

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042821\
 Data File : VD069009.D
 Acq On : 28 Apr 2021 17:33
 Operator : VA/SY
 Sample : M2207-03
 Misc : 6.50G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 29 06:33:40 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)

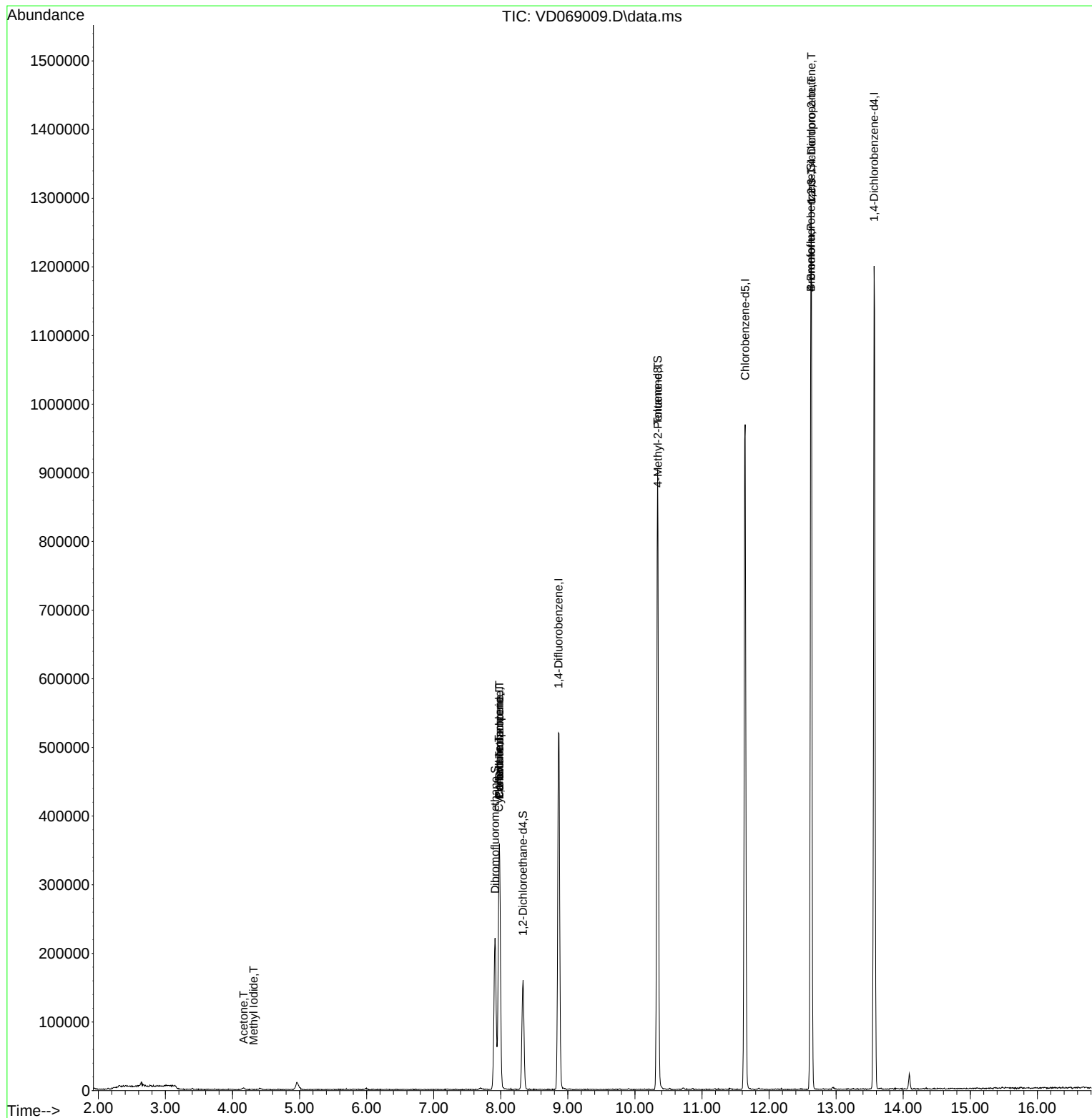
Internal Standards						
1) Pentafluorobenzene	7.979	168	286321	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	484377	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	598317	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	326675	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	124601	41.18	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.36%
35) Dibromofluoromethane	7.914	113	157353	49.94	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.88%
50) Toluene-d8	10.338	98	627289	52.78	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.56%
62) 4-Bromofluorobenzene	12.626	95	288432	73.07	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	146.14%#
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.314	142	75	2.27	ug/l #	31
11) Tert butyl alcohol	5.232	59	251	Below	Cal #	73
16) Acetone	4.167	43	3845	9.18	ug/l #	87
20) Methylene Chloride	4.973	84	9266	Below	Cal #	71
31) Cyclohexane	7.973	56	5987	1.19	ug/l #	23
36) 1,1-Dichloropropene	7.979	75	20555	4.19	ug/l #	44
38) Carbon Tetrachloride	7.979	117	27848	5.74	ug/l #	15
51) 4-Methyl-2-Pentanone	10.344	43	2310	1.56	ug/l #	1
71) Bromoform	12.626	173	2916	1.17	ug/l #	29
76) 1,2,3-Trichloropropane	12.632	75	143955	48.24	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	143955	111.94	ug/l #	16

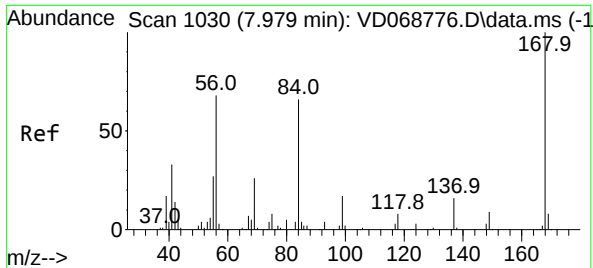
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042821\
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Quant Time: Apr 29 06:33:40 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

