

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD033121\
 Data File : VD068743.D
 Acq On : 31 Mar 2021 17:34
 Operator : VA/SY
 Sample : M1836-07RE
 Misc : 11.26G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 01 00:46:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 20 02:00:55 2021
 Response via : Initial Calibration

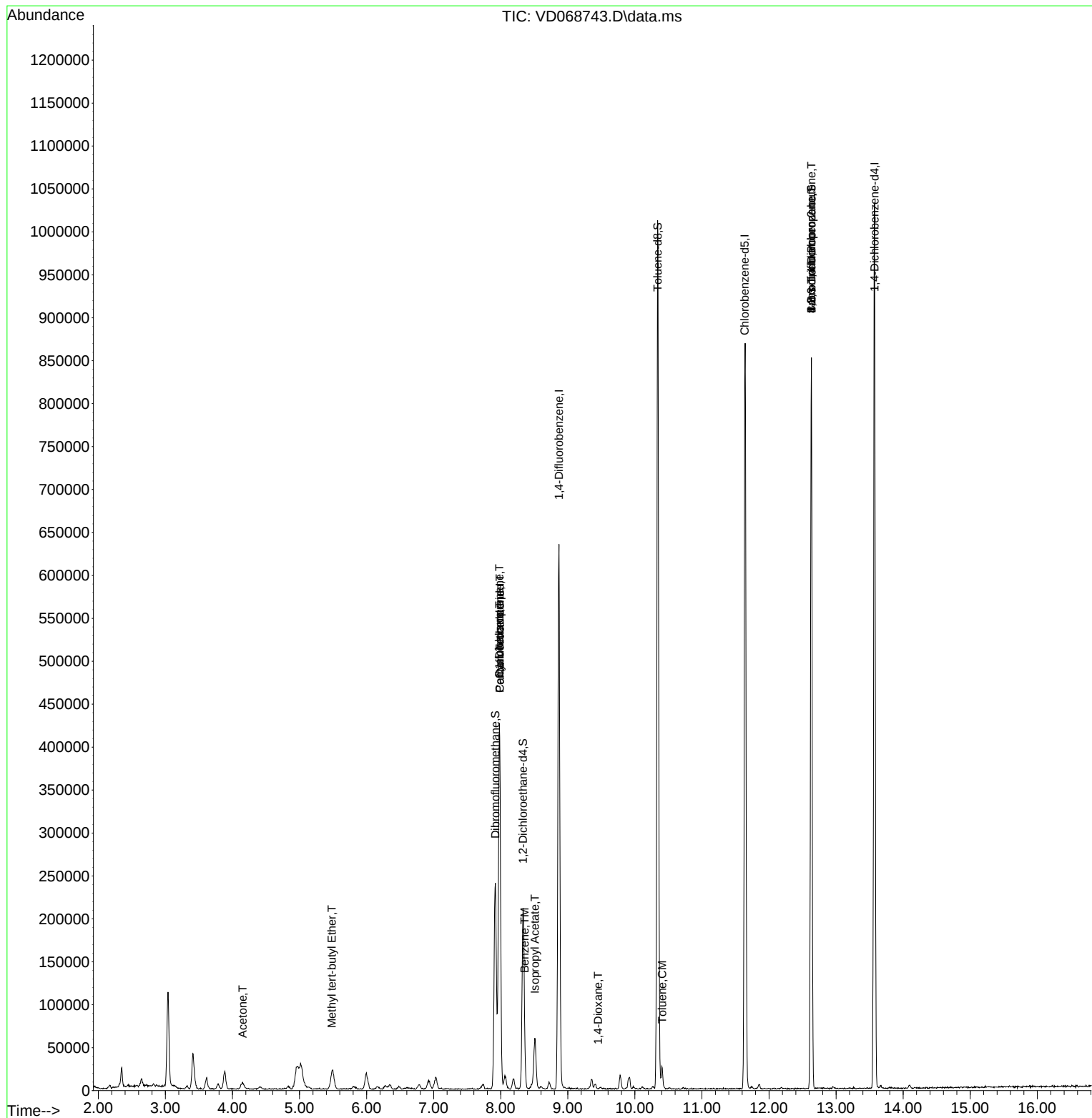
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.985	168	316097	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	572548	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	539591	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	277213	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	165347	51.88	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.76%	
35) Dibromofluoromethane	7.920	113	177526	49.83	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.66%	
50) Toluene-d8	10.338	98	713043	51.92	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.84%	
62) 4-Bromofluorobenzene	12.632	95	254415	57.13	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 114.26%	
Target Compounds						
13) Acrolein	3.885	56	572	Below Cal	#	1
16) Acetone	4.150	43	9031	23.35	ug/l	# 79
19) Methyl tert-butyl Ether	5.479	73	9627	1.53	ug/l	# 1
20) Methylene Chloride	4.962	84	13339	Below Cal		88
31) Cyclohexane	7.979	56	11655	2.27	ug/l	# 49
36) 1,1-Dichloropropene	7.979	75	23490	4.59	ug/l	# 49
38) Carbon Tetrachloride	7.985	117	32231	6.32	ug/l	# 17
40) Benzene	8.356	78	21063	1.41	ug/l	# 90
43) Isopropyl Acetate	8.509	43	9973	3.22	ug/l	# 45
49) 1,4-Dioxane	9.450	88	55	2.44	ug/l	# 25
52) Toluene	10.408	92	9803	1.04	ug/l	96
71) Bromoform	12.632	173	2333	1.16	ug/l	# 1
76) 1,2,3-Trichloropropane	12.632	75	129425	56.09	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.632	75	129425	127.62	ug/l	# 16

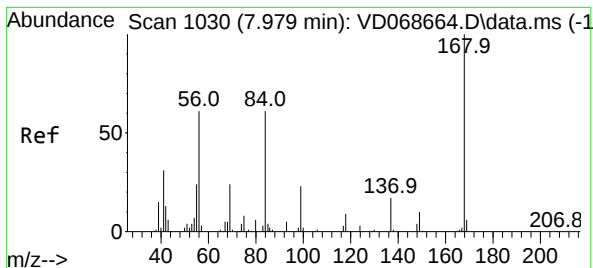
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 01 00:46:01 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 20 02:00:55 2021
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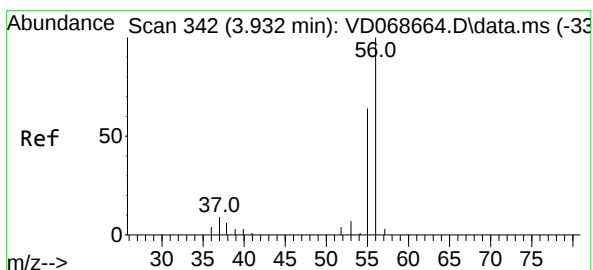
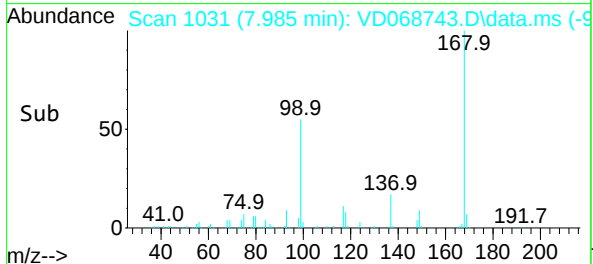
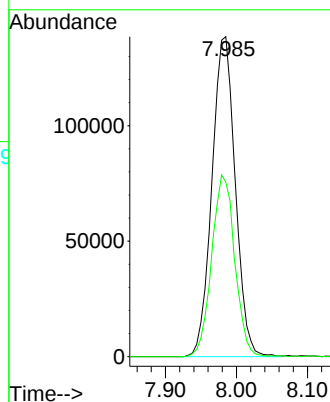
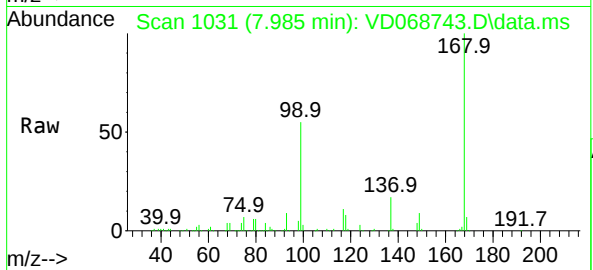




