

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041521\
 Data File : VD068860.D
 Acq On : 15 Apr 2021 17:09
 Operator : VA/SY
 Sample : M2049-12
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 16 01:10:02 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)

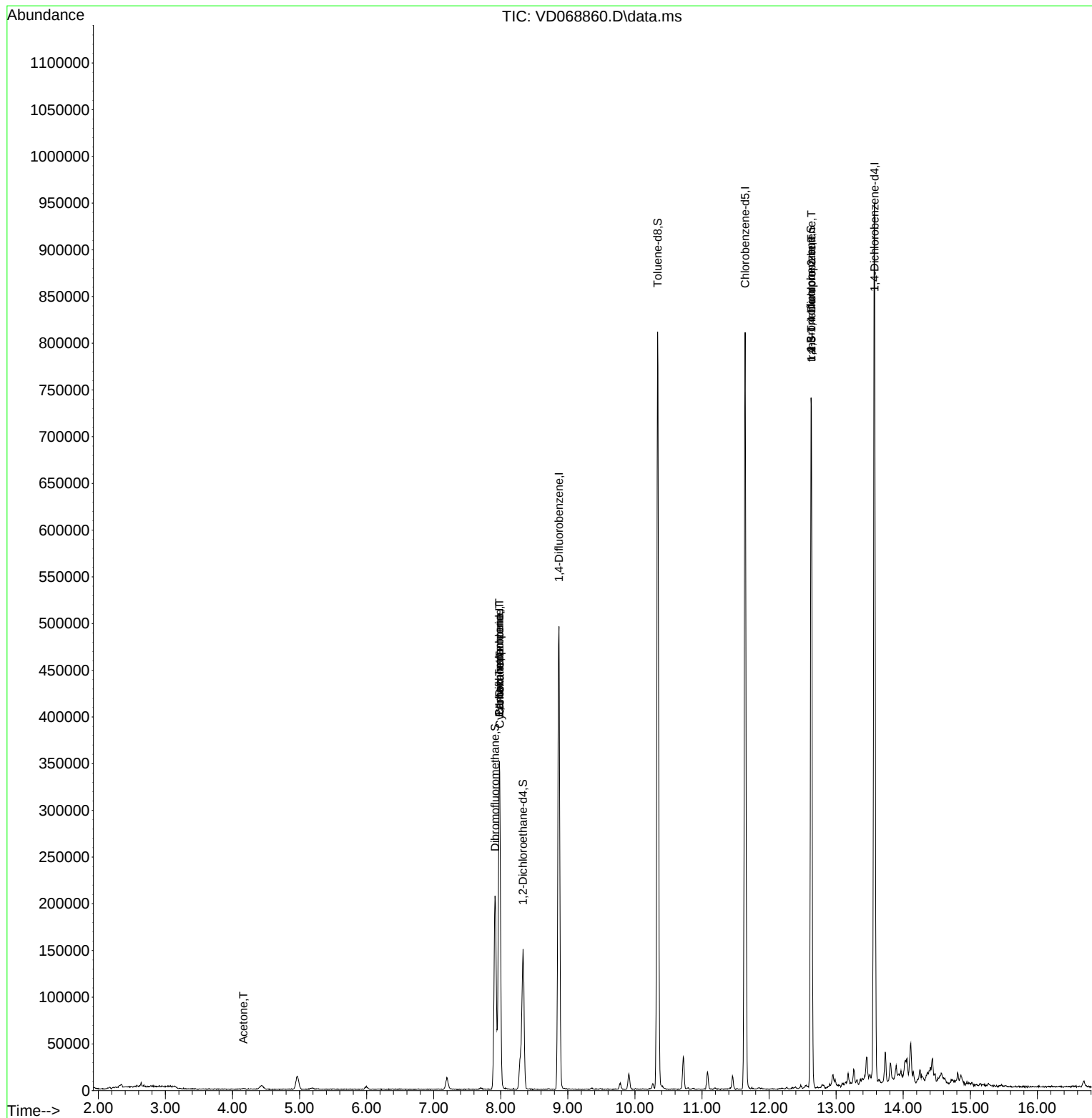
Internal Standards						
1) Pentafluorobenzene	7.979	168	271658	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	454507	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	498855	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	273272	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	116378	40.54	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	81.08%		
35) Dibromofluoromethane	7.914	113	150791	51.01	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	102.02%		
50) Toluene-d8	10.338	98	576666	51.71	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	103.42%		
62) 4-Bromofluorobenzene	12.626	95	239626	64.70	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	129.40%		
Target Compounds						
11) Tert butyl alcohol	5.220	59	442	Below Cal	#	73
16) Acetone	4.162	43	1228	3.09	ug/l	98
20) Methylene Chloride	4.956	84	12673	Below Cal	#	86
31) Cyclohexane	7.985	56	5751	1.20	ug/l	# 15
36) 1,1-Dichloropropene	7.979	75	20049	4.36	ug/l	# 48
38) Carbon Tetrachloride	7.979	117	26771	5.88	ug/l	# 17
76) 1,2,3-Trichloropropane	12.632	75	117820	47.19	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.632	75	117820	109.52	ug/l	# 16