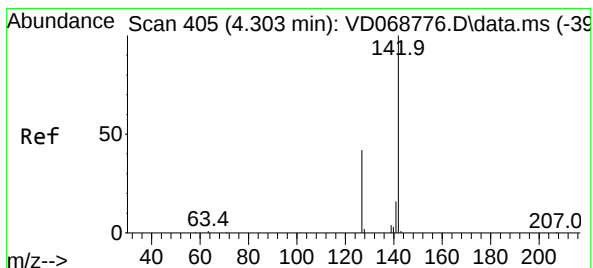
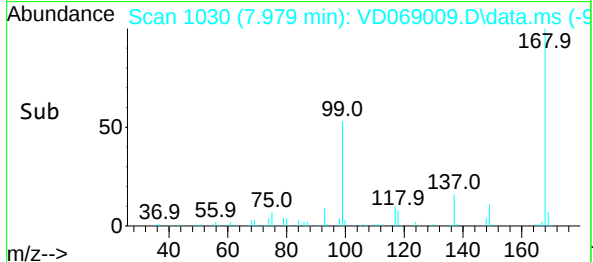
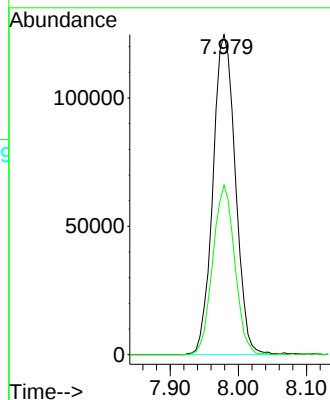
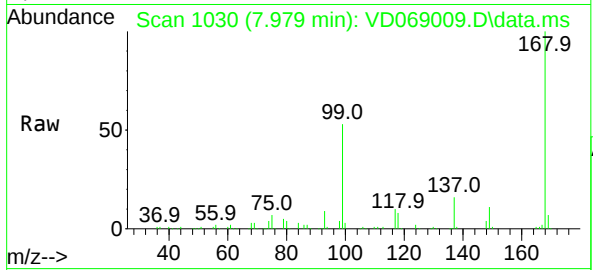




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069009.D
Acq: 28 Apr 2021 17:33

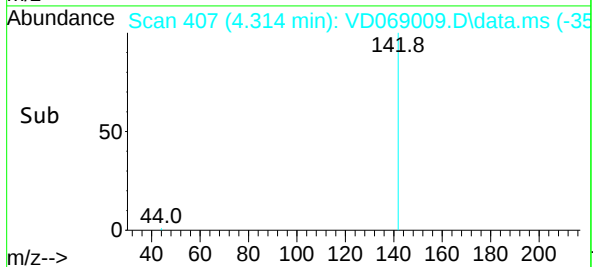
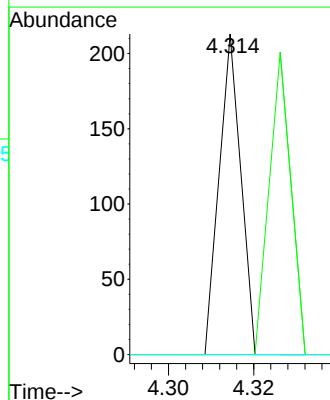
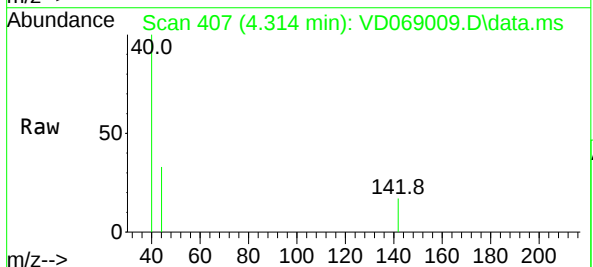
Instrument :
MSVOA_D
ClientSampled :

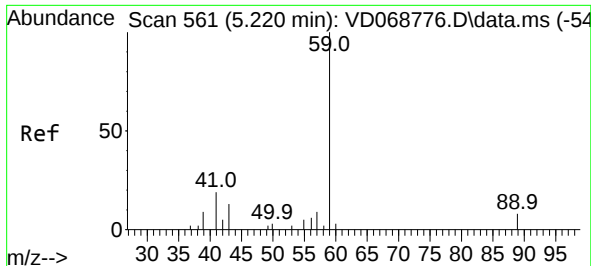
Tgt Ion:168 Resp: 286321
Ion Ratio Lower Upper
168 100
99 53.0 46.2 69.2



#10
Methyl Iodide
Concen: 2.27 ug/l
RT: 4.314 min Scan# 407
Delta R.T. 0.011 min
Lab File: VD069009.D
Acq: 28 Apr 2021 17:33

Tgt Ion:142 Resp: 75
Ion Ratio Lower Upper
142 100
127 94.7 34.7 52.1#
141 0.0 11.0 16.4#

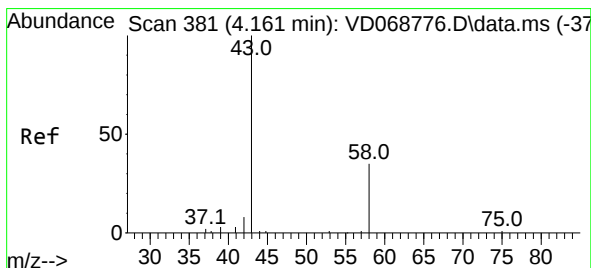
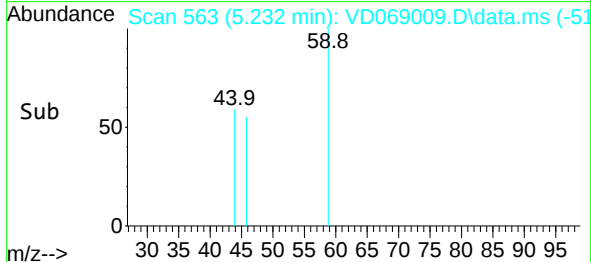
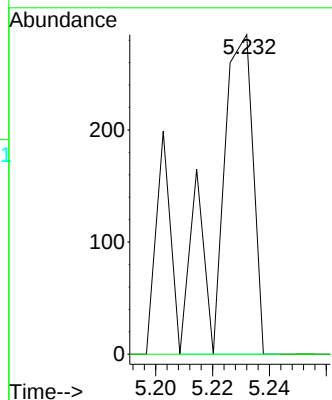
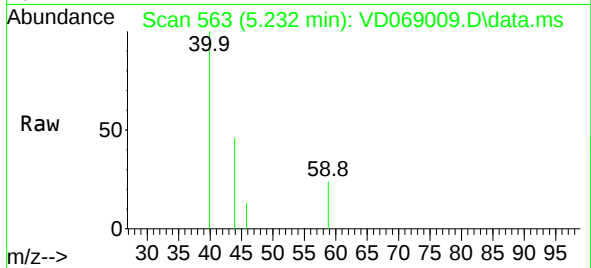