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068743.D
Acq: 31 Mar 2021 17:34

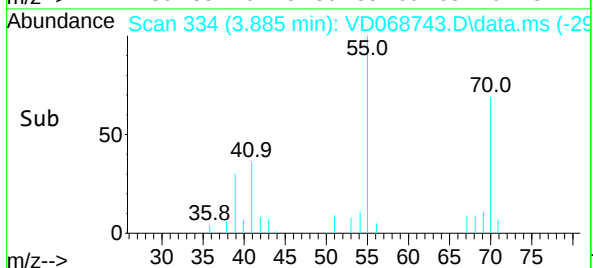
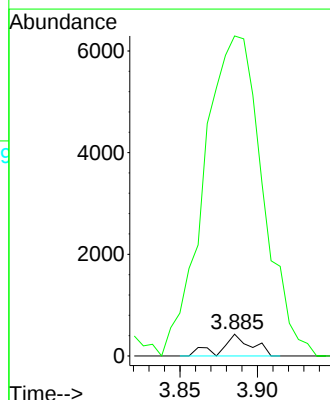
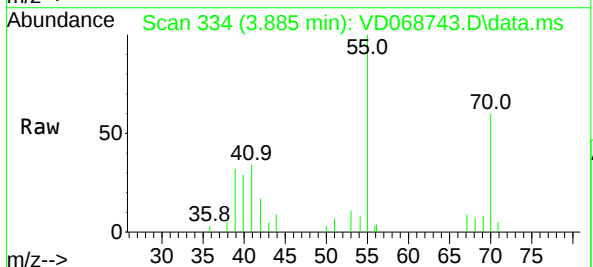
Instrument :
MSVOA_D
ClientSampled :

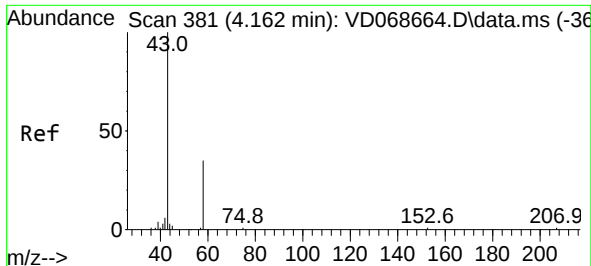
Tgt Ion:168 Resp: 316097
Ion Ratio Lower Upper
168 100
99 54.6 46.2 69.2



#13
Acrolein
Concen: Below Cal
RT: 3.885 min Scan# 334
Delta R.T. -0.047 min
Lab File: VD068743.D
Acq: 31 Mar 2021 17:34

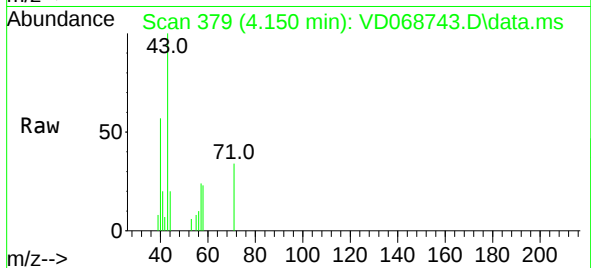
Tgt Ion: 56 Resp: 572
Ion Ratio Lower Upper
56 100
55 2899.5 54.7 82.1#



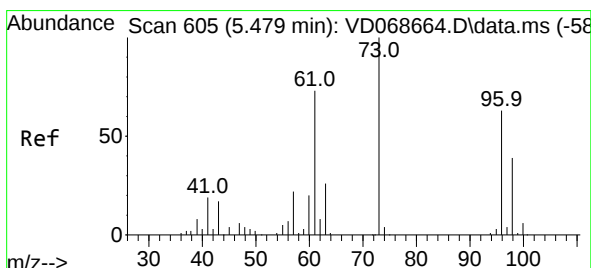
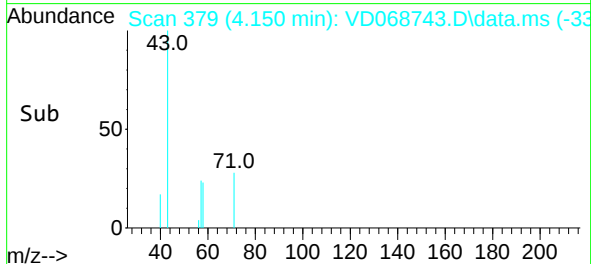
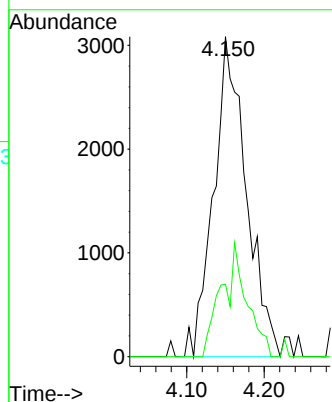


#16
Acetone
Concen: 23.35 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.012 min
Lab File: VD068743.D
Acq: 31 Mar 2021 17:34

Instrument :
MSVOA_D
ClientSampled :

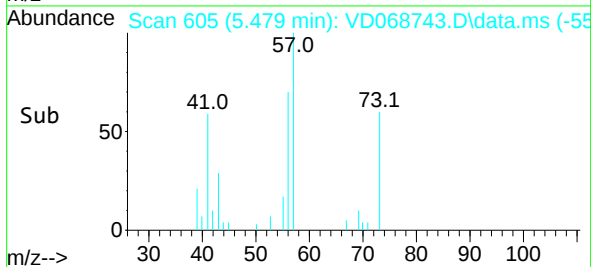
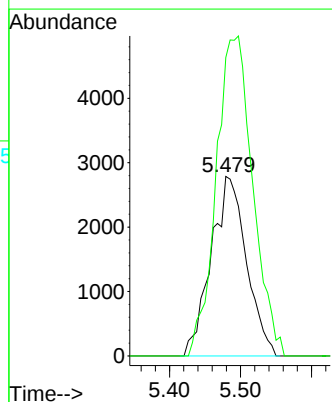
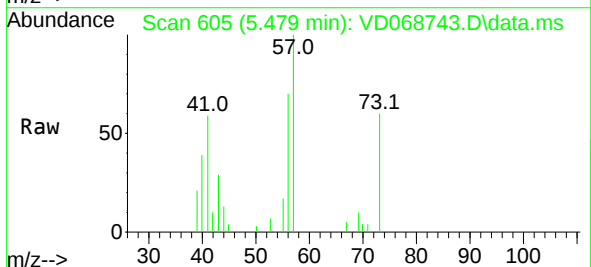


