

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032921\
 Data File : VD068700.D
 Acq On : 29 Mar 2021 16:05
 Operator : VA/SY
 Sample : M1823-01
 Misc : 6.42G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MK-3-29-B1

Quant Time: Mar 30 01:05:36 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	7.979	168	328214	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	637870	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	598054	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	301338	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	188295	56.89	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.78%	
35) Dibromofluoromethane	7.914	113	205948	51.89	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.78%	
50) Toluene-d8	10.338	98	772670	50.50	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.00%	
62) 4-Bromofluorobenzene	12.632	95	301031	60.68	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 121.36%	

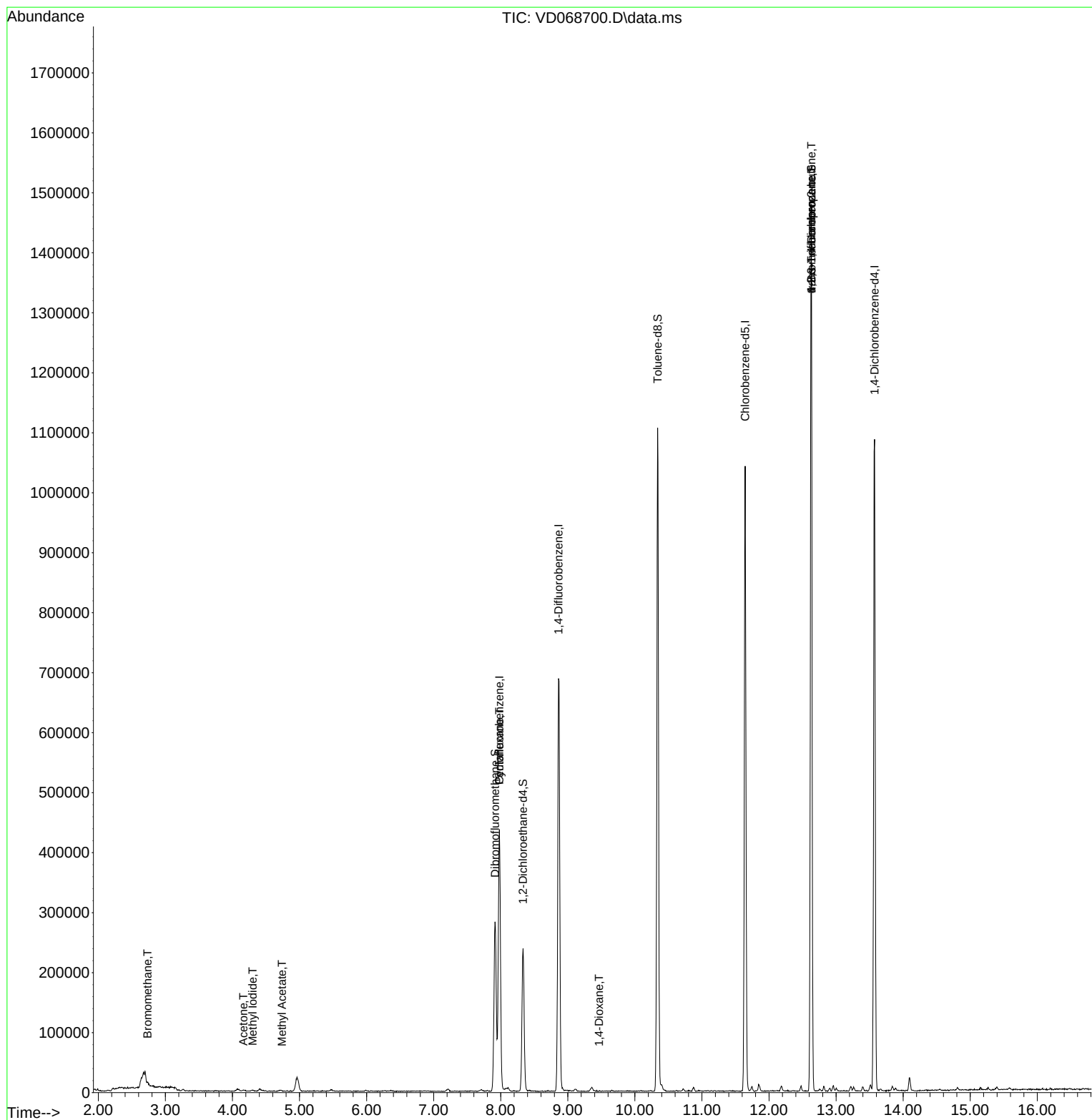
Target Compounds						Qvalue
5) Bromomethane	2.732	94	4179	1.51	ug/l	96
10) Methyl Iodide	4.303	142	2192	4.12	ug/l #	87
16) Acetone	4.162	43	3621	9.02	ug/l #	77
18) Methyl Acetate	4.738	43	1130	1.02	ug/l #	43
20) Methylene Chloride	4.962	84	19627	Below Cal		97
31) Cyclohexane	7.979	56	7913	1.48	ug/l #	37
49) 1,4-Dioxane	9.467	88	60	2.39	ug/l #	25
76) 1,2,3-Trichloropropane	12.632	75	154339	61.54	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	154339	140.00	ug/l #	16