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.232 min Scan# 563
Delta R.T. 0.012 min
Lab File: VD069009.D
Acq: 28 Apr 2021 17:33

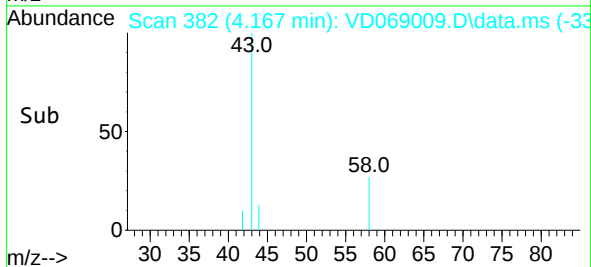
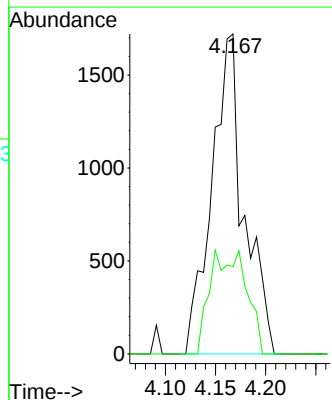
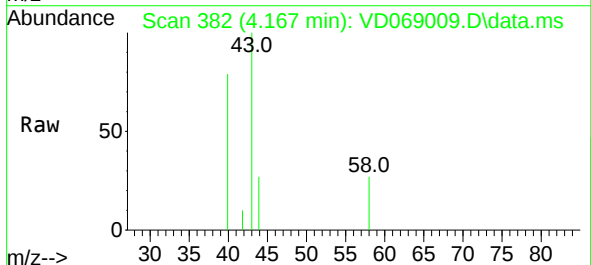
Instrument :
MSVOA_D
ClientSampled :

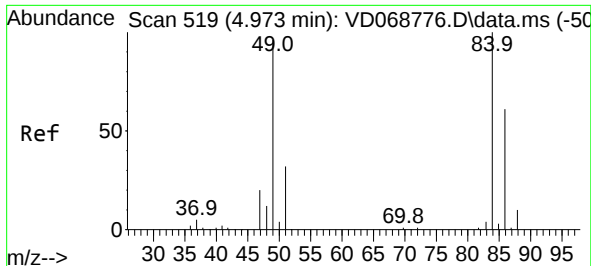
Tgt Ion: 59 Resp: 251
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 9.18 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD069009.D
Acq: 28 Apr 2021 17:33

Tgt Ion: 43 Resp: 3845
Ion Ratio Lower Upper
43 100
58 27.3 28.0 42.0#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.973 min Scan# 519

Delta R.T. 0.000 min

Lab File: VD069009.D

Acq: 28 Apr 2021 17:33

Tgt Ion: 84 Resp: 9266

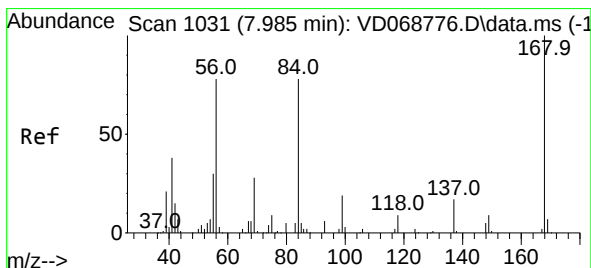
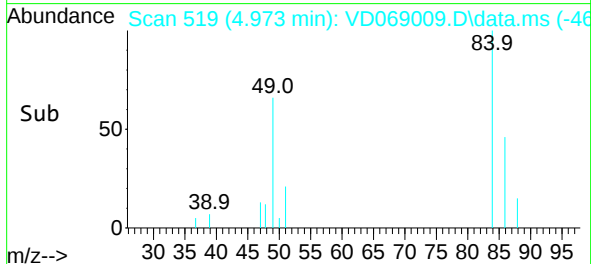
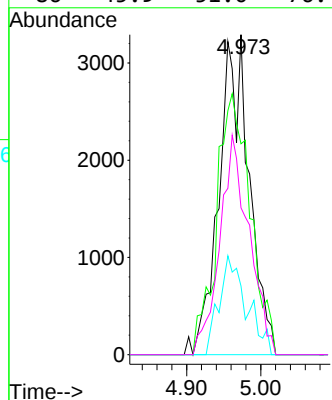
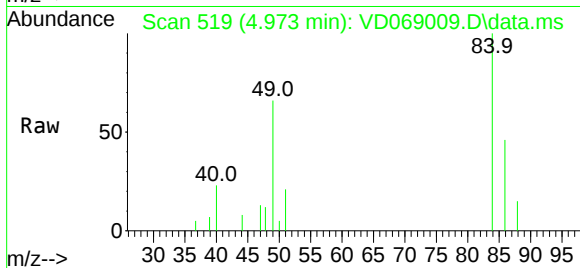
Ion Ratio Lower Upper

