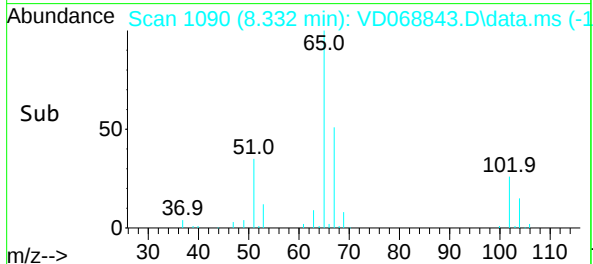
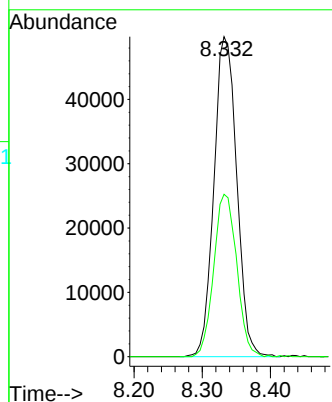
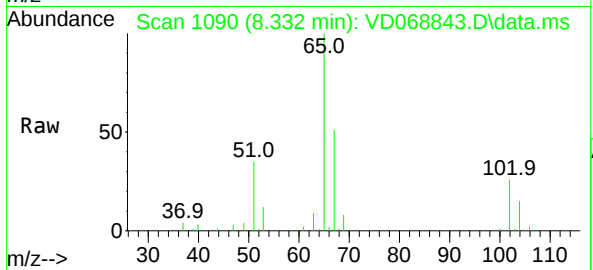




#33
1,2-Dichloroethane-d4
Concen: 46.74 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068843.D
Acq: 12 Apr 2021 20:22

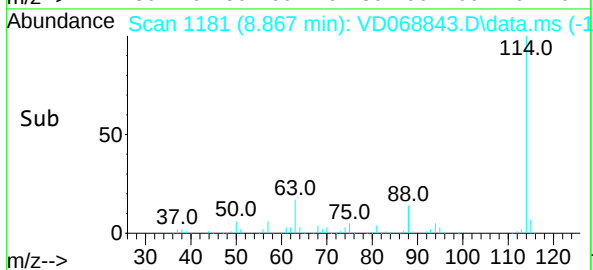
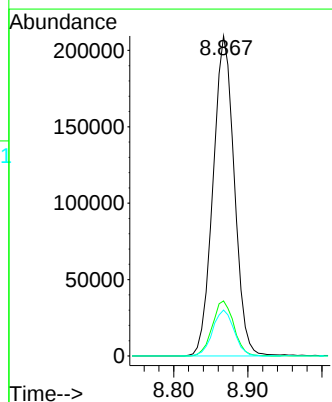
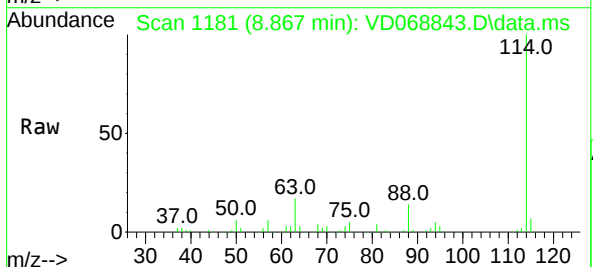
Instrument :
MSVOA_D
ClientSampled :

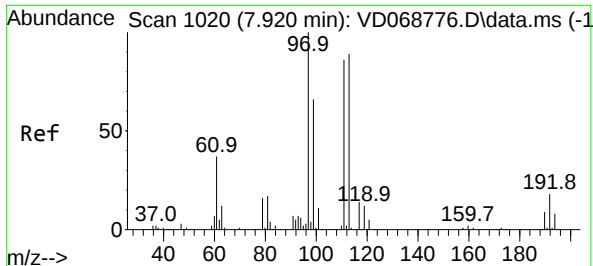
Tgt Ion: 65 Resp: 115793
Ion Ratio Lower Upper
65 100
67 51.2 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068843.D
Acq: 12 Apr 2021 20:22

Tgt Ion: 114 Resp: 417165
Ion Ratio Lower Upper
114 100
63 17.2 0.0 38.2
88 14.3 0.0 29.4