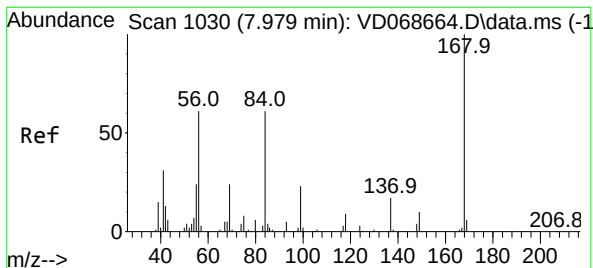
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032921\
Data File : VD068700.D
Acq On : 29 Mar 2021 16:05
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Misc : 6.42G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

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Quant Time: Mar 30 01:05:36 2021
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Quant Title : SW846 8260
QLast Update : Sat Mar 20 02:00:55 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: VD068700.D

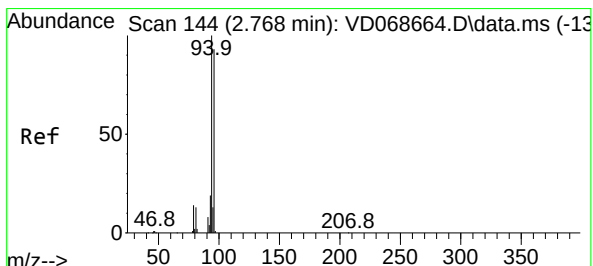
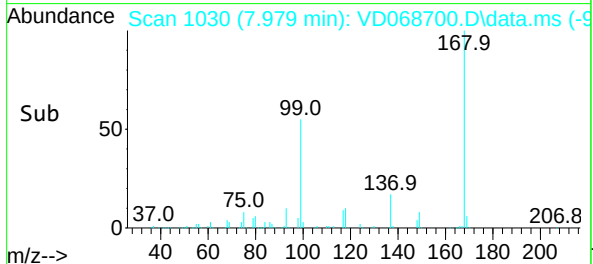
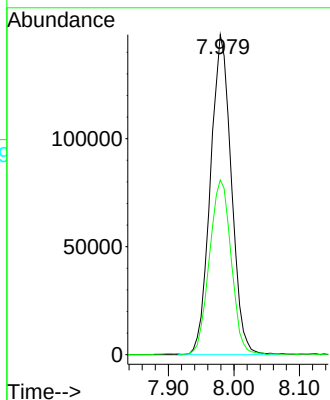
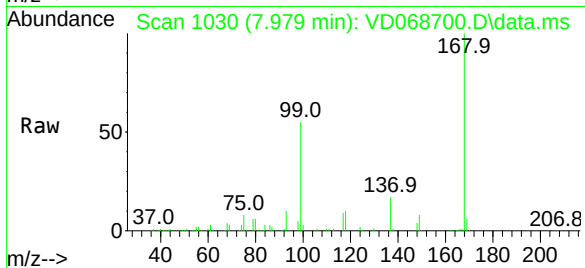
Acq: 29 Mar 2021 16:05

Tgt Ion:168 Resp: 328214

Ion Ratio Lower Upper

168 100

99 54.4 46.2 69.2



#5

Bromomethane

Concen: 1.51 ug/l

RT: 2.732 min Scan# 138

Delta R.T. -0.036 min

Lab File: VD068700.D

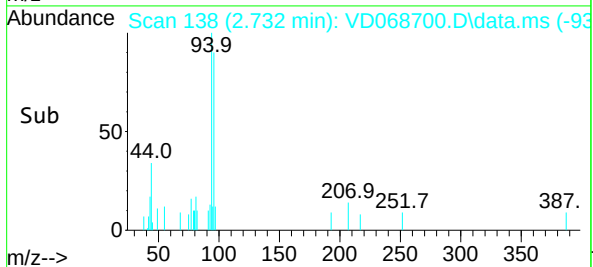
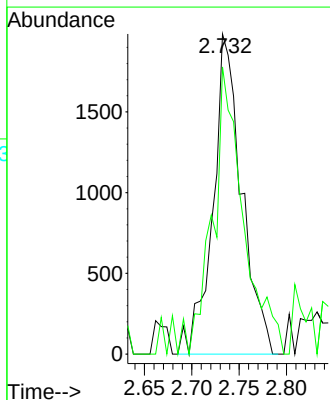
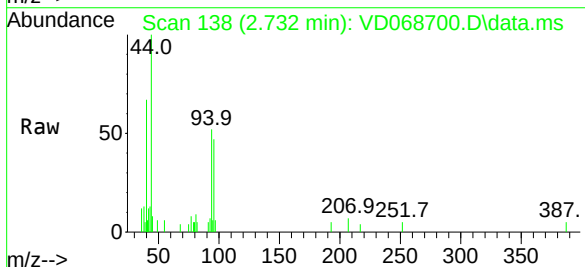
Acq: 29 Mar 2021 16:05

