

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031721\
 Data File : VD068646.D
 Acq On : 17 Mar 2021 19:10
 Operator : VA/SY
 Sample : M1692-02
 Misc : 6.69G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 18 00:58:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

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

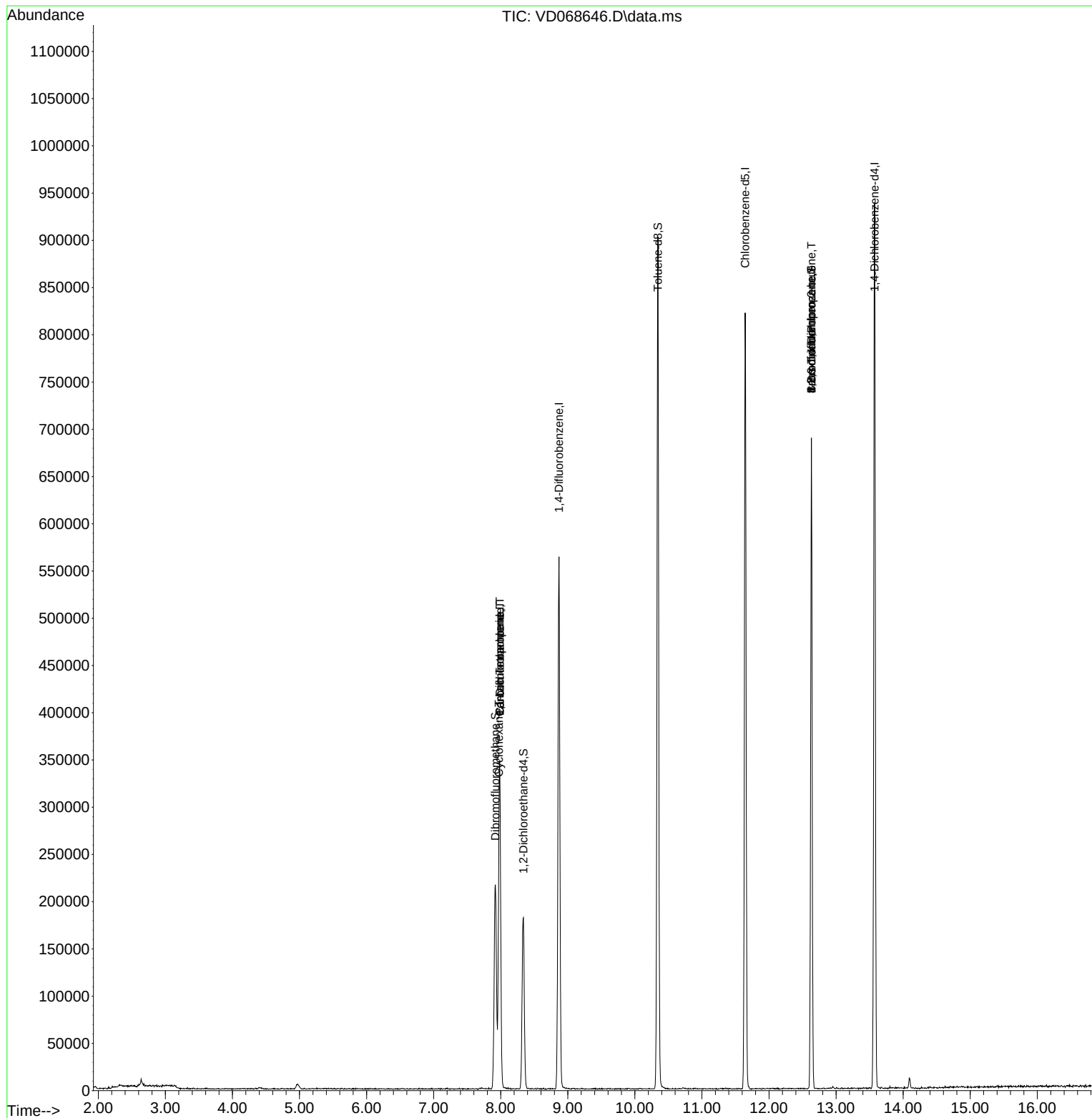
Internal Standards						
1) Pentafluorobenzene	7.985	168	268541	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	498820	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	490906	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	259634	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	148272	55.26	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.52%			
35) Dibromofluoromethane	7.920	113	162557	54.10	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.20%			
50) Toluene-d8	10.344	98	627849	52.46	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.92%			
62) 4-Bromofluorobenzene	12.632	95	214015	55.48	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 110.96%			
Target Compounds						Qvalue
20) Methylene Chloride	4.967	84	4190	Below Cal		95
31) Cyclohexane	7.973	56	5636	1.16 ug/l #		21
36) 1,1-Dichloropropene	7.985	75	21105	4.45 ug/l #		47
38) Carbon Tetrachloride	7.985	117	26852	6.03 ug/l #		15
71) Bromoform	12.632	173	1885	1.07 ug/l #		1
76) 1,2,3-Trichloropropane	12.632	75	109806	47.64 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.632	75	109806	111.17 ug/l #		13

