

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042221\
 Data File : VD068949.D
 Acq On : 22 Apr 2021 13:31
 Operator : VA/SY
 Sample : M2132-05
 Misc : 5.72G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 23 08:45:13 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)

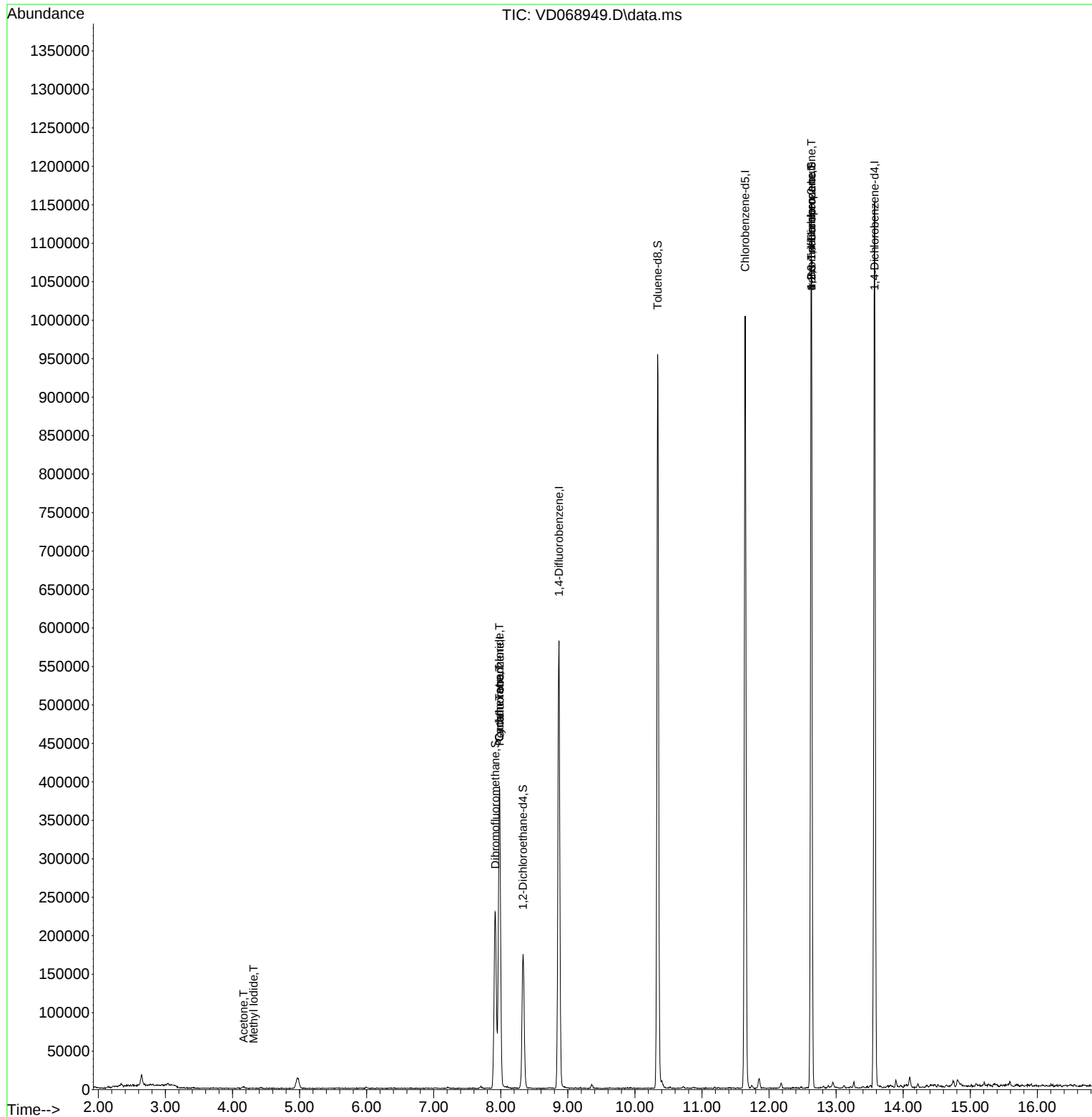
Internal Standards						
1) Pentafluorobenzene	7.985	168	305161	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	526027	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	613707	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	317603	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	138636	42.99	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.98%
35) Dibromofluoromethane	7.920	113	165938	48.50	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.00%
50) Toluene-d8	10.338	98	683543	52.96	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.92%
62) 4-Bromofluorobenzene	12.632	95	279587	65.22	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	130.44%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.314	142	70	2.26	ug/l #	7
11) Tert butyl alcohol	5.203	59	65	Below	Cal #	73
16) Acetone	4.167	43	3390	7.59	ug/l #	81
20) Methylene Chloride	4.967	84	12895	Below	Cal #	83
31) Cyclohexane	7.979	56	7606	1.42	ug/l #	40
38) Carbon Tetrachloride	7.979	117	30023	5.70	ug/l #	17
76) 1,2,3-Trichloropropane	12.632	75	140992	48.59	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	140992	112.77	ug/l #	16