84 100

49 65.9 83.4 125.0#

51 21.5 23.4 35.2#

86 45.9 51.0 76.4#



#31

Cyclohexane

Concen: 1.19 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.012 min

Lab File: VD069009.D

Acq: 28 Apr 2021 17:33

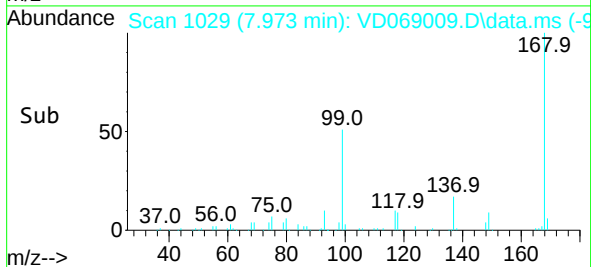
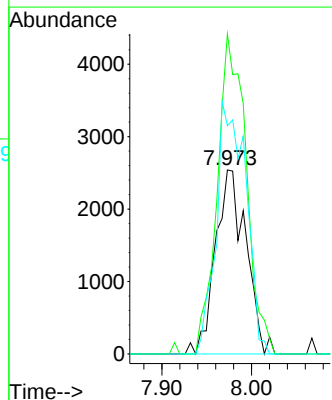
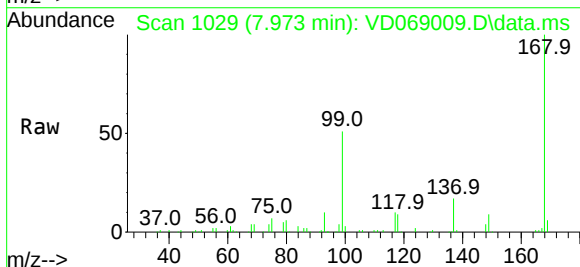
Tgt Ion: 56 Resp: 5987

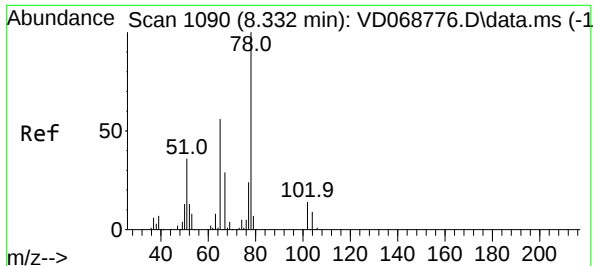
Ion Ratio Lower Upper

56 100

69 173.9 30.0 45.0#

84 124.1 82.0 123.0#

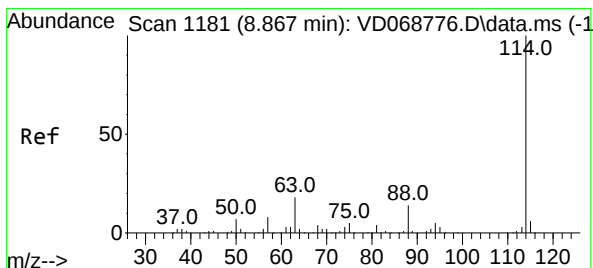
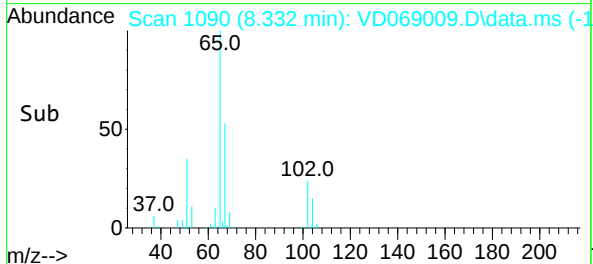
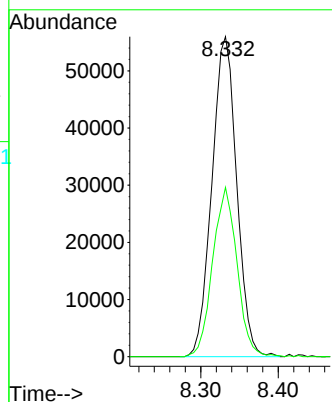
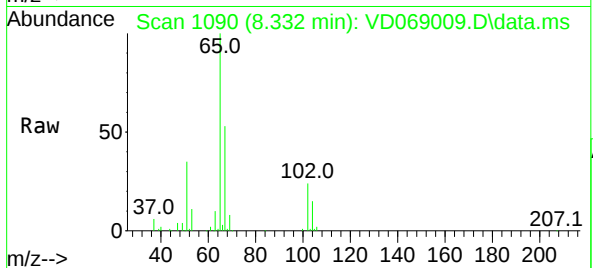




#33
1,2-Dichloroethane-d4
Concen: 41.18 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069009.D
Acq: 28 Apr 2021 17:33

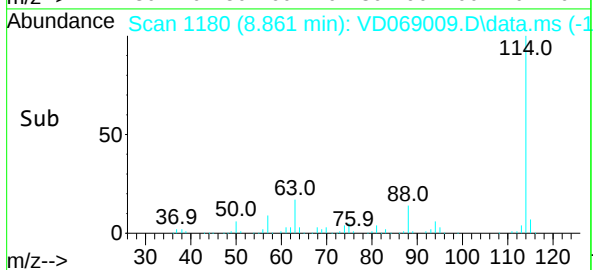
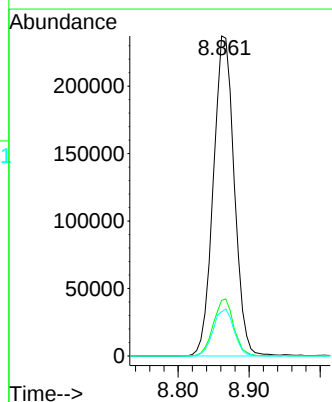
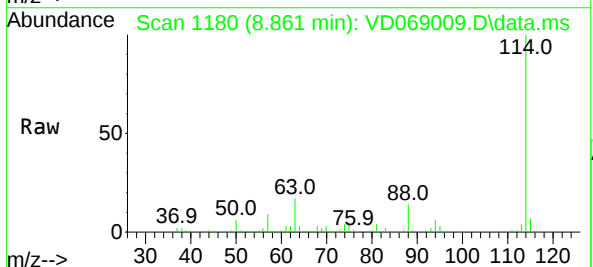
Instrument :
MSVOA_D
ClientSampled :

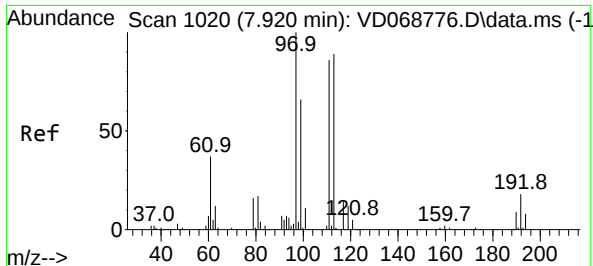
Tgt Ion: 65 Resp: 124601
Ion Ratio Lower Upper
65 100
67 51.9 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069009.D
Acq: 28 Apr 2021 17:33