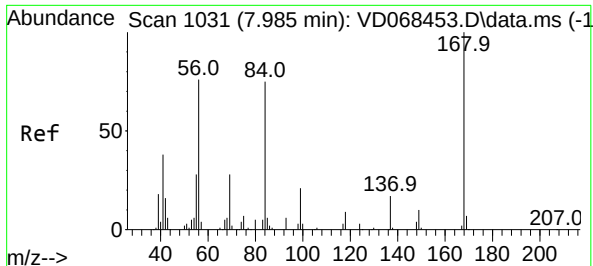
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 18 00:58:21 2021
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Quant Title : SW846 8260
QLast Update : Fri Feb 26 14:04:14 2021
Response via : Initial Calibration

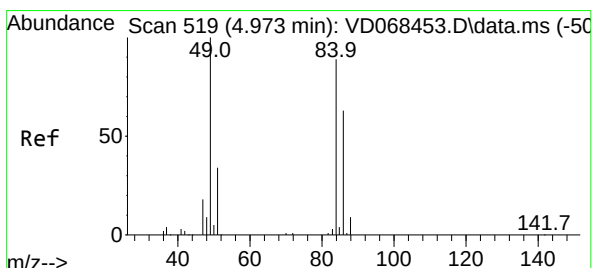
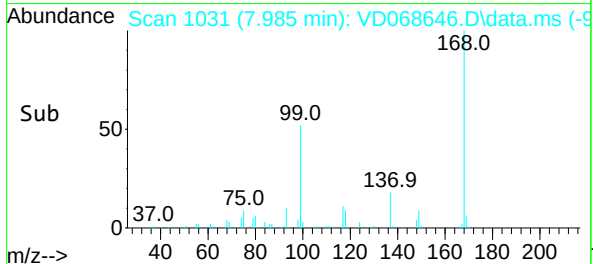
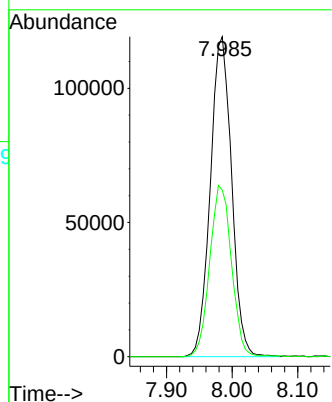
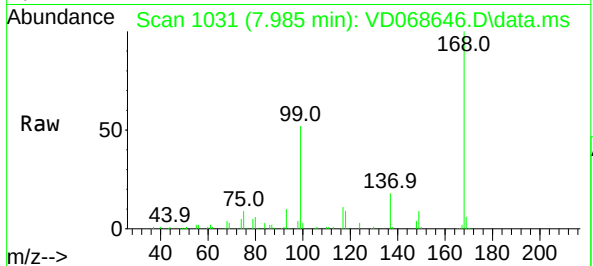




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068646.D
Acq: 17 Mar 2021 19:10

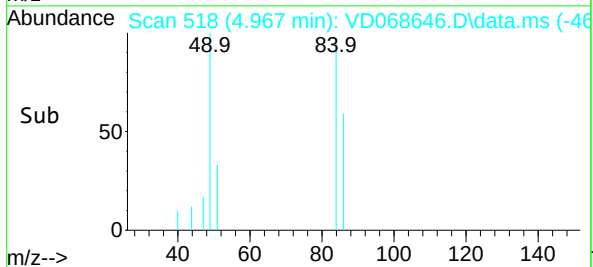
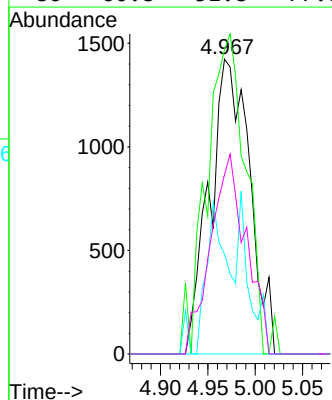
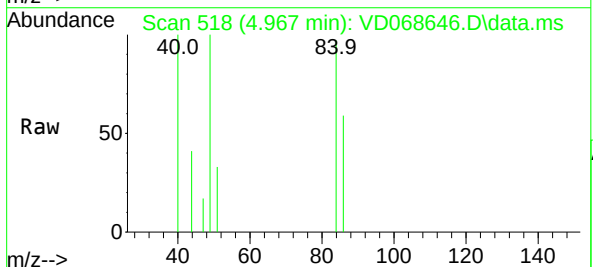
Instrument :
MSVOA_D
ClientSampled :

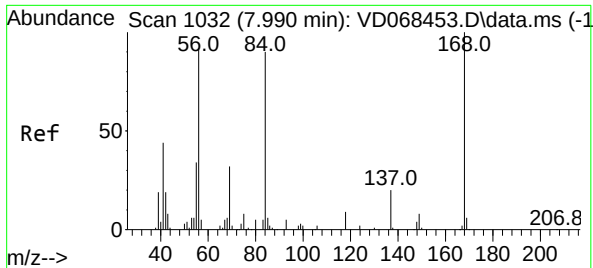
Tgt Ion:168 Resp: 268541
Ion Ratio Lower Upper
168 100
99 52.1 43.5 65.3