#35

Dibromofluoromethane

Concen: 49.11 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068843.D

Acq: 12 Apr 2021 20:22

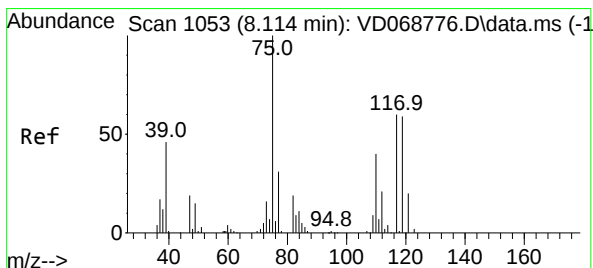
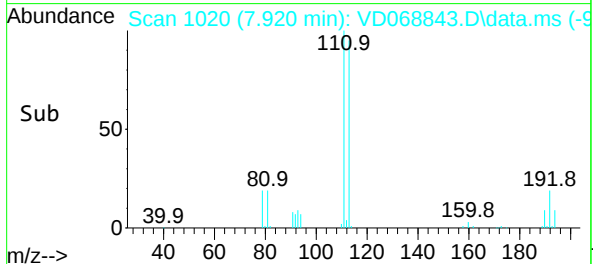
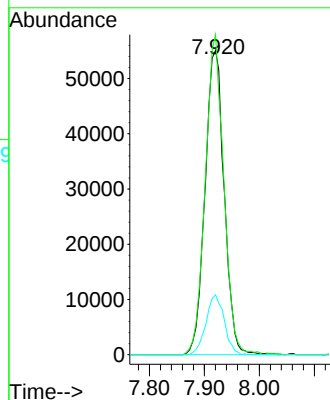
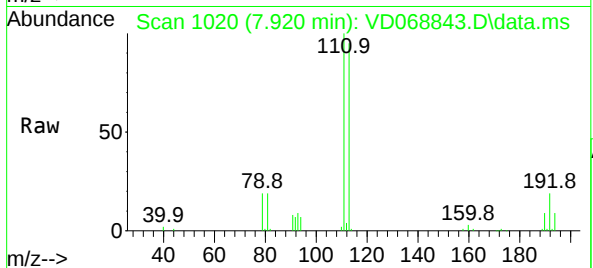
Tgt Ion:113 Resp: 133249

Ion Ratio Lower Upper

113 100

111 101.6 82.5 123.7

192 18.8 15.1 22.7



#36

1,1-Dichloropropene

Concen: 4.20 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.135 min

Lab File: VD068843.D

Acq: 12 Apr 2021 20:22

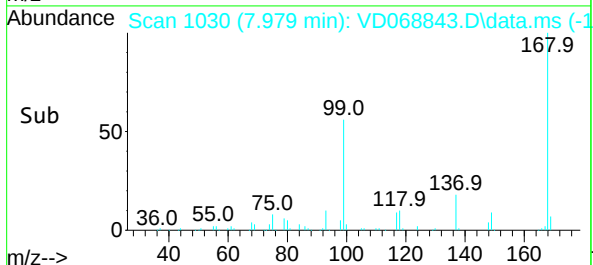
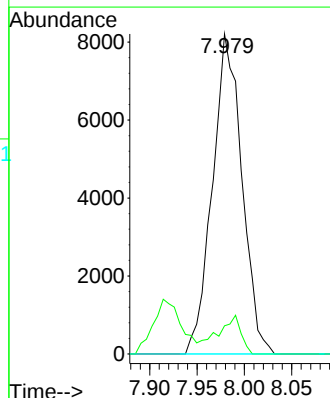
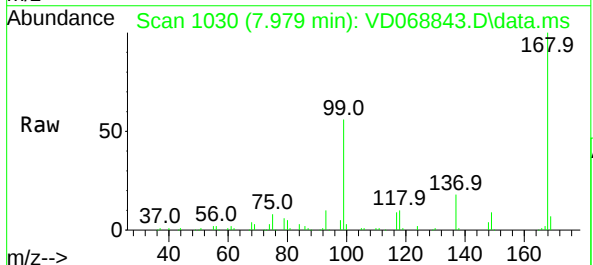
Tgt Ion: 75 Resp: 17752

