

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012021\
 Data File : VD068120.D
 Acq On : 20 Jan 2021 18:27
 Operator : VA/SY
 Sample : M1169-01
 Misc : 5.54G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-D

Quant Time: Jan 20 23:47:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

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

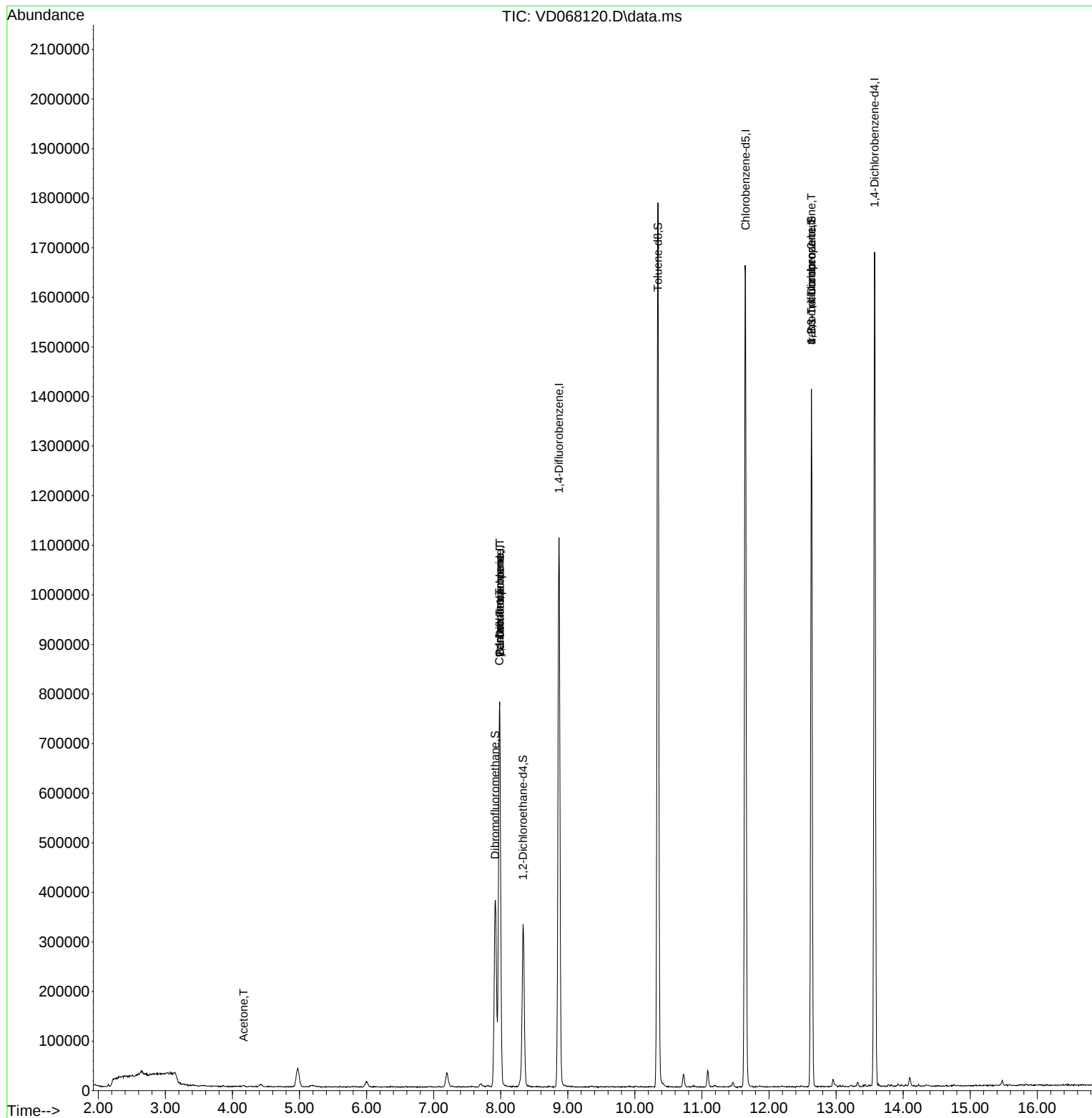
Internal Standards						
1) Pentafluorobenzene	7.985	168	587585	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	998996	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.650	117	986887	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	447335	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	262751	46.75	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 93.50%			
35) Dibromofluoromethane	7.914	113	286269	51.83	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.66%			
50) Toluene-d8	10.344	98	1254810	56.80	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 113.60%			
62) 4-Bromofluorobenzene	12.632	95	467199	58.73	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 117.46%			
Target Compounds						
11) Tert butyl alcohol	5.185	59	3996	Below Cal	#	84
16) Acetone	4.168	43	3155	3.14	ug/l #	48
31) Cyclohexane	7.979	56	12751	1.05	ug/l #	25
36) 1,1-Dichloropropene	7.985	75	48029	4.77	ug/l #	40
38) Carbon Tetrachloride	7.985	117	59419	6.30	ug/l #	15
76) 1,2,3-Trichloropropane	12.632	75	238035	55.03	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	238035	111.36	ug/l #	13