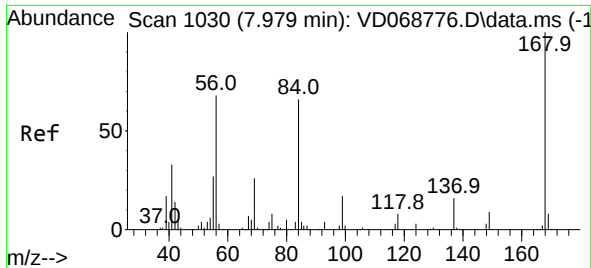
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampleId :

Quant Time: Apr 16 01:10:02 2021
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Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 2021
Response via : Initial Calibration

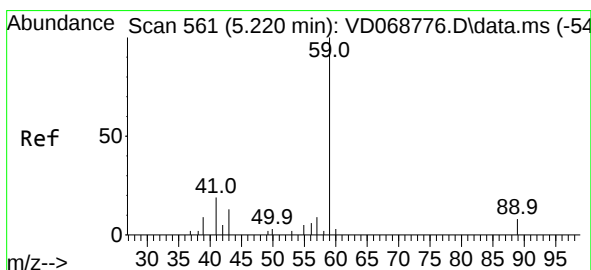
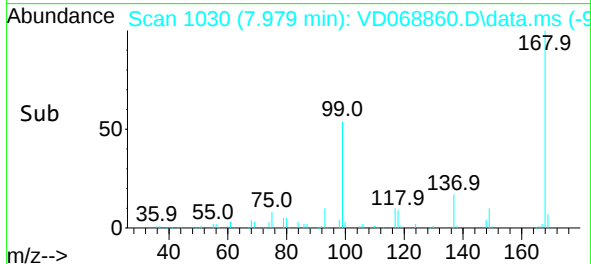
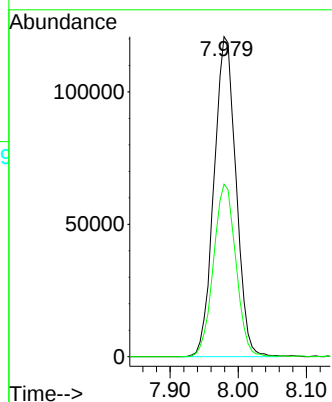
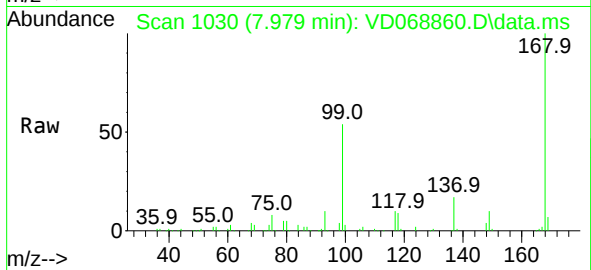




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068860.D
Acq: 15 Apr 2021 17:09

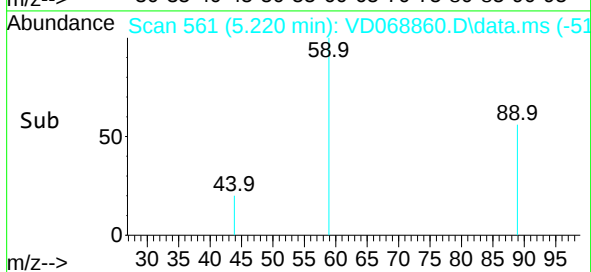
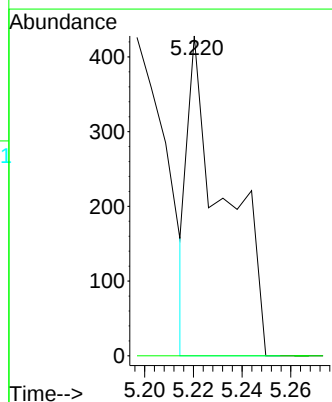
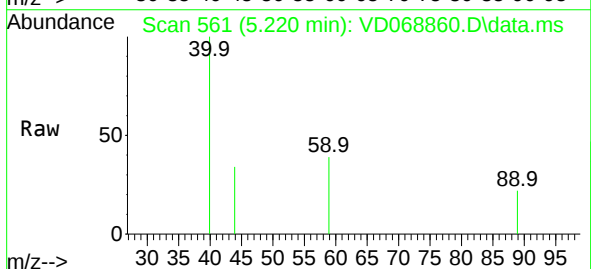
Instrument :
MSVOA_D
ClientSampled :

