

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021921\
 Data File : VD068399.D
 Acq On : 19 Feb 2021 14:44
 Operator : VA/SY
 Sample : M1450-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-TT-VPB-RW6-GW-578-580

Quant Time: Feb 19 23:30:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 12 13:30:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	311719	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	601530	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	545538	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	215117	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	190318	59.72	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.44%
35) Dibromofluoromethane	7.914	113	186500	52.23	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.46%
50) Toluene-d8	10.344	98	756953	51.15	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.30%
62) 4-Bromofluorobenzene	12.632	95	230220	47.76	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.52%

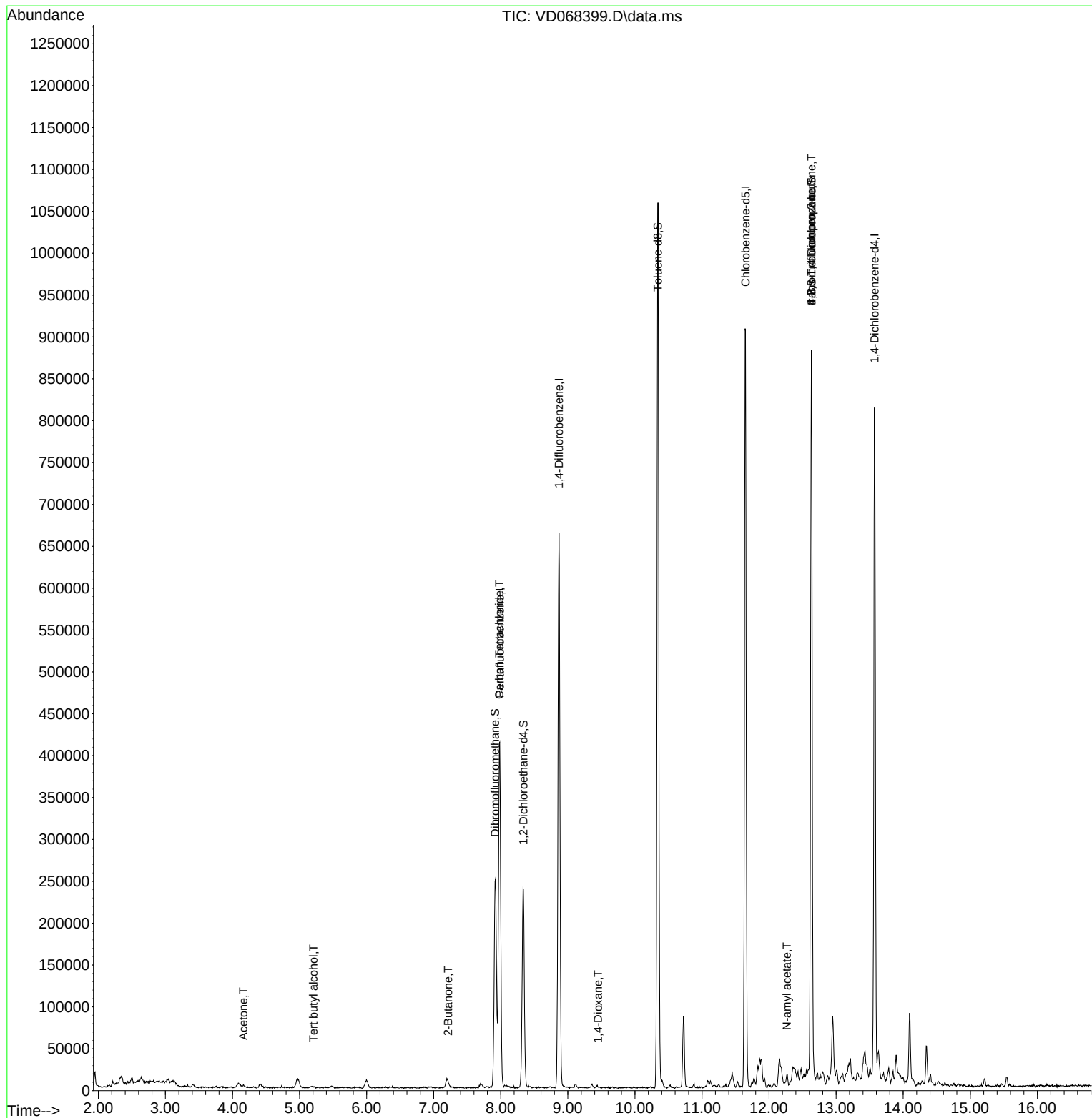
Target Compounds						Qvalue
11) Tert butyl alcohol	5.208	59	640	4.01	ug/l #	74
16) Acetone	4.161	43	5174	10.52	ug/l #	87
20) Methylene Chloride	4.967	84	9710	Below Cal	#	91
25) 2-Butanone	7.214	43	856	1.25	ug/l #	43
31) Cyclohexane	7.991	56	7914	Below Cal	#	42
38) Carbon Tetrachloride	7.979	117	31057	6.12	ug/l #	17
49) 1,4-Dioxane	9.449	88	115	4.90	ug/l #	1
74) N-amyl acetate	12.267	43	3099	1.12	ug/l #	51
76) 1,2,3-Trichloropropane	12.632	75	122074	59.63	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	122074	149.48	ug/l #	14