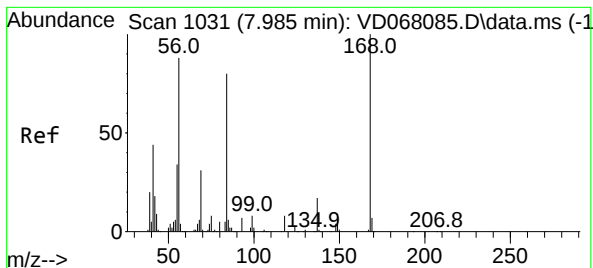
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

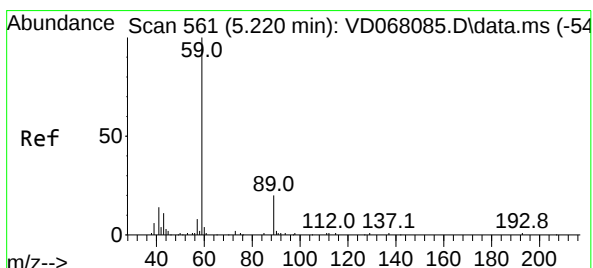
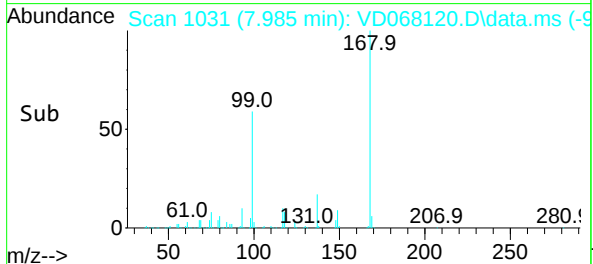
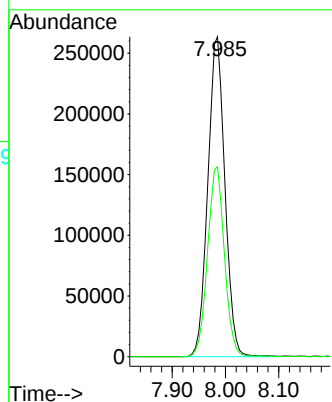
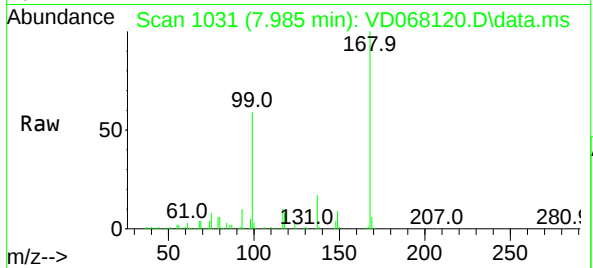




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD068120.D
Acq: 20 Jan 2021 18:27

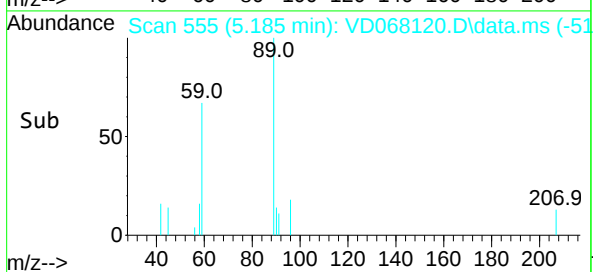
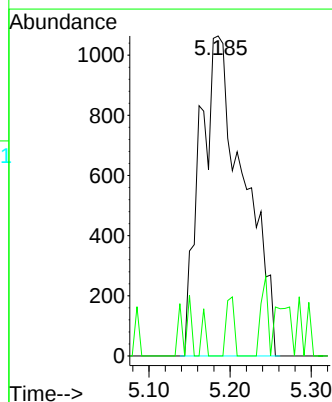
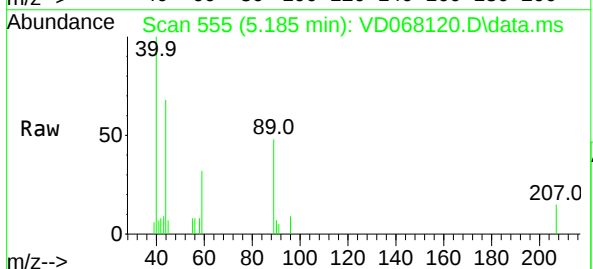
Instrument :
MSVOA_D
ClientSampleId :
TP-D

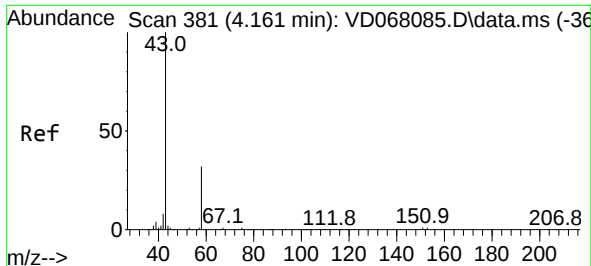
Tgt Ion:168 Resp: 587585
Ion Ratio Lower Upper
168 100
99 59.3 43.5 65.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.185 min Scan# 555
Delta R.T. -0.035 min
Lab File: VD068120.D
Acq: 20 Jan 2021 18:27