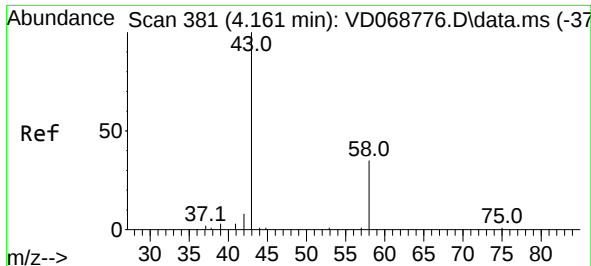
Tgt Ion:168 Resp: 271658
Ion Ratio Lower Upper
168 100
99 53.9 46.2 69.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.220 min Scan# 561
Delta R.T. 0.000 min
Lab File: VD068860.D
Acq: 15 Apr 2021 17:09

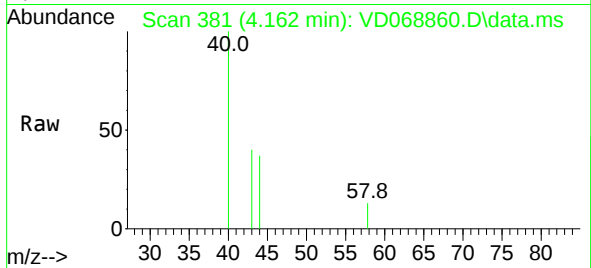
Tgt Ion: 59 Resp: 442
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



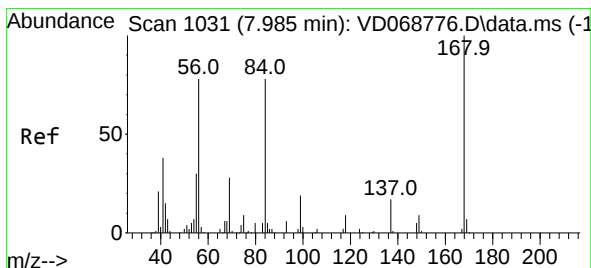
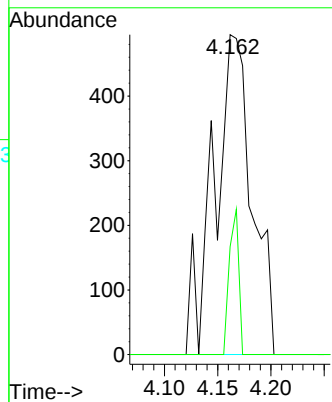
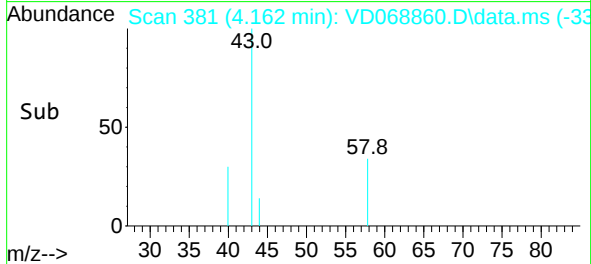


#16
Acetone
Concen: 3.09 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.001 min
Lab File: VD068860.D
Acq: 15 Apr 2021 17:09

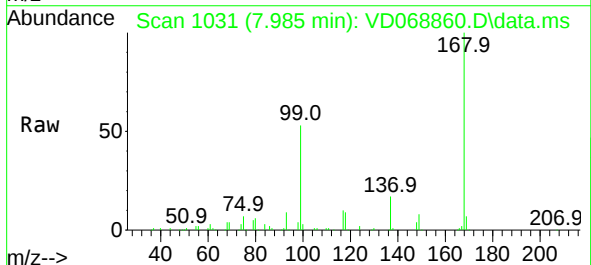
Instrument :
MSVOA_D
ClientSampled :



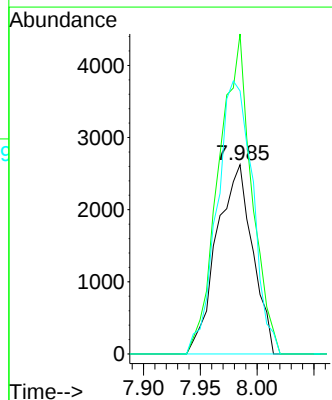
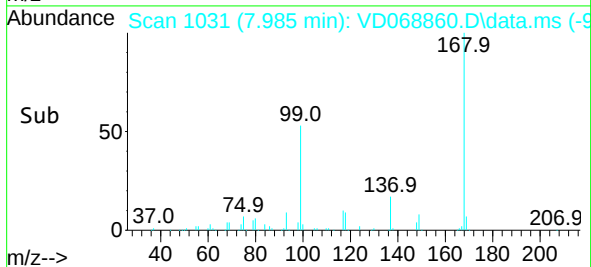
Tgt Ion: 43 Resp: 1228
Ion Ratio Lower Upper
43 100
58 33.7 28.0 42.0

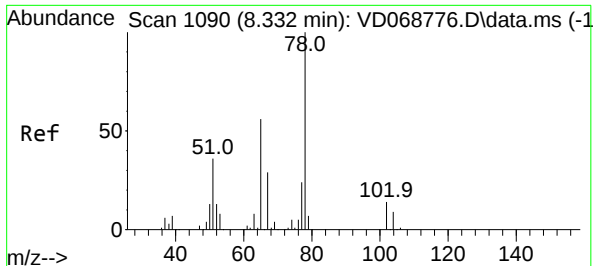


#31
Cyclohexane
Concen: 1.20 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068860.D
Acq: 15 Apr 2021 17:09



