

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042221\
 Data File : VD068955.D
 Acq On : 22 Apr 2021 16:19
 Operator : VA/SY
 Sample : M2107-11
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 23 08:46:39 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)

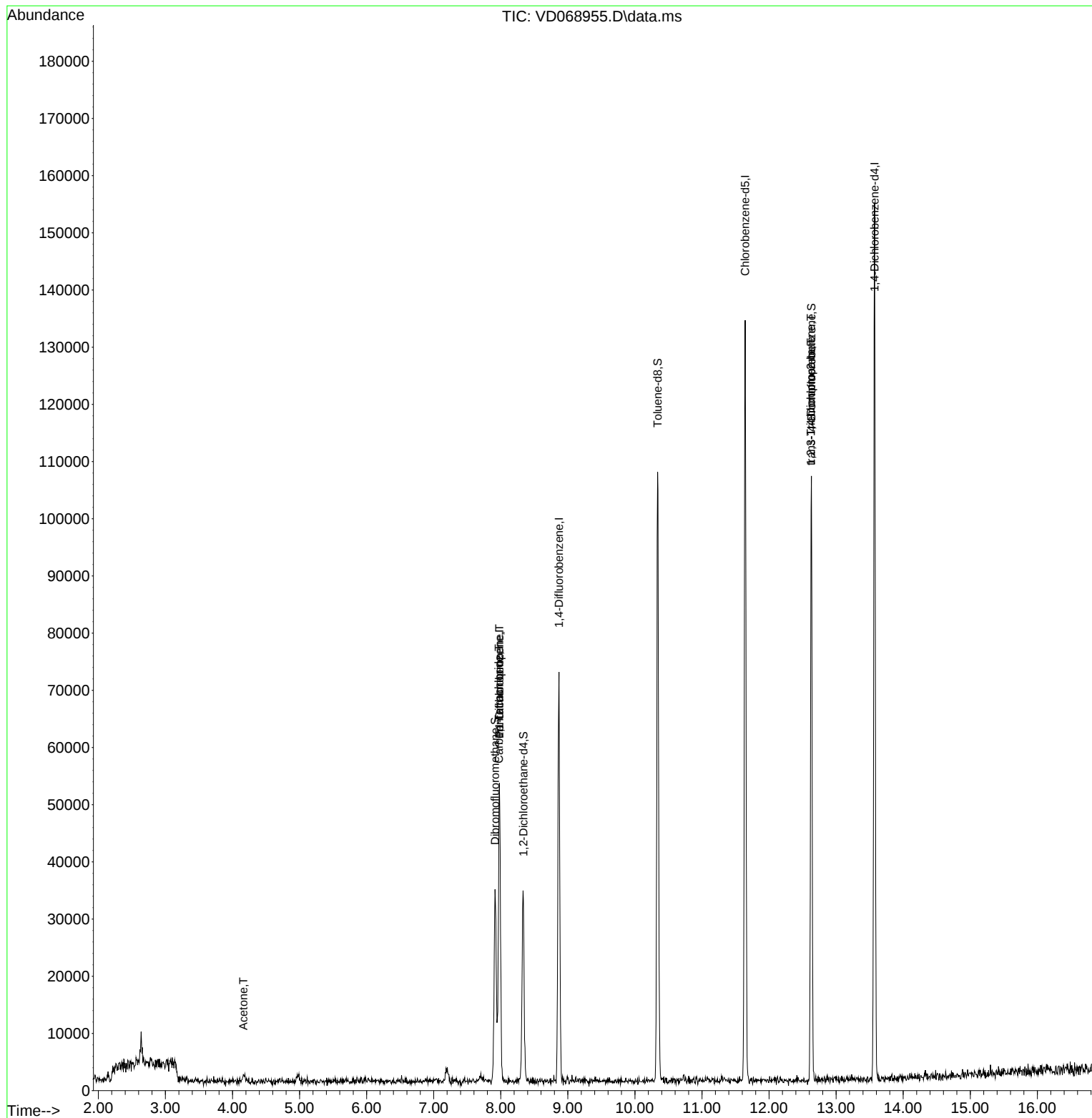
Internal Standards						
1) Pentafluorobenzene	7.979	168	41048	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	62637	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	81033	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	41234	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	25768	59.40	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.80%			
35) Dibromofluoromethane	7.914	113	23861	58.57	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 117.14%			
50) Toluene-d8	10.338	98	78321	50.96	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.92%			
62) 4-Bromofluorobenzene	12.632	95	33592	65.81	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 131.62%			
Target Compounds						
11) Tert butyl alcohol	5.185	59	116	Below Cal	#	73
16) Acetone	4.162	43	1989	33.11	ug/l	98
20) Methylene Chloride	4.962	84	417	Below Cal	#	29
36) 1,1-Dichloropropene	7.979	75	2377	3.75	ug/l	# 47
38) Carbon Tetrachloride	7.973	117	4015	6.40	ug/l	# 12
76) 1,2,3-Trichloropropane	12.626	75	16131	42.82	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.626	75	16131	99.38	ug/l	# 16