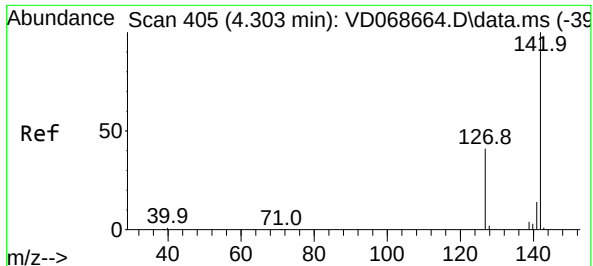
Tgt Ion: 94 Resp: 4179

Ion Ratio Lower Upper

94 100

96 89.7 74.7 112.1

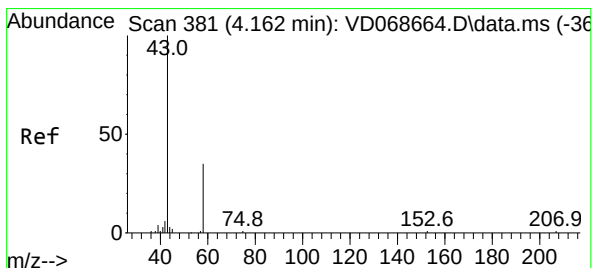
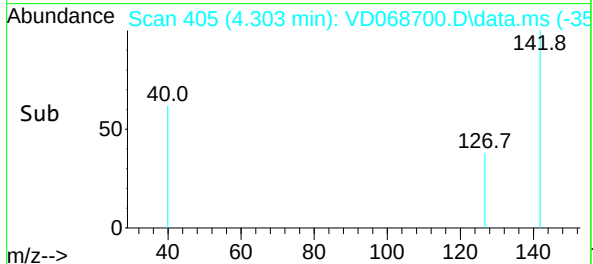
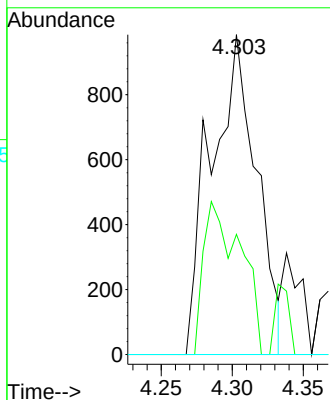
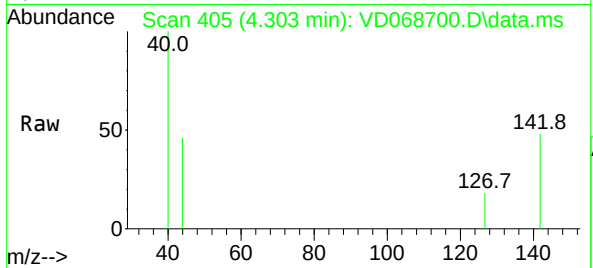




#10
Methyl Iodide
Concen: 4.12 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD068700.D
Acq: 29 Mar 2021 16:05

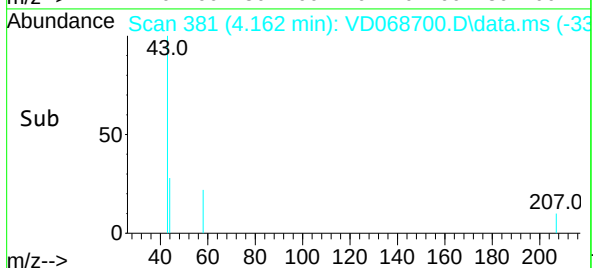
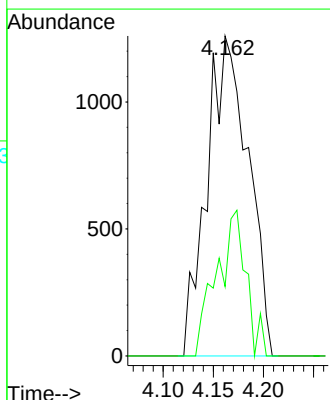
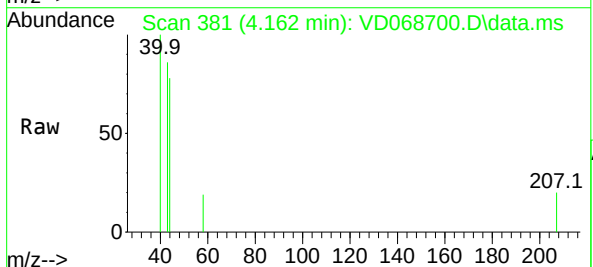
Instrument :
MSVOA_D
ClientSampleId :
MK-3-29-B1

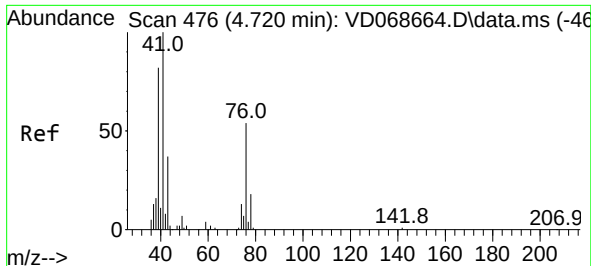
Tgt Ion:142 Resp: 2192
Ion Ratio Lower Upper
142 100
127 39.1 34.7 52.1
141 0.0 11.0 16.4#



#16
Acetone
Concen: 9.02 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068700.D
Acq: 29 Mar 2021 16:05