Tgt Ion: 56 Resp: 5751
Ion Ratio Lower Upper
56 100
69 169.0 30.0 45.0#
84 138.9 82.0 123.0#

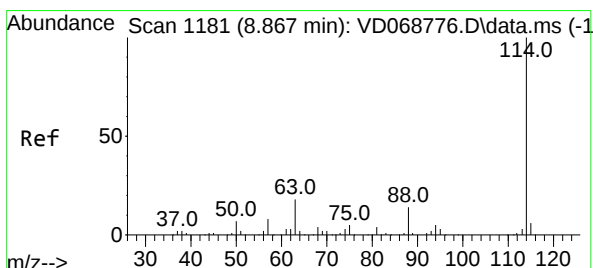
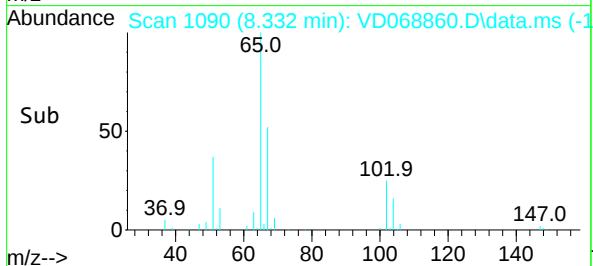
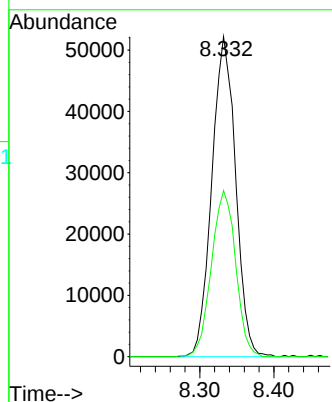
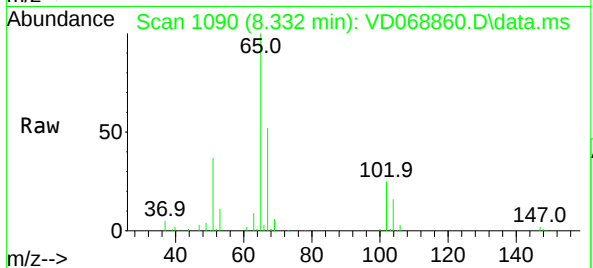




#33
1,2-Dichloroethane-d4
Concen: 40.54 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068860.D
Acq: 15 Apr 2021 17:09

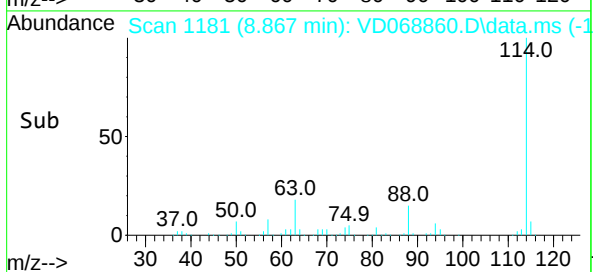
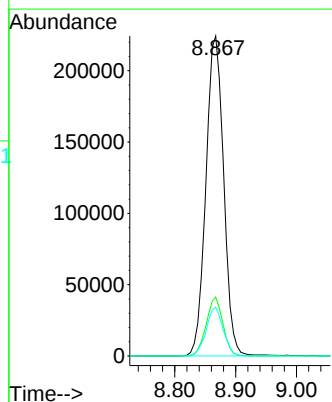
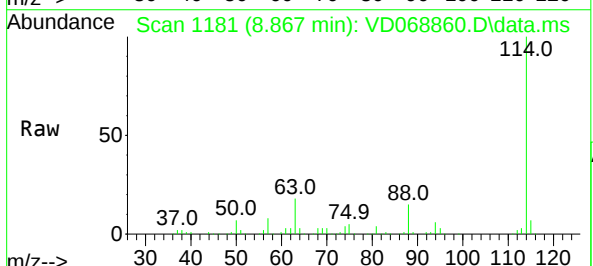
Instrument :
MSVOA_D
ClientSampled :

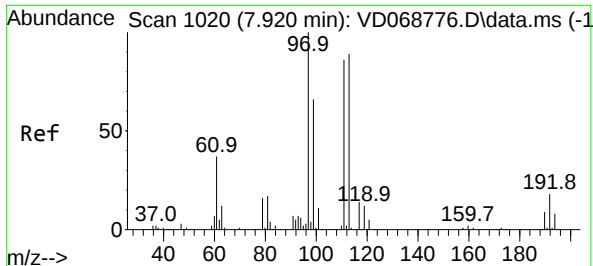
Tgt Ion: 65 Resp: 116378
Ion Ratio Lower Upper
65 100
67 52.8 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068860.D
Acq: 15 Apr 2021 17:09