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068646.D
Acq: 17 Mar 2021 19:10

Tgt Ion: 84 Resp: 4190
Ion Ratio Lower Upper
84 100
49 103.3 77.4 116.2
51 33.9 26.1 39.1
86 60.8 51.8 77.8

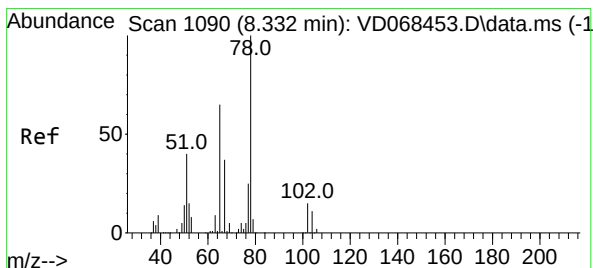
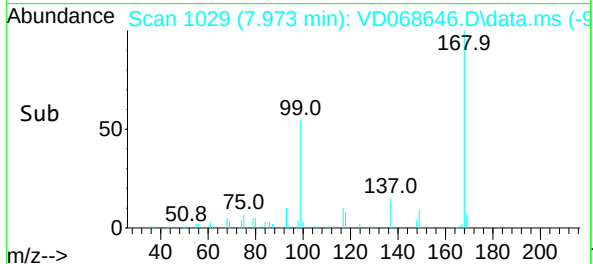
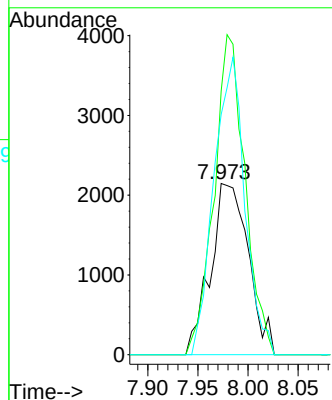
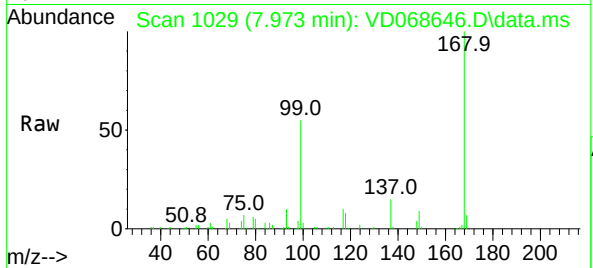




#31
Cyclohexane
Concen: 1.16 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.017 min
Lab File: VD068646.D
Acq: 17 Mar 2021 19:10

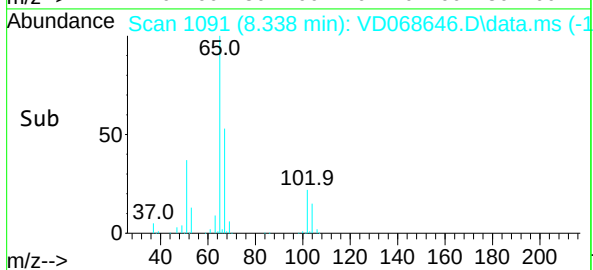
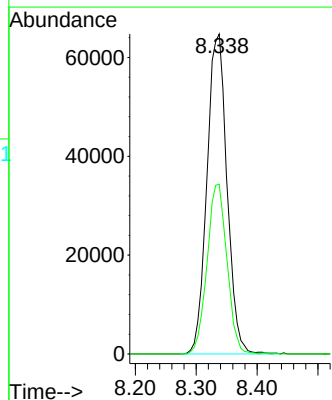
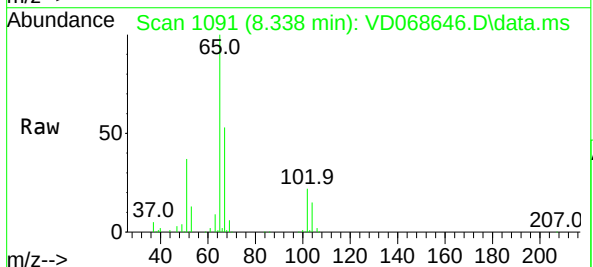
Instrument :
MSVOA_D
ClientSampleId :

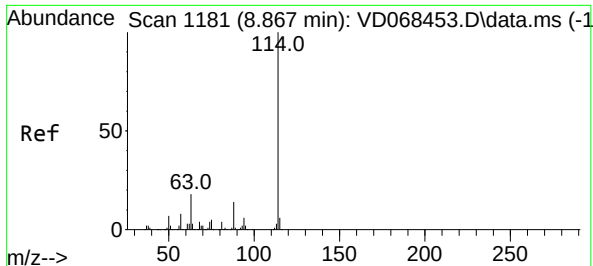
Tgt Ion: 56 Resp: 5636
Ion Ratio Lower Upper
56 100
69 153.9 30.1 45.1#
84 140.2 82.1 123.1#