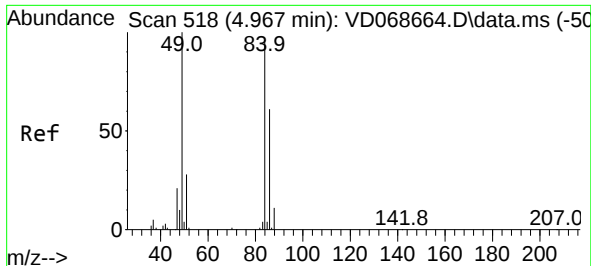
Tgt Ion: 43 Resp: 9031
Ion Ratio Lower Upper
43 100
58 22.6 28.0 42.0#



#19
Methyl tert-butyl Ether
Concen: 1.53 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.000 min
Lab File: VD068743.D
Acq: 31 Mar 2021 17:34

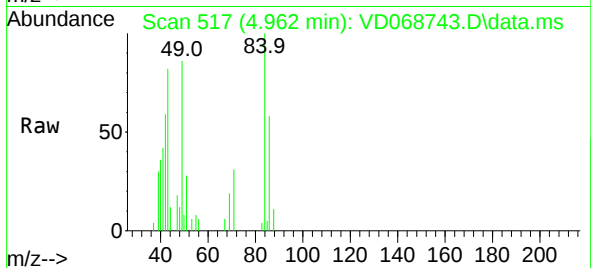
Tgt Ion: 73 Resp: 9627
Ion Ratio Lower Upper
73 100
57 166.2 17.3 25.9#



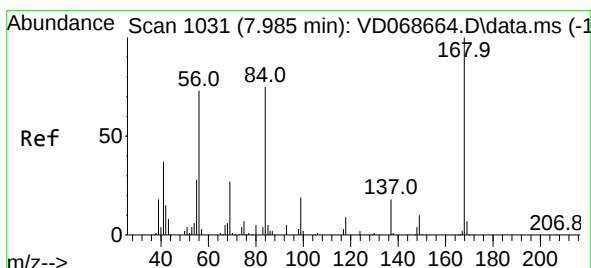
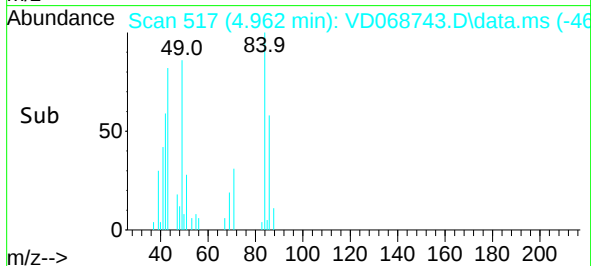
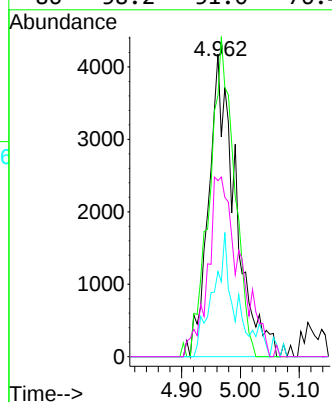


#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.005 min
Lab File: VD068743.D
Acq: 31 Mar 2021 17:34

Instrument :
MSVOA_D
ClientSampled :

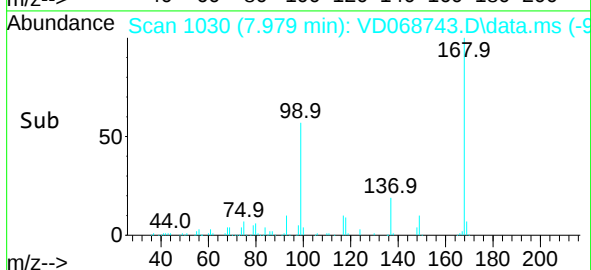
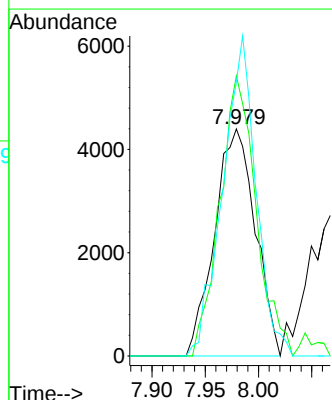
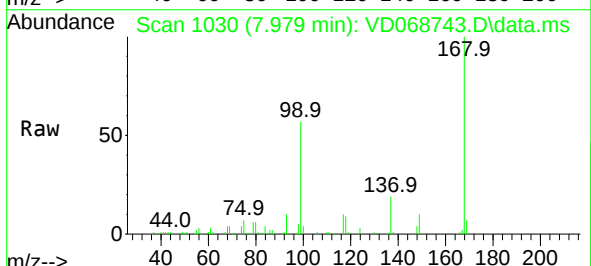


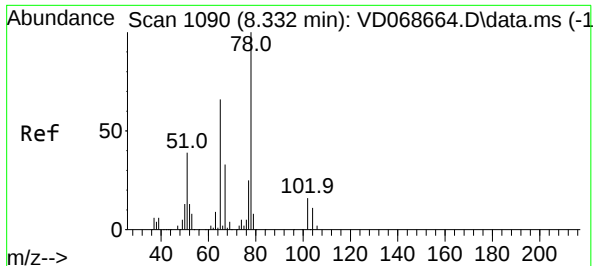
Tgt Ion:	84	Resp:	13339
Ion	Ratio	Lower	Upper
84	100		
49	86.3	83.4	125.0
51	28.1	23.4	35.2
86	58.2	51.0	76.4



#31
Cyclohexane
Concen: 2.27 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068743.D
Acq: 31 Mar 2021 17:34

Tgt Ion:	56	Resp:	11655
Ion	Ratio	Lower	Upper
56	100		
69	123.4	30.0	45.0#
84	120.6	82.0	123.0