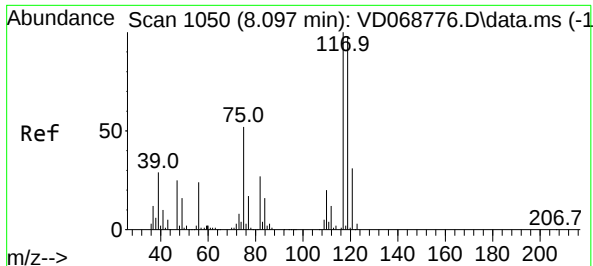
Ion Ratio Lower Upper

75 100

110 9.1 18.1 54.4#

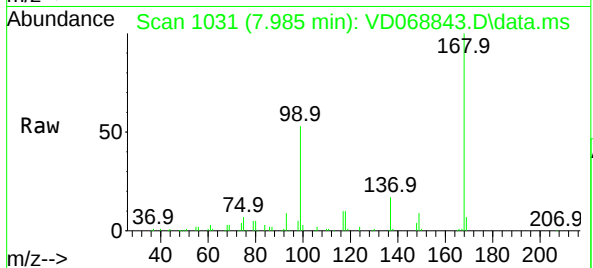
77 0.0 24.7 37.1#



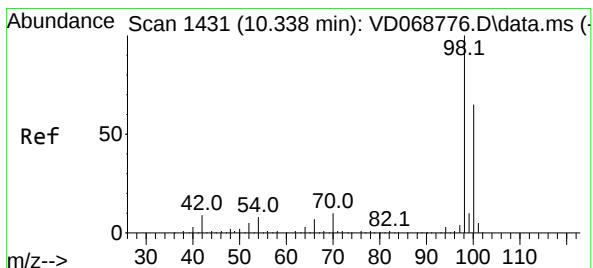
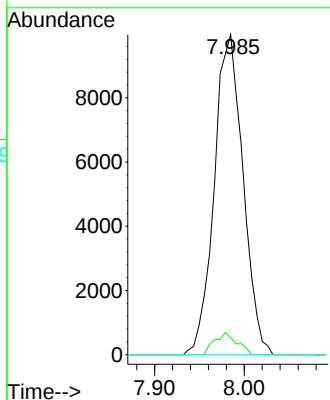
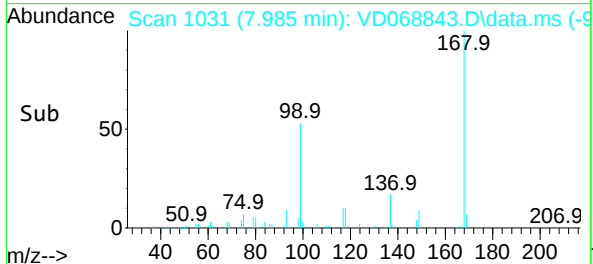


#38
Carbon Tetrachloride
Concen: 5.31 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.112 min
Lab File: VD068843.D
Acq: 12 Apr 2021 20:22

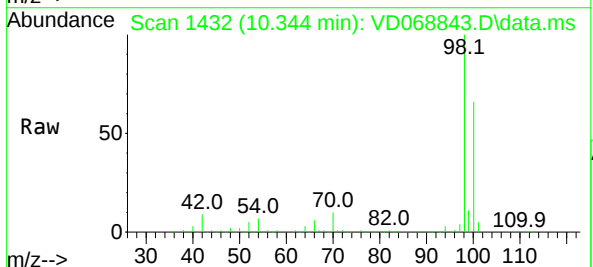
Instrument :
MSVOA_D
ClientSampled :



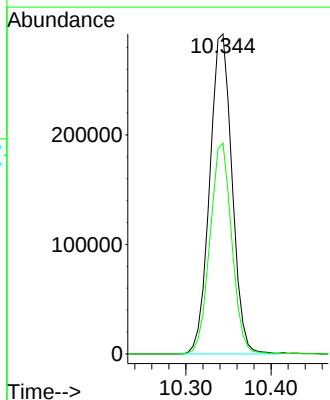
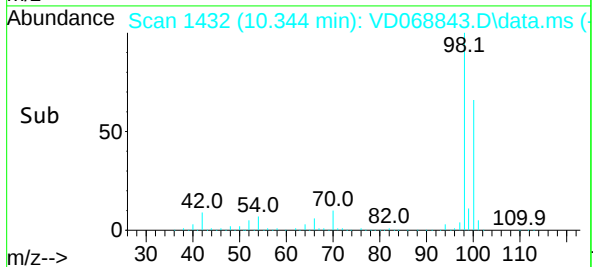
Tgt Ion:117 Resp: 22210
Ion Ratio Lower Upper
117 100
119 5.2 76.6 115.0#
121 0.0 26.1 39.1#