Tgt Ion: 114 Resp: 454507
Ion Ratio Lower Upper
114 100
63 18.4 0.0 38.2
88 15.3 0.0 29.4





#35

Dibromofluoromethane

Concen: 51.01 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD068860.D

Acq: 15 Apr 2021 17:09

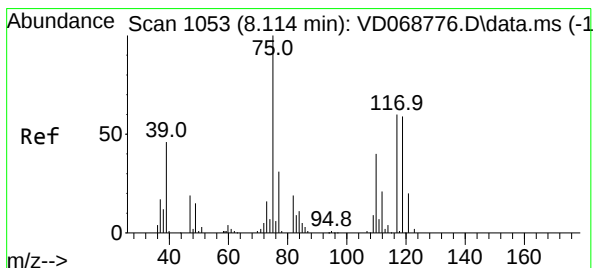
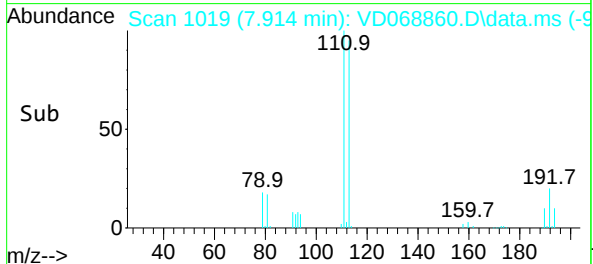
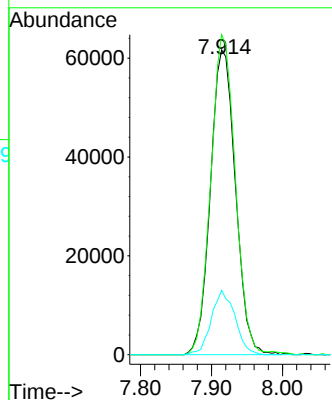
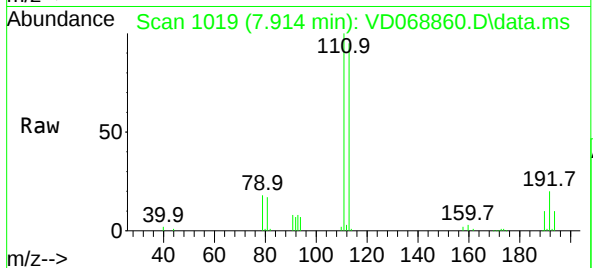
Tgt Ion:113 Resp: 150791

Ion Ratio Lower Upper

113 100

111 103.5 82.5 123.7

192 20.0 15.1 22.7



#36

1,1-Dichloropropene

Concen: 4.36 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.135 min

Lab File: VD068860.D

Acq: 15 Apr 2021 17:09

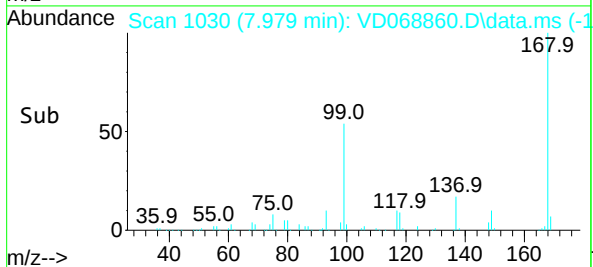
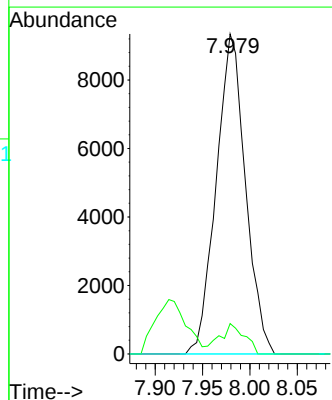
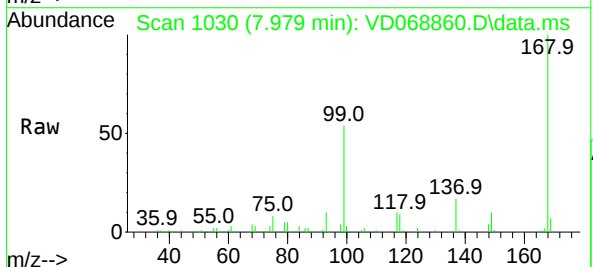
Tgt Ion: 75 Resp: 20049