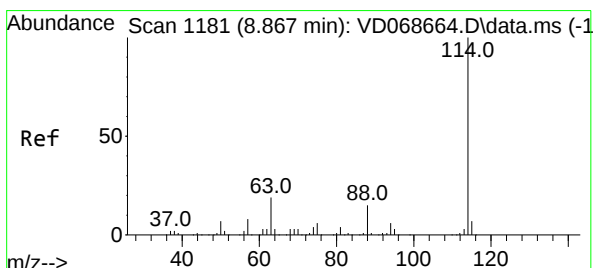
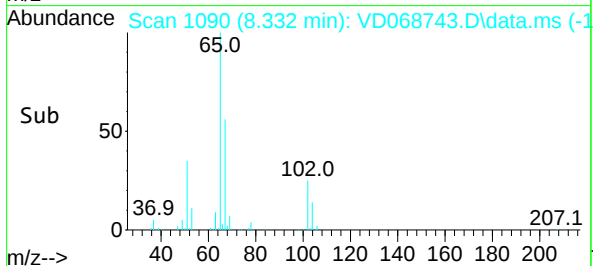
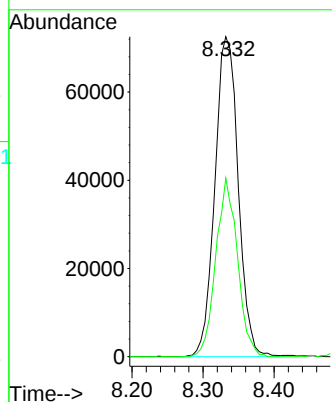
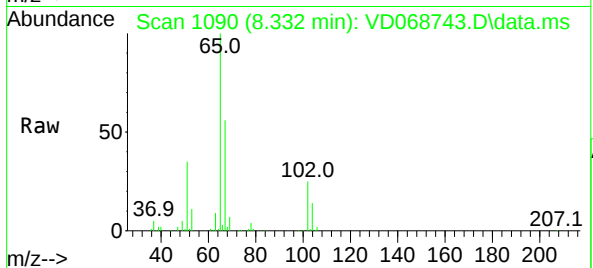




#33
1,2-Dichloroethane-d4
Concen: 51.88 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068743.D
Acq: 31 Mar 2021 17:34

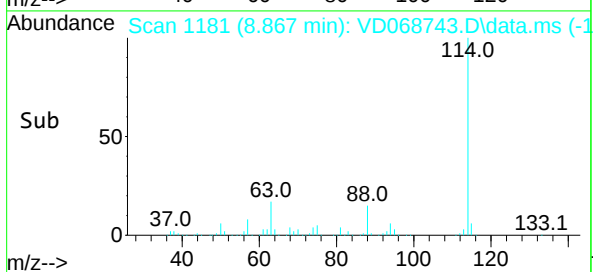
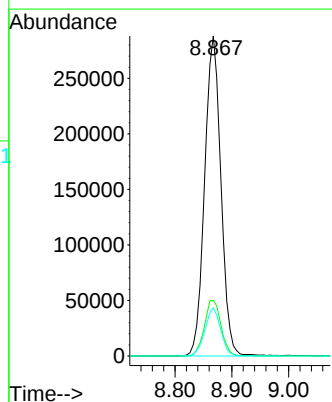
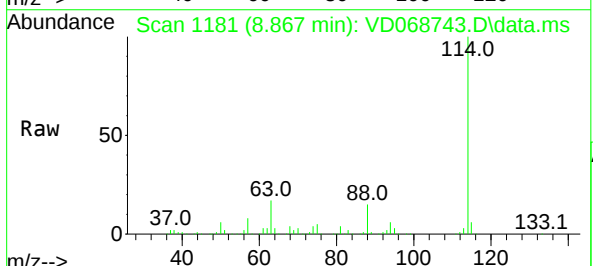
Instrument :
MSVOA_D
ClientSampleId :

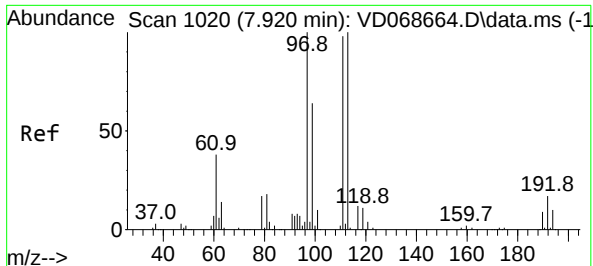
Tgt Ion: 65 Resp: 165347
Ion Ratio Lower Upper
65 100
67 51.7 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068743.D
Acq: 31 Mar 2021 17:34

Tgt Ion: 114 Resp: 572548
Ion Ratio Lower Upper
114 100
63 17.4 0.0 38.2
88 15.0 0.0 29.4



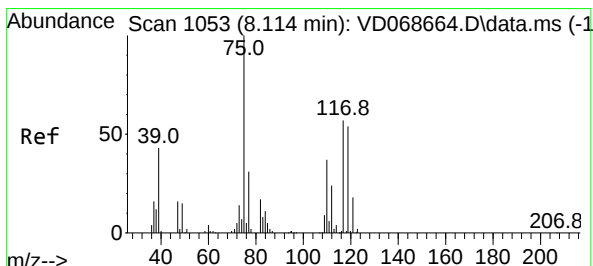
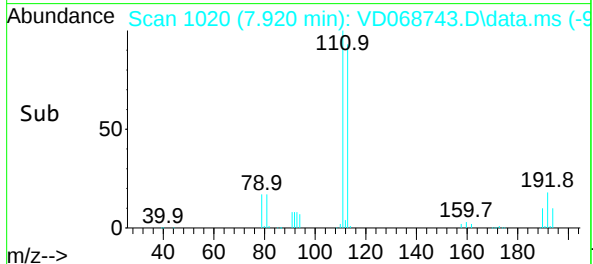
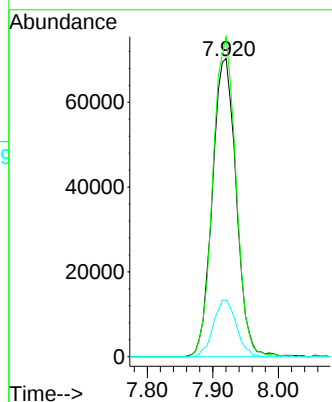
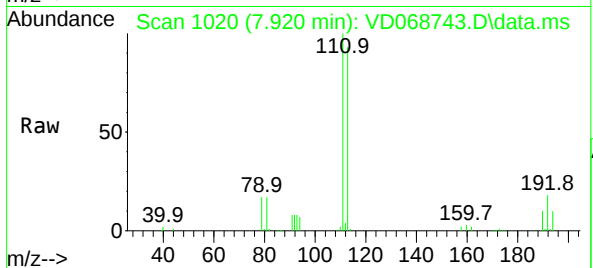


#35

Dibromofluoromethane
Concen: 49.83 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068743.D
Acq: 31 Mar 2021 17:34

Instrument :
MSVOA_D
ClientSampled :