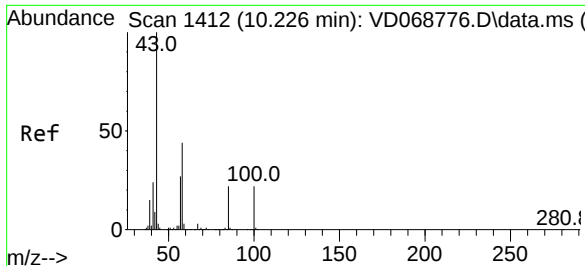


#50
Toluene-d8
Concen: 51.99 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.006 min
Lab File: VD068843.D
Acq: 12 Apr 2021 20:22



Tgt Ion: 98 Resp: 532171
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.6

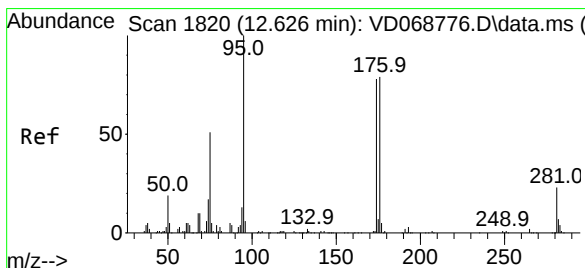
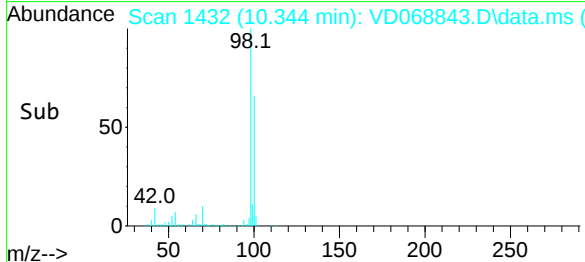
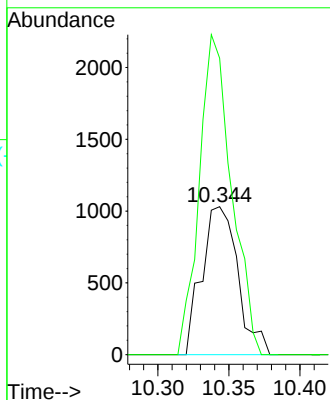
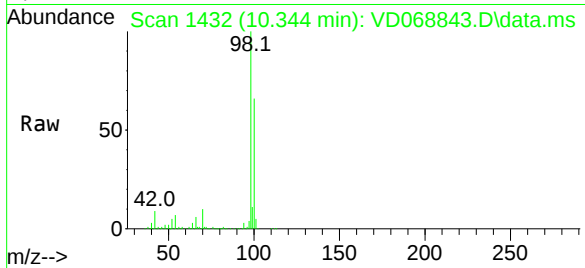




#51
4-Methyl-2-Pentanone
Concen: 1.43 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.117 min
Lab File: VD068843.D
Acq: 12 Apr 2021 20:22

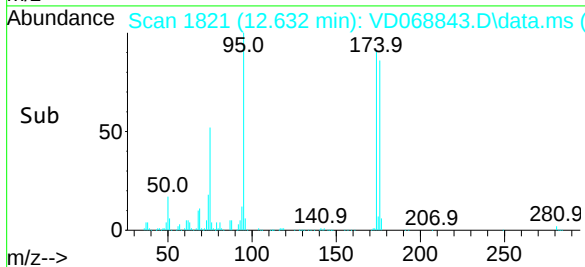
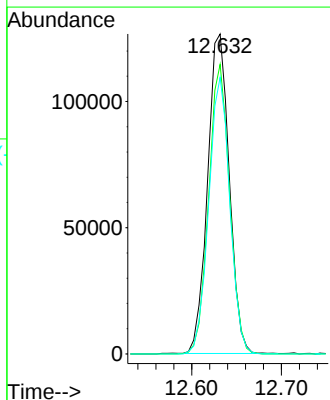
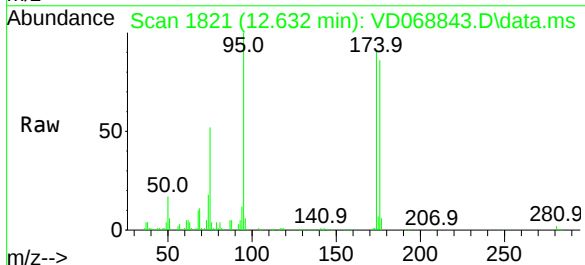
Instrument :
MSVOA_D
ClientSampled :