#33
1,2-Dichloroethane-d4
Concen: 55.26 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VD068646.D
Acq: 17 Mar 2021 19:10

Tgt Ion: 65 Resp: 148272
Ion Ratio Lower Upper
65 100
67 52.4 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: VD068646.D

Acq: 17 Mar 2021 19:10

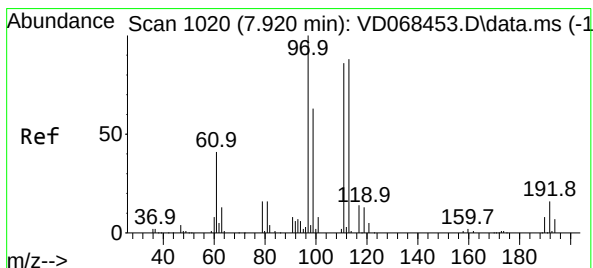
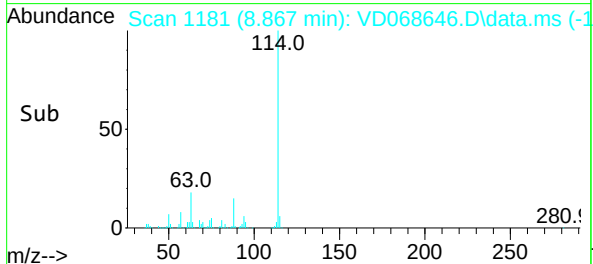
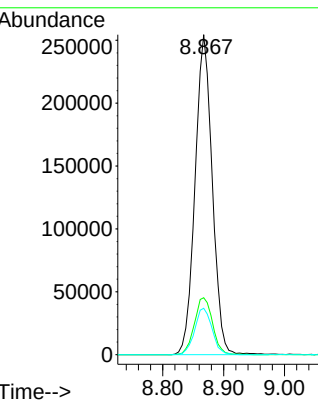
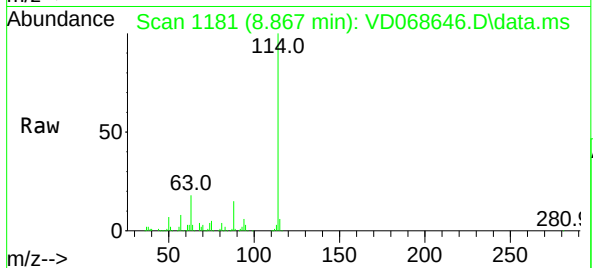
Tgt Ion:114 Resp: 498820

Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.8

88 14.5 0.0 31.6



#35

Dibromofluoromethane

Concen: 54.10 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068646.D

Acq: 17 Mar 2021 19:10

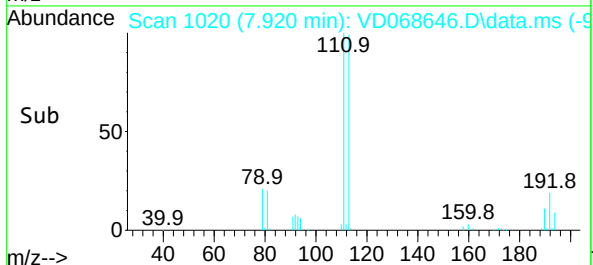
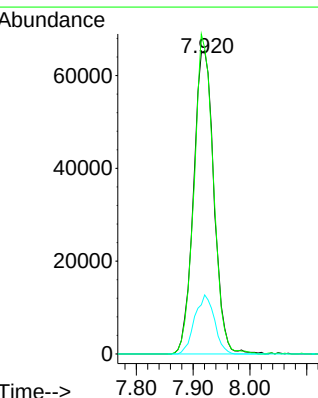
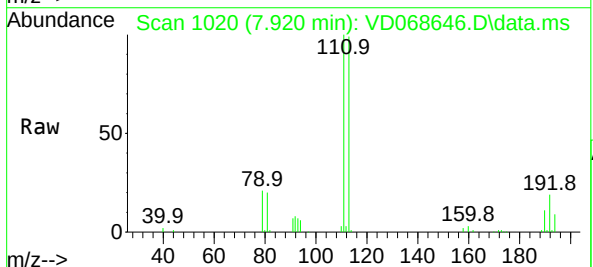
Tgt Ion:113 Resp: 162557