Tgt Ion: 114 Resp: 484377
Ion Ratio Lower Upper
114 100
63 17.4 0.0 38.2
88 13.8 0.0 29.4





#35

Dibromofluoromethane

Concen: 49.94 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD069009.D

Acq: 28 Apr 2021 17:33

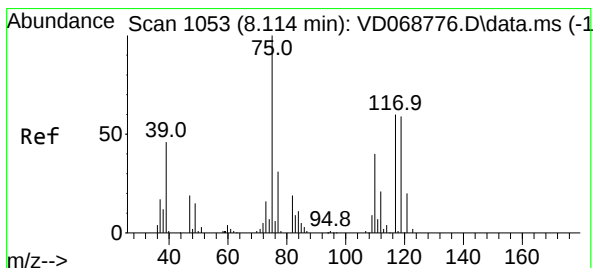
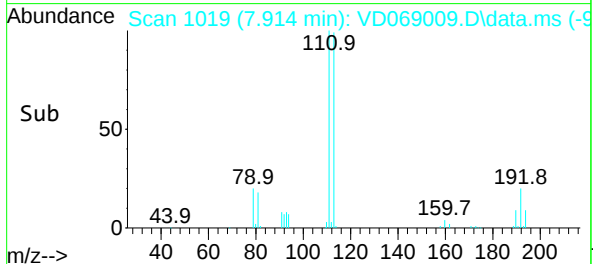
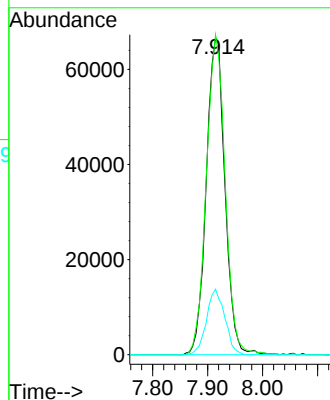
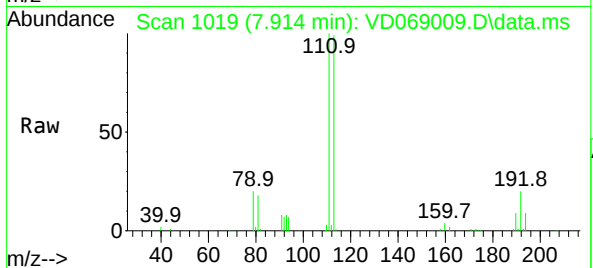
Tgt Ion:113 Resp: 157353

Ion Ratio Lower Upper

113 100

111 102.2 82.5 123.7

192 20.2 15.1 22.7



#36

1,1-Dichloropropene

Concen: 4.19 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.135 min

Lab File: VD069009.D

Acq: 28 Apr 2021 17:33

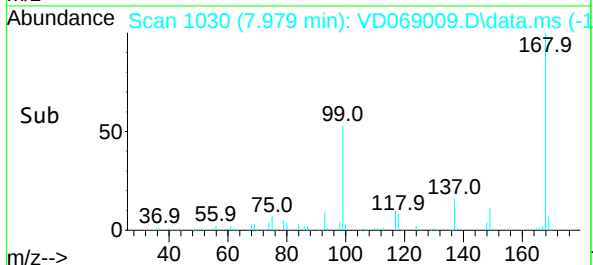
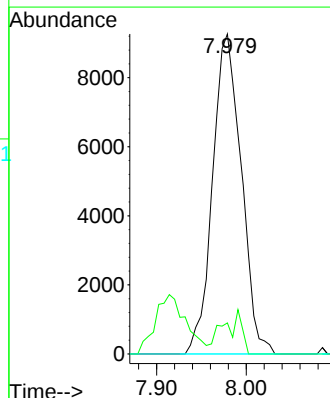
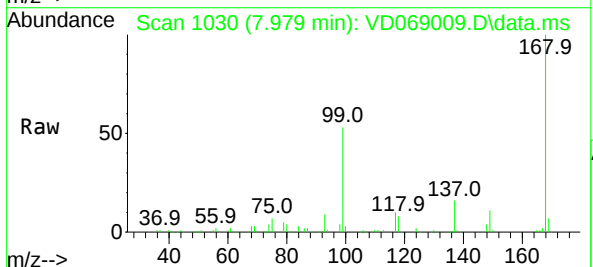
Tgt Ion: 75 Resp: 20555