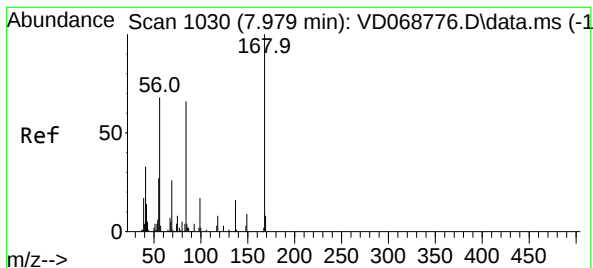
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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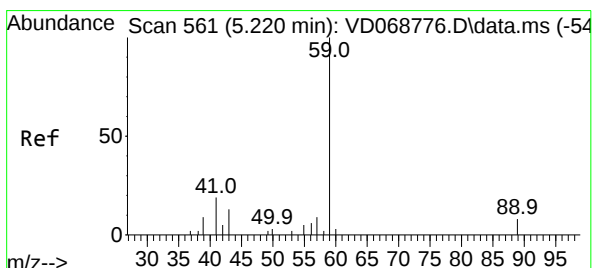
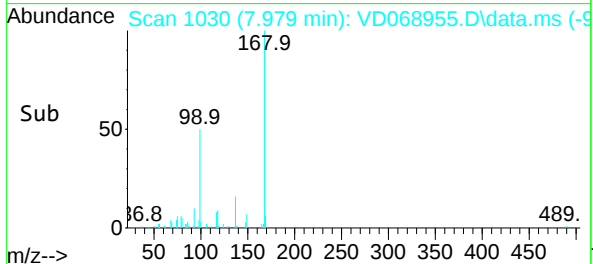
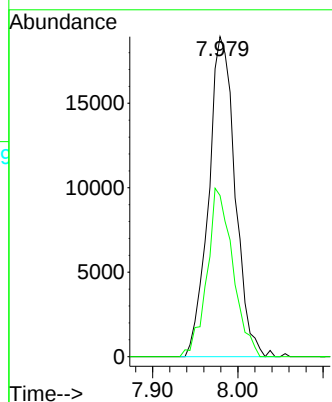
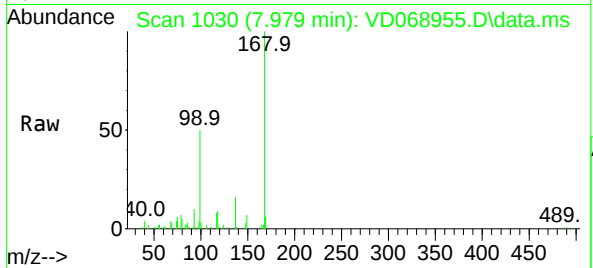




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068955.D
Acq: 22 Apr 2021 16:19

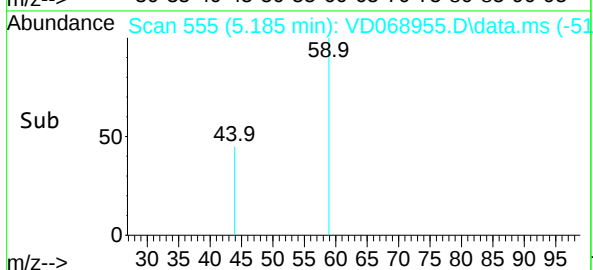
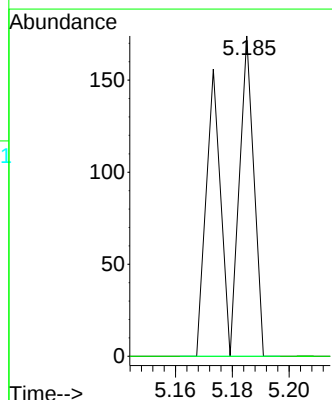
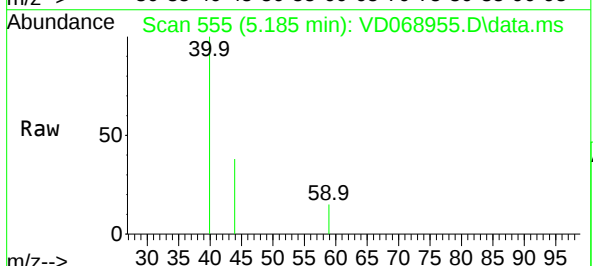
Instrument :
MSVOA_D
ClientSampleId :

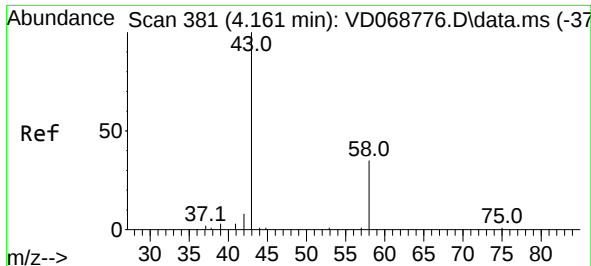
Tgt Ion:168 Resp: 41048
Ion Ratio Lower Upper
168 100
99 50.4 46.2 69.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.185 min Scan# 555
Delta R.T. -0.035 min
Lab File: VD068955.D
Acq: 22 Apr 2021 16:19