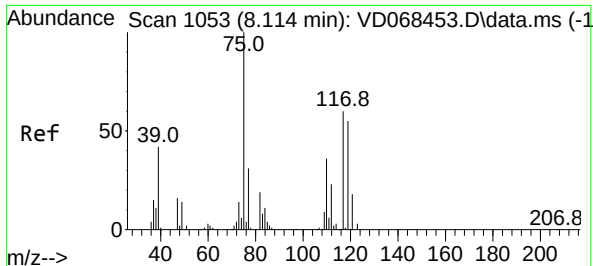
Ion Ratio Lower Upper

113 100

111 99.6 81.4 122.0

192 18.9 16.1 24.1

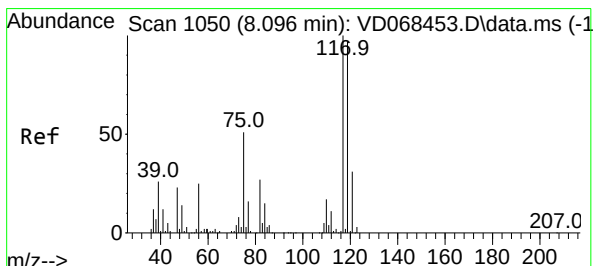
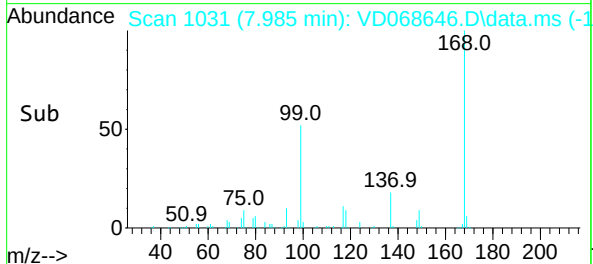
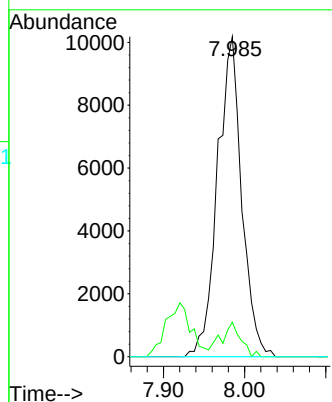
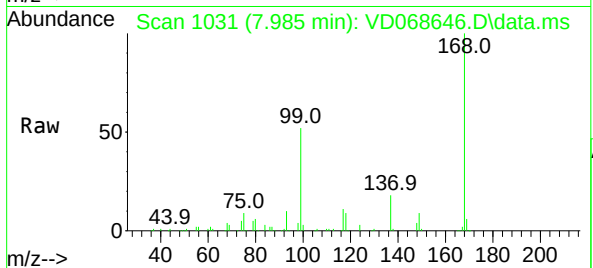




#36
1,1-Dichloropropene
Concen: 4.45 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.129 min
Lab File: VD068646.D
Acq: 17 Mar 2021 19:10

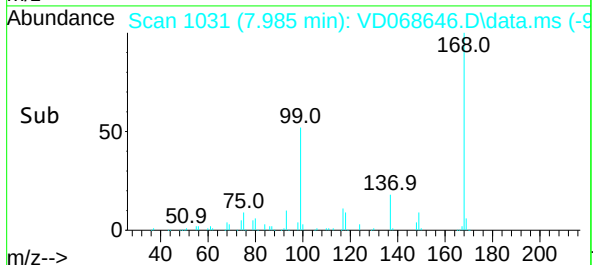
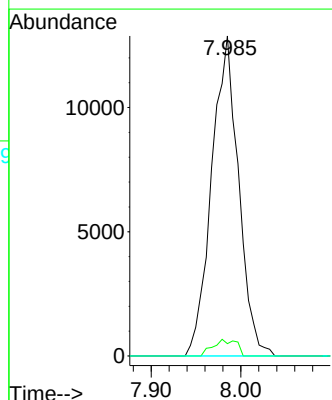
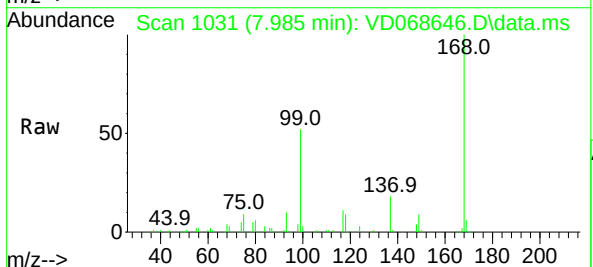
Instrument :
MSVOA_D
ClientSampled :

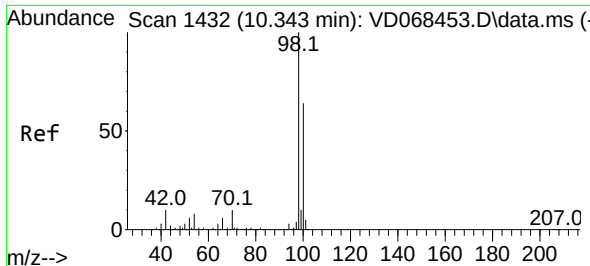
Tgt Ion: 75 Resp: 21105
Ion Ratio Lower Upper
75 100
110 8.8 19.4 58.2#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.03 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.111 min
Lab File: VD068646.D
Acq: 17 Mar 2021 19:10

Tgt Ion: 117 Resp: 26852
Ion Ratio Lower Upper
117 100
119 3.9 77.3 115.9#
121 0.0 24.7 37.1#