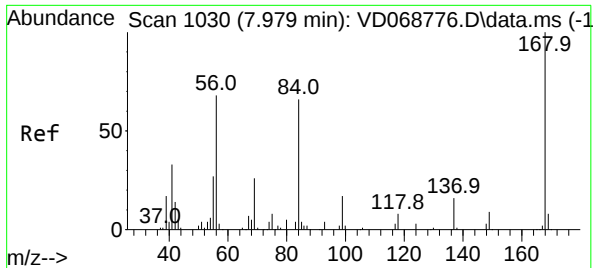
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042221\
Data File : VD068949.D
Acq On : 22 Apr 2021 13:31
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Misc : 5.72G/5.00ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

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MSVOA_D
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Quant Time: Apr 23 08:45:13 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

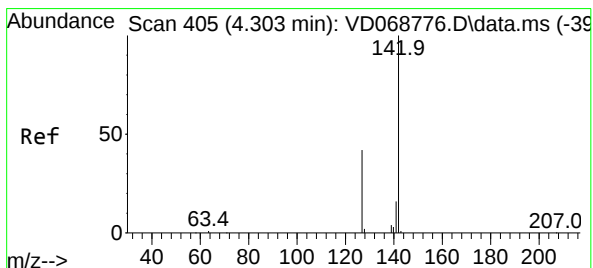
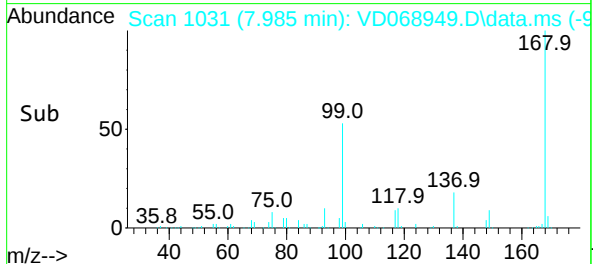
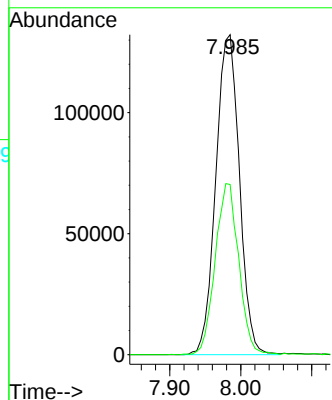
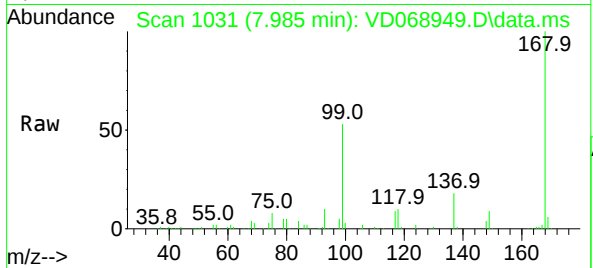




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068949.D
Acq: 22 Apr 2021 13:31

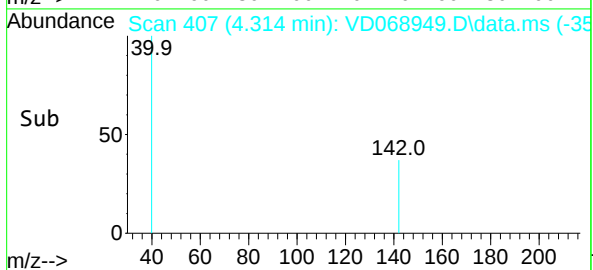
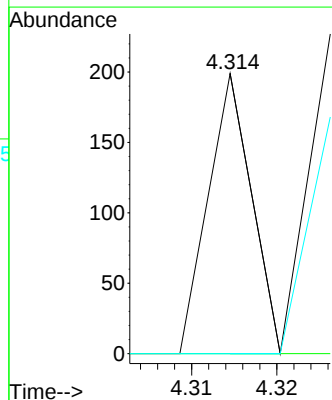
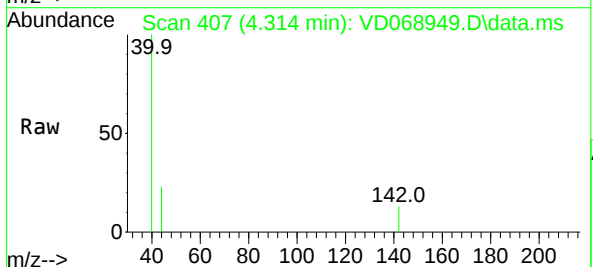
Instrument :
MSVOA_D
ClientSampled :

Tgt Ion:168 Resp: 305161
Ion Ratio Lower Upper
168 100
99 53.2 46.2 69.2



#10
Methyl Iodide
Concen: 2.26 ug/l
RT: 4.314 min Scan# 407
Delta R.T. 0.011 min
Lab File: VD068949.D
Acq: 22 Apr 2021 13:31

Tgt Ion:142 Resp: 70
Ion Ratio Lower Upper
142 100
127 0.0 34.7 52.1#
141 84.3 11.0 16.4#