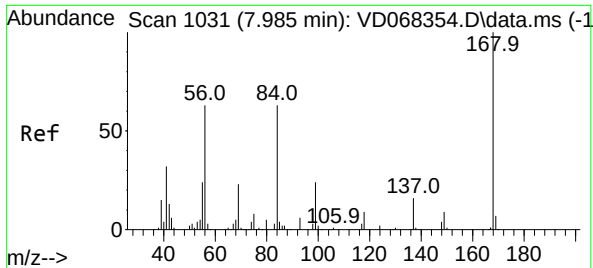
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Feb 12 13:30:51 2021
Response via : Initial Calibration

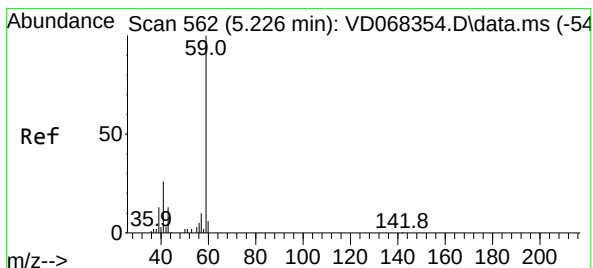
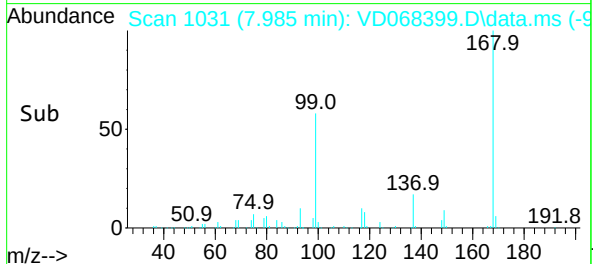
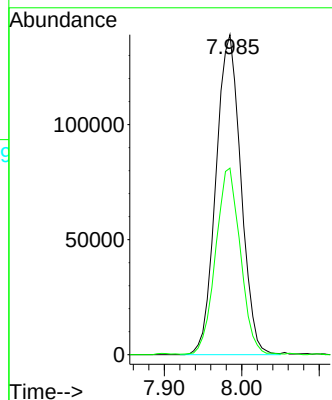
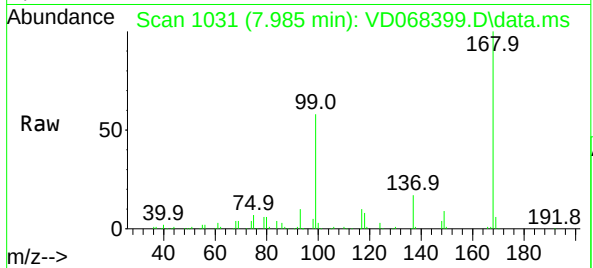




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068399.D
Acq: 19 Feb 2021 14:44