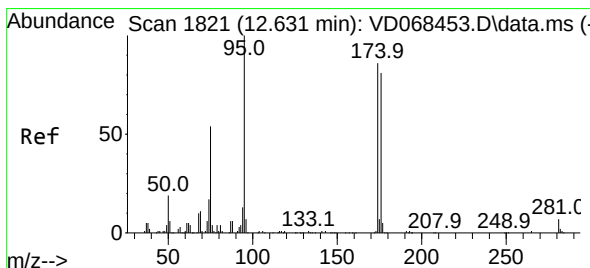
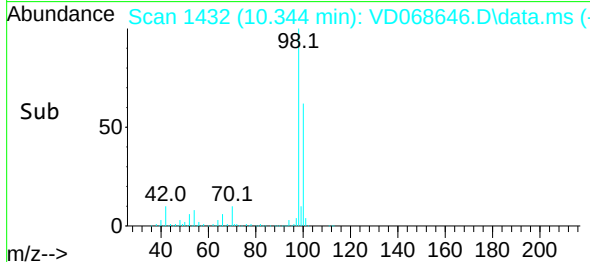
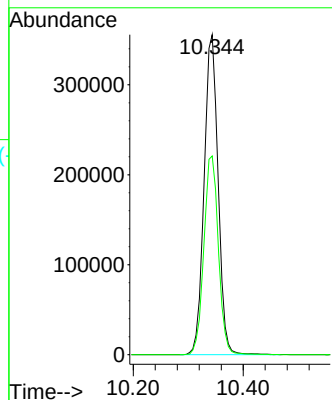
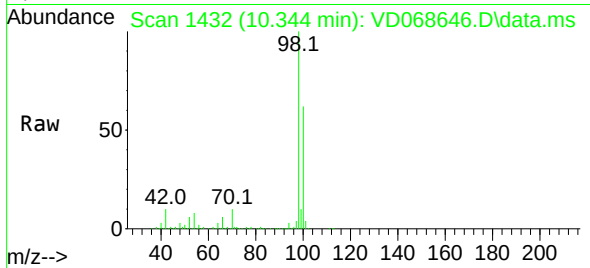




#50
Toluene-d8
Concen: 52.46 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068646.D
Acq: 17 Mar 2021 19:10

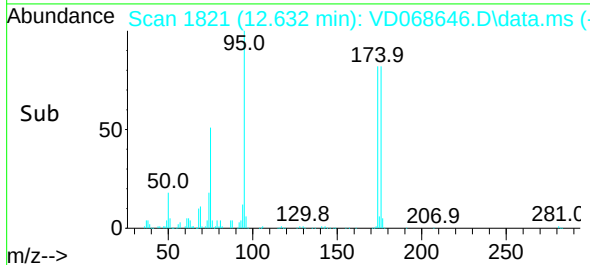
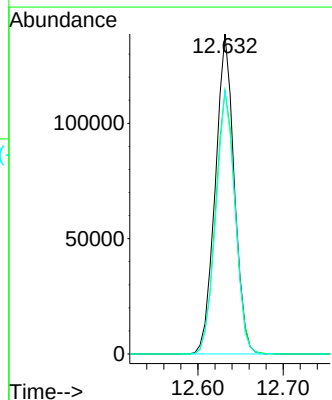
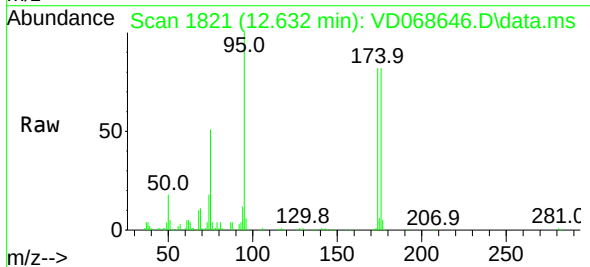
Instrument :
MSVOA_D
ClientSampleId :

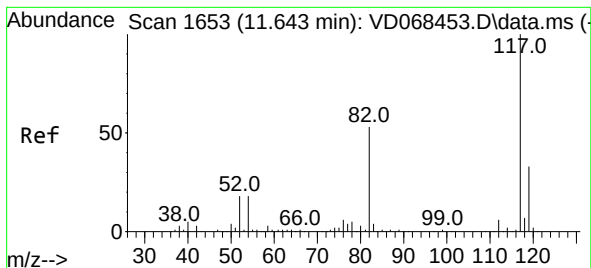
Tgt Ion: 98 Resp: 627849
Ion Ratio Lower Upper
98 100
100 64.6 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 55.48 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068646.D
Acq: 17 Mar 2021 19:10

Tgt Ion: 95 Resp: 214015
Ion Ratio Lower Upper
95 100
174 85.3 0.0 172.4
176 83.1 0.0 168.4