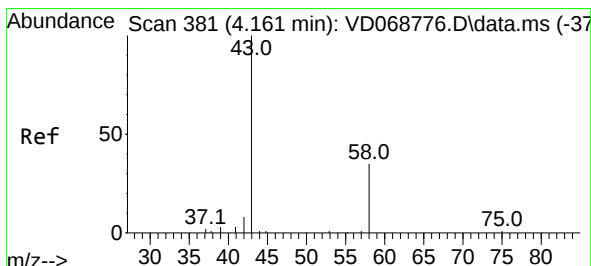
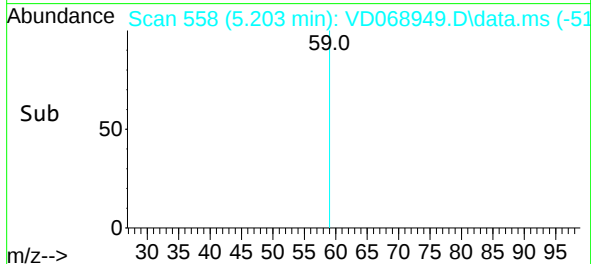
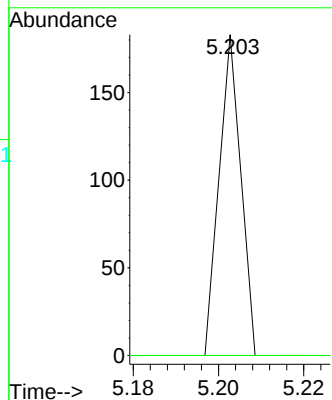
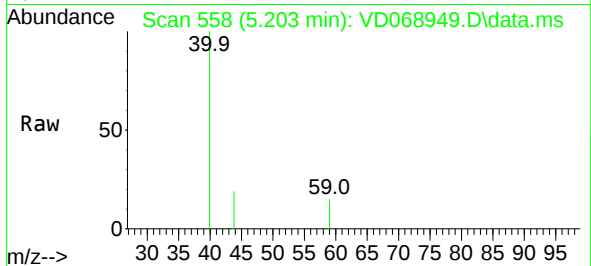




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.203 min Scan# 558
Delta R.T. -0.017 min
Lab File: VD068949.D
Acq: 22 Apr 2021 13:31

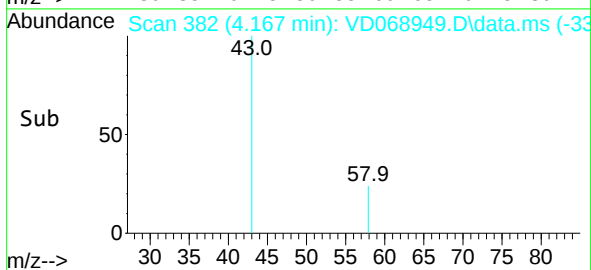
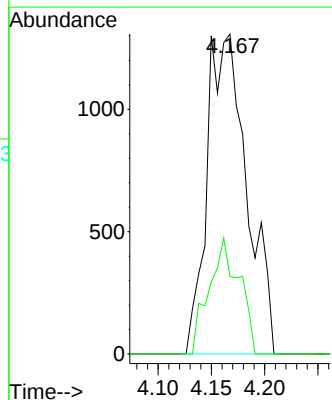
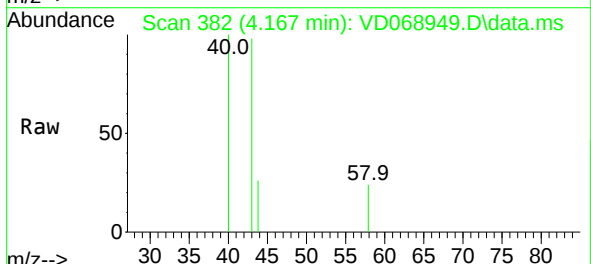
Instrument :
MSVOA_D
ClientSampleId :

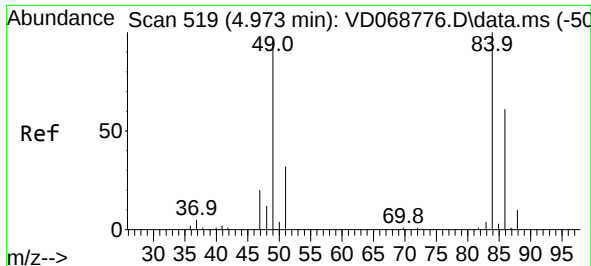
Tgt Ion: 59 Resp: 65
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 7.59 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068949.D
Acq: 22 Apr 2021 13:31

Tgt Ion: 43 Resp: 3390
Ion Ratio Lower Upper
43 100
58 24.2 28.0 42.0#





#20

Methylene Chloride

Concen: Below Cal

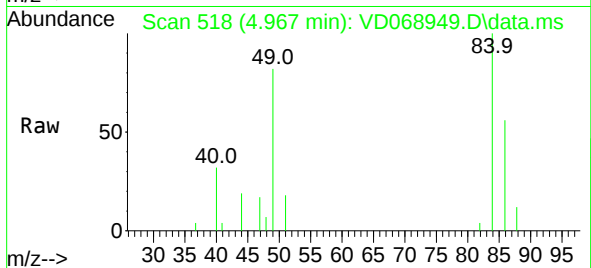
RT: 4.967 min Scan# 518

Delta R.T. -0.006 min

Lab File: VD068949.D

Acq: 22 Apr 2021 13:31

Instrument :
MSVOA_D
ClientSampled :