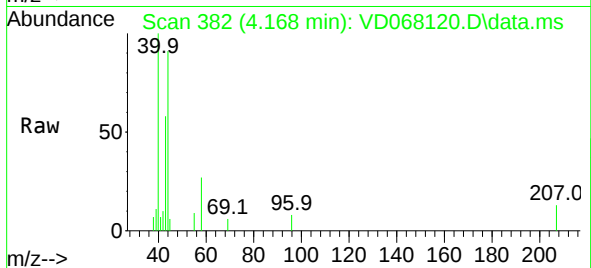
Tgt Ion: 59 Resp: 3996
Ion Ratio Lower Upper
59 100
57 3.4 7.4 11.2#



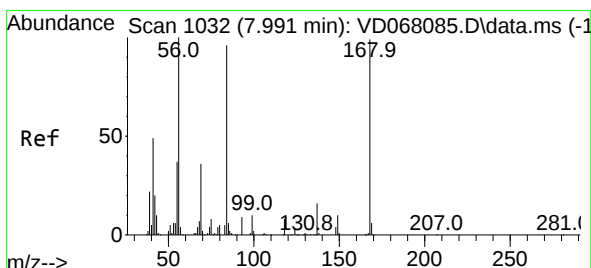
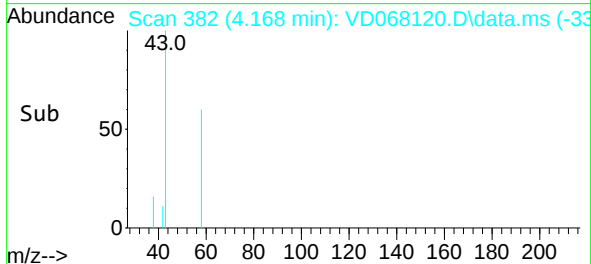
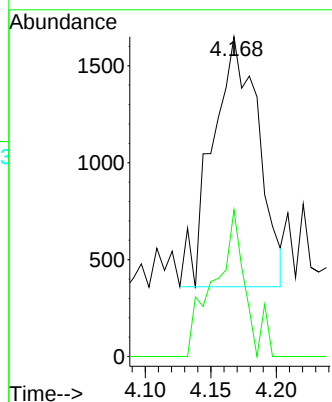


#16
Acetone
Concen: 3.14 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068120.D
Acq: 20 Jan 2021 18:27

Instrument :
MSVOA_D
ClientSampleId :
TP-D

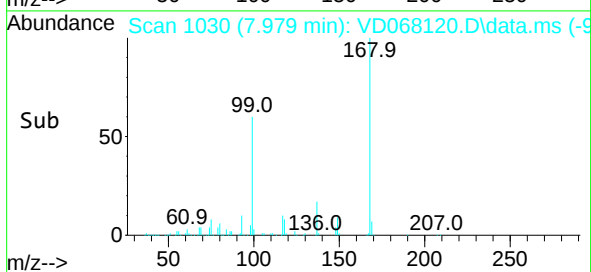
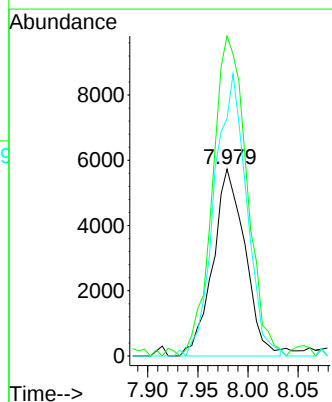
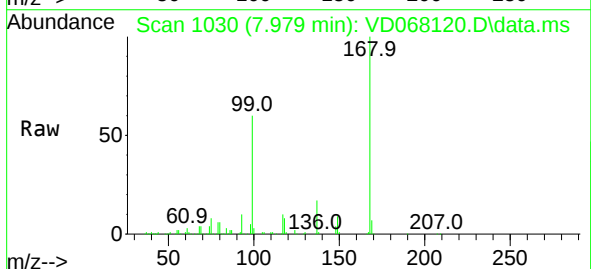


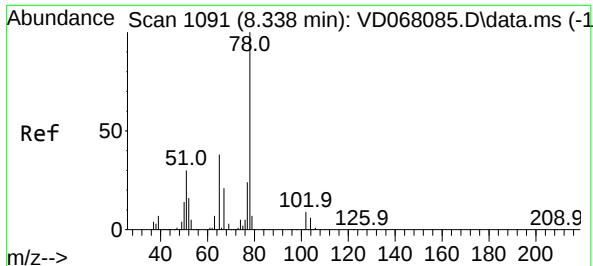
Tgt Ion: 43 Resp: 3155
Ion Ratio Lower Upper
43 100
58 58.7 24.2 36.4#



#31
Cyclohexane
Concen: 1.05 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.011 min
Lab File: VD068120.D
Acq: 20 Jan 2021 18:27