Tgt Ion: 59 Resp: 116
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

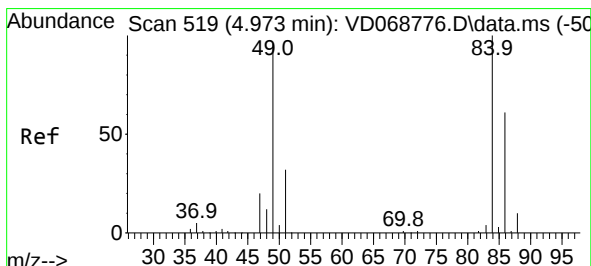
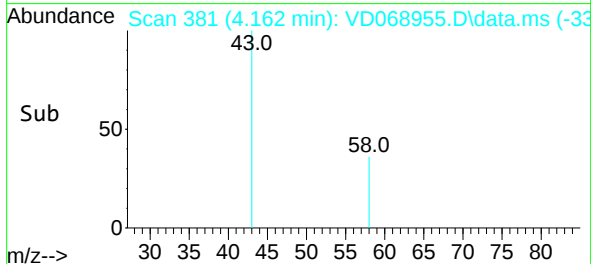
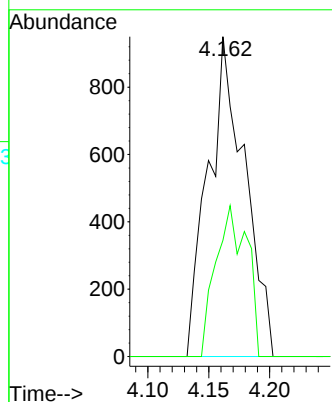
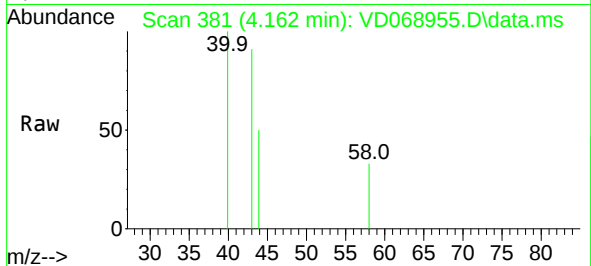




#16
Acetone
Concen: 33.11 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.001 min
Lab File: VD068955.D
Acq: 22 Apr 2021 16:19

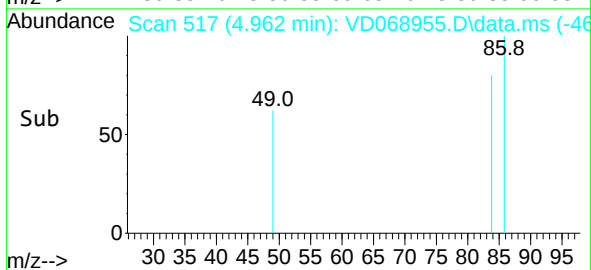
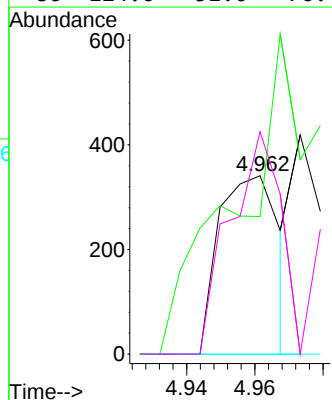
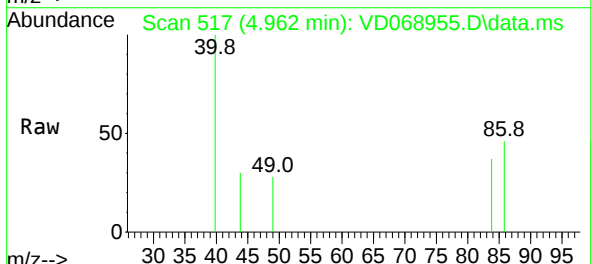
Instrument :
MSVOA_D
ClientSampled :

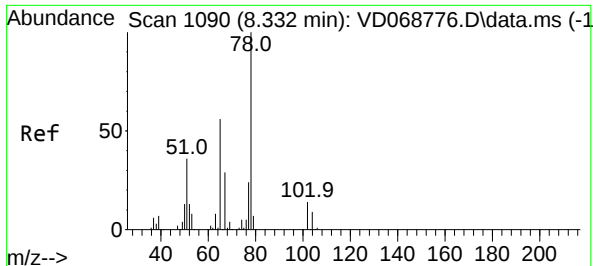
Tgt Ion: 43 Resp: 1989
Ion Ratio Lower Upper
43 100
58 36.3 28.0 42.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.011 min
Lab File: VD068955.D
Acq: 22 Apr 2021 16:19

