

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042321\
 Data File : VD068962.D
 Acq On : 23 Apr 2021 12:44
 Operator : VA/SY
 Sample : M2107-14
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 26 07:54:37 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)

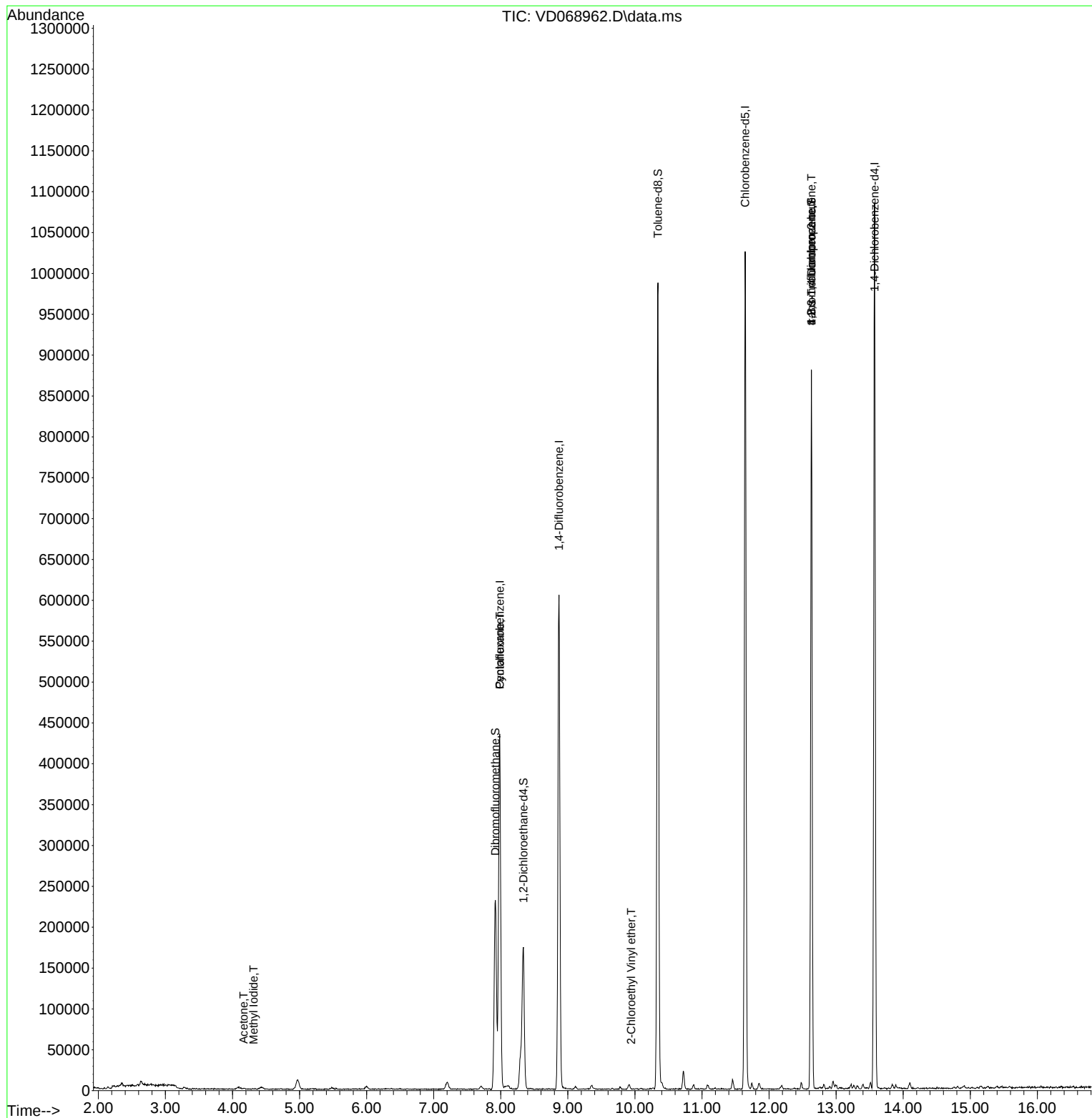
Internal Standards						
1) Pentafluorobenzene	7.985	168	330115	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	562607	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	621439	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	291542	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	132206	37.89	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	75.78%
35) Dibromofluoromethane	7.920	113	166366	45.46	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.92%
50) Toluene-d8	10.344	98	703430	50.96	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.92%
62) 4-Bromofluorobenzene	12.632	95	268086	58.47	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	116.94%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.314	142	267	2.31	ug/l #	87
11) Tert butyl alcohol	5.232	59	419	Below Cal	#	73
16) Acetone	4.167	43	1804	3.73	ug/l #	40
20) Methylene Chloride	4.979	84	9747	Below Cal	#	89
31) Cyclohexane	7.985	56	7762	1.34	ug/l #	25
58) 2-Chloroethyl Vinyl ether	9.944	63	59	17.02	ug/l #	44
76) 1,2,3-Trichloropropane	12.632	75	136292	51.17	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	136292	118.76	ug/l #	16