Tgt Ion: 56 Resp: 12751
Ion Ratio Lower Upper
56 100
69 171.3 30.1 45.1#
84 124.0 82.1 123.1#

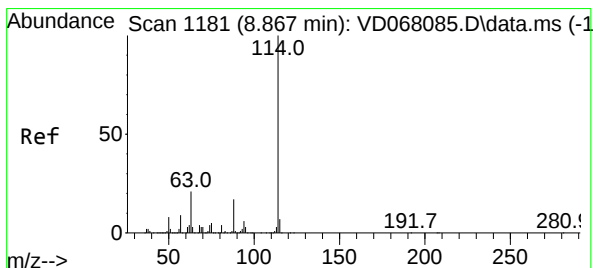
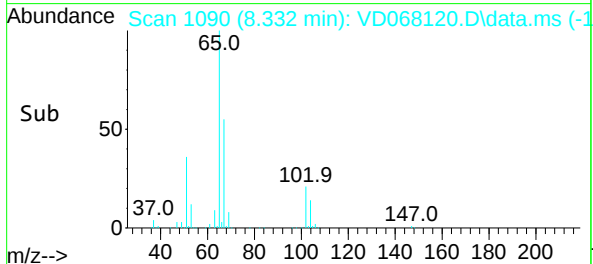
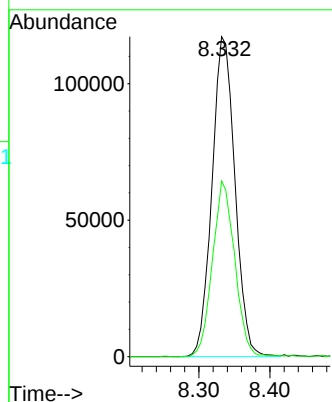
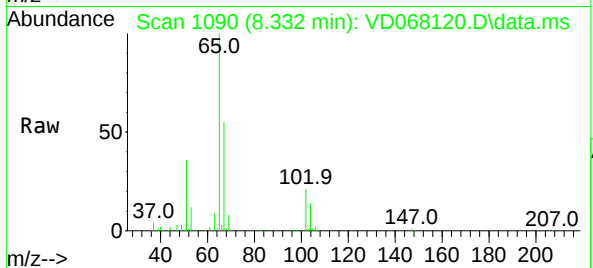




#33
1,2-Dichloroethane-d4
Concen: 46.75 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068120.D
Acq: 20 Jan 2021 18:27

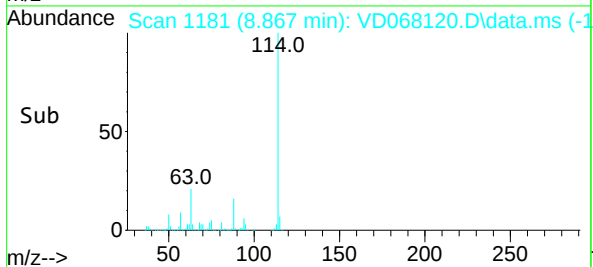
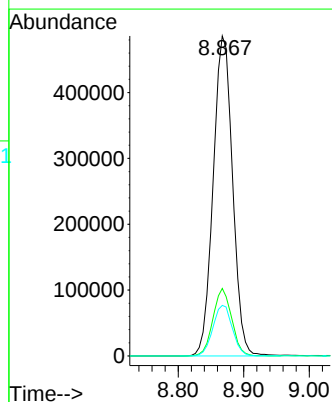
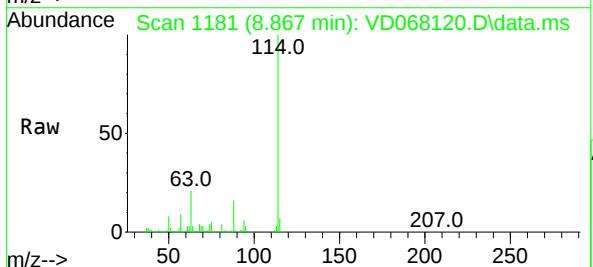
Instrument :
MSVOA_D
ClientSampled :
TP-D

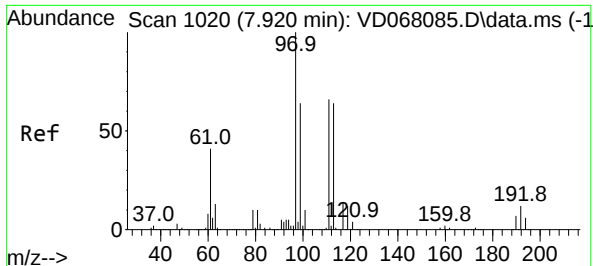
Tgt Ion: 65 Resp: 262751
Ion Ratio Lower Upper
65 100
67 53.3 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068120.D
Acq: 20 Jan 2021 18:27

Tgt Ion: 114 Resp: 998996
Ion Ratio Lower Upper
114 100
63 21.1 0.0 34.8
88 15.8 0.0 31.6