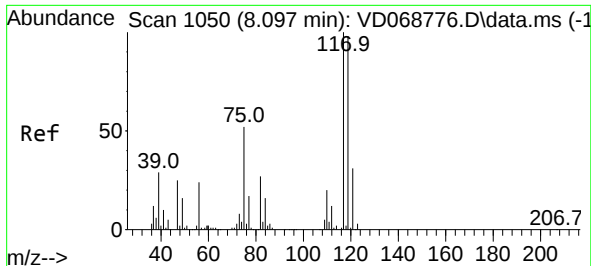
Ion Ratio Lower Upper

75 100

110 3.6 18.1 54.4#

77 0.0 24.7 37.1#

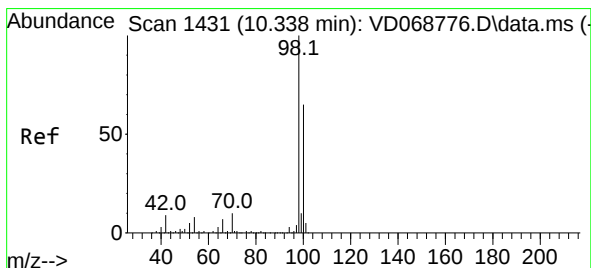
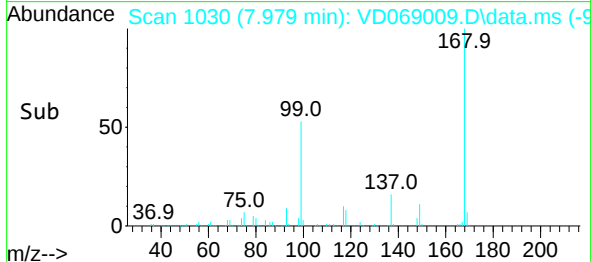
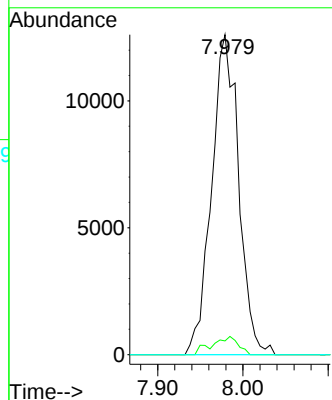
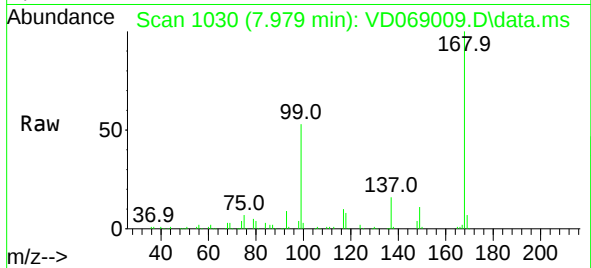




#38
Carbon Tetrachloride
Concen: 5.74 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD069009.D
Acq: 28 Apr 2021 17:33

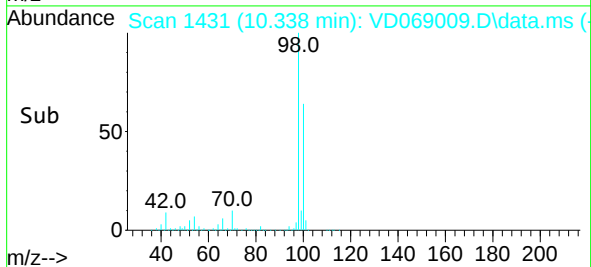
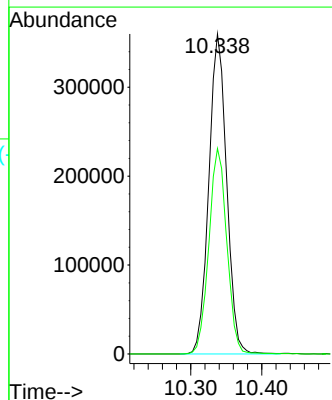
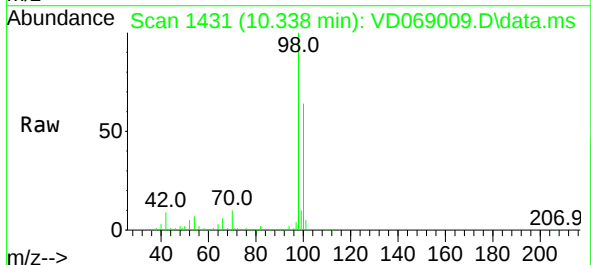
Instrument :
MSVOA_D
ClientSampled :

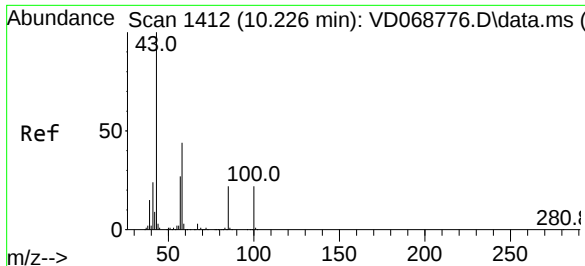
Tgt Ion:117 Resp: 27848
Ion Ratio Lower Upper
117 100
119 4.3 76.6 115.0#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 52.78 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069009.D
Acq: 28 Apr 2021 17:33

Tgt Ion: 98 Resp: 627289
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6

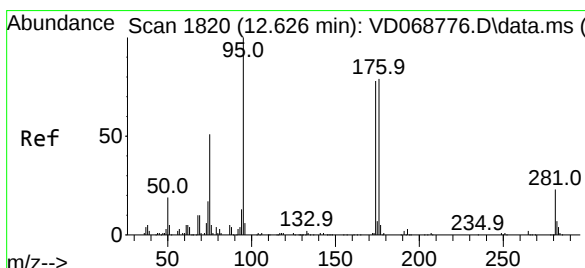
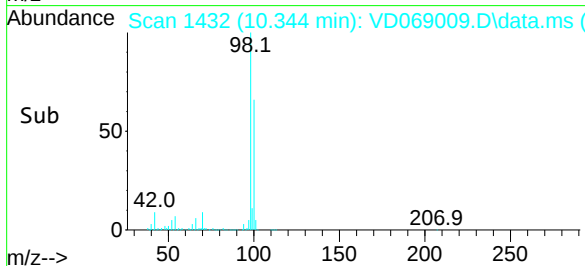
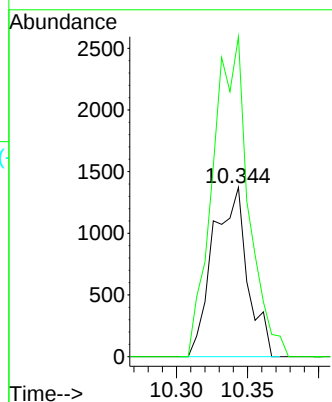
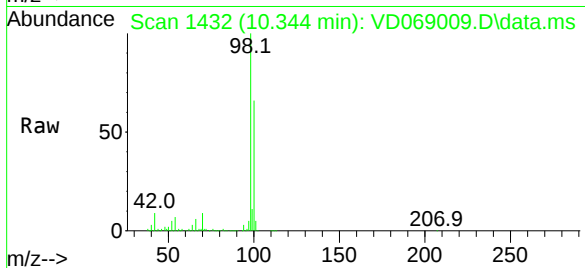




#51
4-Methyl-2-Pentanone
Concen: 1.56 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.118 min
Lab File: VD069009.D
Acq: 28 Apr 2021 17:33