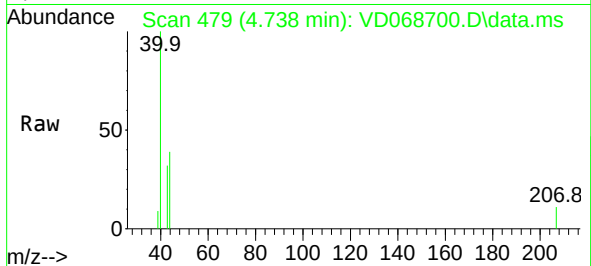
Tgt Ion: 43 Resp: 3621
Ion Ratio Lower Upper
43 100
58 21.7 28.0 42.0#



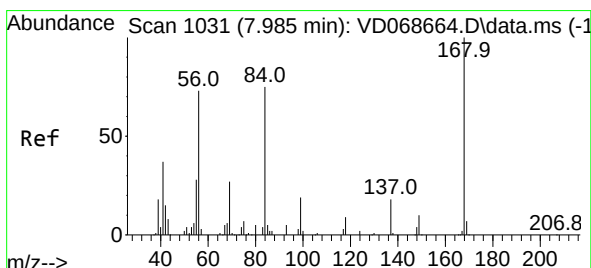
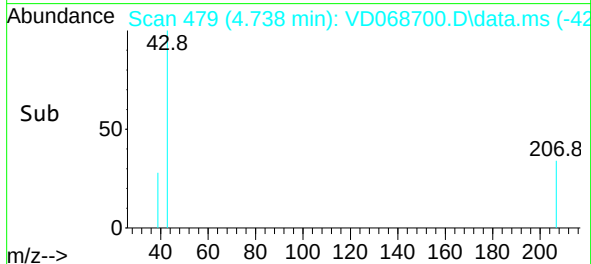
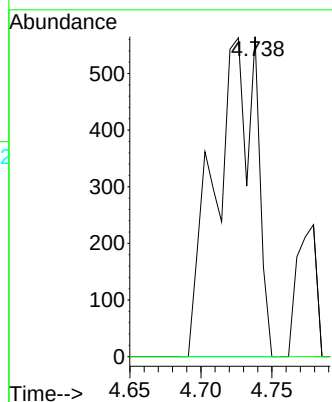


#18
Methyl Acetate
Concen: 1.02 ug/l
RT: 4.738 min Scan# 479
Delta R.T. 0.018 min
Lab File: VD068700.D
Acq: 29 Mar 2021 16:05

Instrument :
MSVOA_D
ClientSampled :
MK-3-29-B1

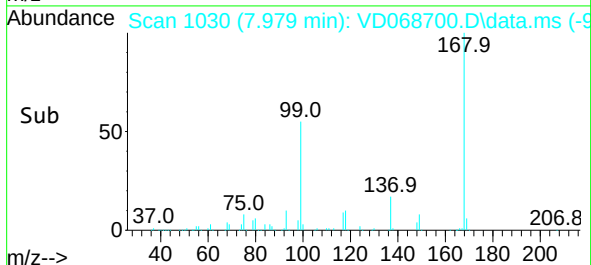
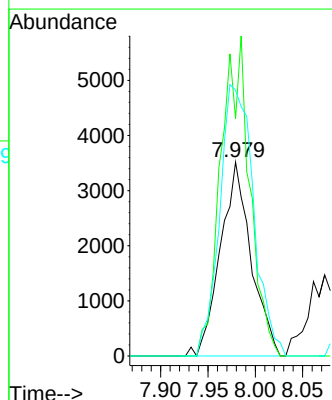
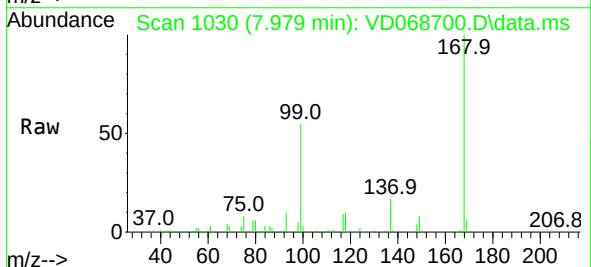


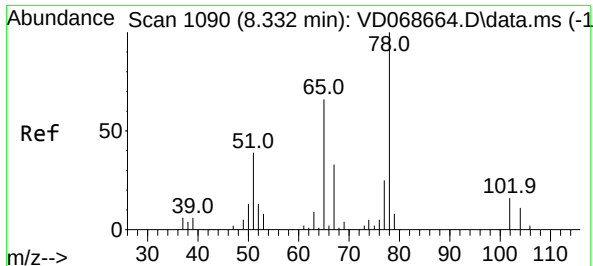
Tgt Ion: 43 Resp: 1130
Ion Ratio Lower Upper
43 100
74 0.0 25.4 38.2#



#31
Cyclohexane
Concen: 1.48 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068700.D
Acq: 29 Mar 2021 16:05

Tgt Ion: 56 Resp: 7913
Ion Ratio Lower Upper
56 100
69 122.4 30.0 45.0#
84 137.1 82.0 123.0#