#35

Dibromofluoromethane

Concen: 51.83 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD068120.D

Acq: 20 Jan 2021 18:27

Tgt Ion:113 Resp: 286269

Ion Ratio Lower Upper

113 100

111 101.9 81.4 122.0

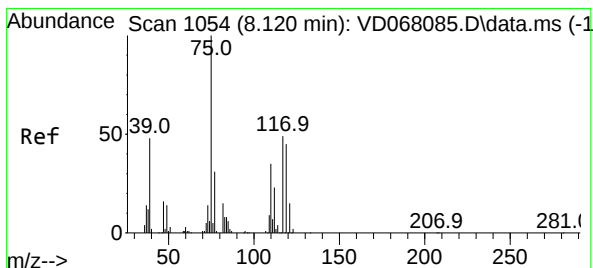
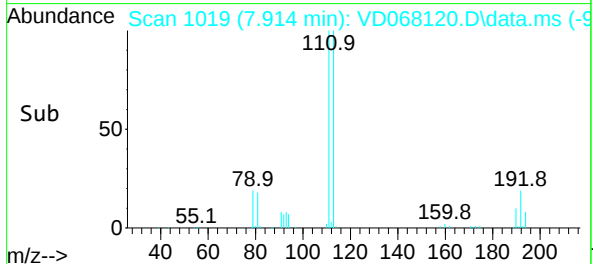
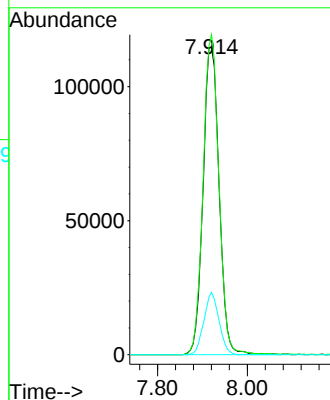
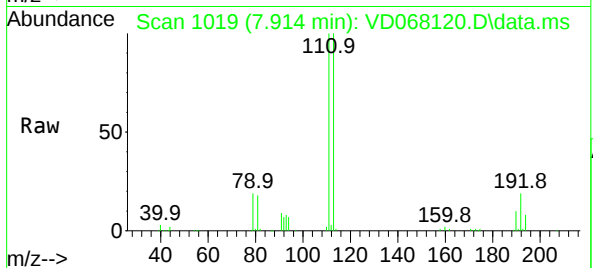
192 18.9 16.1 24.1

Instrument :

MSVOA_D

ClientSampled :

TP-D



#36

1,1-Dichloropropene

Concen: 4.77 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.135 min

Lab File: VD068120.D

Acq: 20 Jan 2021 18:27

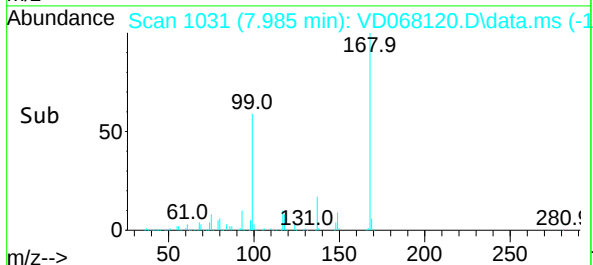
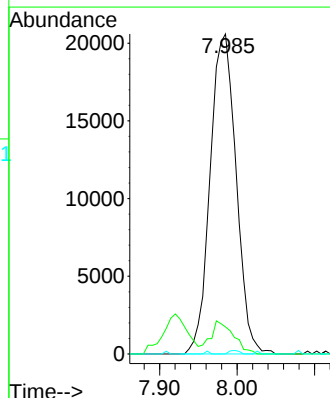
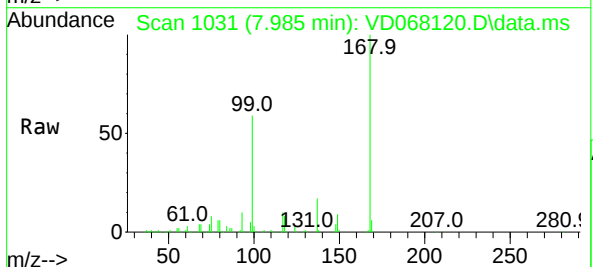
Tgt Ion: 75 Resp: 48029