Tgt Ion: 84 Resp: 12895

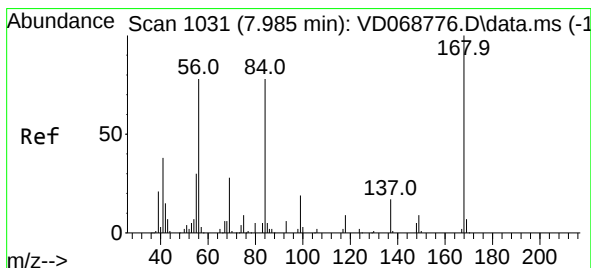
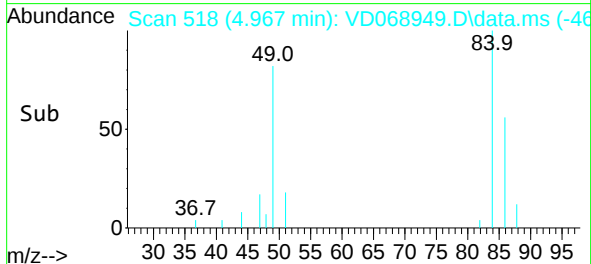
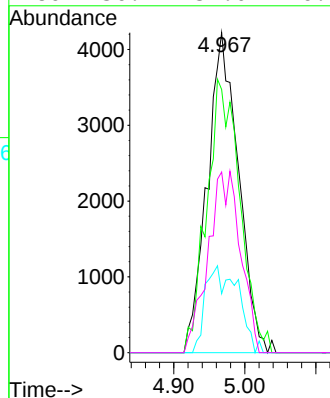
Ion Ratio Lower Upper

84 100

49 82.2 83.4 125.0#

51 18.5 23.4 35.2#

86 56.4 51.0 76.4



#31

Cyclohexane

Concen: 1.42 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD068949.D

Acq: 22 Apr 2021 13:31

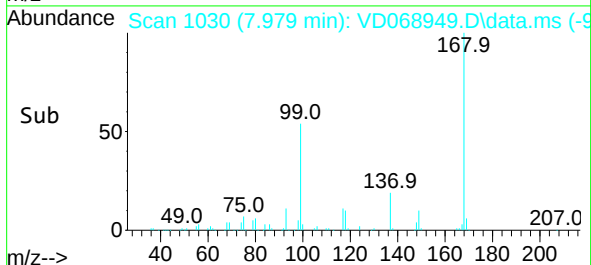
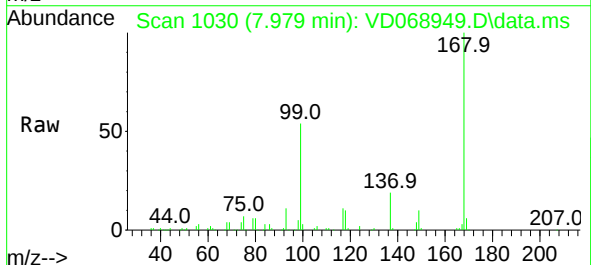
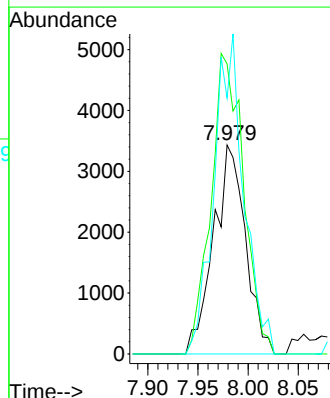
Tgt Ion: 56 Resp: 7606