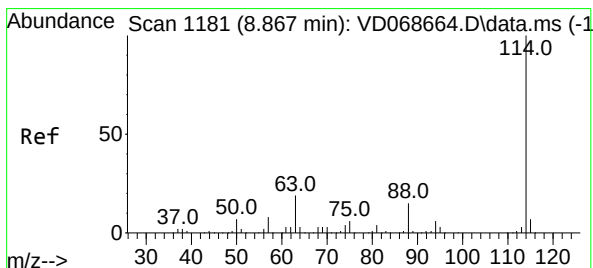
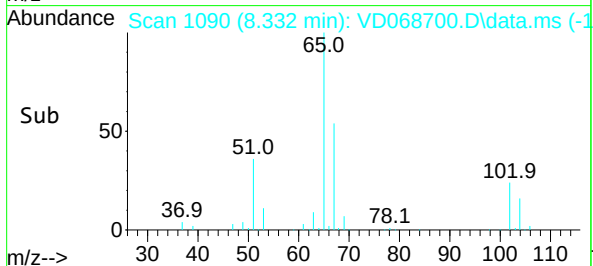
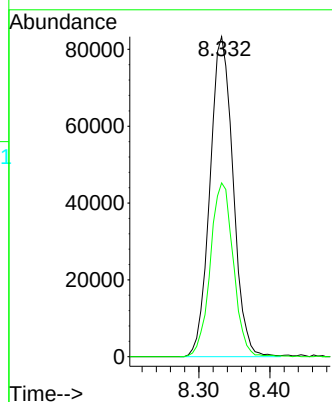
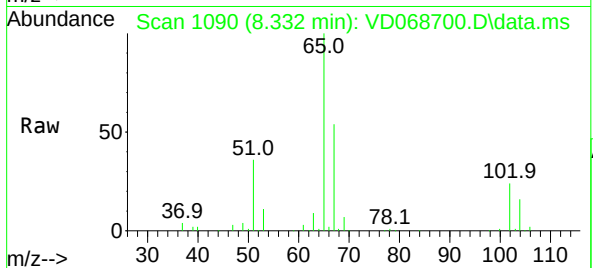




#33
1,2-Dichloroethane-d4
Concen: 56.89 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068700.D
Acq: 29 Mar 2021 16:05

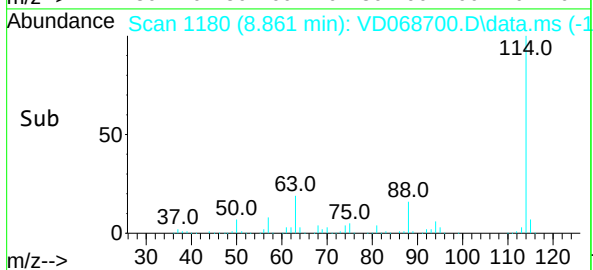
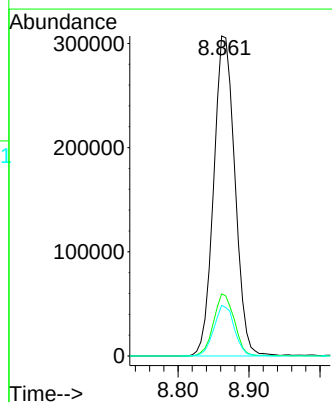
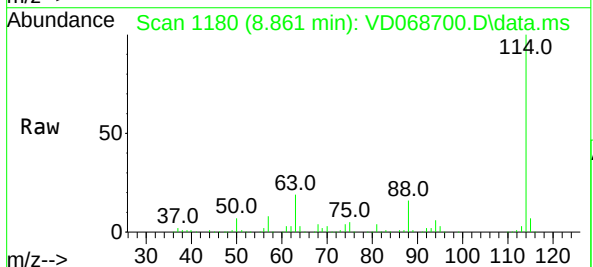
Instrument :
MSVOA_D
ClientSampled :
MK-3-29-B1

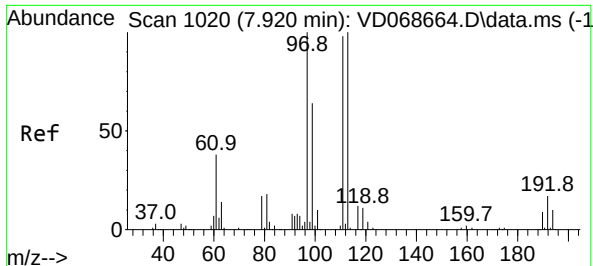
Tgt Ion: 65 Resp: 188295
Ion Ratio Lower Upper
65 100
67 54.0 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD068700.D
Acq: 29 Mar 2021 16:05

Tgt Ion: 114 Resp: 637870
Ion Ratio Lower Upper
114 100
63 19.4 0.0 38.2
88 15.8 0.0 29.4