Tgt Ion: 84 Resp: 417
Ion Ratio Lower Upper
84 100
49 30.5 83.4 125.0#
51 0.0 23.4 35.2#
86 124.6 51.0 76.4#

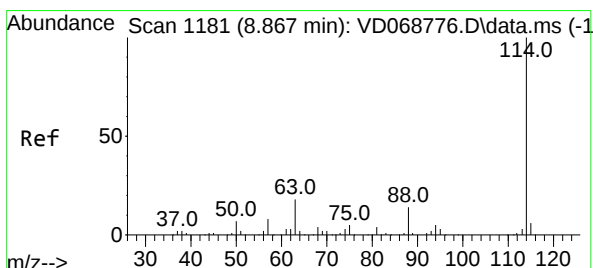
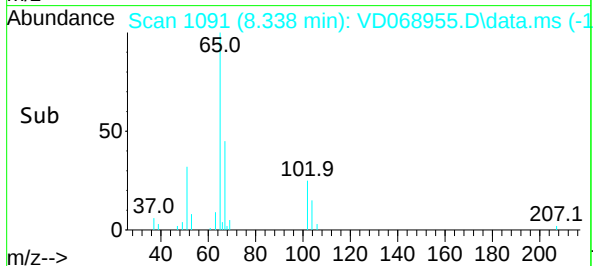
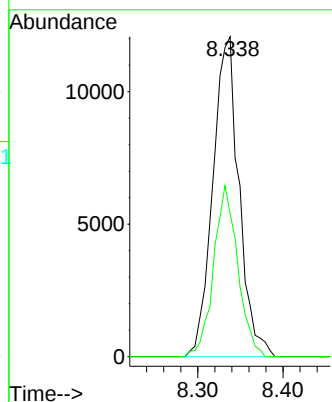
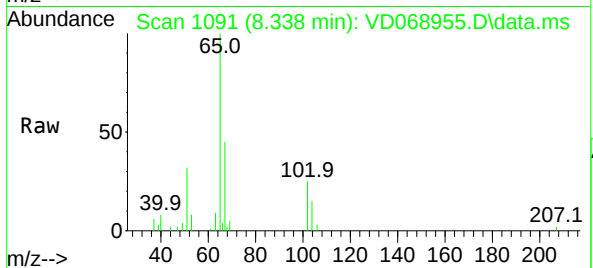




#33
 1,2-Dichloroethane-d4
 Concen: 59.40 ug/l
 RT: 8.338 min Scan# 1091
 Delta R.T. 0.006 min
 Lab File: VD068955.D
 Acq: 22 Apr 2021 16:19

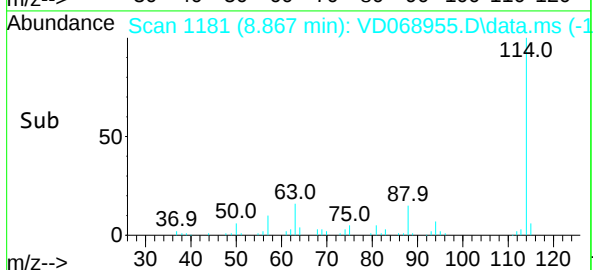
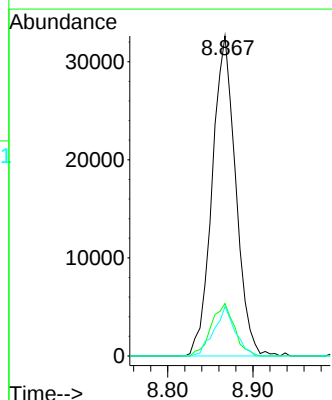
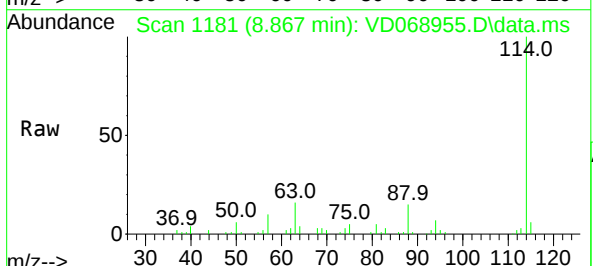
Instrument :
 MSVOA_D
 ClientSampled :

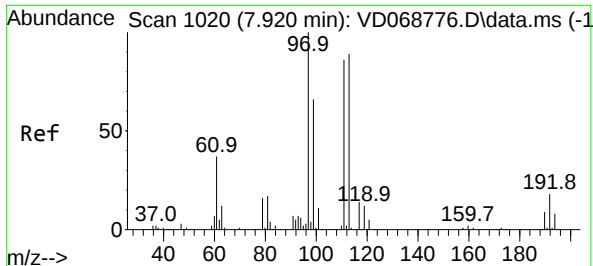
Tgt Ion: 65 Resp: 25768
 Ion Ratio Lower Upper
 65 100
 67 49.2 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.867 min Scan# 1181
 Delta R.T. 0.000 min
 Lab File: VD068955.D
 Acq: 22 Apr 2021 16:19