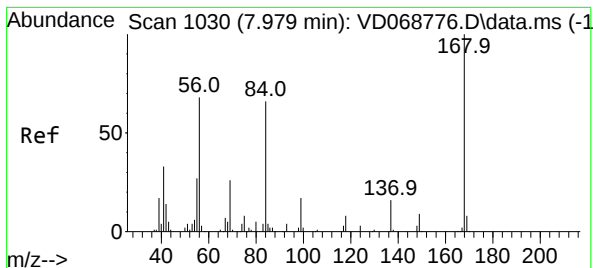
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042321\
Data File : VD068962.D
Acq On : 23 Apr 2021 12:44
Operator : VA/SY
Sample : M2107-14
Misc : 5.06G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampled :

Quant Time: Apr 26 07:54:37 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: VD068962.D

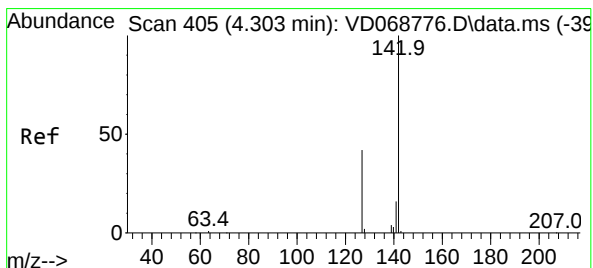
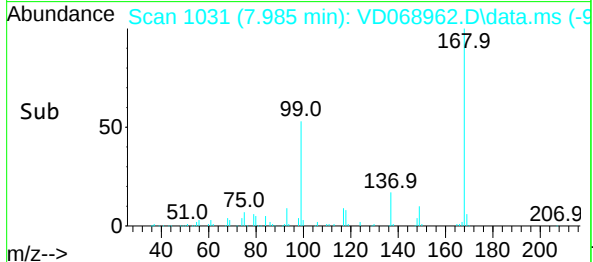
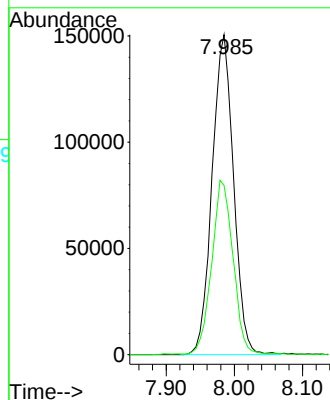
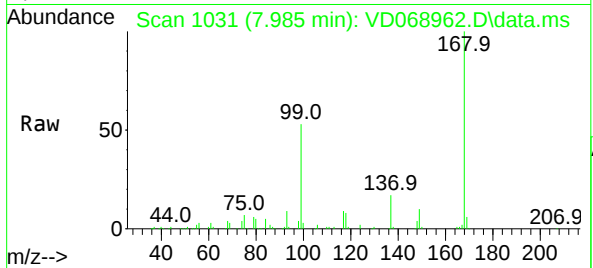
Acq: 23 Apr 2021 12:44

Tgt Ion:168 Resp: 330115

Ion Ratio Lower Upper

168 100

99 52.7 46.2 69.2



#10

Methyl Iodide

Concen: 2.31 ug/l

RT: 4.314 min Scan# 407

Delta R.T. 0.011 min

Lab File: VD068962.D

Acq: 23 Apr 2021 12:44

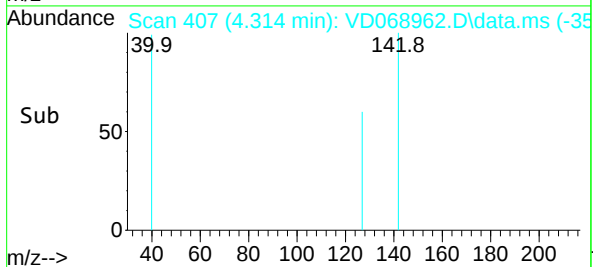
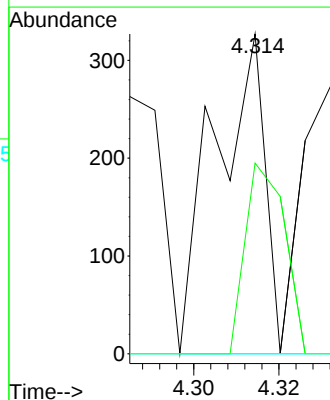
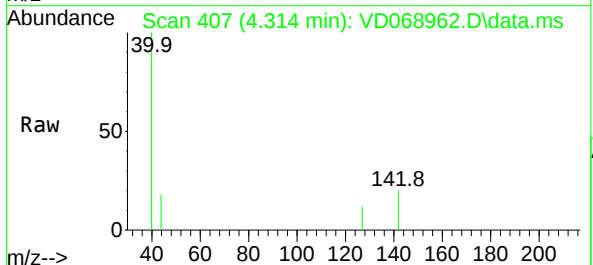
Tgt Ion:142 Resp: 267