#35

Dibromofluoromethane

Concen: 51.89 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD068700.D

Acq: 29 Mar 2021 16:05

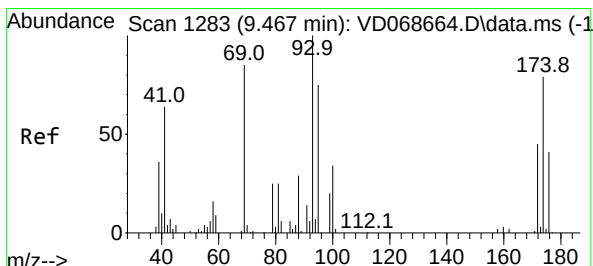
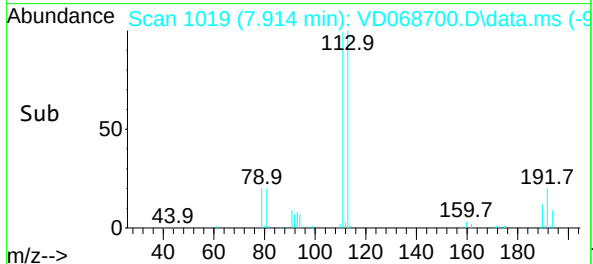
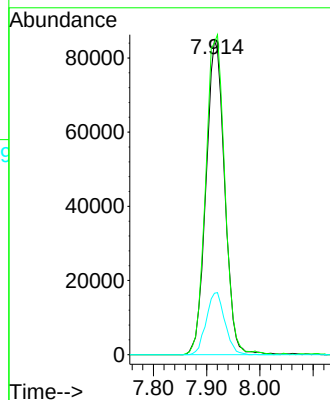
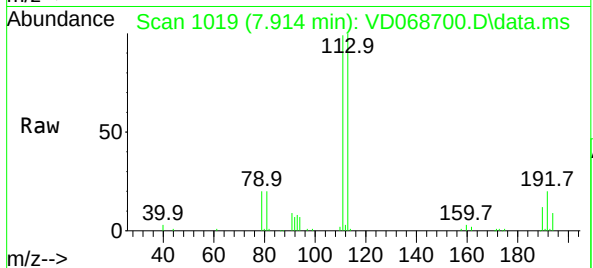
Tgt Ion:113 Resp: 205948

Ion Ratio Lower Upper

113 100

111 104.3 82.5 123.7

192 19.7 15.1 22.7



#49

1,4-Dioxane

Concen: 2.39 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD068700.D

Acq: 29 Mar 2021 16:05

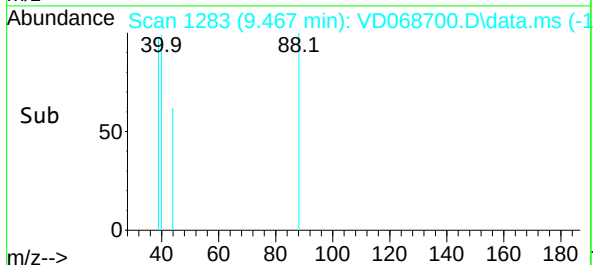
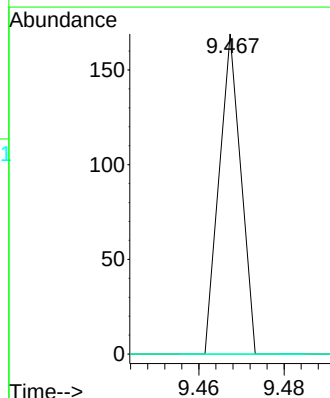
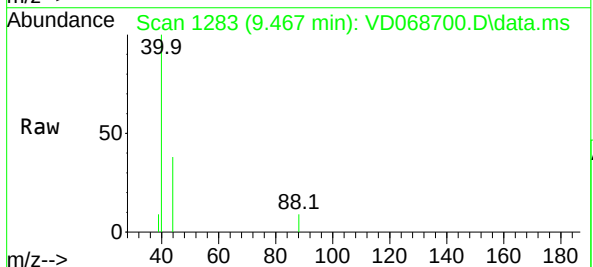
Tgt Ion: 88 Resp: 60

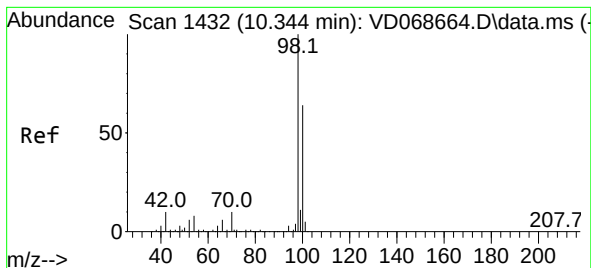
Ion Ratio Lower Upper

88 100

43 0.0 25.8 38.8#

58 0.0 54.0 81.0#

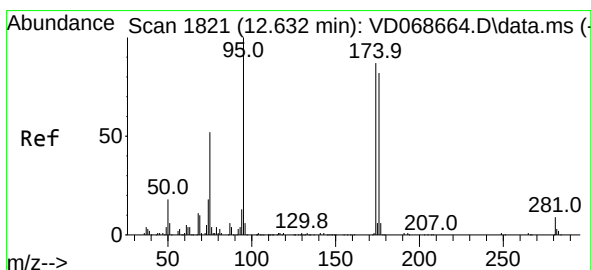
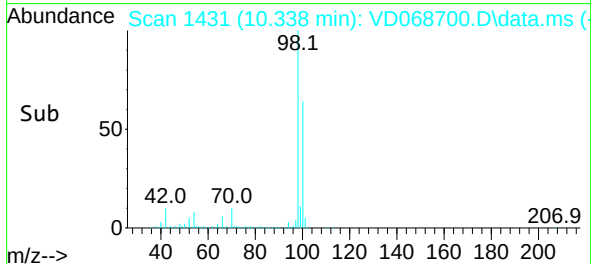
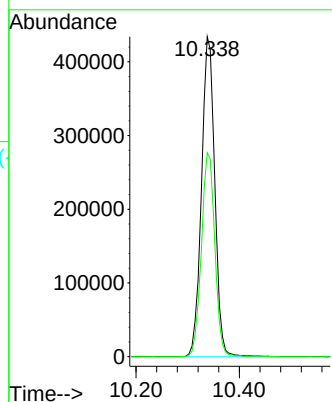
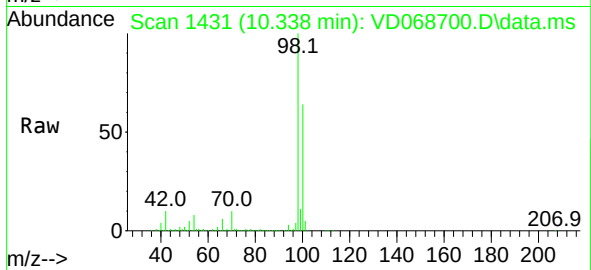