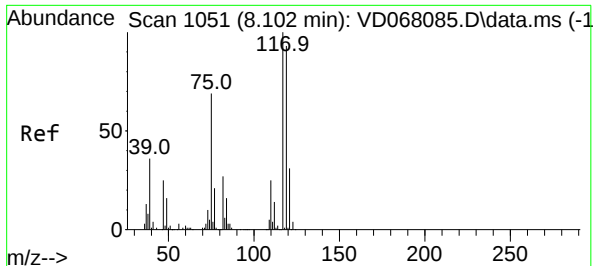
Ion Ratio Lower Upper

75 100

110 0.0 19.4 58.2#

77 0.4 25.3 37.9#

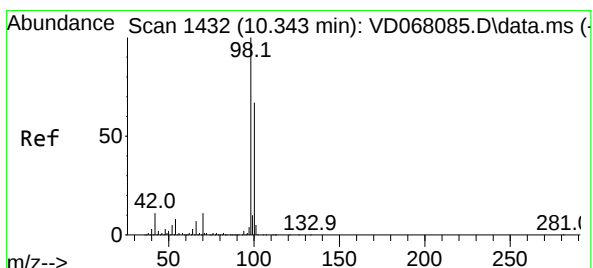
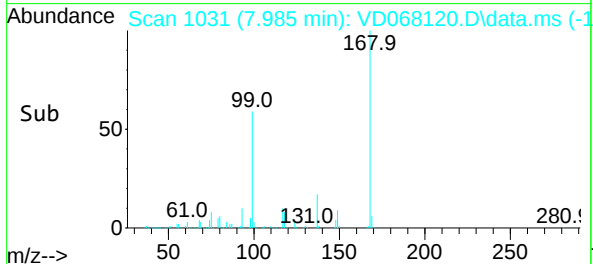
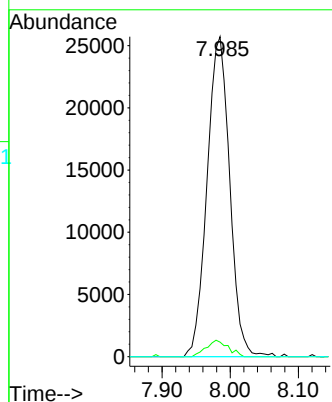
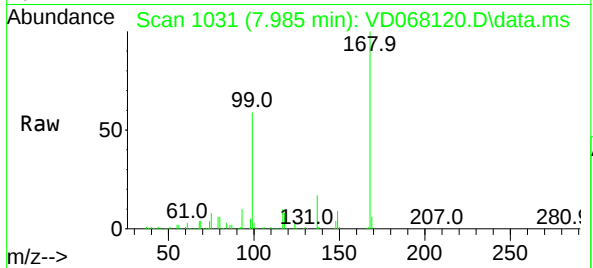




#38
Carbon Tetrachloride
Concen: 6.30 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.117 min
Lab File: VD068120.D
Acq: 20 Jan 2021 18:27

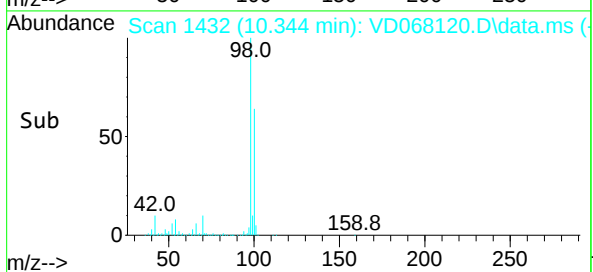
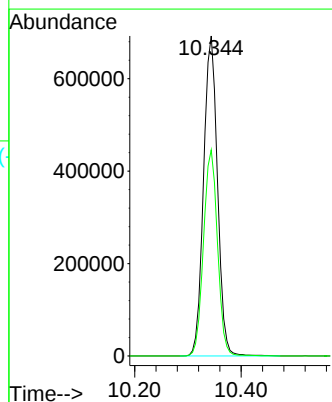
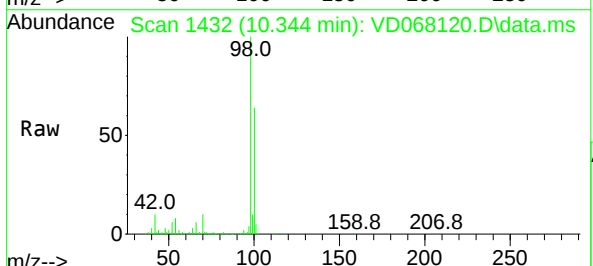
Instrument :
MSVOA_D
ClientSampled :
TP-D

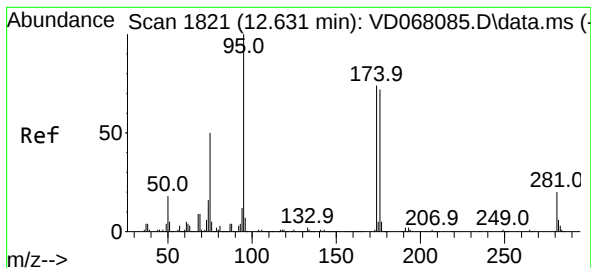
Tgt Ion:117 Resp: 59419
Ion Ratio Lower Upper
117 100
119 4.5 77.3 115.9#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 56.80 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068120.D
Acq: 20 Jan 2021 18:27