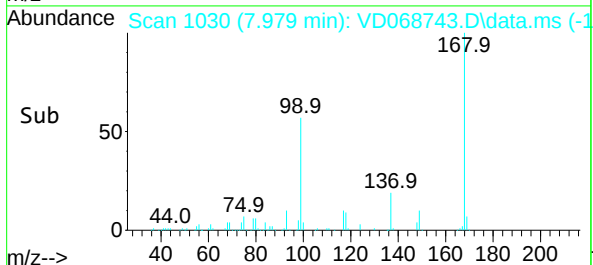
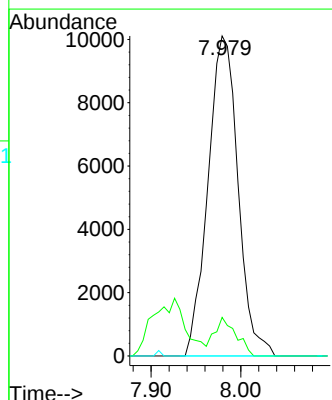
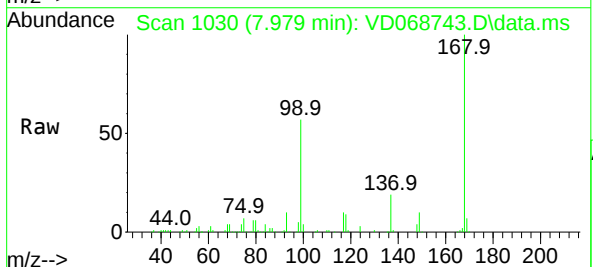
Tgt Ion:113 Resp: 177526
Ion Ratio Lower Upper
113 100
111 103.9 82.5 123.7
192 18.3 15.1 22.7

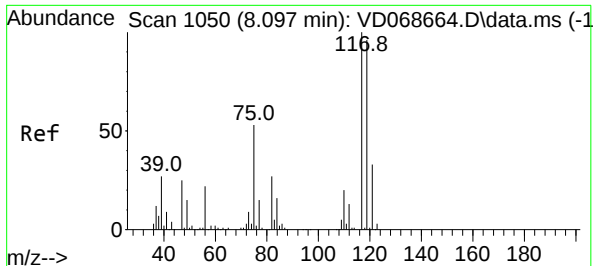


#36

1,1-Dichloropropene
Concen: 4.59 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD068743.D
Acq: 31 Mar 2021 17:34

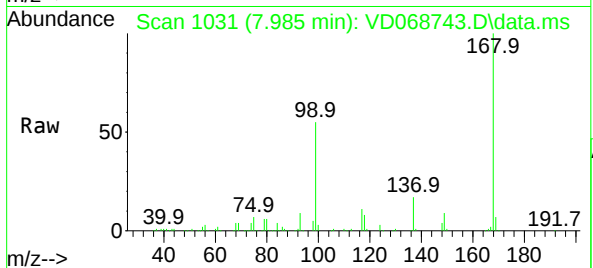
Tgt Ion: 75 Resp: 23490
Ion Ratio Lower Upper
75 100
110 8.6 18.1 54.4#
77 0.0 24.7 37.1#



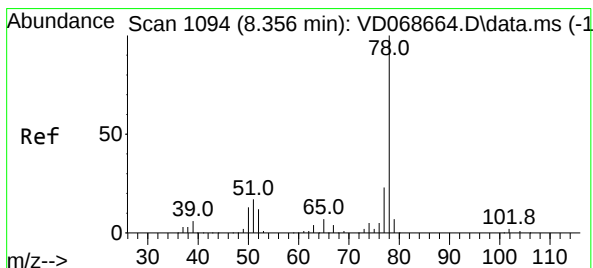
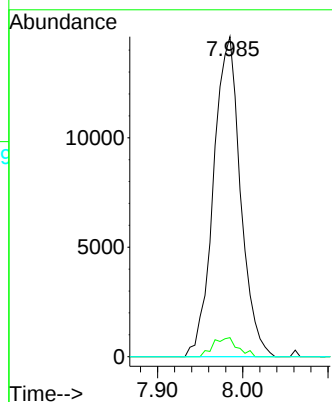
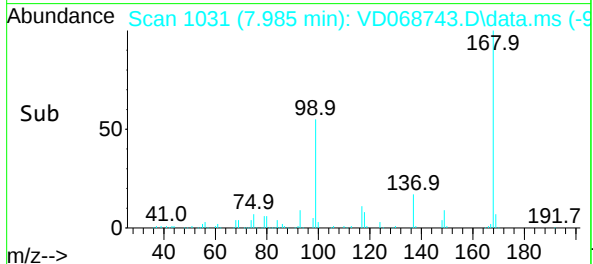


#38
Carbon Tetrachloride
Concen: 6.32 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.112 min
Lab File: VD068743.D
Acq: 31 Mar 2021 17:34

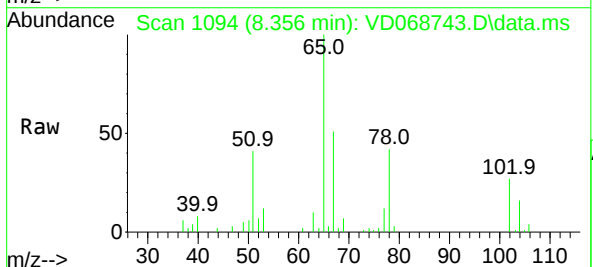
Instrument :
MSVOA_D
ClientSampled :



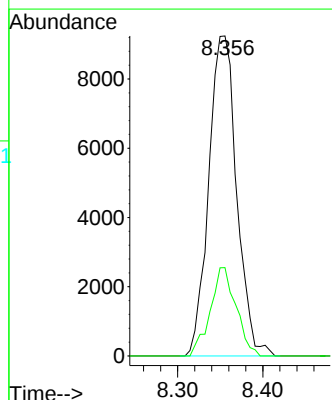
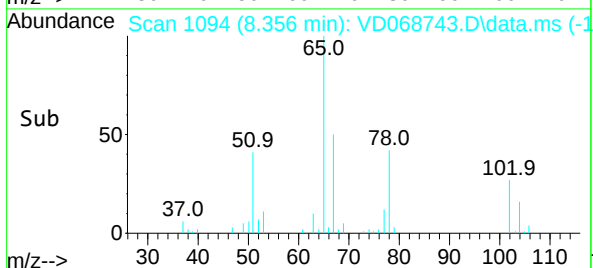
Tgt Ion:117 Resp: 32231
Ion Ratio Lower Upper
117 100
119 5.9 76.6 115.0#
121 0.0 26.1 39.1#

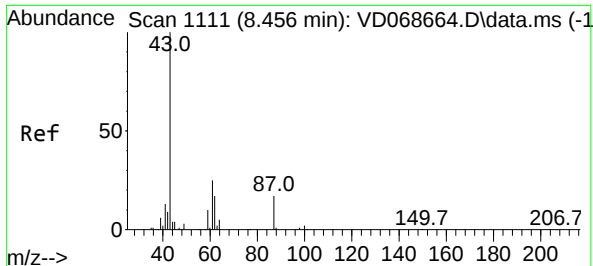


#40
Benzene
Concen: 1.41 ug/l
RT: 8.356 min Scan# 1094
Delta R.T. 0.000 min
Lab File: VD068743.D
Acq: 31 Mar 2021 17:34