Ion Ratio Lower Upper

142 100

127 47.2 34.7 52.1

141 0.0 11.0 16.4#



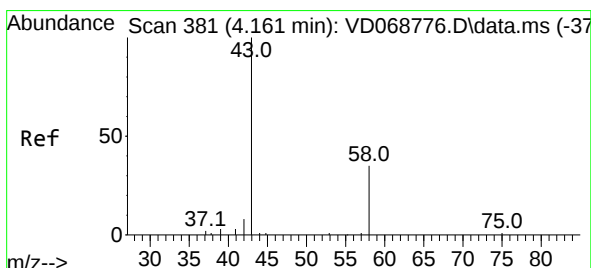
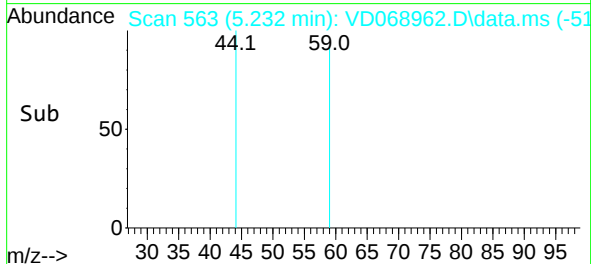
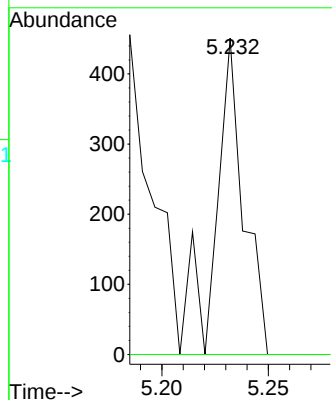
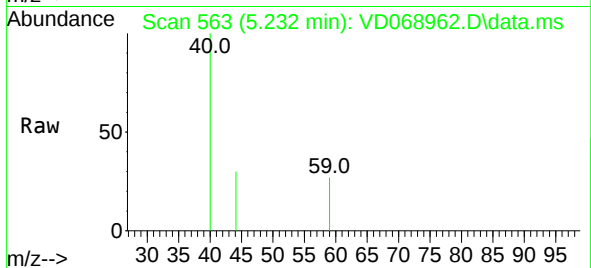


#11

Tert butyl alcohol
Concen: Below Cal
RT: 5.232 min Scan# 563
Delta R.T. 0.012 min
Lab File: VD068962.D
Acq: 23 Apr 2021 12:44

Instrument :
MSVOA_D
ClientSampled :

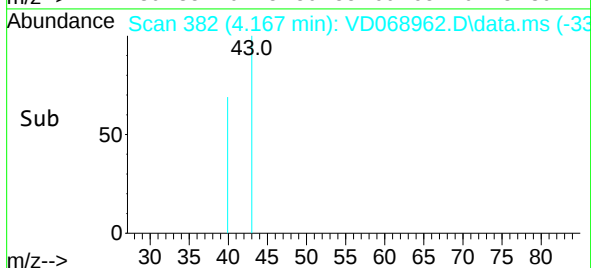
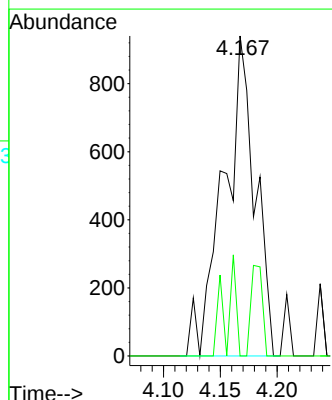
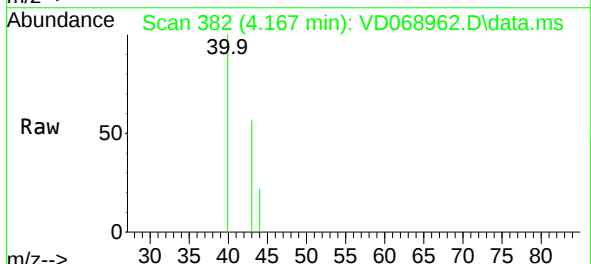
Tgt Ion: 59 Resp: 419
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

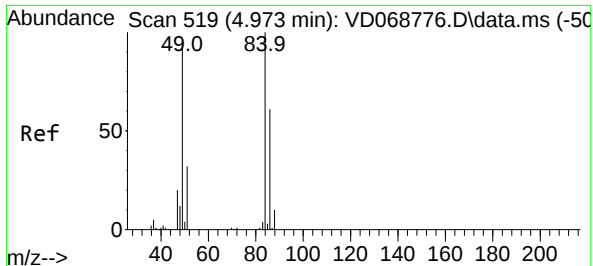


#16

Acetone
Concen: 3.73 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068962.D
Acq: 23 Apr 2021 12:44

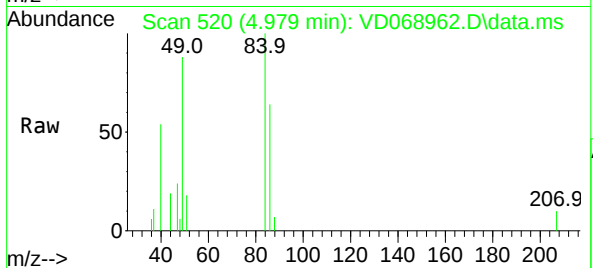
Tgt Ion: 43 Resp: 1804
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