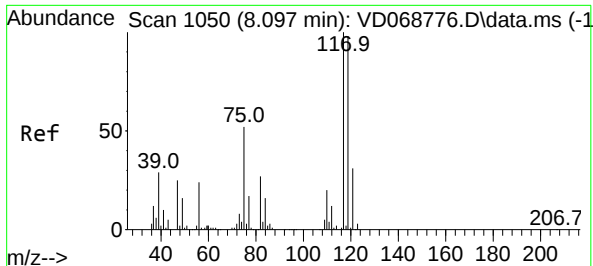
Ion Ratio Lower Upper

75 100

110 7.8 18.1 54.4#

77 0.0 24.7 37.1#

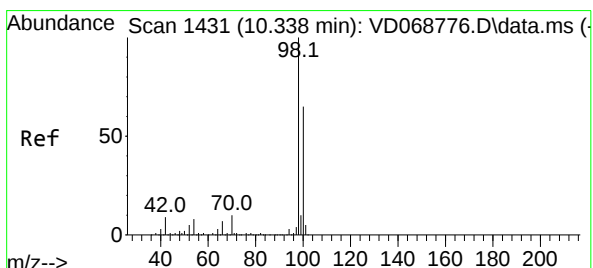
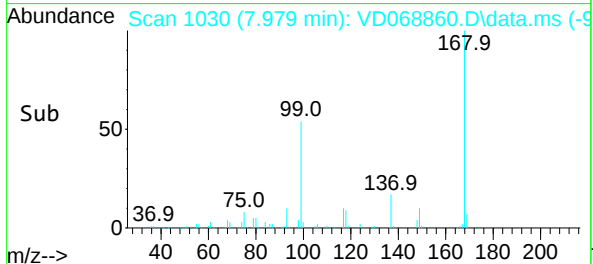
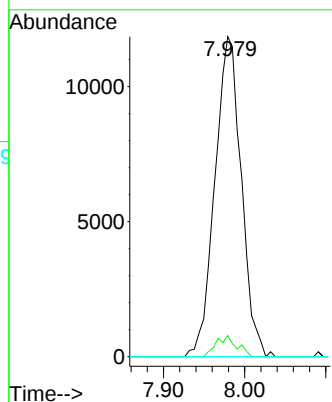
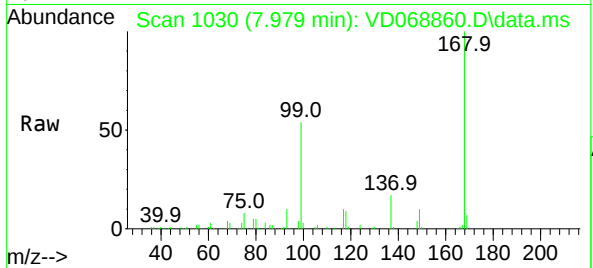




#38
Carbon Tetrachloride
Concen: 5.88 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD068860.D
Acq: 15 Apr 2021 17:09

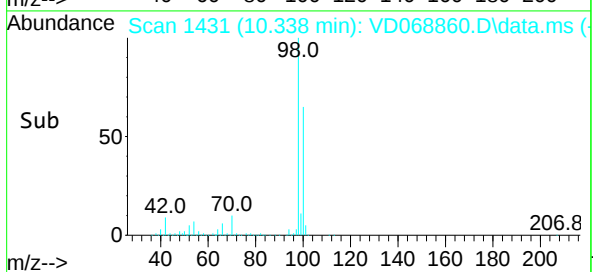
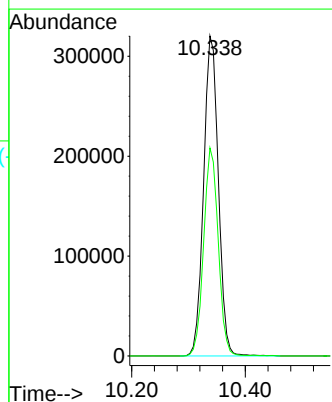
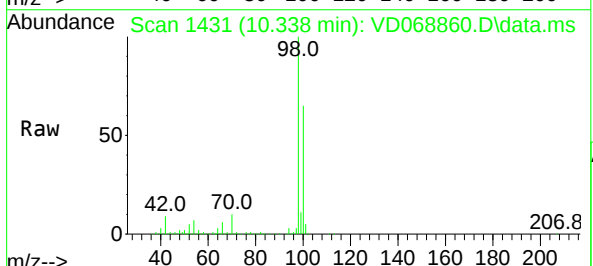
Instrument :
MSVOA_D
ClientSampleId :

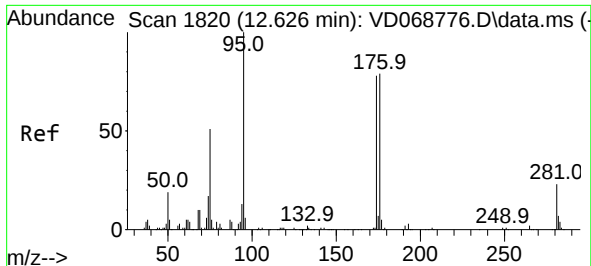
Tgt Ion:117 Resp: 26771
Ion Ratio Lower Upper
117 100
119 6.6 76.6 115.0#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 51.71 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068860.D
Acq: 15 Apr 2021 17:09