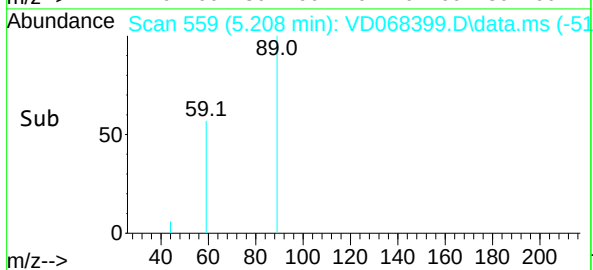
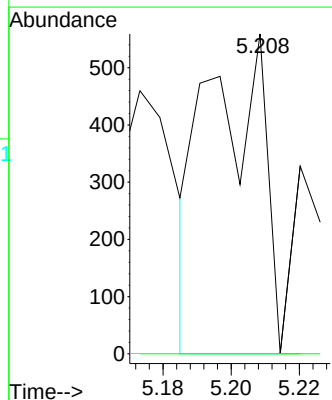
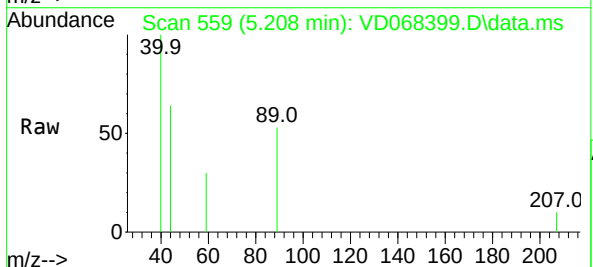
Instrument :
MSVOA_D
ClientSampleId :
BP-TT-VPB-RW6-GW-578-580

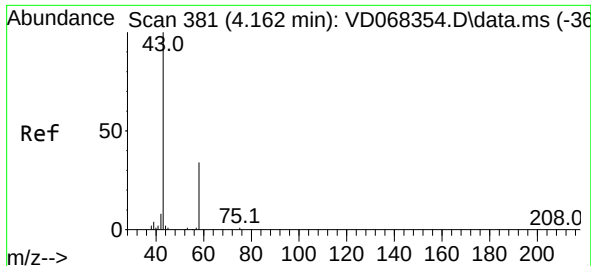
Tgt Ion:168 Resp: 311719
Ion Ratio Lower Upper
168 100
99 58.2 43.5 65.3



#11
Tert butyl alcohol
Concen: 4.01 ug/l
RT: 5.208 min Scan# 559
Delta R.T. -0.018 min
Lab File: VD068399.D
Acq: 19 Feb 2021 14:44

Tgt Ion: 59 Resp: 640
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

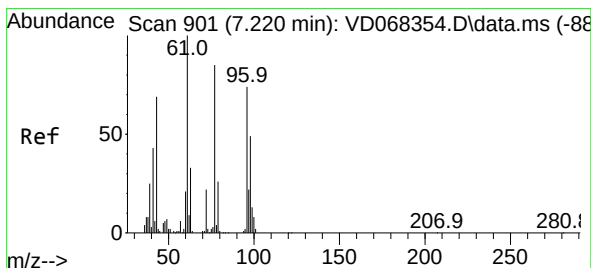
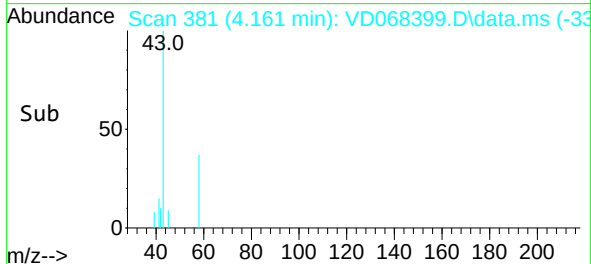
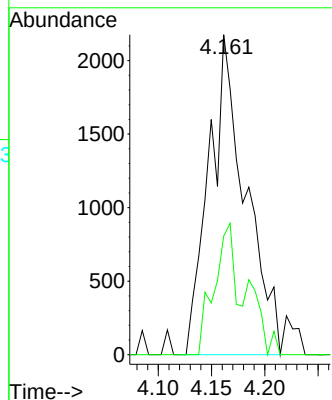
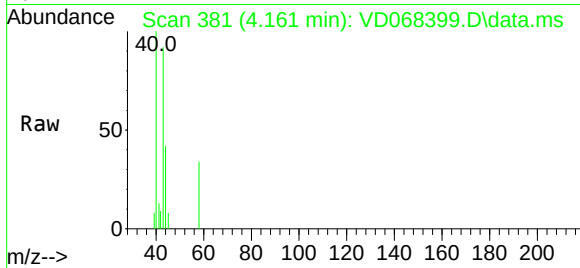