#50
Toluene-d8
Concen: 50.50 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD068700.D
Acq: 29 Mar 2021 16:05

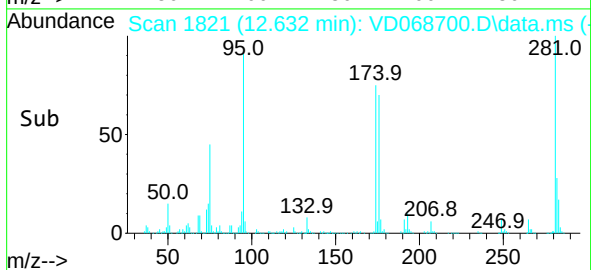
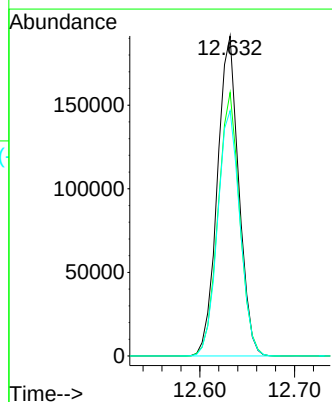
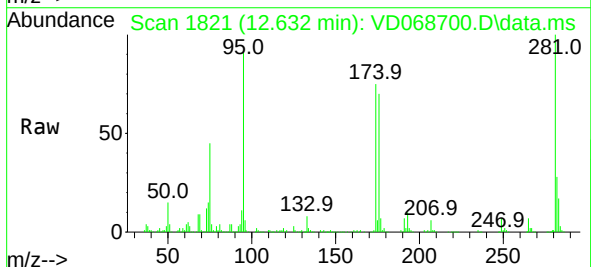
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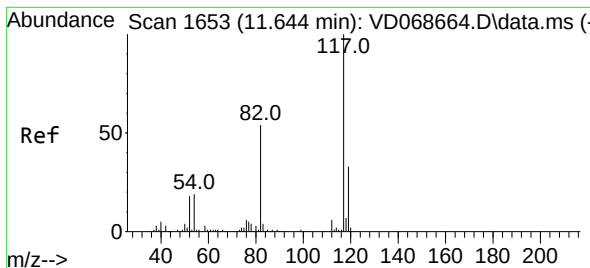
Tgt Ion: 98 Resp: 772670
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 60.68 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068700.D
Acq: 29 Mar 2021 16:05

Tgt Ion: 95 Resp: 301031
Ion Ratio Lower Upper
95 100
174 82.8 0.0 168.0
176 79.8 0.0 160.2

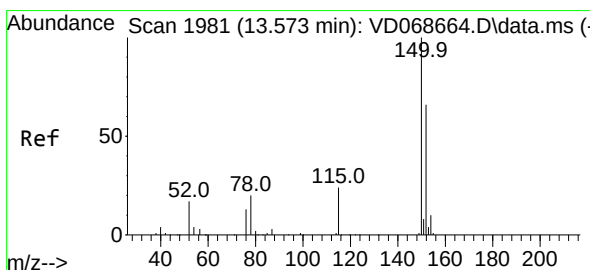
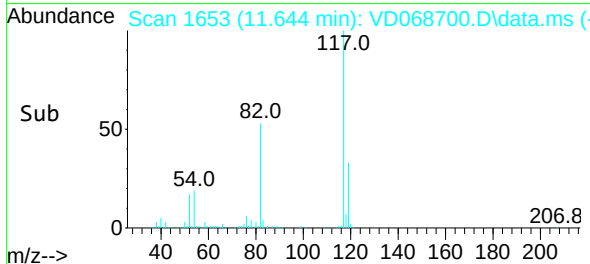
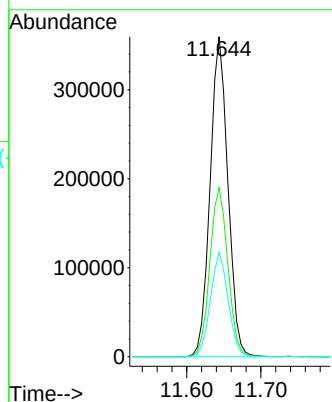
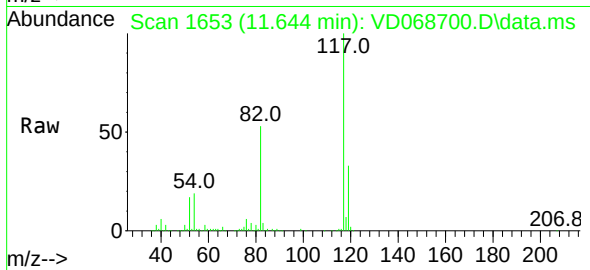