Tgt Ion: 78 Resp: 21063
Ion Ratio Lower Upper
78 100
77 27.6 18.2 27.2#

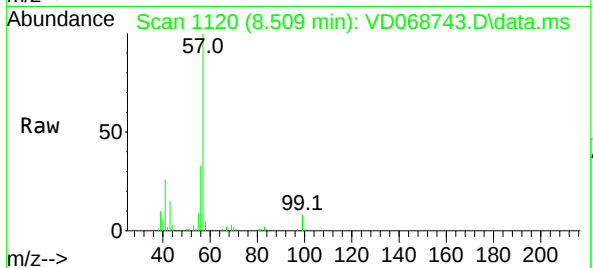




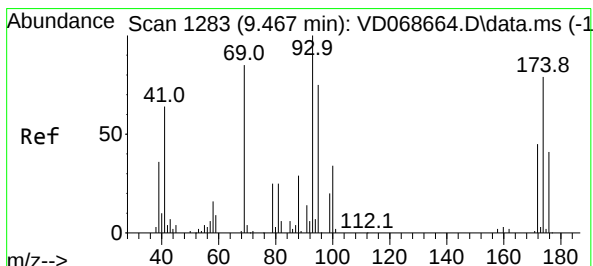
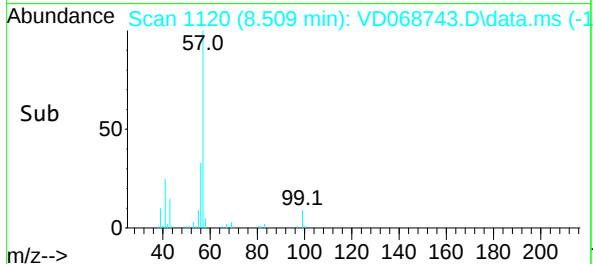
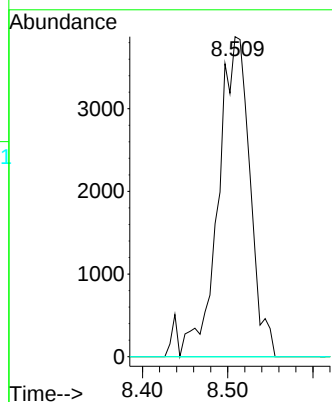
#43

Isopropyl Acetate
Concen: 3.22 ug/l
RT: 8.509 min Scan# 1120
Delta R.T. 0.053 min
Lab File: VD068743.D
Acq: 31 Mar 2021 17:34

Instrument :
MSVOA_D
ClientSampled :



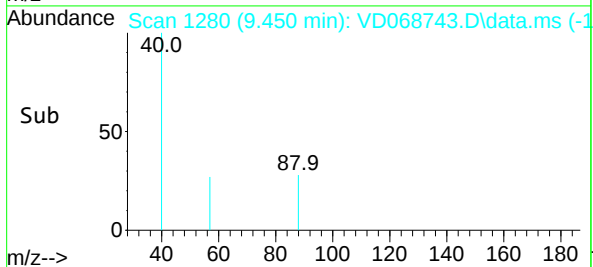
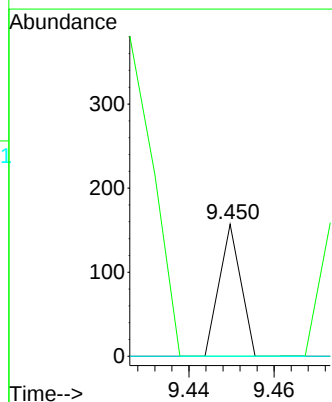
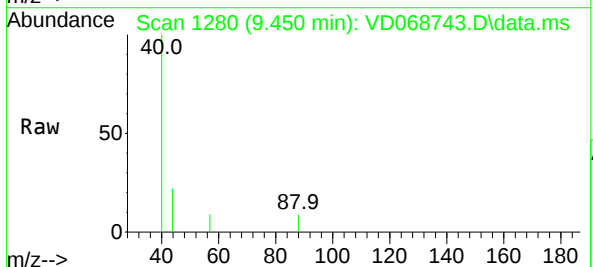
Tgt Ion: 43 Resp: 9973
Ion Ratio Lower Upper
43 100
61 0.0 29.5 44.3#
87 0.0 13.5 20.3#

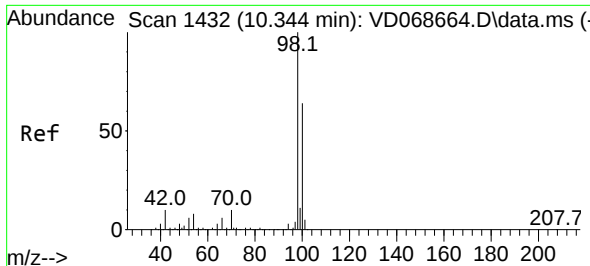


#49

1,4-Dioxane
Concen: 2.44 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. -0.018 min
Lab File: VD068743.D
Acq: 31 Mar 2021 17:34

Tgt Ion: 88 Resp: 55
Ion Ratio Lower Upper
88 100
43 0.0 25.8 38.8#
58 0.0 54.0 81.0#

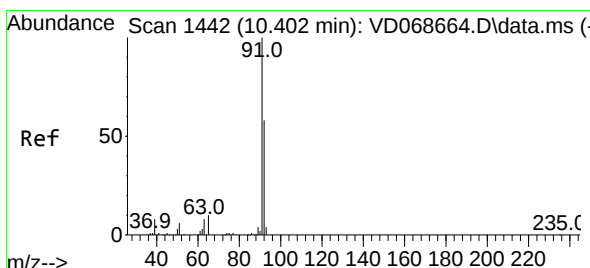
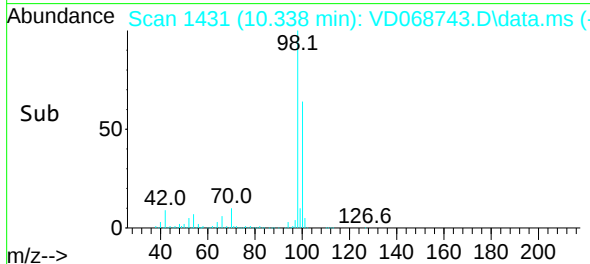
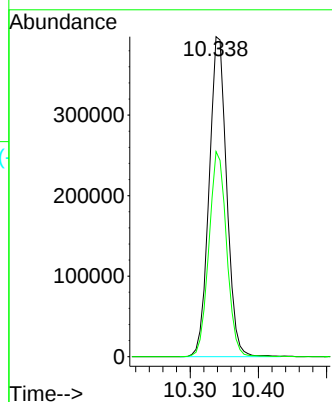
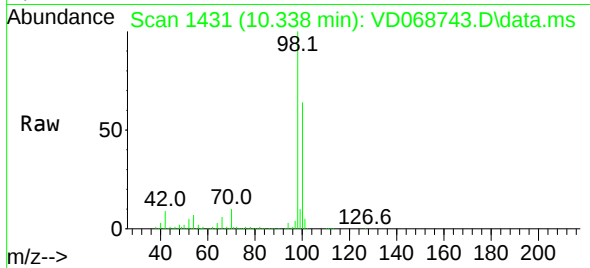




#50
Toluene-d8
Concen: 51.92 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD068743.D
Acq: 31 Mar 2021 17:34