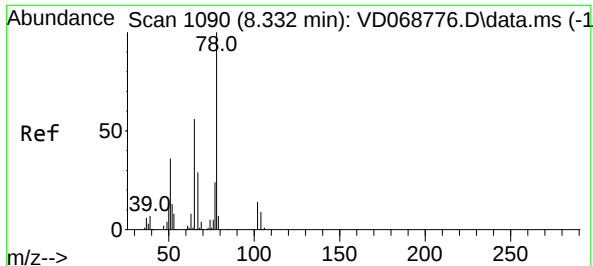
Ion Ratio Lower Upper

56 100

69 138.8 30.0 45.0#

84 122.5 82.0 123.0

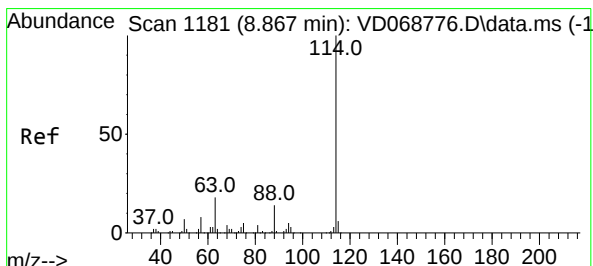
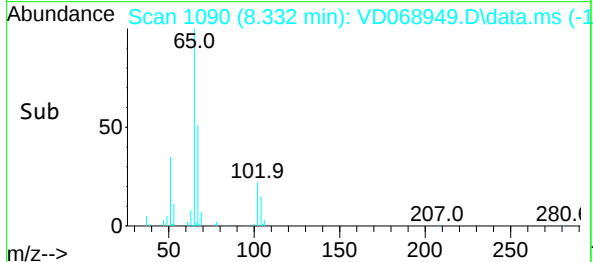
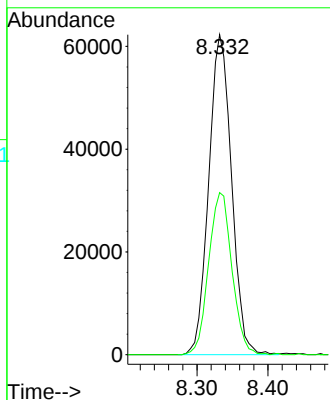
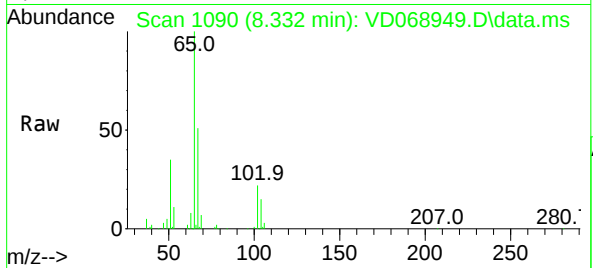




#33
 1,2-Dichloroethane-d4
 Concen: 42.99 ug/l
 RT: 8.332 min Scan# 1090
 Delta R.T. -0.000 min
 Lab File: VD068949.D
 Acq: 22 Apr 2021 13:31

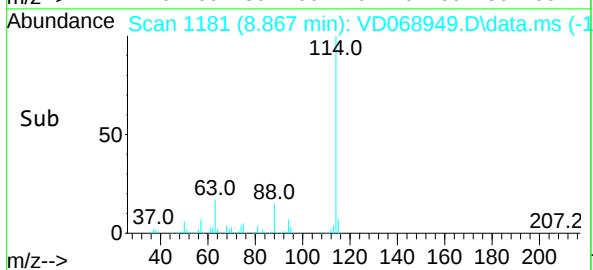
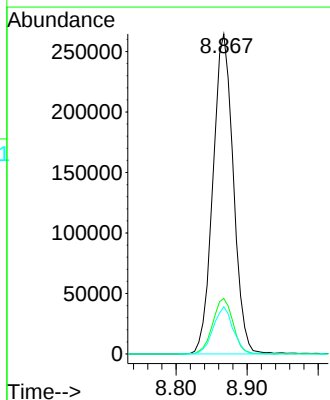
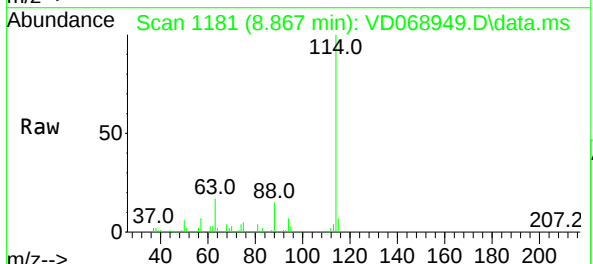
Instrument :
 MSVOA_D
 ClientSampled :

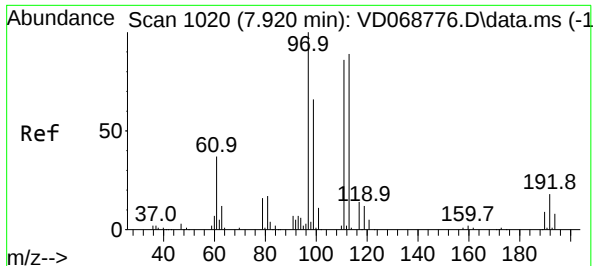
Tgt Ion: 65 Resp: 138636
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.867 min Scan# 1181
 Delta R.T. 0.000 min
 Lab File: VD068949.D
 Acq: 22 Apr 2021 13:31

Tgt Ion:114 Resp: 526027
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 38.2
 88 14.8 0.0 29.4