#16
Acetone
Concen: 10.52 ug/l
RT: 4.161 min Scan# 381
Delta R.T. -0.000 min
Lab File: VD068399.D
Acq: 19 Feb 2021 14:44

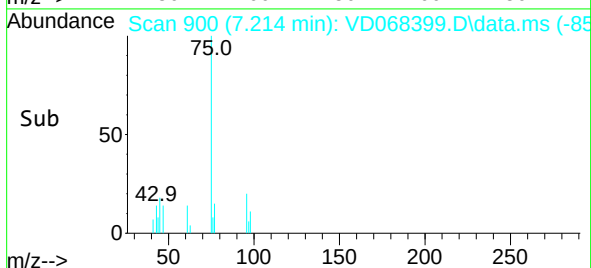
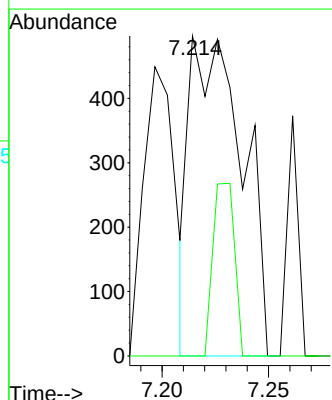
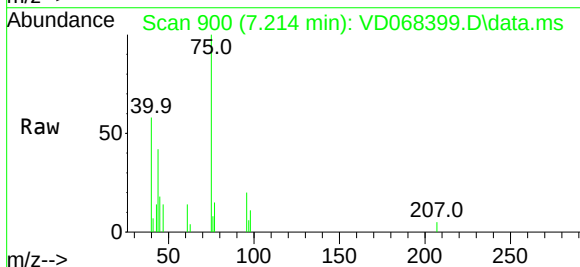
Instrument :
MSVOA_D
ClientSampleId :
BP-TT-VPB-RW6-GW-578-580

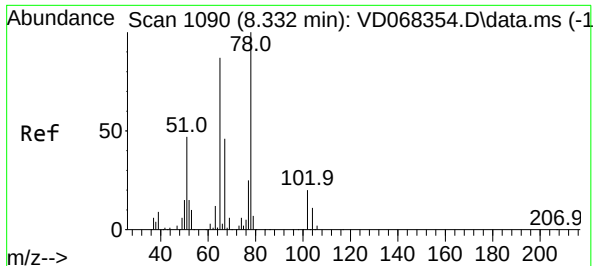
Tgt Ion: 43 Resp: 5174
Ion Ratio Lower Upper
43 100
58 37.1 24.2 36.4#



#25
2-Butanone
Concen: 1.25 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.006 min
Lab File: VD068399.D
Acq: 19 Feb 2021 14:44