Tgt Ion: 98 Resp: 1254810
Ion Ratio Lower Upper
98 100
100 64.8 53.0 79.4

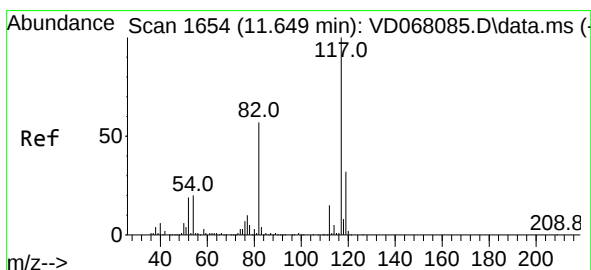
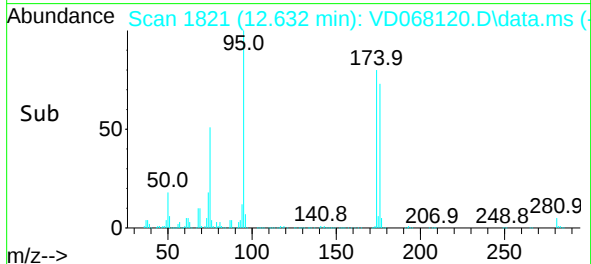
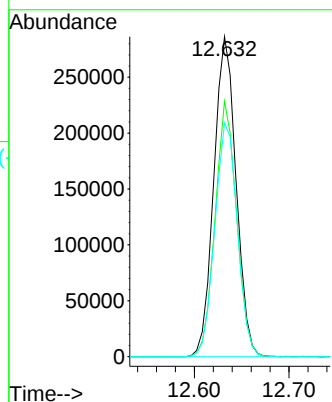
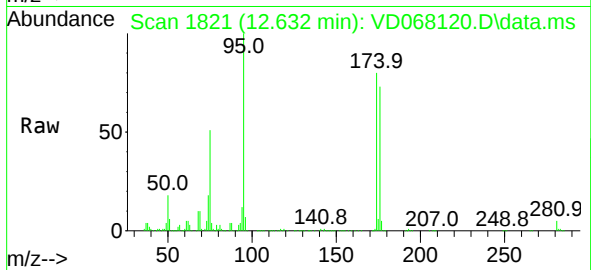




#62
4-Bromofluorobenzene
Concen: 58.73 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068120.D
Acq: 20 Jan 2021 18:27

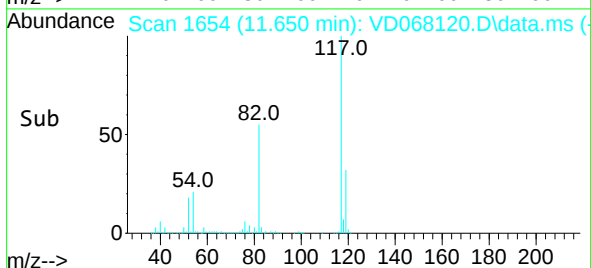
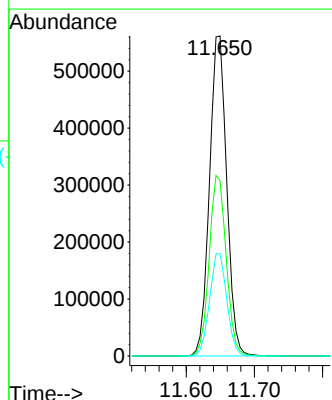
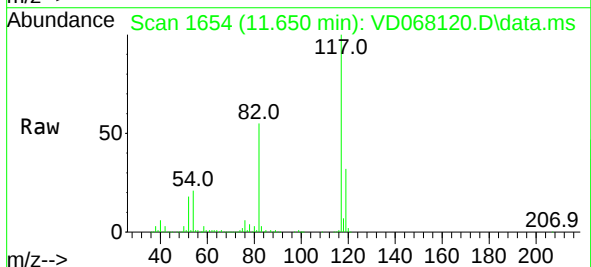
Instrument :
MSVOA_D
ClientSampleId :
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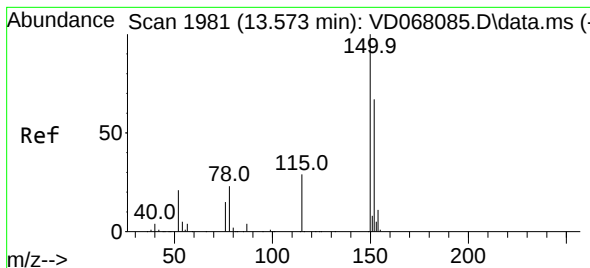
Tgt Ion: 95 Resp: 467199
Ion Ratio Lower Upper
95 100
174 77.2 0.0 172.4
176 74.2 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.650 min Scan# 1654
Delta R.T. 0.001 min
Lab File: VD068120.D
Acq: 20 Jan 2021 18:27

Tgt Ion: 117 Resp: 986887
Ion Ratio Lower Upper
117 100
82 54.8 41.4 62.0
119 32.0 26.1 39.1