#35

Dibromofluoromethane

Concen: 48.50 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068949.D

Acq: 22 Apr 2021 13:31

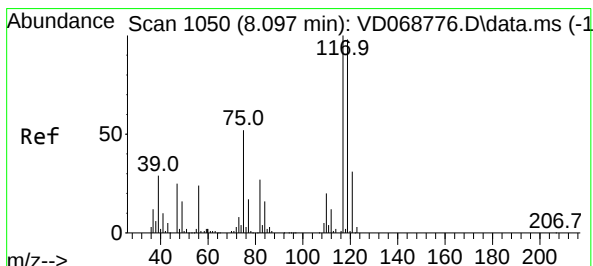
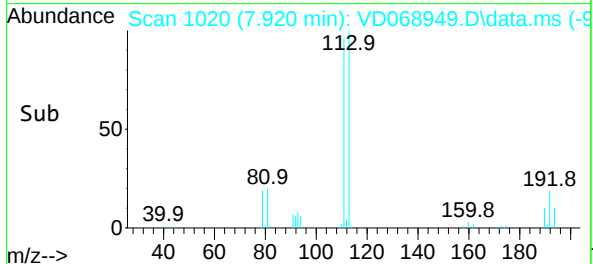
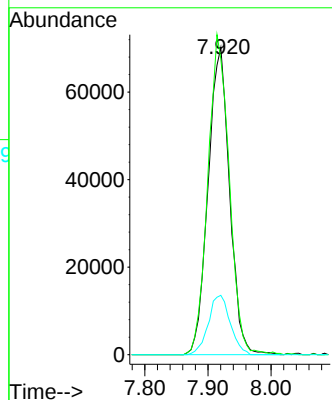
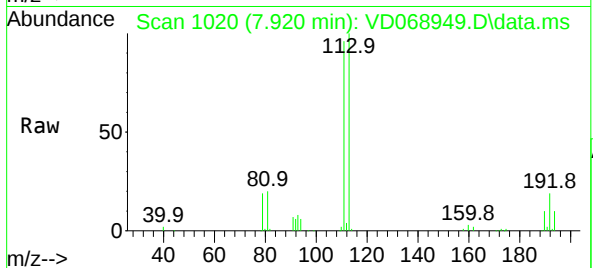
Tgt Ion:113 Resp: 165938

Ion Ratio Lower Upper

113 100

111 103.4 82.5 123.7

192 19.7 15.1 22.7



#38

Carbon Tetrachloride

Concen: 5.70 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.118 min

Lab File: VD068949.D

Acq: 22 Apr 2021 13:31

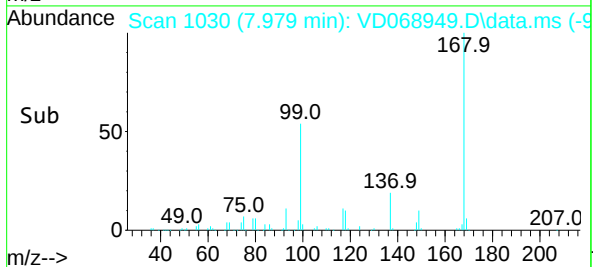
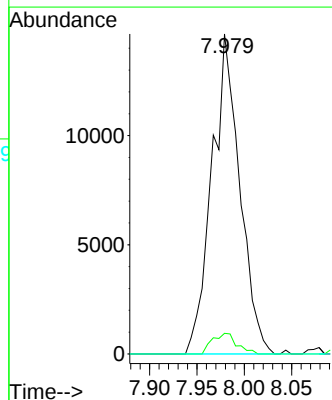
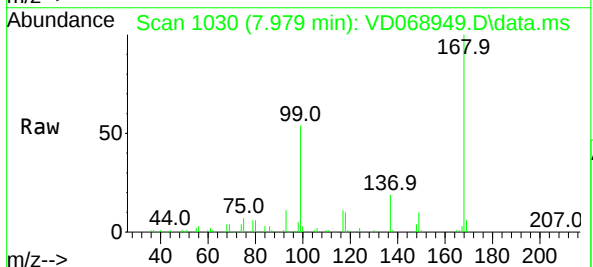
Tgt Ion:117 Resp: 30023

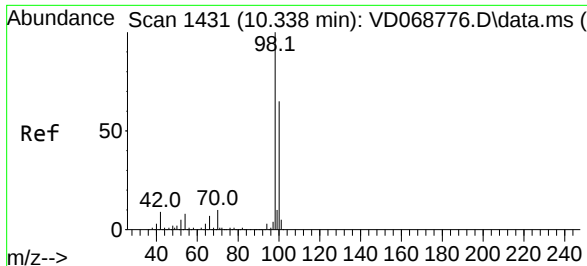
Ion Ratio Lower Upper

117 100

119 6.4 76.6 115.0#

121 0.0 26.1 39.1#

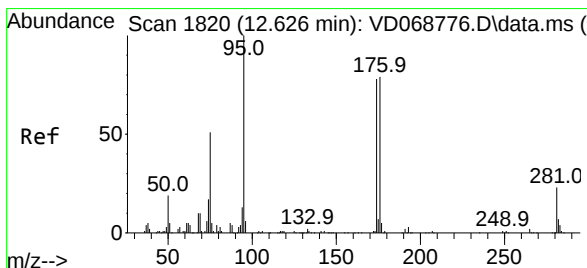
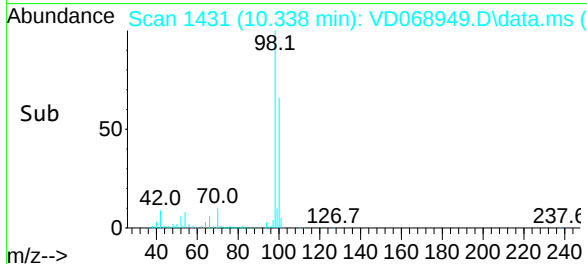
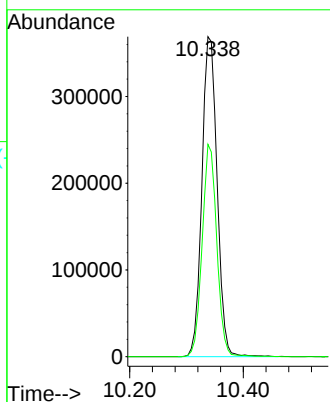
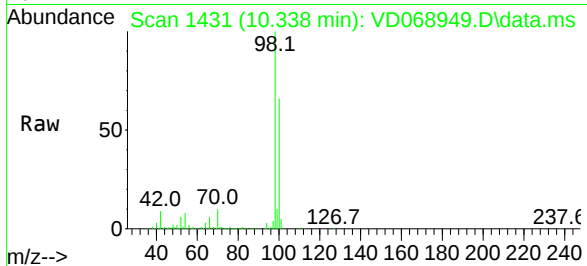