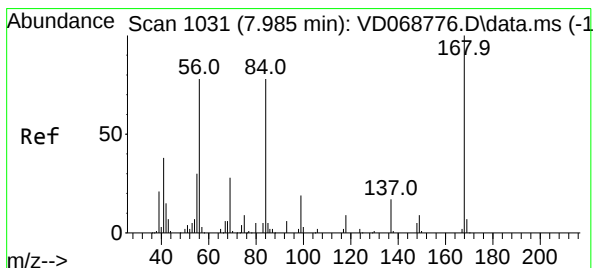
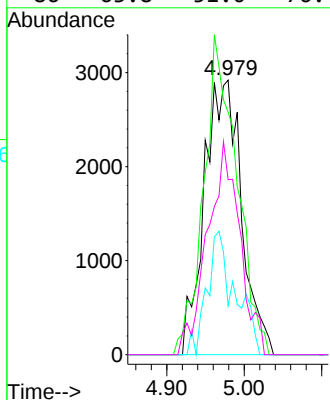
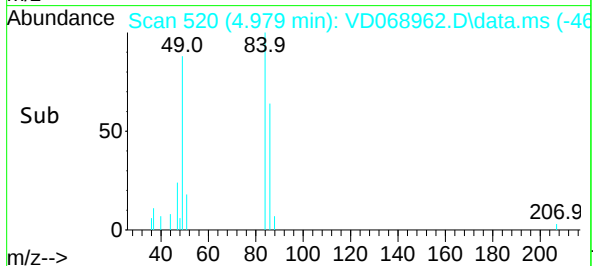


#20
Methylene Chloride
Concen: Below Cal
RT: 4.979 min Scan# 520
Delta R.T. 0.006 min
Lab File: VD068962.D
Acq: 23 Apr 2021 12:44

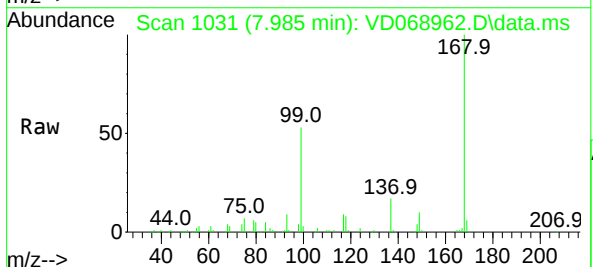
Instrument :
MSVOA_D
ClientSampleId :



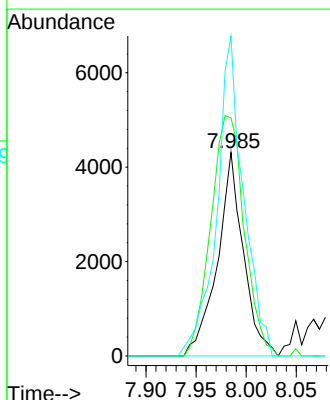
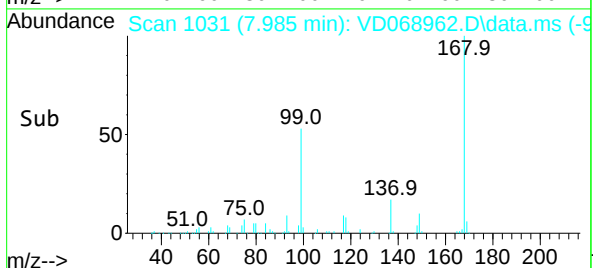
Tgt Ion:	84	Resp:	9747
Ion	Ratio	Lower	Upper
84	100		
49	88.4	83.4	125.0
51	17.8	23.4	35.2#
86	63.8	51.0	76.4

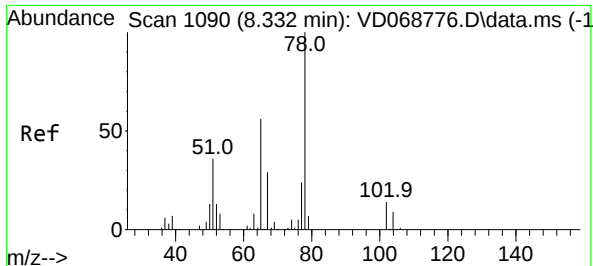


#31
Cyclohexane
Concen: 1.34 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068962.D
Acq: 23 Apr 2021 12:44



Tgt Ion:	56	Resp:	7762
Ion	Ratio	Lower	Upper
56	100		
69	116.9	30.0	45.0#
84	157.2	82.0	123.0#