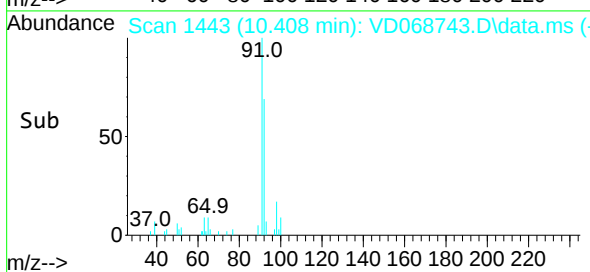
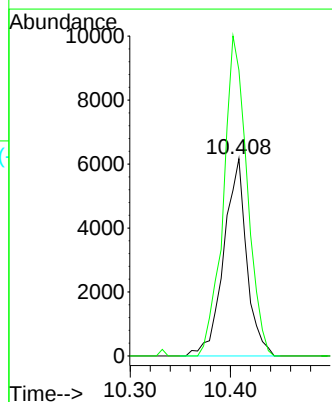
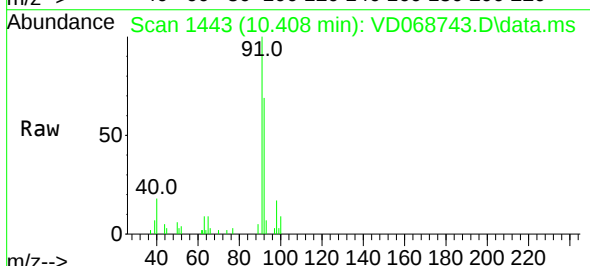
Instrument :
MSVOA_D
ClientSampleId :

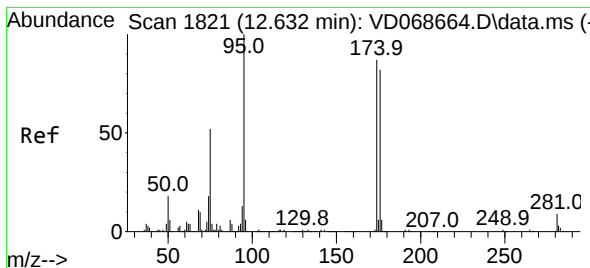
Tgt Ion: 98 Resp: 713043
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6



#52
Toluene
Concen: 1.04 ug/l
RT: 10.408 min Scan# 1443
Delta R.T. 0.006 min
Lab File: VD068743.D
Acq: 31 Mar 2021 17:34

Tgt Ion: 92 Resp: 9803
Ion Ratio Lower Upper
92 100
91 167.9 139.1 208.7

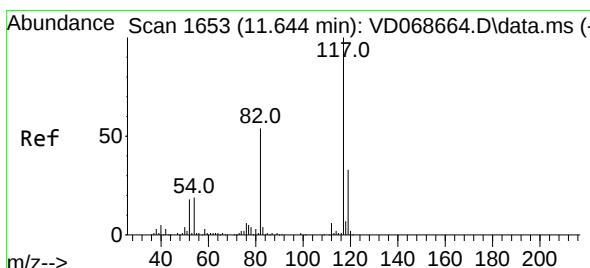
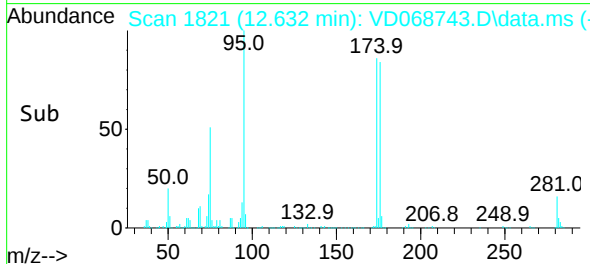
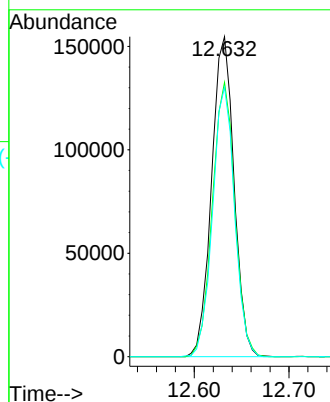
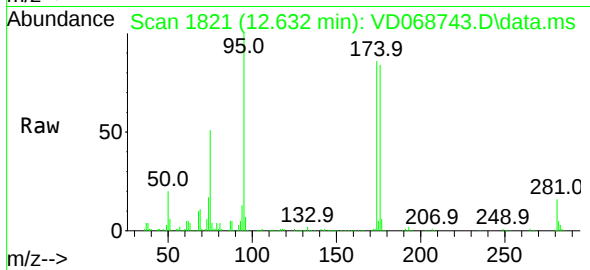




#62
4-Bromofluorobenzene
Concen: 57.13 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068743.D
Acq: 31 Mar 2021 17:34

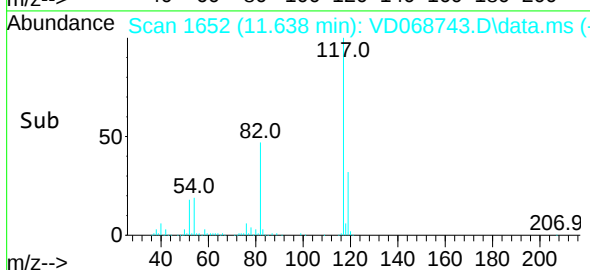
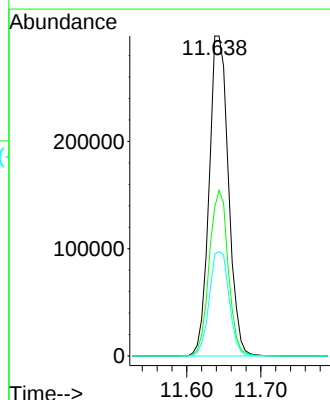
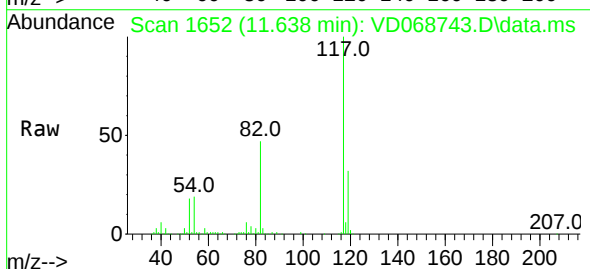
Instrument :
MSVOA_D
ClientSampleId :

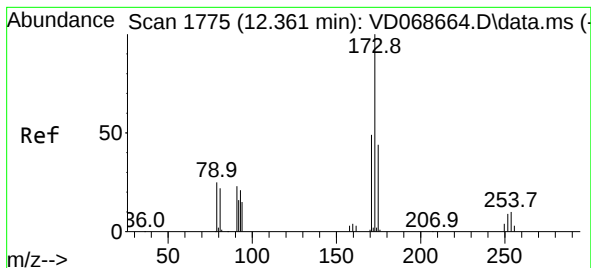
Tgt Ion: 95 Resp: 254415
Ion Ratio Lower Upper
95 100
174 85.6 0.0 168.0
176 82.5 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.006 min
Lab File: VD068743.D
Acq: 31 Mar 2021 17:34

Tgt Ion: 117 Resp: 539591
Ion Ratio Lower Upper
117 100
82 46.5 43.5 65.3
119 31.8 26.7 40.1