#50
Toluene-d8
Concen: 52.96 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068949.D
Acq: 22 Apr 2021 13:31

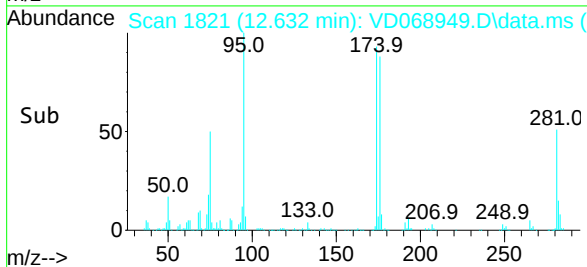
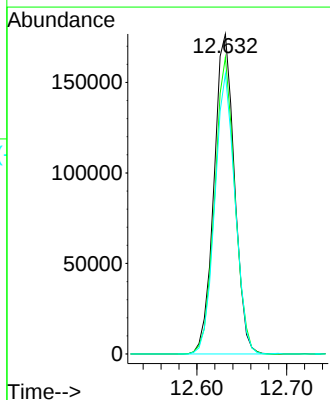
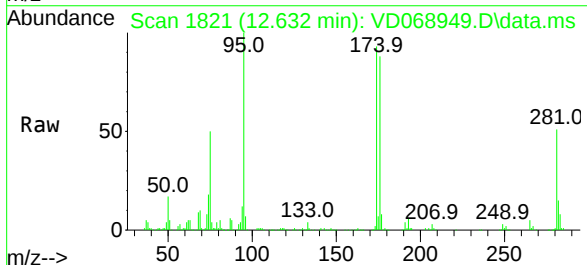
Instrument :
MSVOA_D
ClientSampleId :

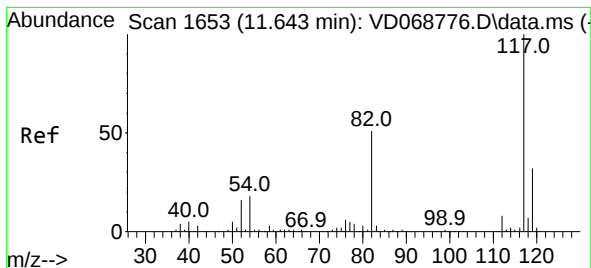
Tgt Ion: 98 Resp: 683543
Ion Ratio Lower Upper
98 100
100 63.9 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 65.22 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068949.D
Acq: 22 Apr 2021 13:31

Tgt Ion: 95 Resp: 279587
Ion Ratio Lower Upper
95 100
174 91.1 0.0 168.0
176 86.6 0.0 160.2

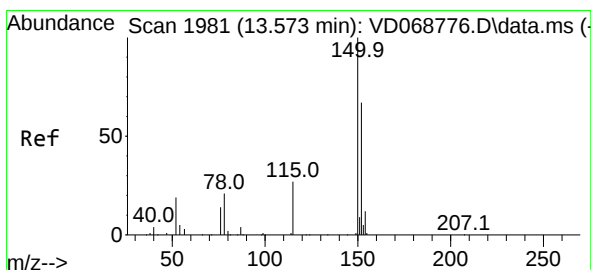
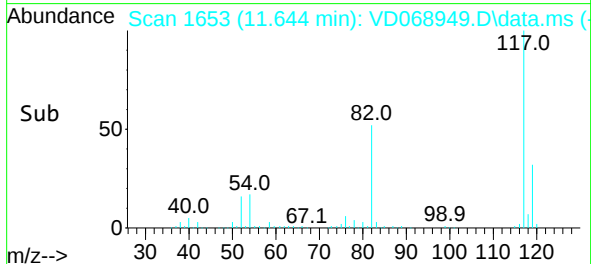
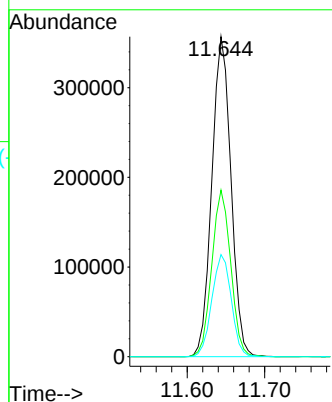
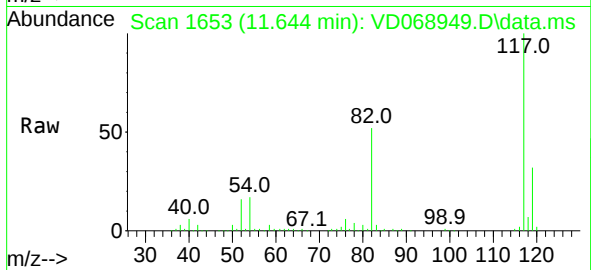