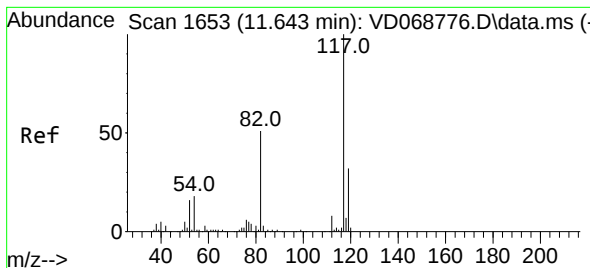
Tgt Ion: 43 Resp: 1825
Ion Ratio Lower Upper
43 100
58 193.4 37.3 55.9#



#62
4-Bromofluorobenzene
Concen: 62.42 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068843.D
Acq: 12 Apr 2021 20:22

Tgt Ion: 95 Resp: 212199
Ion Ratio Lower Upper
95 100
174 87.4 0.0 168.0
176 84.0 0.0 160.2

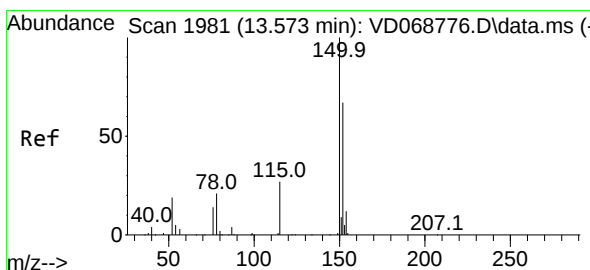
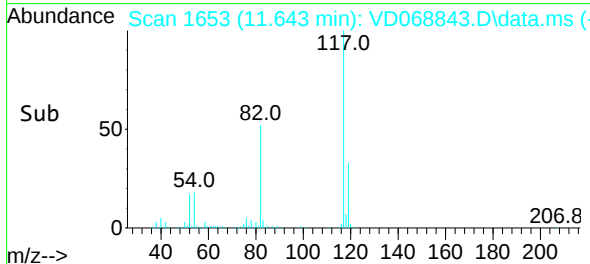
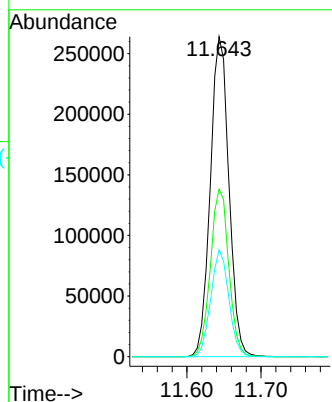
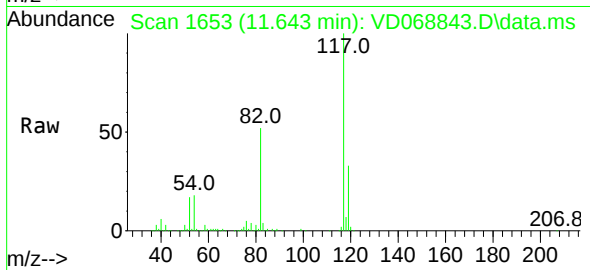




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068843.D
Acq: 12 Apr 2021 20:22