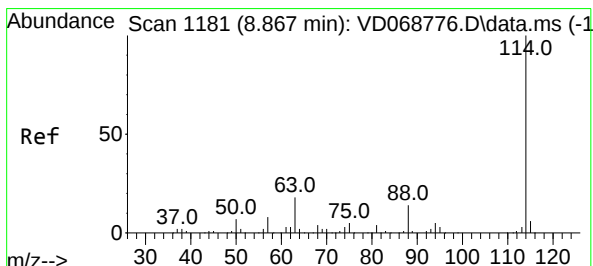
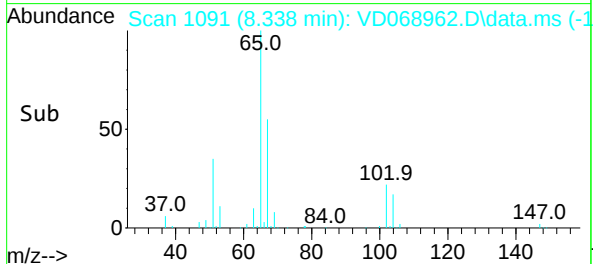
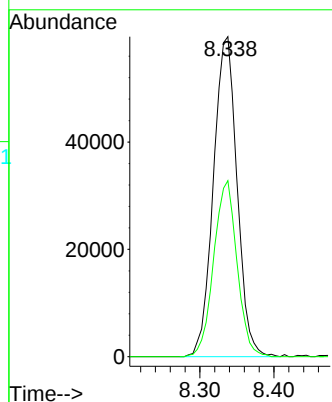
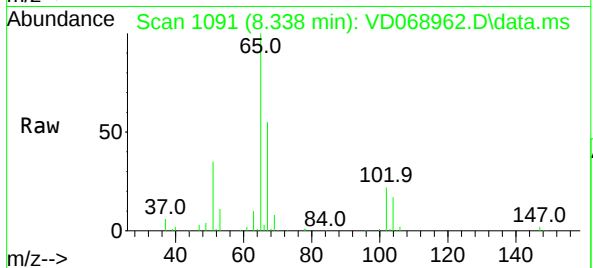




#33
1,2-Dichloroethane-d4
Concen: 37.89 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VD068962.D
Acq: 23 Apr 2021 12:44

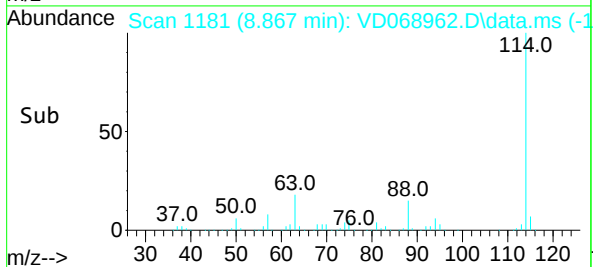
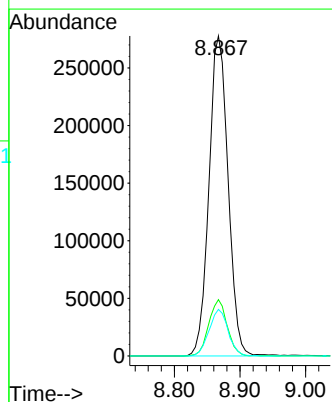
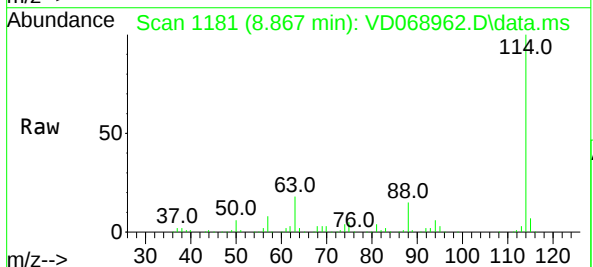
Instrument :
MSVOA_D
ClientSampleId :

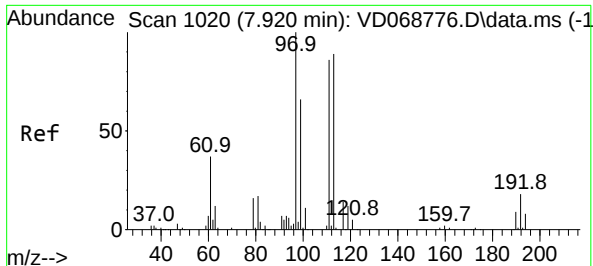
Tgt Ion: 65 Resp: 132206
Ion Ratio Lower Upper
65 100
67 54.2 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068962.D
Acq: 23 Apr 2021 12:44

Tgt Ion: 114 Resp: 562607
Ion Ratio Lower Upper
114 100
63 17.6 0.0 38.2
88 14.5 0.0 29.4





#35

Dibromofluoromethane

Concen: 45.46 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068962.D

Acq: 23 Apr 2021 12:44

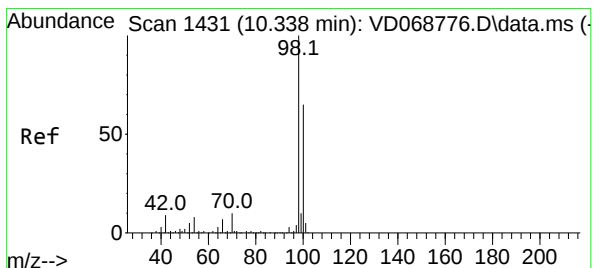
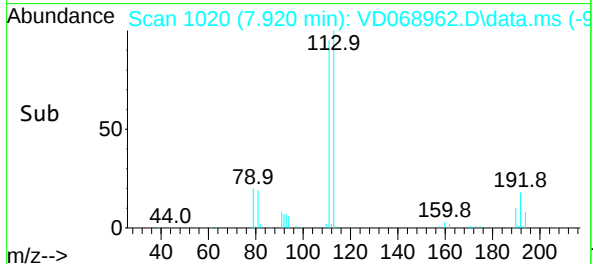
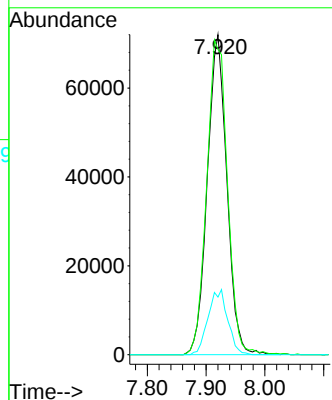
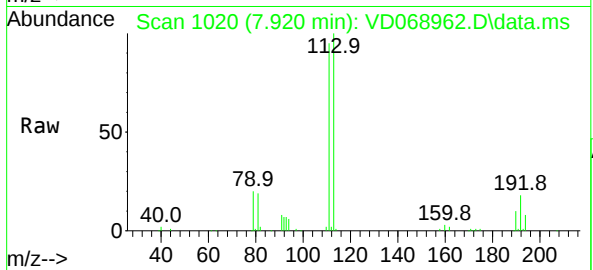
Tgt Ion:113 Resp: 166366