Tgt Ion: 98 Resp: 576666
Ion Ratio Lower Upper
98 100
100 64.1 51.8 77.6

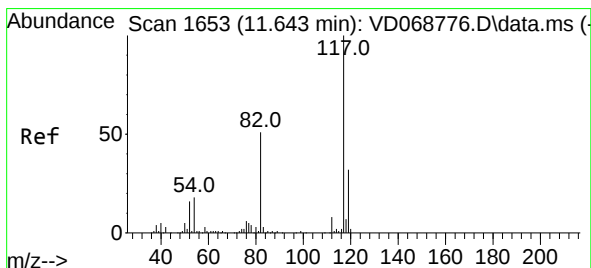
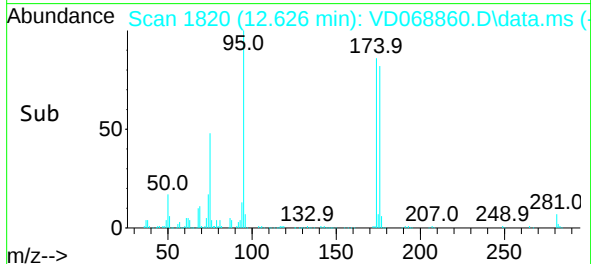
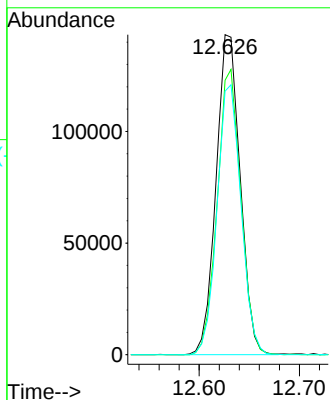
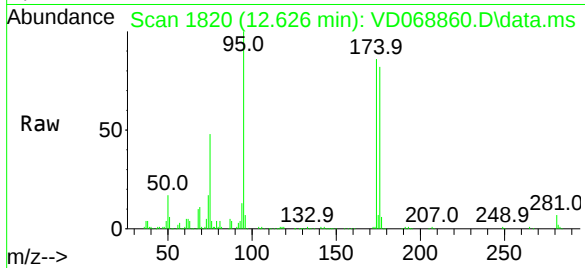




#62
4-Bromofluorobenzene
Concen: 64.70 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD068860.D
Acq: 15 Apr 2021 17:09

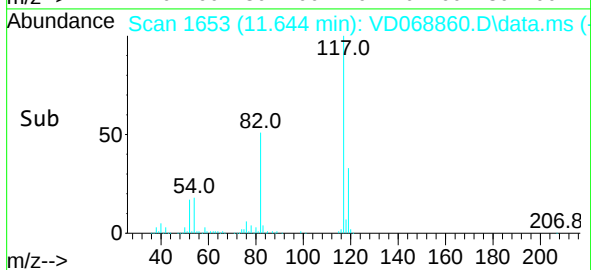
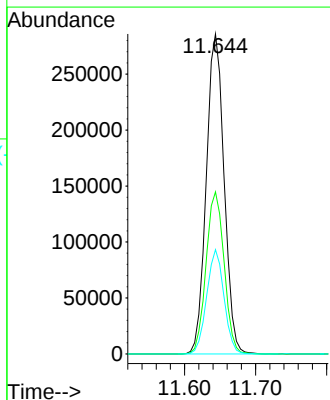
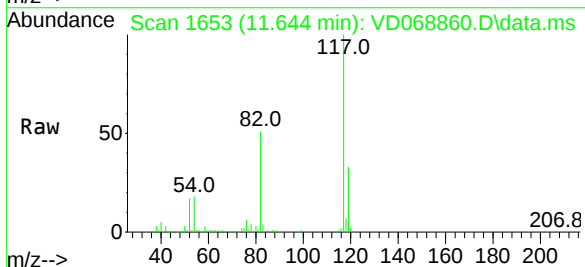
Instrument :
MSVOA_D
ClientSampleId :

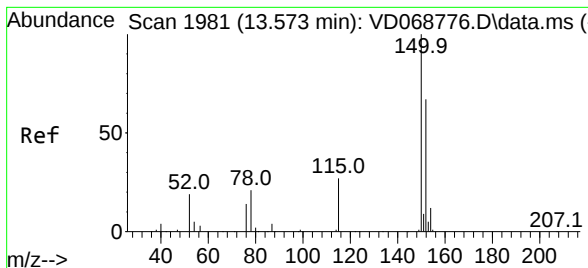
Tgt Ion: 95 Resp: 239626
Ion Ratio Lower Upper
95 100
174 87.2 0.0 168.0
176 83.7 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068860.D
Acq: 15 Apr 2021 17:09

Tgt Ion:117 Resp: 498855
Ion Ratio Lower Upper
117 100
82 50.6 43.5 65.3
119 32.6 26.7 40.1