Tgt Ion: 114 Resp: 62637
 Ion Ratio Lower Upper
 114 100
 63 16.4 0.0 38.2
 88 15.4 0.0 29.4





#35

Dibromofluoromethane

Concen: 58.57 ug/l

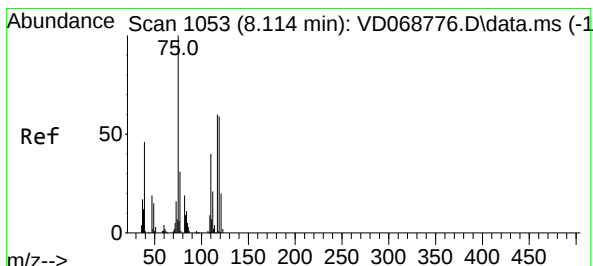
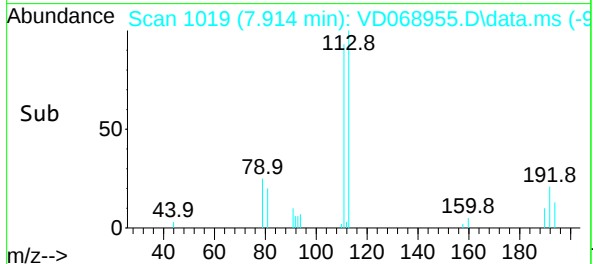
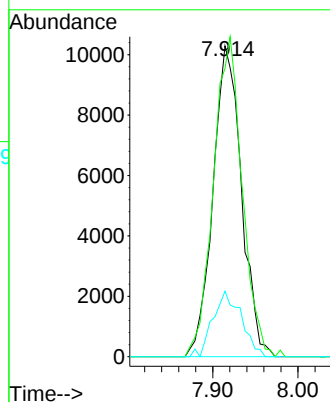
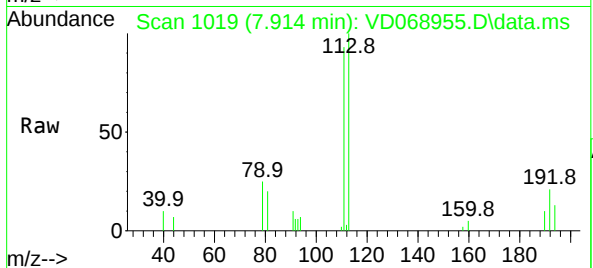
RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD068955.D

Acq: 22 Apr 2021 16:19

Tgt Ion:	113	Resp:	23861
Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.5	123.7
192	21.0	15.1	22.7



#36

1,1-Dichloropropene

Concen: 3.75 ug/l

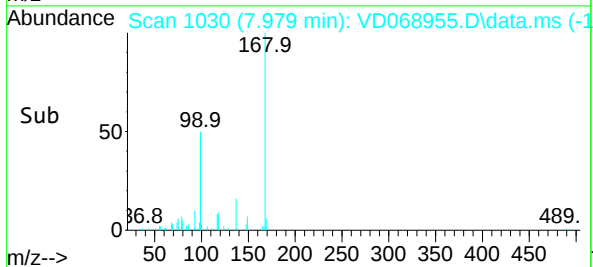
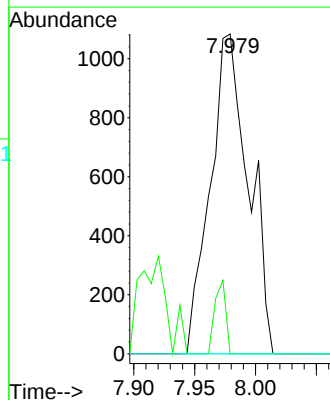
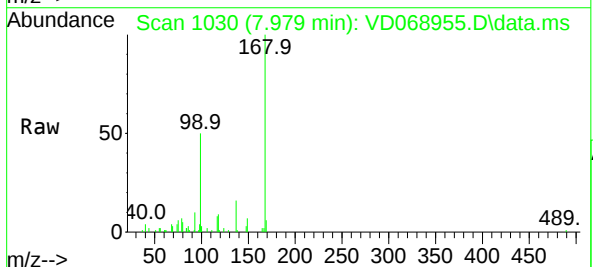
RT: 7.979 min Scan# 1030

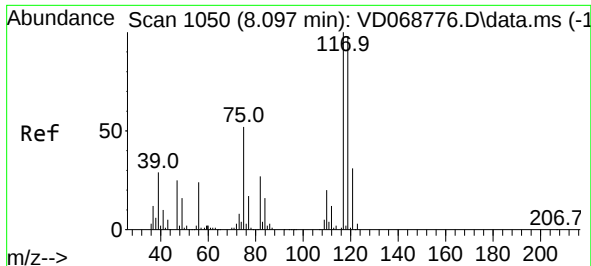
Delta R.T. -0.135 min

Lab File: VD068955.D

Acq: 22 Apr 2021 16:19

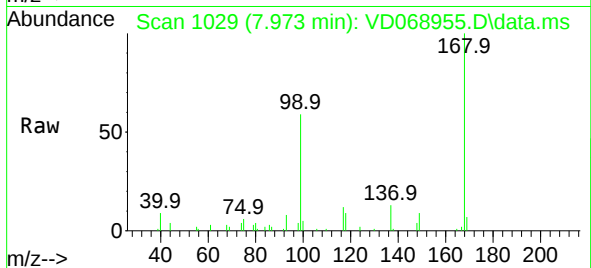
Tgt Ion:	75	Resp:	2377
Ion	Ratio	Lower	Upper
75	100		
110	6.5	18.1	54.4#
77	0.0	24.7	37.1#