Tgt Ion: 43 Resp: 856
Ion Ratio Lower Upper
43 100
72 0.0 25.1 37.7#

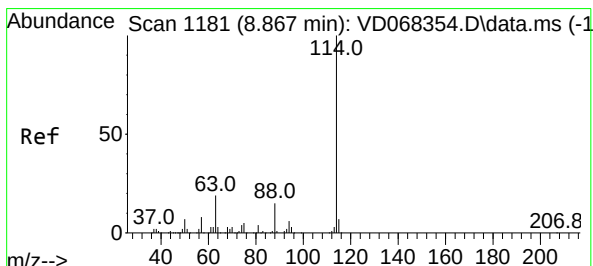
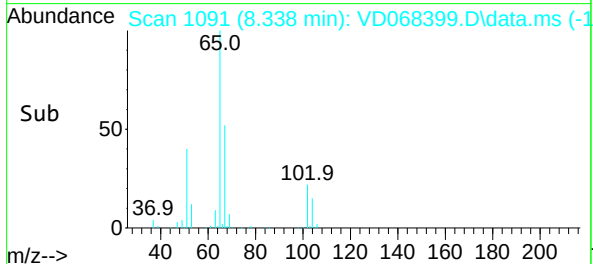
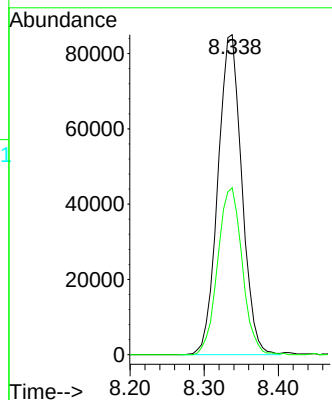
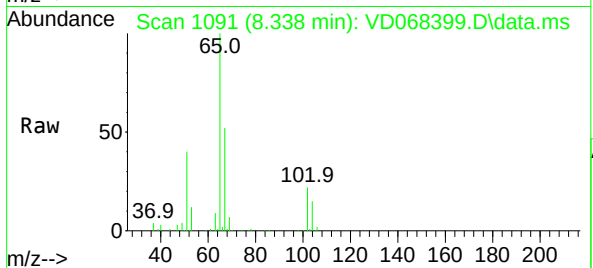




#33
1,2-Dichloroethane-d4
Concen: 59.72 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VD068399.D
Acq: 19 Feb 2021 14:44

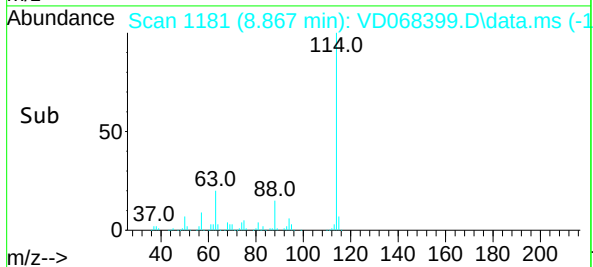
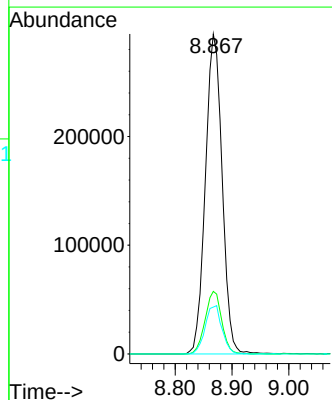
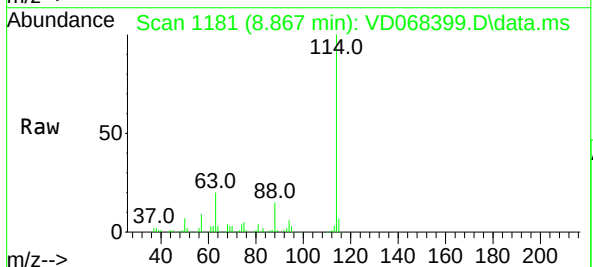
Instrument :
MSVOA_D
ClientSampleId :
BP-TT-VPB-RW6-GW-578-580

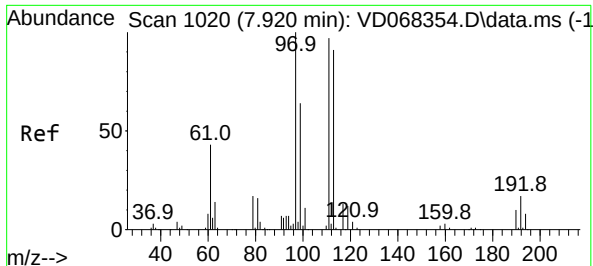
Tgt Ion: 65 Resp: 190318
Ion Ratio Lower Upper
65 100
67 53.5 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068399.D
Acq: 19 Feb 2021 14:44

Tgt Ion: 114 Resp: 601530
Ion Ratio Lower Upper
114 100
63 19.6 0.0 34.8
88 14.7 0.0 31.6