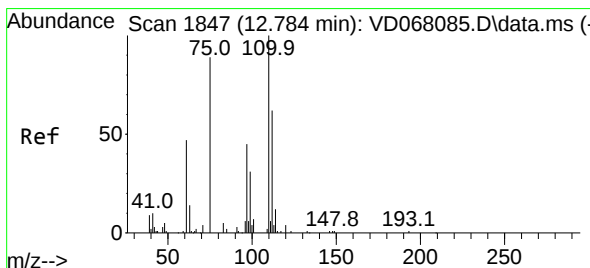
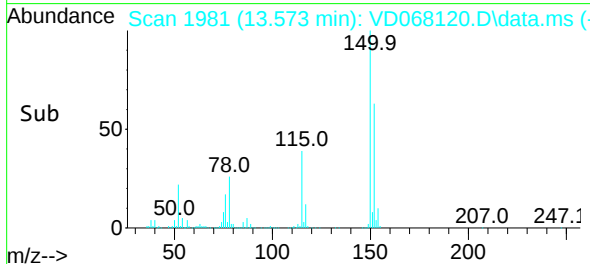
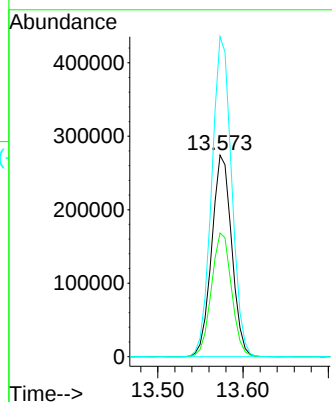
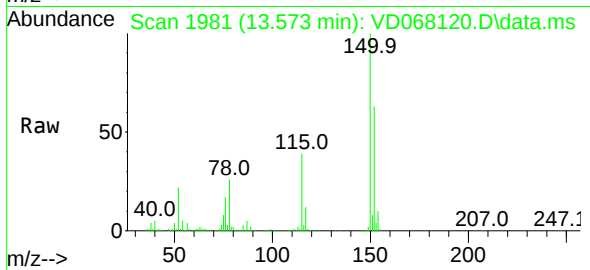




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.573 min Scan# 1981
 Delta R.T. 0.000 min
 Lab File: VD068120.D
 Acq: 20 Jan 2021 18:27

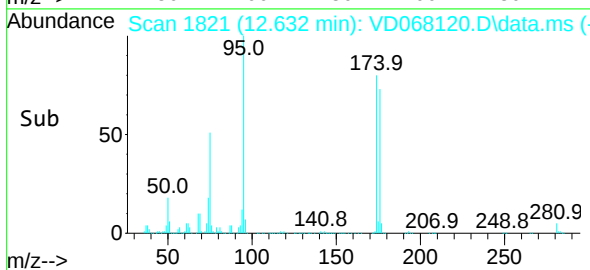
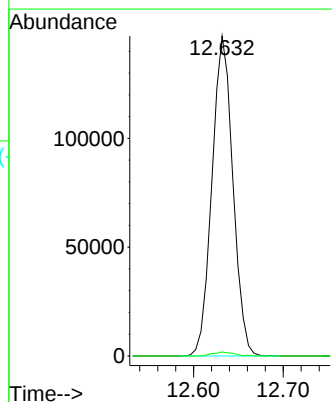
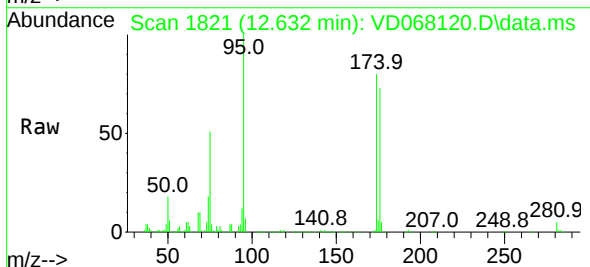
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-D

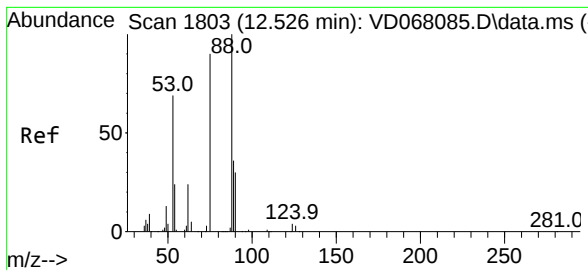
Tgt Ion:152 Resp: 447335
 Ion Ratio Lower Upper
 152 100
 115 61.7 28.9 86.8
 150 158.0 0.0 344.4



#76
 1,2,3-Trichloropropane
 Concen: 55.03 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. -0.153 min
 Lab File: VD068120.D
 Acq: 20 Jan 2021 18:27

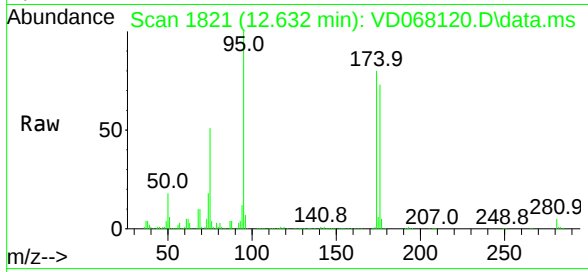
Tgt Ion: 75 Resp: 238035
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 111.36 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068120.D
 Acq: 20 Jan 2021 18:27

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-D



Tgt Ion: 75 Resp: 238035
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.2 105.2#
 89 0.1 40.3 60.5#