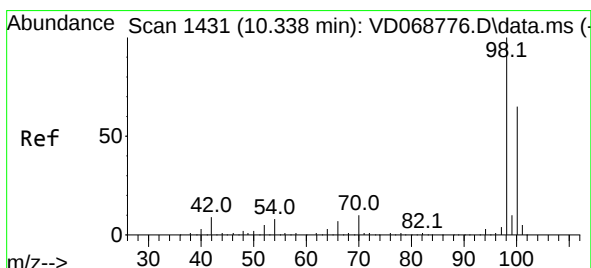
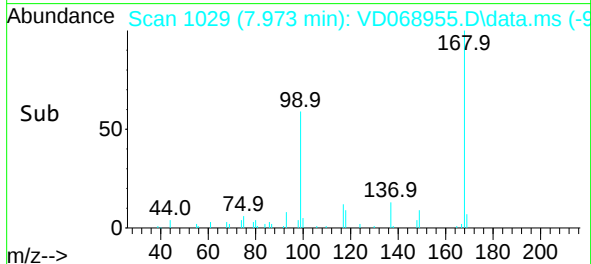
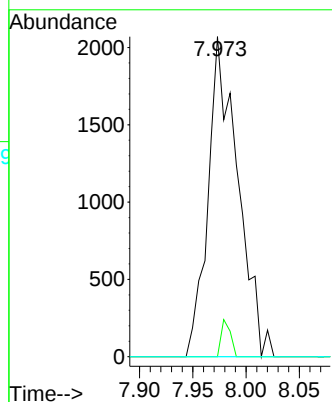


#38
Carbon Tetrachloride
Concen: 6.40 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD068955.D
Acq: 22 Apr 2021 16:19

Instrument :
MSVOA_D
ClientSampleId :

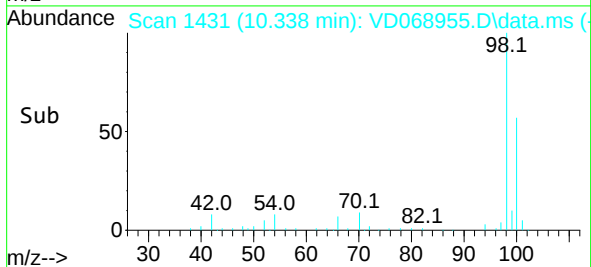
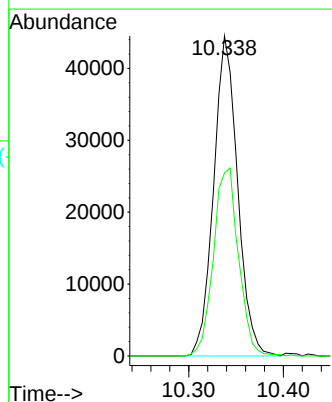
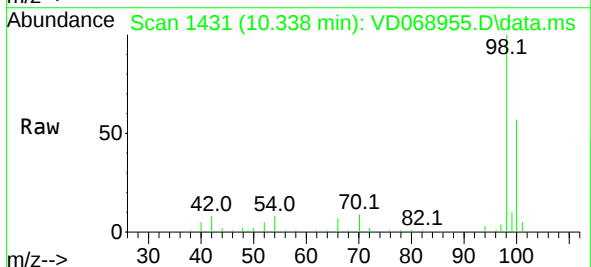


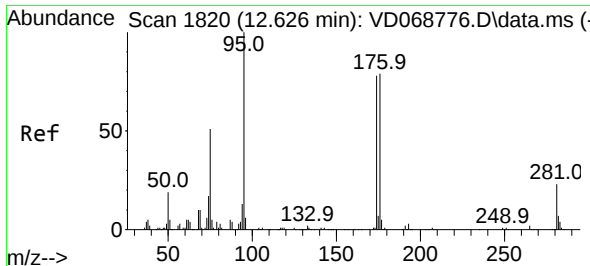
Tgt Ion:117 Resp: 4015
Ion Ratio Lower Upper
117 100
119 0.0 76.6 115.0#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 50.96 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068955.D
Acq: 22 Apr 2021 16:19