#35

Dibromofluoromethane

Concen: 52.23 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD068399.D

Acq: 19 Feb 2021 14:44

Tgt Ion:113 Resp: 186500

Ion Ratio Lower Upper

113 100

111 103.6 81.4 122.0

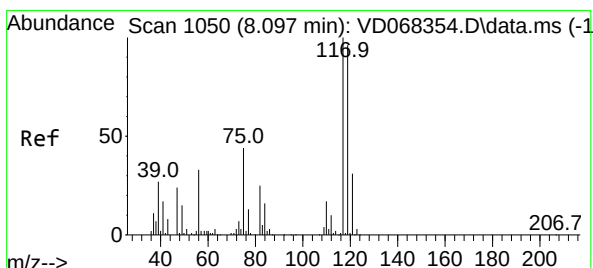
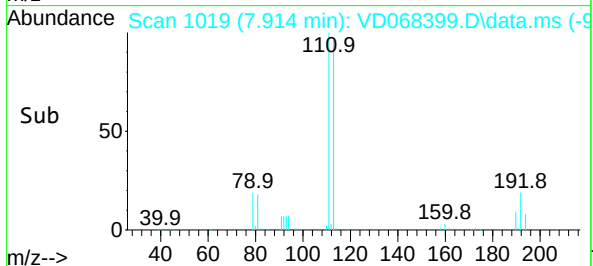
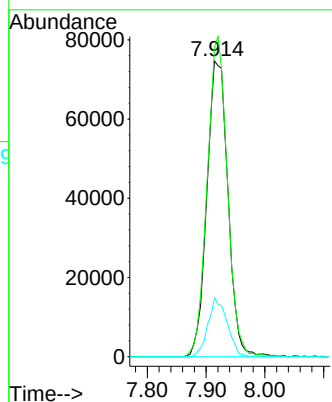
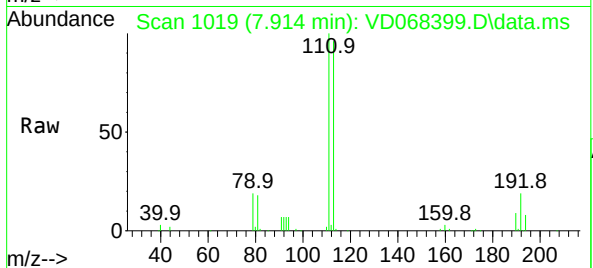
192 18.1 16.1 24.1

Instrument :

MSVOA_D

ClientSampleId :

BP-TT-VPB-RW6-GW-578-580



#38

Carbon Tetrachloride

Concen: 6.12 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.118 min

Lab File: VD068399.D

Acq: 19 Feb 2021 14:44

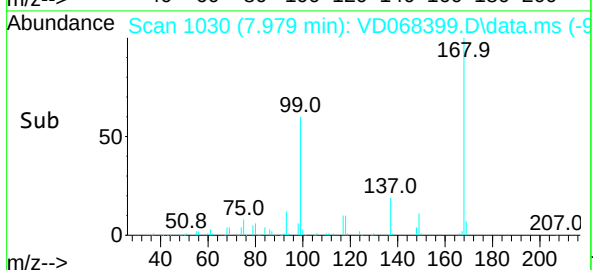
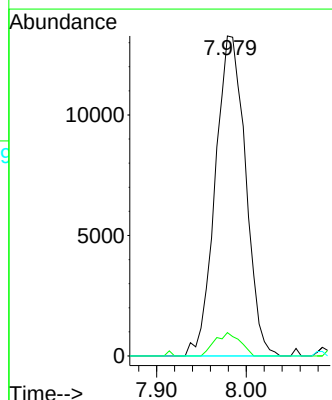
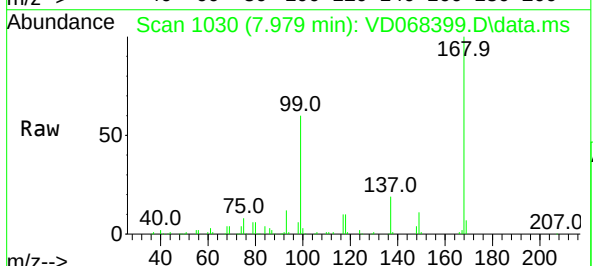
Tgt Ion:117 Resp: 31057