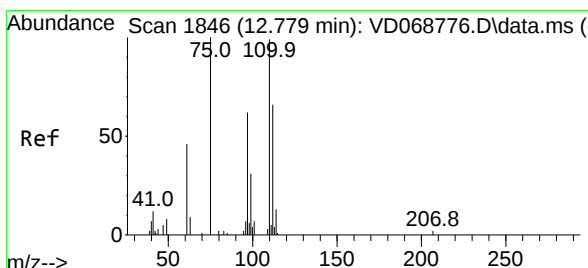
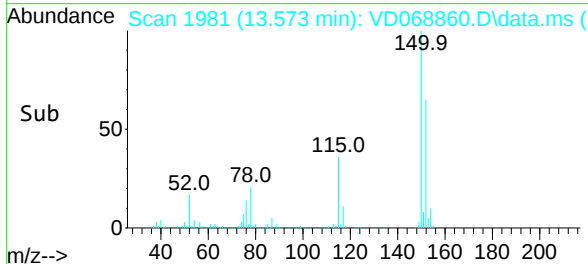
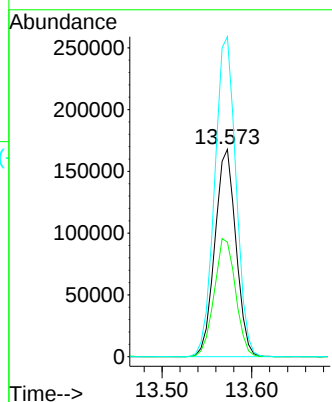
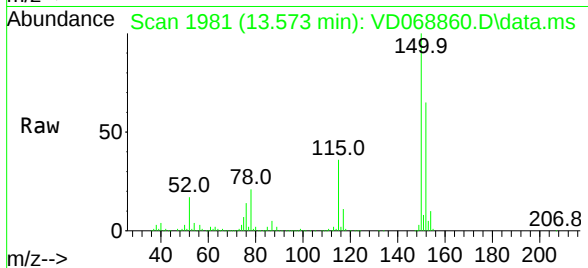




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068860.D
Acq: 15 Apr 2021 17:09

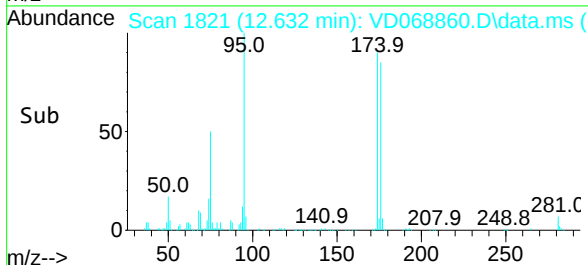
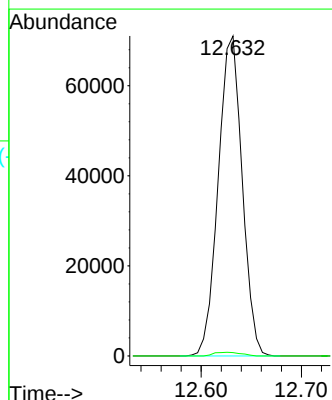
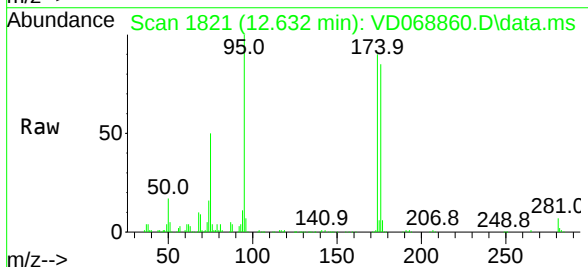
Instrument :
MSVOA_D
ClientSampled :

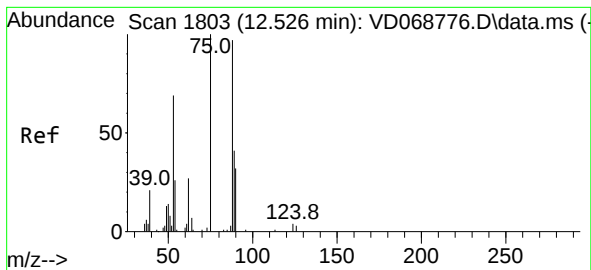
Tgt Ion:152 Resp: 273272
Ion Ratio Lower Upper
152 100
115 57.8 29.3 87.8
150 156.0 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 47.19 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD068860.D
Acq: 15 Apr 2021 17:09

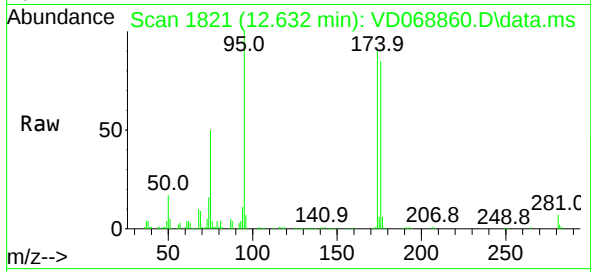
Tgt Ion: 75 Resp: 117820
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 109.52 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068860.D
Acq: 15 Apr 2021 17:09

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 75 Resp: 117820
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.0 36.6 54.8#