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068949.D
Acq: 22 Apr 2021 13:31

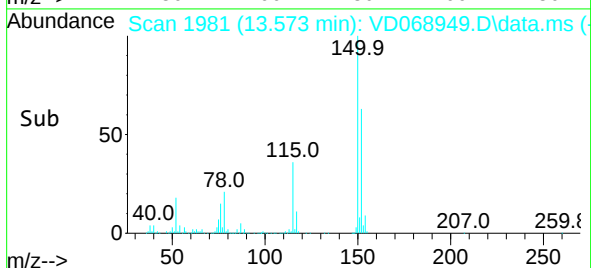
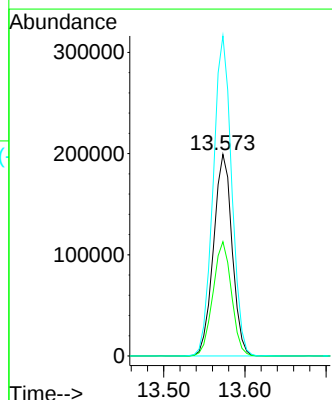
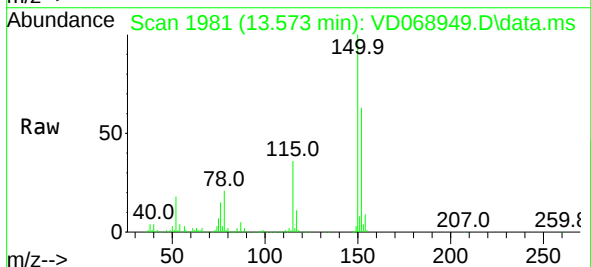
Instrument :
MSVOA_D
ClientSampleId :

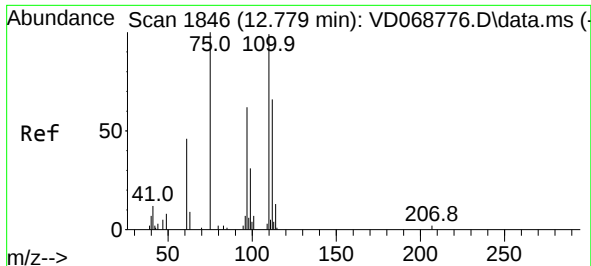
Tgt Ion:117 Resp: 613707
Ion Ratio Lower Upper
117 100
82 52.0 43.5 65.3
119 31.9 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068949.D
Acq: 22 Apr 2021 13:31

Tgt Ion:152 Resp: 317603
Ion Ratio Lower Upper
152 100
115 56.4 29.3 87.8
150 157.6 0.0 347.6

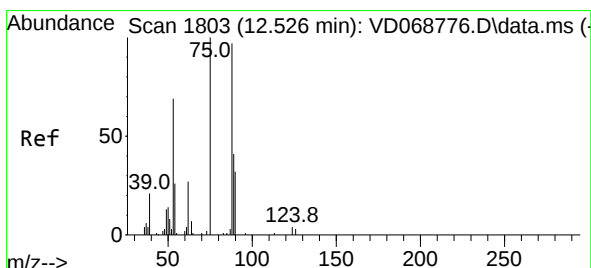
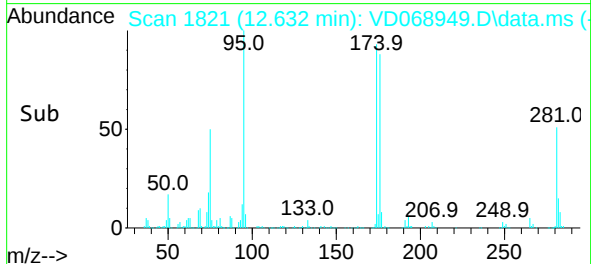
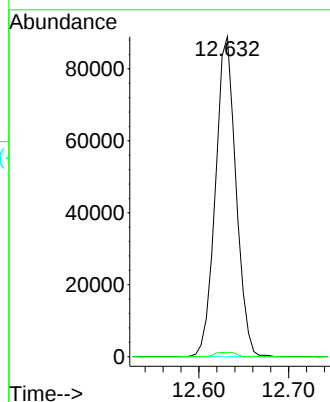
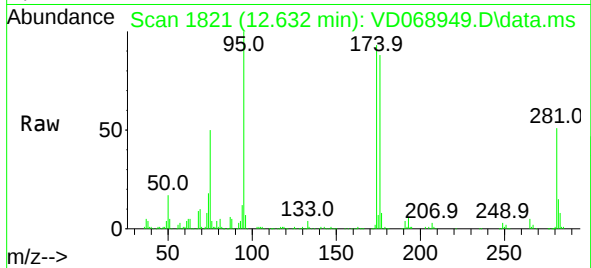




#76
1,2,3-Trichloropropane
Concen: 48.59 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD068949.D
Acq: 22 Apr 2021 13:31

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 140992
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 112.77 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068949.D
Acq: 22 Apr 2021 13:31

Tgt Ion: 75 Resp: 140992
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.7 36.6 54.8#