Tgt Ion: 98 Resp: 78321
Ion Ratio Lower Upper
98 100
100 61.4 51.8 77.6

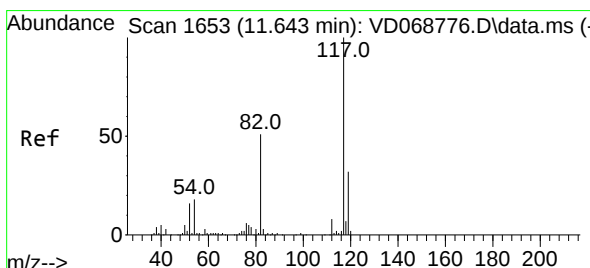
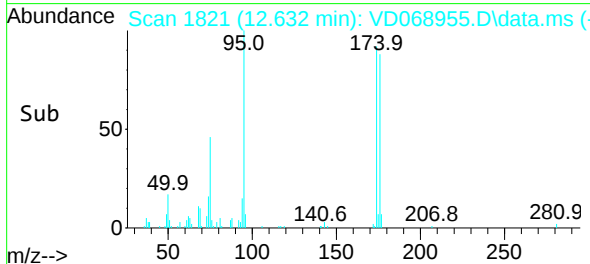
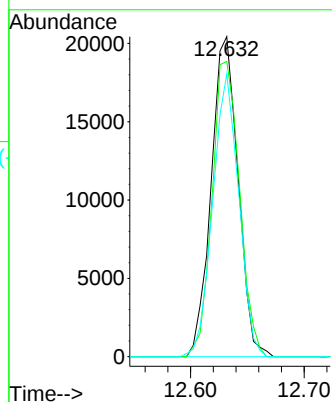
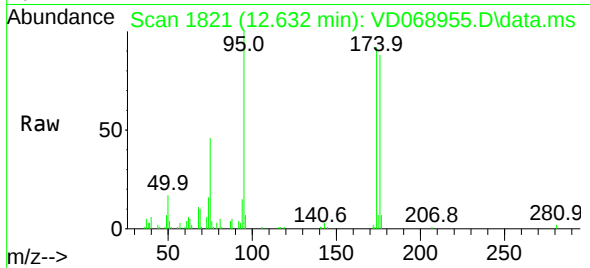




#62
4-Bromofluorobenzene
Concen: 65.81 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068955.D
Acq: 22 Apr 2021 16:19

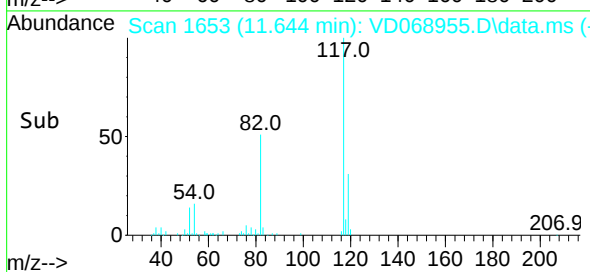
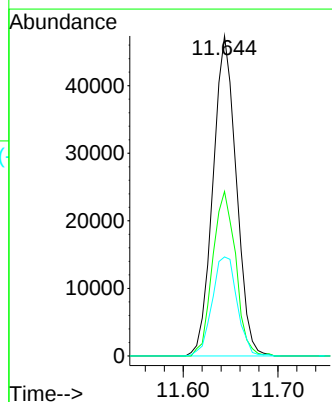
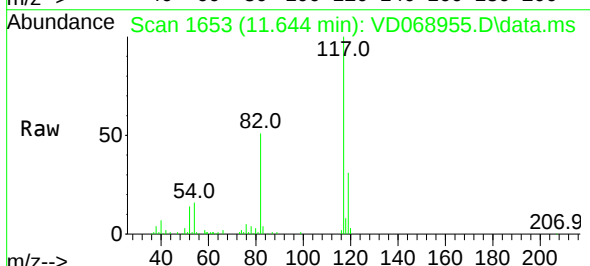
Instrument :
MSVOA_D
ClientSampled :

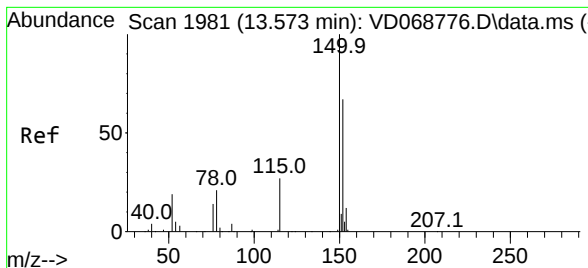
Tgt Ion: 95 Resp: 33592
Ion Ratio Lower Upper
95 100
174 94.2 0.0 168.0
176 85.4 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068955.D
Acq: 22 Apr 2021 16:19

Tgt Ion: 117 Resp: 81033
Ion Ratio Lower Upper
117 100
82 51.4 43.5 65.3
119 30.9 26.7 40.1