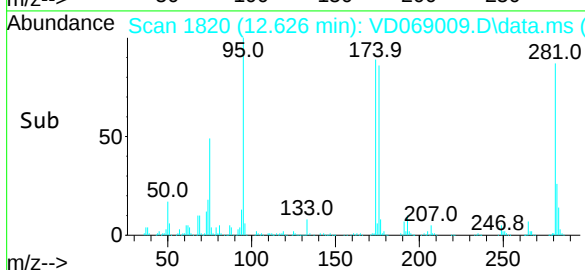
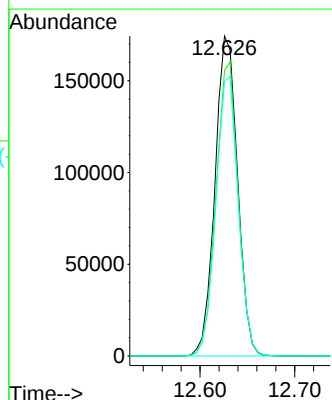
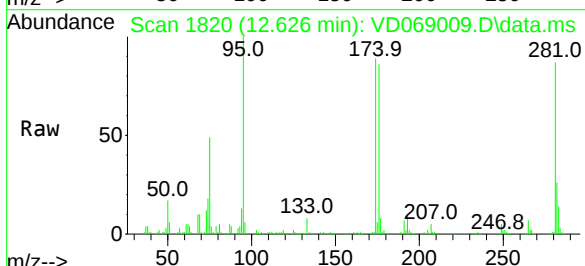
Instrument :
MSVOA_D
ClientSampled :

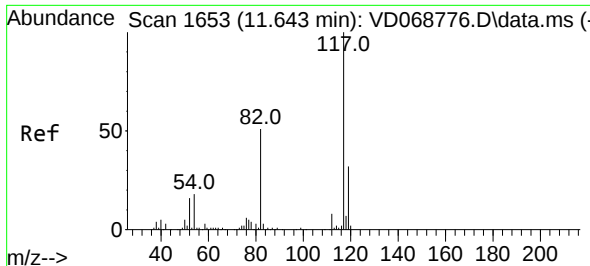
Tgt Ion: 43 Resp: 2310
Ion Ratio Lower Upper
43 100
58 196.2 37.3 55.9#



#62
4-Bromofluorobenzene
Concen: 73.07 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069009.D
Acq: 28 Apr 2021 17:33

Tgt Ion: 95 Resp: 288432
Ion Ratio Lower Upper
95 100
174 90.8 0.0 168.0
176 86.6 0.0 160.2

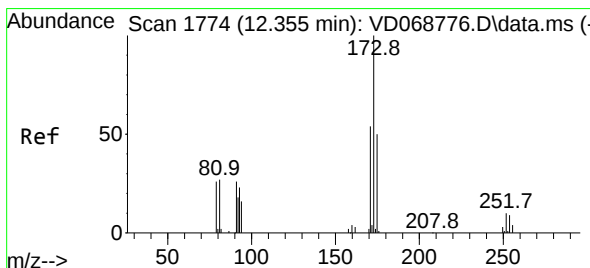
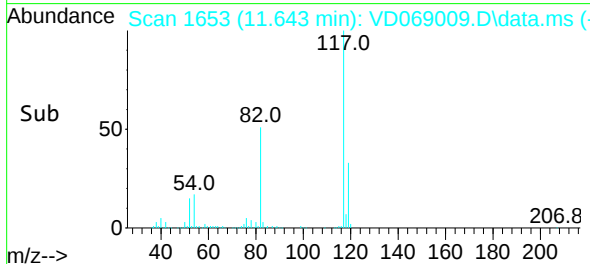
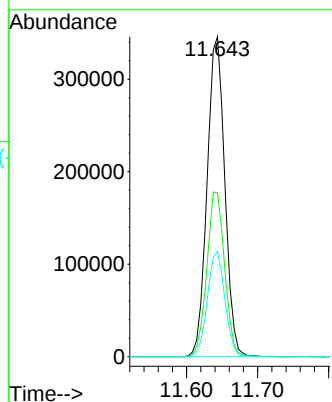
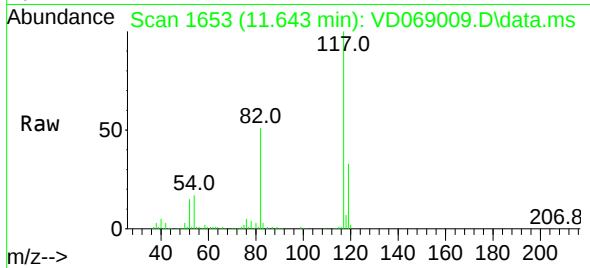




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069009.D
Acq: 28 Apr 2021 17:33

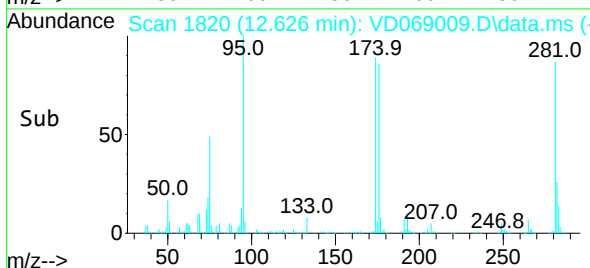
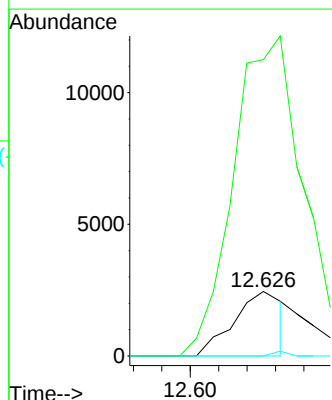
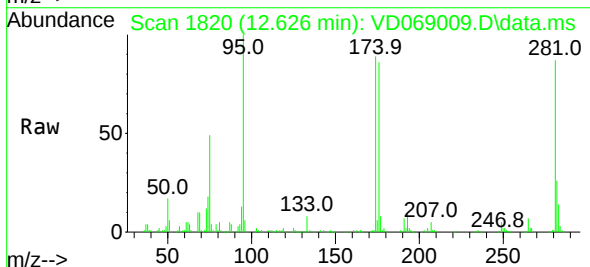
Instrument :
MSVOA_D
ClientSampled :