Ion Ratio Lower Upper

113 100

111 104.7 82.5 123.7

192 20.4 15.1 22.7



#50

Toluene-d8

Concen: 50.96 ug/l

RT: 10.344 min Scan# 1432

Delta R.T. 0.006 min

Lab File: VD068962.D

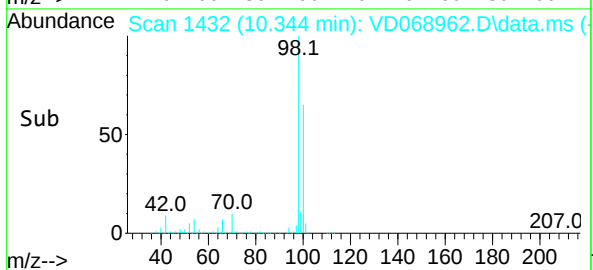
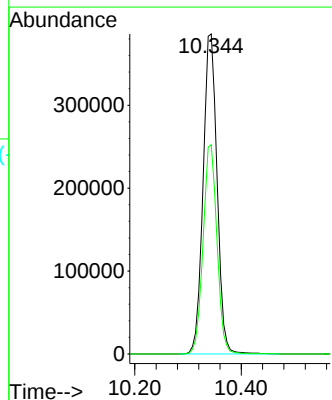
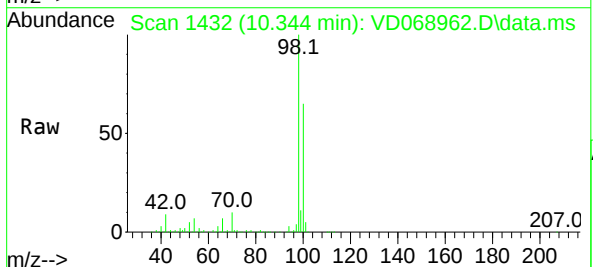
Acq: 23 Apr 2021 12:44

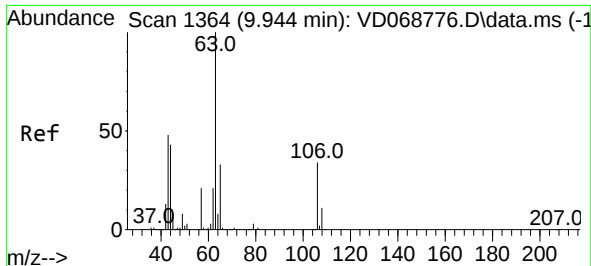
Tgt Ion: 98 Resp: 703430

Ion Ratio Lower Upper

98 100

100 65.0 51.8 77.6

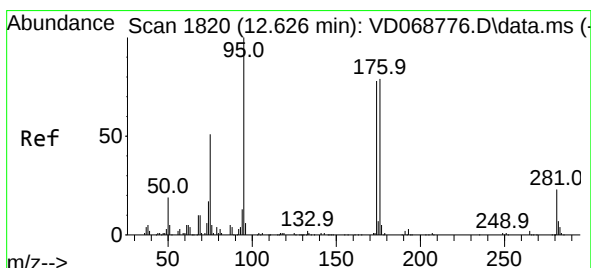
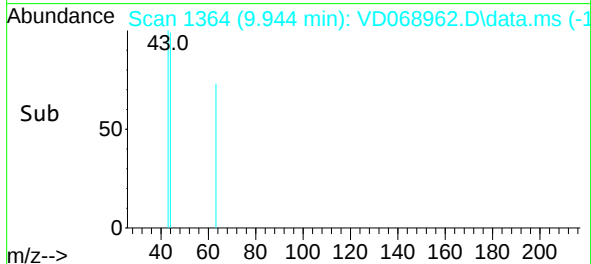
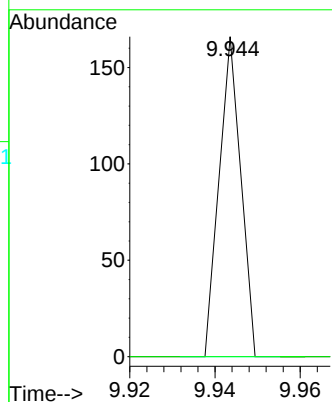
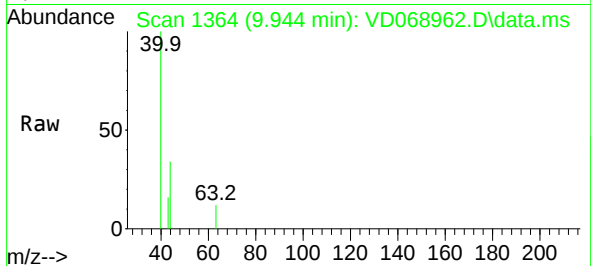