#71

Bromoform

Concen: 1.16 ug/l

RT: 12.632 min Scan# 1821

Delta R.T. 0.271 min

Lab File: VD068743.D

Acq: 31 Mar 2021 17:34

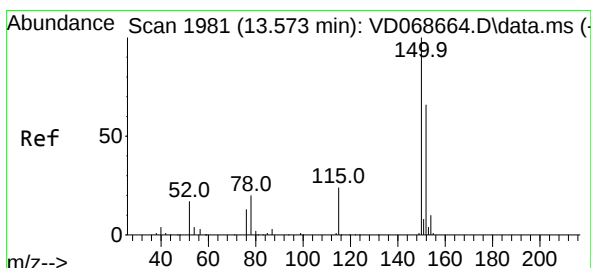
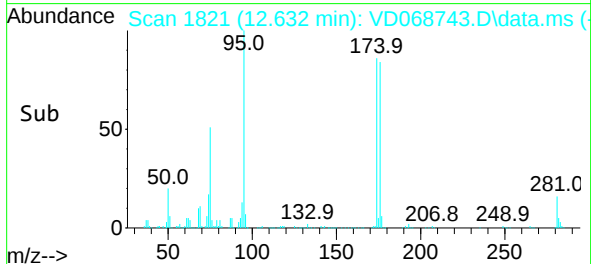
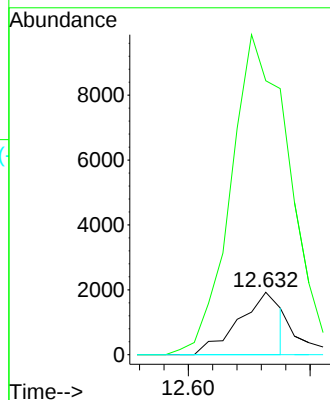
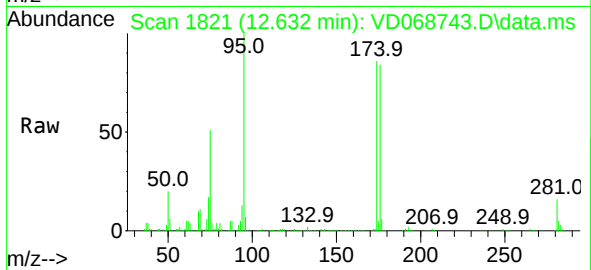
Tgt Ion:173 Resp: 2333

Ion Ratio Lower Upper

173 100

175 586.1 23.6 71.0#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.573 min Scan# 1981

Delta R.T. 0.000 min

Lab File: VD068743.D

Acq: 31 Mar 2021 17:34

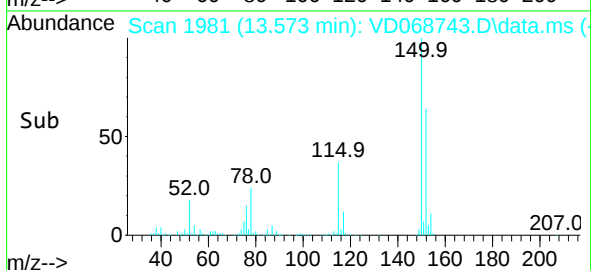
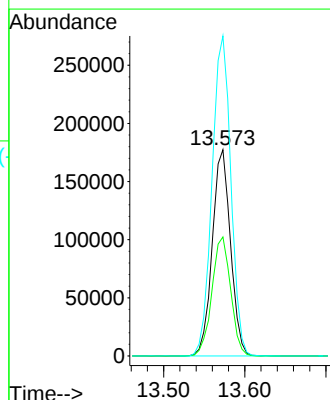
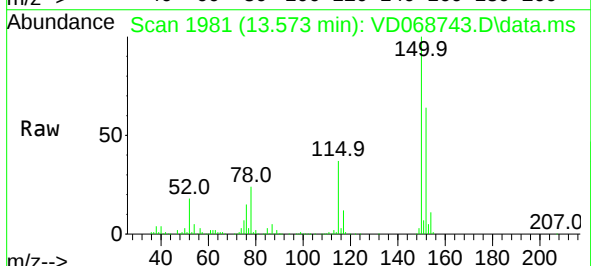
Tgt Ion:152 Resp: 277213

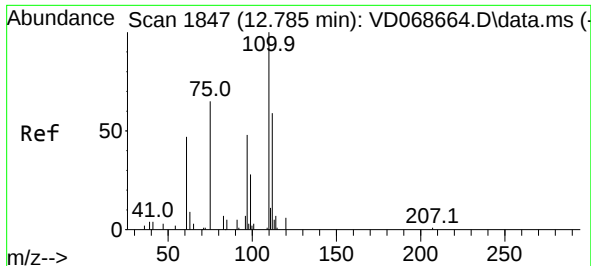
Ion Ratio Lower Upper

152 100

115 59.2 29.3 87.8

150 159.7 0.0 347.6

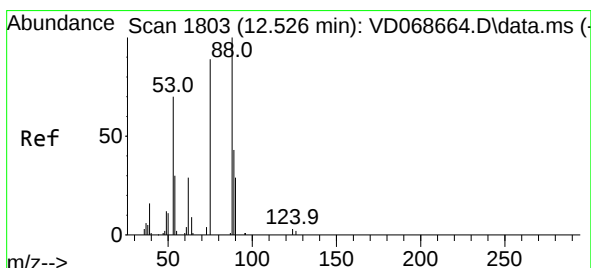
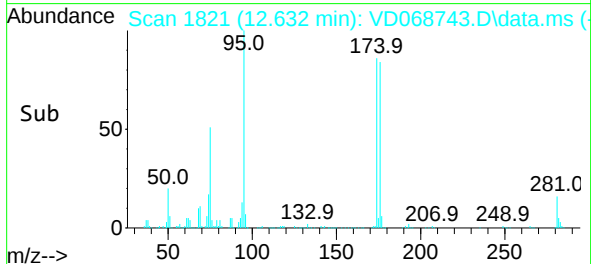
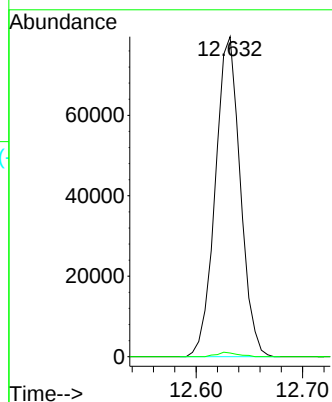
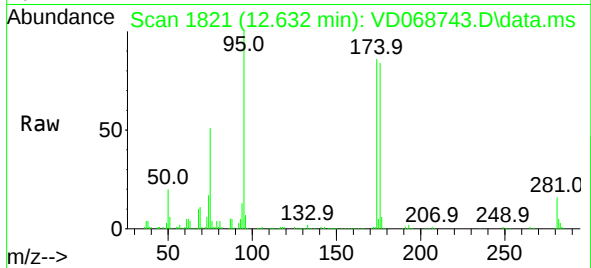




#76
1,2,3-Trichloropropane
Concen: 56.09 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068743.D
Acq: 31 Mar 2021 17:34

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 129425
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 127.62 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068743.D
Acq: 31 Mar 2021 17:34

Tgt Ion: 75 Resp: 129425
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 36.6 54.8#