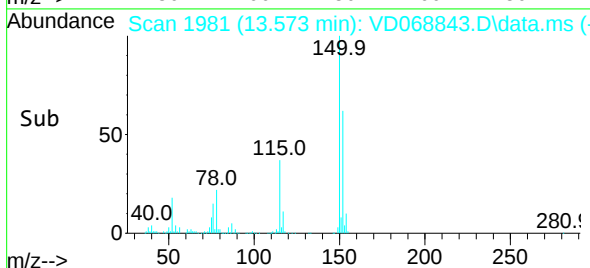
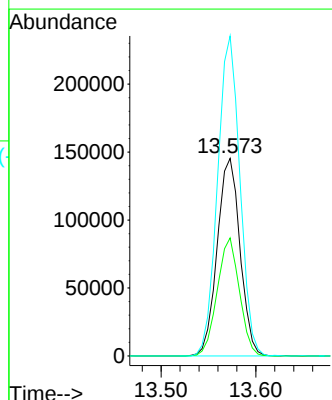
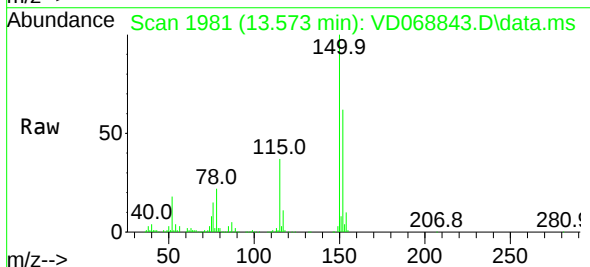
Instrument :
MSVOA_D
ClientSampled :

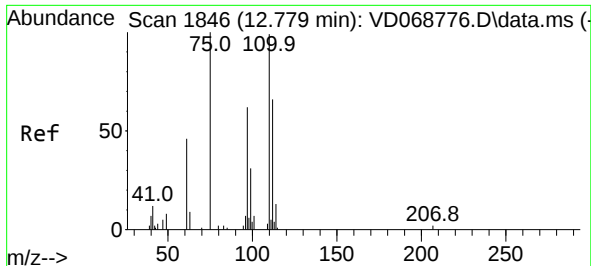
Tgt Ion:117 Resp: 459851
Ion Ratio Lower Upper
117 100
82 52.3 43.5 65.3
119 33.4 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068843.D
Acq: 12 Apr 2021 20:22

Tgt Ion:152 Resp: 243900
Ion Ratio Lower Upper
152 100
115 58.0 29.3 87.8
150 158.3 0.0 347.6

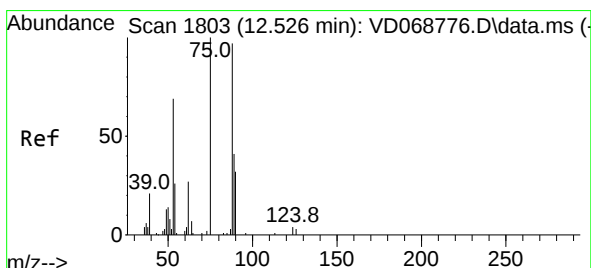
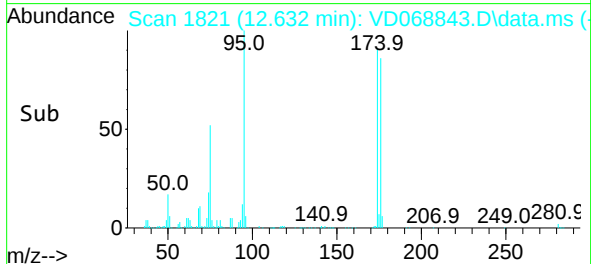
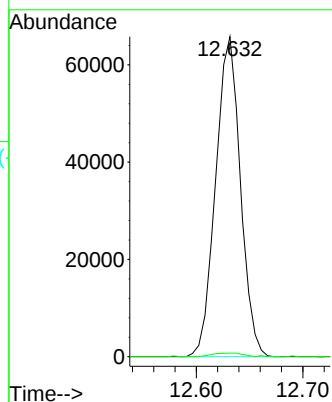
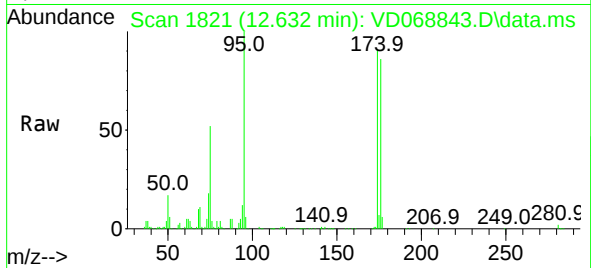




#76
1,2,3-Trichloropropane
Concen: 47.63 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD068843.D
Acq: 12 Apr 2021 20:22

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 75 Resp: 106124
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 110.53 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068843.D
Acq: 12 Apr 2021 20:22

Tgt Ion: 75 Resp: 106124
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 36.6 54.8#