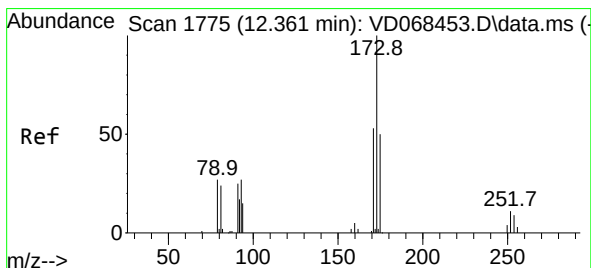
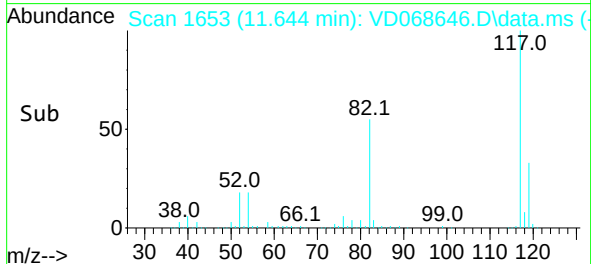
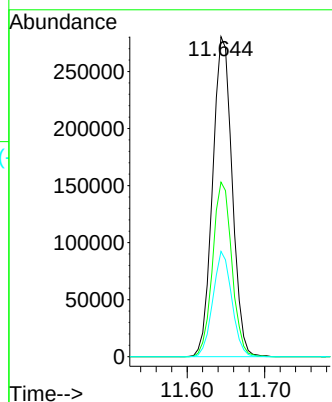
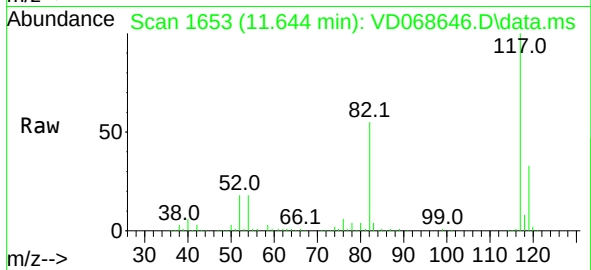




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068646.D
Acq: 17 Mar 2021 19:10

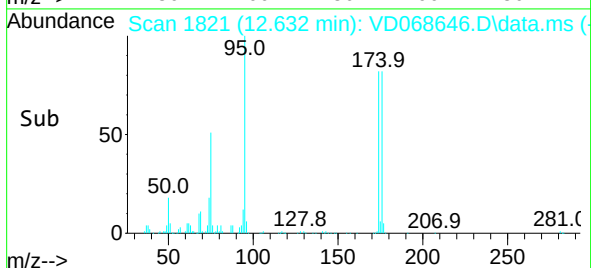
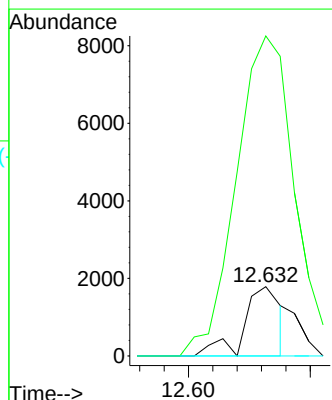
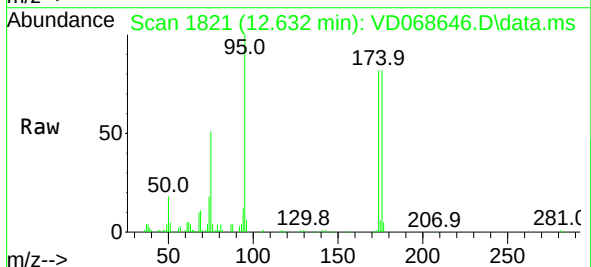
Instrument :
MSVOA_D
ClientSampleId :

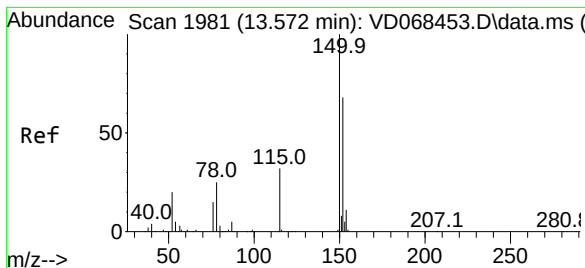
Tgt Ion:117 Resp: 490906
Ion Ratio Lower Upper
117 100
82 54.6 41.4 62.0
119 32.9 26.1 39.1



#71
Bromoform
Concen: 1.07 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.271 min
Lab File: VD068646.D
Acq: 17 Mar 2021 19:10

Tgt Ion:173 Resp: 1885
Ion Ratio Lower Upper
173 100
175 589.0 24.6 73.8#
254 0.0 0.0 0.0