#58
2-Chloroethyl Vinyl ether
Concen: 17.02 ug/l
RT: 9.944 min Scan# 1364
Delta R.T. -0.000 min
Lab File: VD068962.D
Acq: 23 Apr 2021 12:44

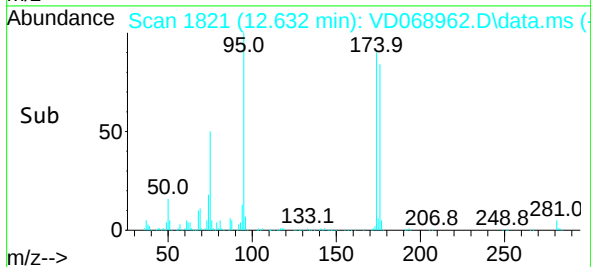
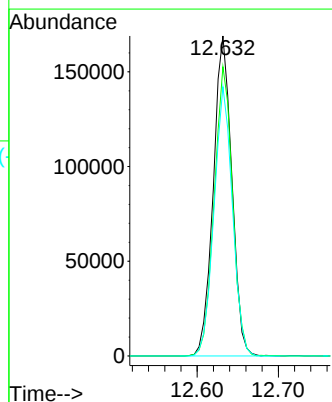
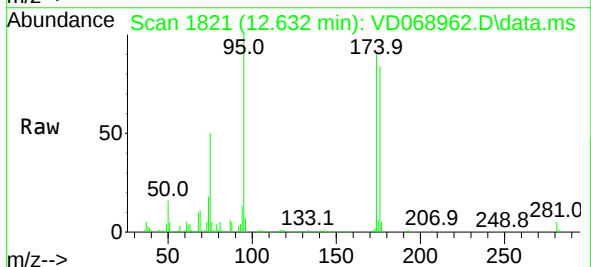
Instrument :
MSVOA_D
ClientSampled :

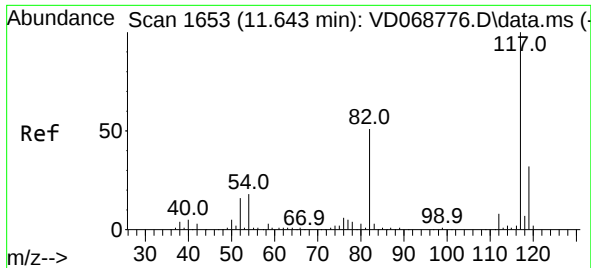
Tgt Ion: 63 Resp: 59
Ion Ratio Lower Upper
63 100
106 0.0 24.6 36.8#



#62
4-Bromofluorobenzene
Concen: 58.47 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068962.D
Acq: 23 Apr 2021 12:44

Tgt Ion: 95 Resp: 268086
Ion Ratio Lower Upper
95 100
174 89.5 0.0 168.0
176 83.6 0.0 160.2

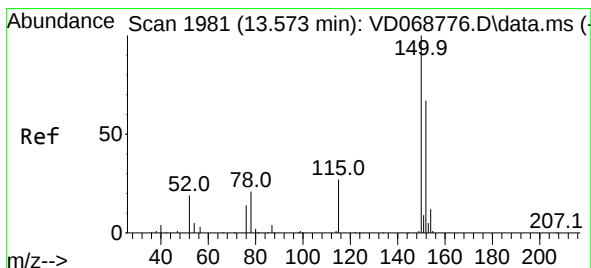
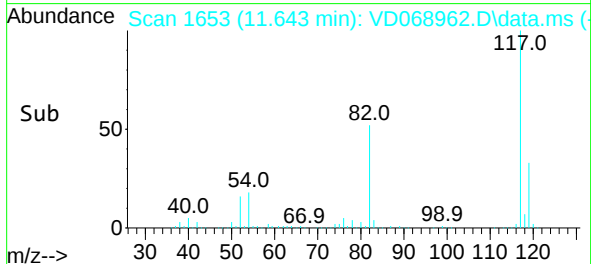
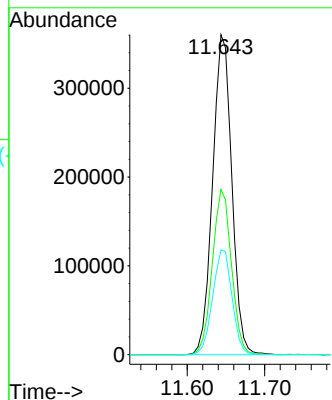
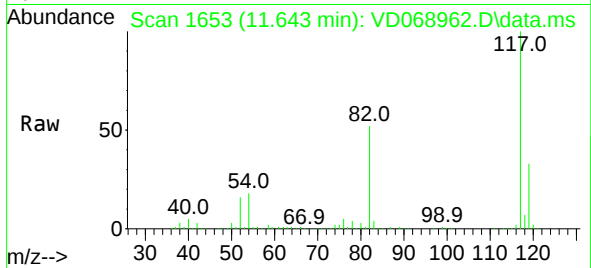