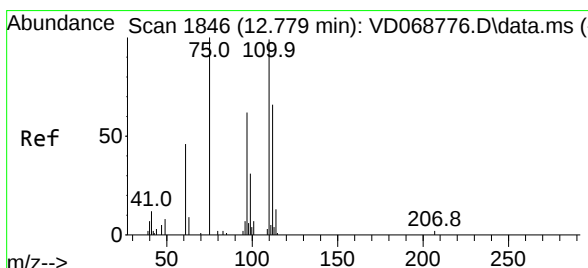
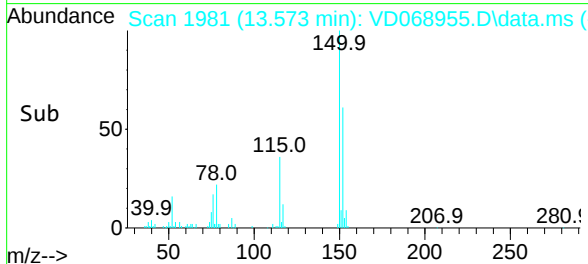
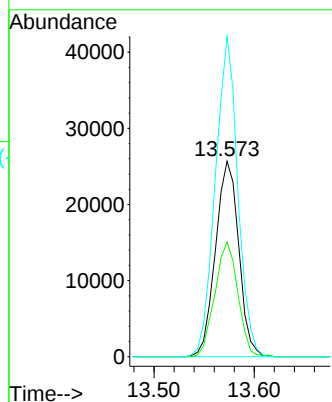
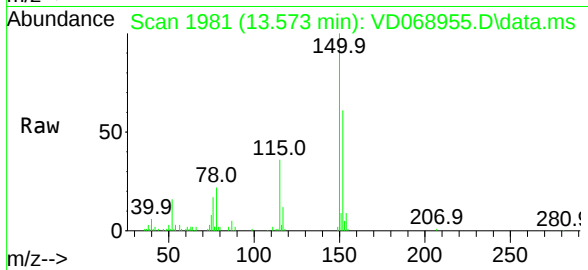




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.573 min Scan# 1981
 Delta R.T. -0.000 min
 Lab File: VD068955.D
 Acq: 22 Apr 2021 16:19

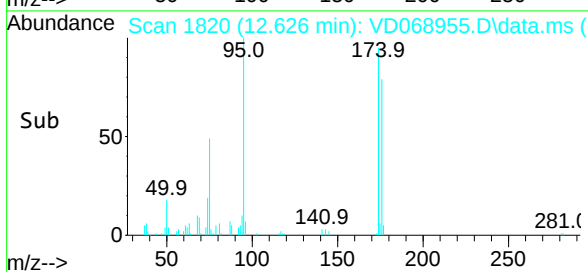
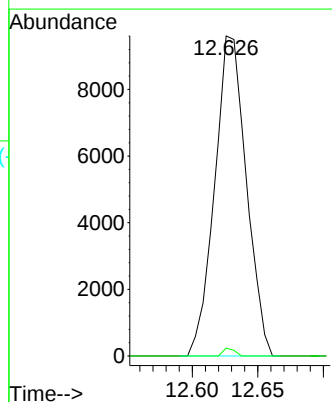
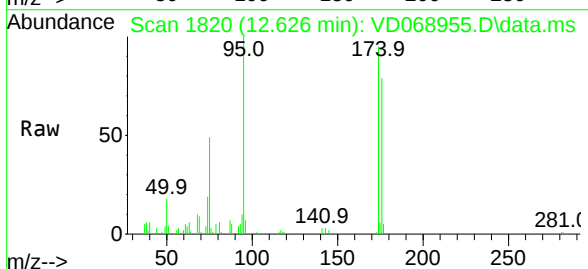
Instrument :
 MSVOA_D
 ClientSampled :

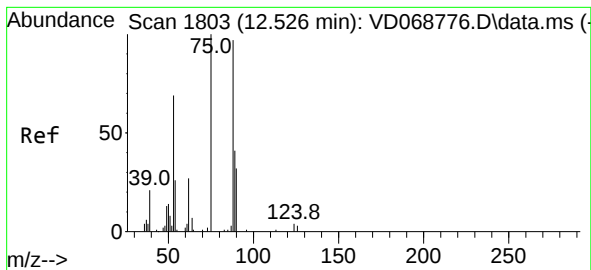
Tgt Ion:	152	Resp:	41234
Ion	Ratio	Lower	Upper
152	100		
115	58.0	29.3	87.8
150	158.6	0.0	347.6



#76
 1,2,3-Trichloropropane
 Concen: 42.82 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.153 min
 Lab File: VD068955.D
 Acq: 22 Apr 2021 16:19

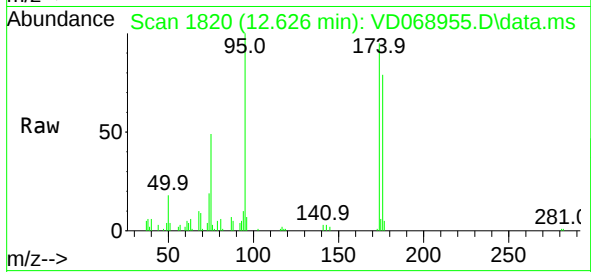
Tgt Ion:	75	Resp:	16131
Ion	Ratio	Lower	Upper
75	100		
77	0.9	0.0	0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 99.38 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.100 min
 Lab File: VD068955.D
 Acq: 22 Apr 2021 16:19

Instrument :
 MSVOA_D
 ClientSampleId :



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