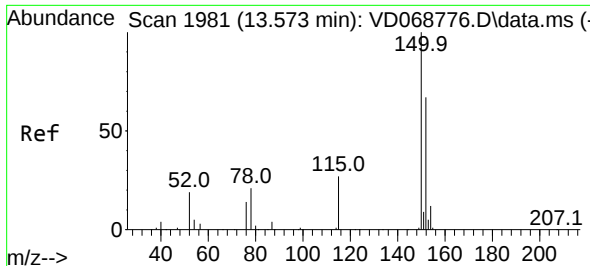
Tgt Ion:117 Resp: 598317
Ion Ratio Lower Upper
117 100
82 51.1 43.5 65.3
119 32.9 26.7 40.1



#71
Bromoform
Concen: 1.17 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.271 min
Lab File: VD069009.D
Acq: 28 Apr 2021 17:33

Tgt Ion:173 Resp: 2916
Ion Ratio Lower Upper
173 100
175 0.0 23.6 71.0#
254 0.0 0.0 0.0

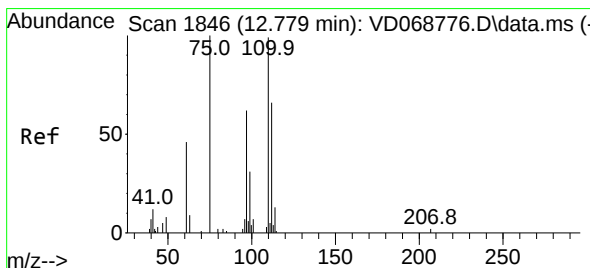
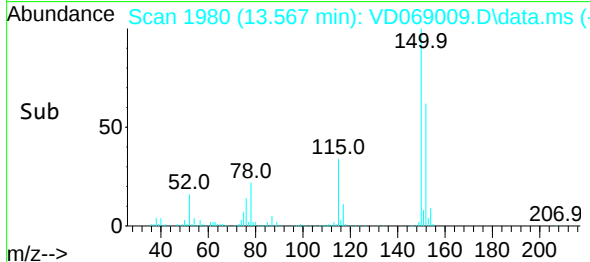
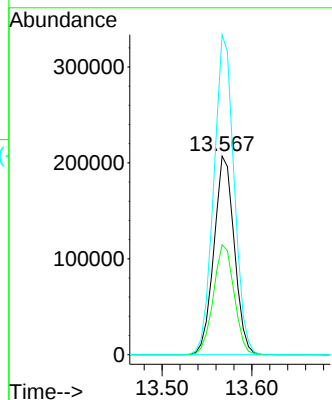
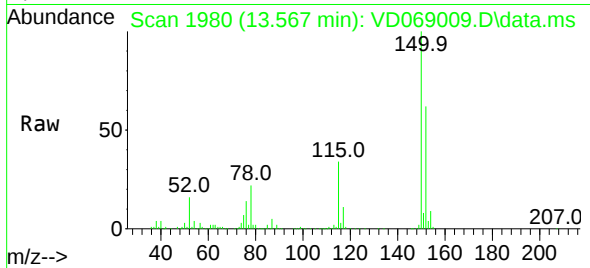




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.006 min
Lab File: VD069009.D
Acq: 28 Apr 2021 17:33

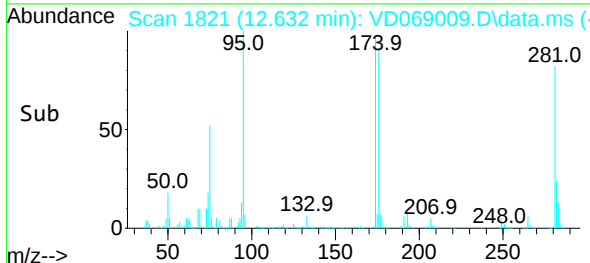
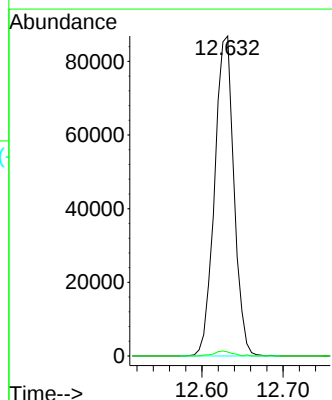
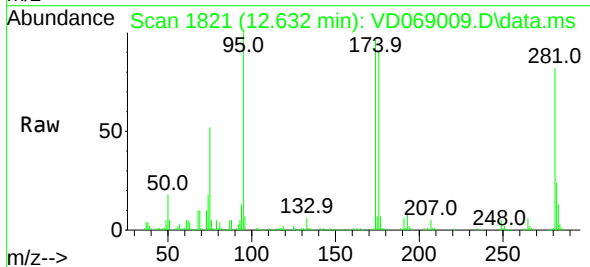
Instrument :
MSVOA_D
ClientSampled :

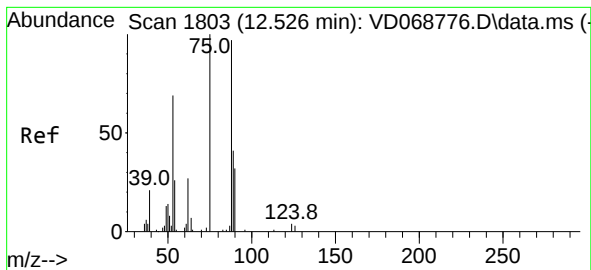
Tgt Ion:152 Resp: 326675
Ion Ratio Lower Upper
152 100
115 56.3 29.3 87.8
150 160.4 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 48.24 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD069009.D
Acq: 28 Apr 2021 17:33

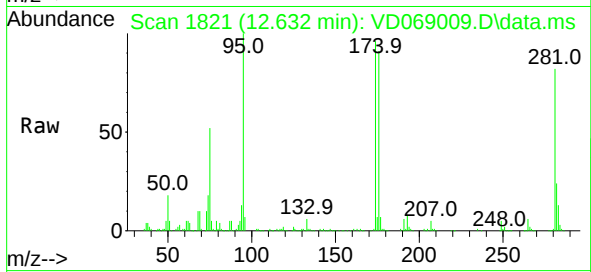
Tgt Ion: 75 Resp: 143955
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 111.94 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD069009.D
 Acq: 28 Apr 2021 17:33

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 143955
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.7 36.6 54.8#