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068700.D
Acq: 29 Mar 2021 16:05

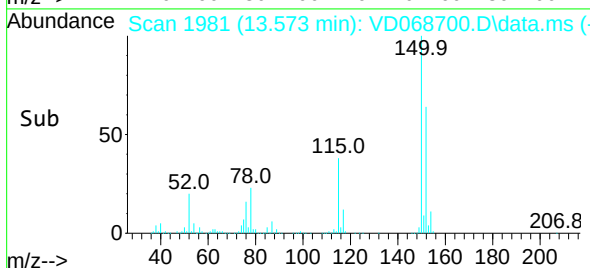
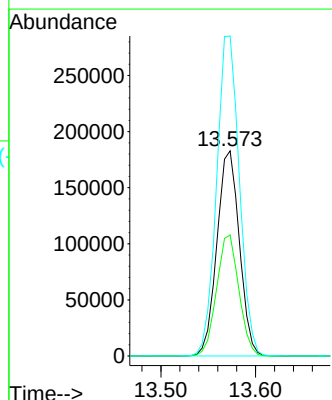
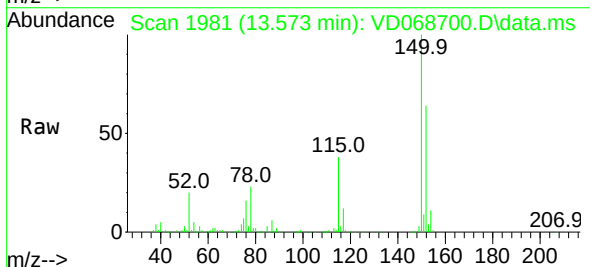
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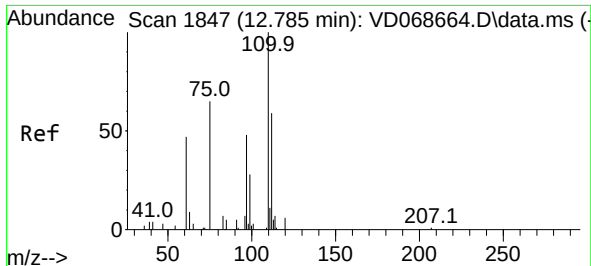
Tgt Ion:117 Resp: 598054
Ion Ratio Lower Upper
117 100
82 52.8 43.5 65.3
119 32.6 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068700.D
Acq: 29 Mar 2021 16:05

Tgt Ion:152 Resp: 301338
Ion Ratio Lower Upper
152 100
115 58.6 29.3 87.8
150 158.4 0.0 347.6

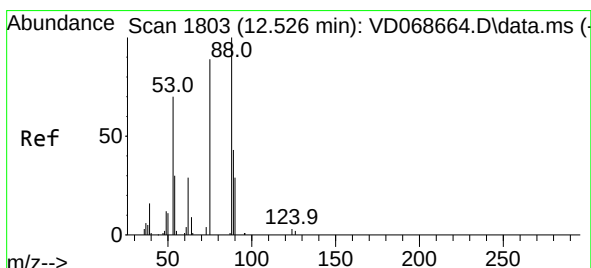
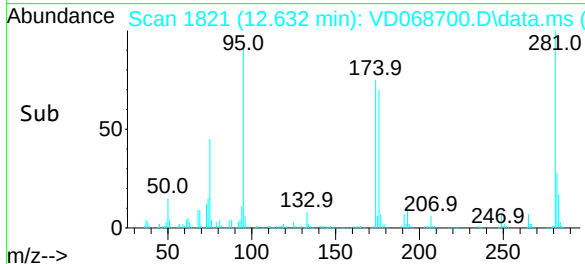
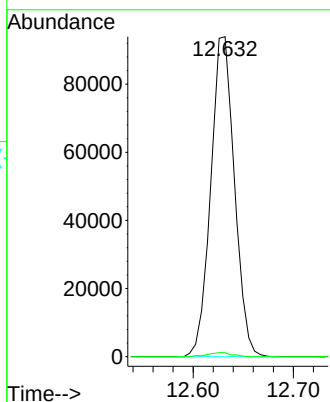
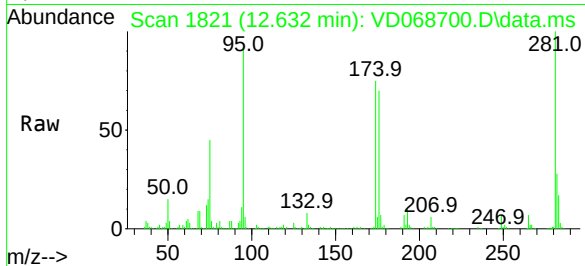




#76
1,2,3-Trichloropropane
Concen: 61.54 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068700.D
Acq: 29 Mar 2021 16:05

Instrument :
MSVOA_D
ClientSampled :
MK-3-29-B1

Tgt Ion: 75 Resp: 154339
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 140.00 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068700.D
Acq: 29 Mar 2021 16:05

Tgt Ion: 75 Resp: 154339
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 1.3 36.6 54.8#