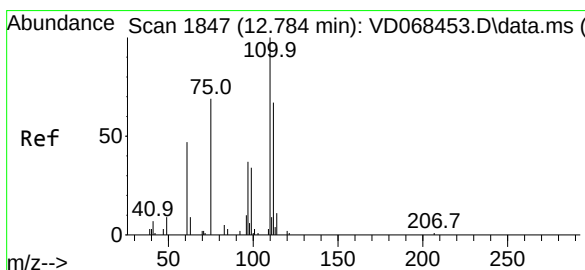
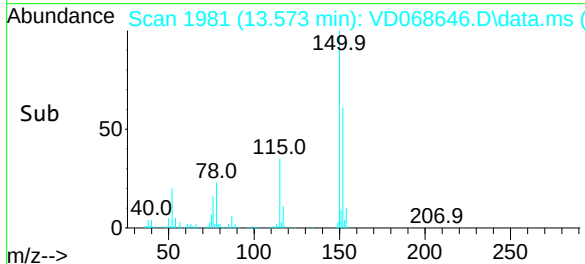
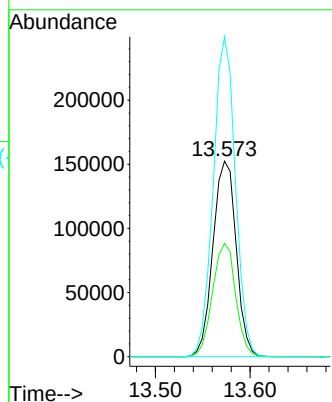
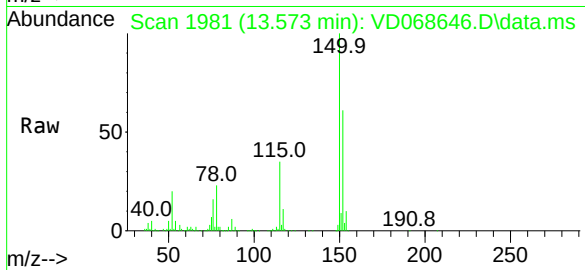




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068646.D
Acq: 17 Mar 2021 19:10

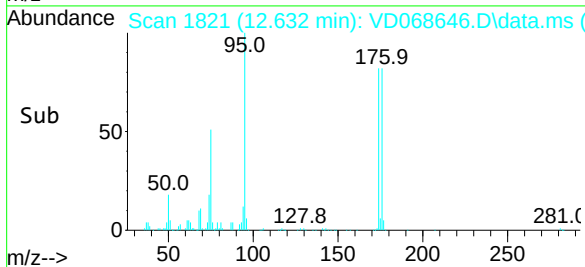
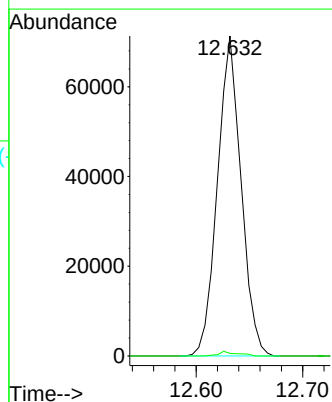
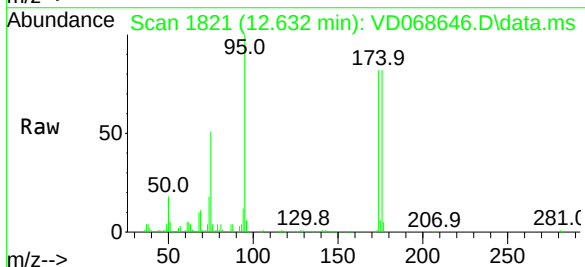
Instrument :
MSVOA_D
ClientSampled :

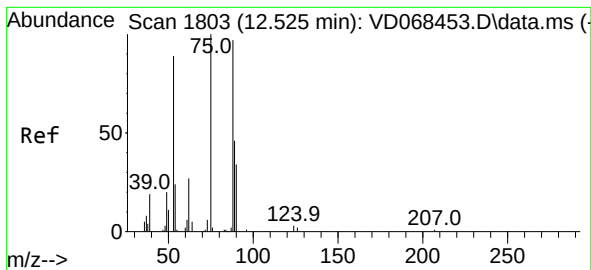
Tgt Ion:152 Resp: 259634
Ion Ratio Lower Upper
152 100
115 57.8 28.9 86.8
150 156.0 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 47.64 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.152 min
Lab File: VD068646.D
Acq: 17 Mar 2021 19:10

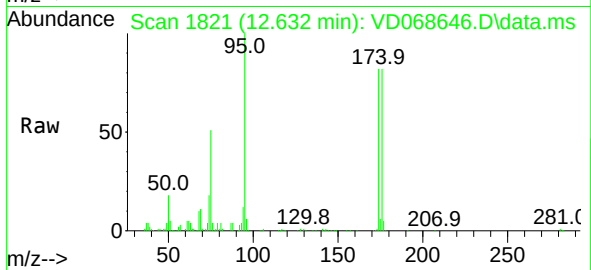
Tgt Ion: 75 Resp: 109806
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 111.17 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068646.D
 Acq: 17 Mar 2021 19:10

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 109806
 Ion Ratio Lower Upper
 75 100
 53 0.1 70.2 105.2#
 89 0.0 40.3 60.5#