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068962.D
Acq: 23 Apr 2021 12:44

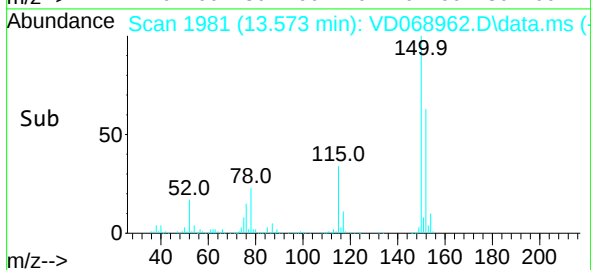
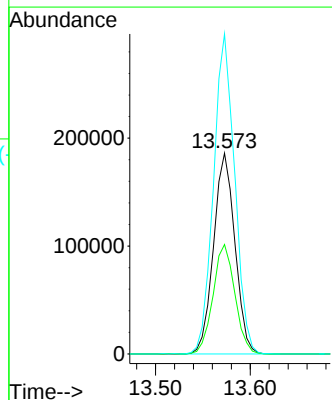
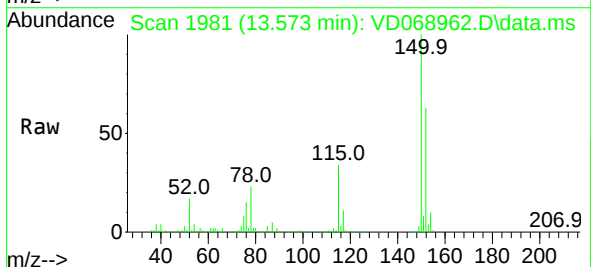
Instrument :
MSVOA_D
ClientSampleId :

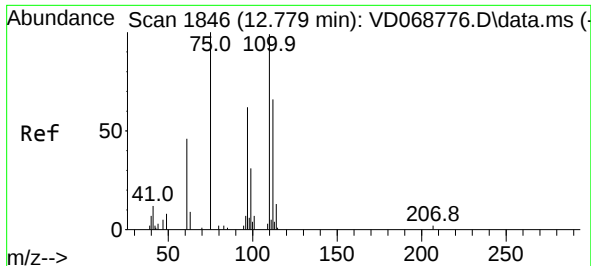
Tgt Ion:117 Resp: 621439
Ion Ratio Lower Upper
117 100
82 51.7 43.5 65.3
119 32.7 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068962.D
Acq: 23 Apr 2021 12:44

Tgt Ion:152 Resp: 291542
Ion Ratio Lower Upper
152 100
115 55.7 29.3 87.8
150 158.0 0.0 347.6

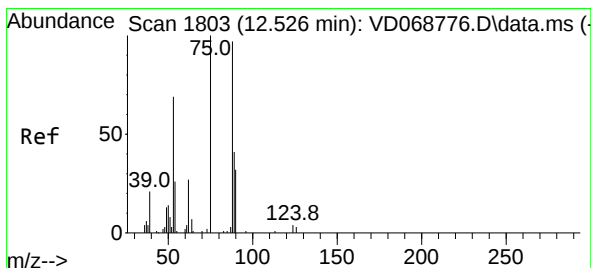
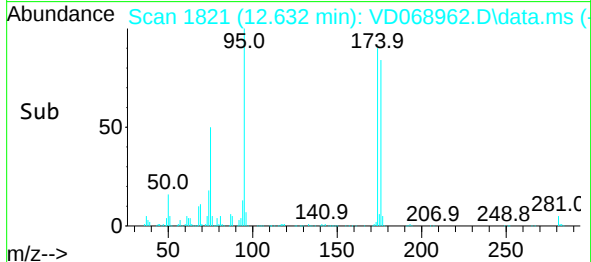
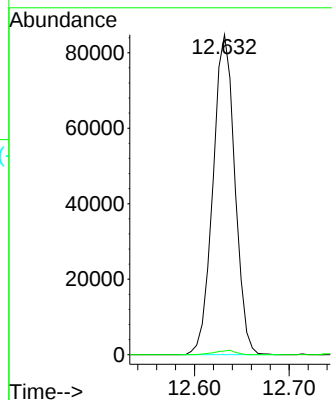
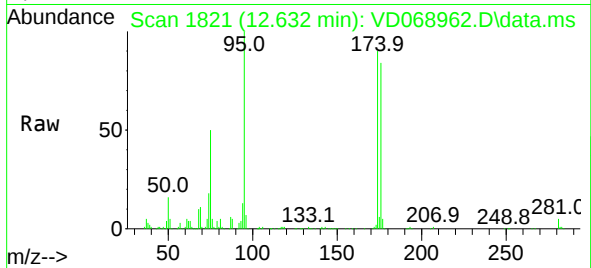




#76
1,2,3-Trichloropropane
Concen: 51.17 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD068962.D
Acq: 23 Apr 2021 12:44

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 75 Resp: 136292
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 118.76 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068962.D
Acq: 23 Apr 2021 12:44

Tgt Ion: 75 Resp: 136292
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 36.6 54.8#