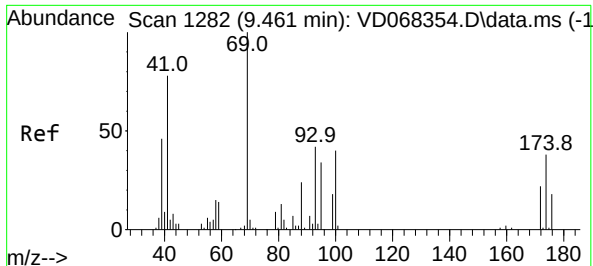
Ion Ratio Lower Upper

117 100

119 7.3 77.3 115.9#

121 0.0 24.7 37.1#

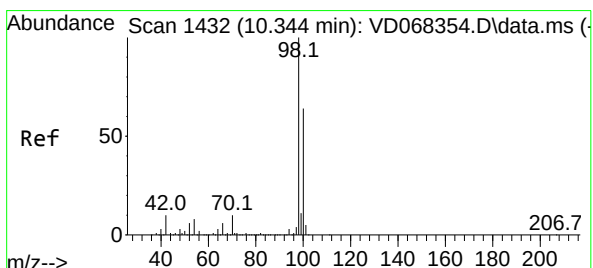
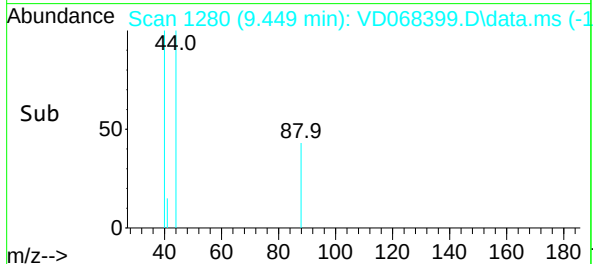
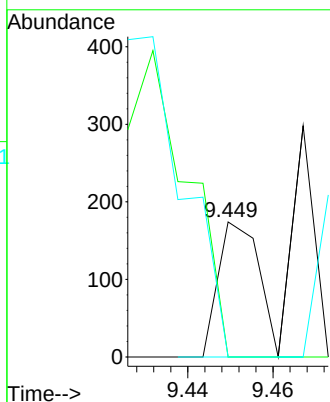
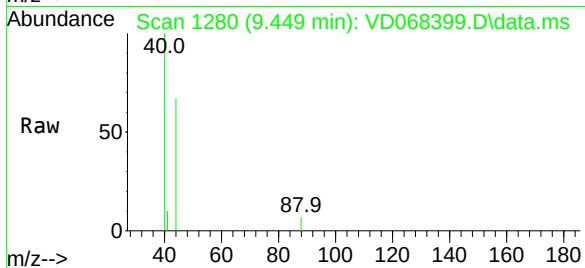




#49
1,4-Dioxane
Concen: 4.90 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. -0.012 min
Lab File: VD068399.D
Acq: 19 Feb 2021 14:44

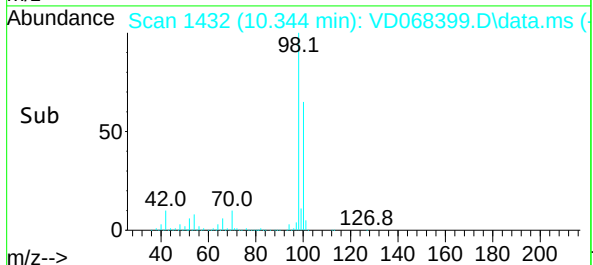
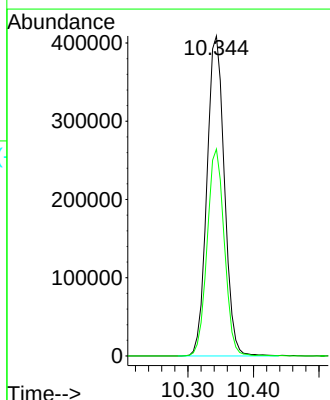
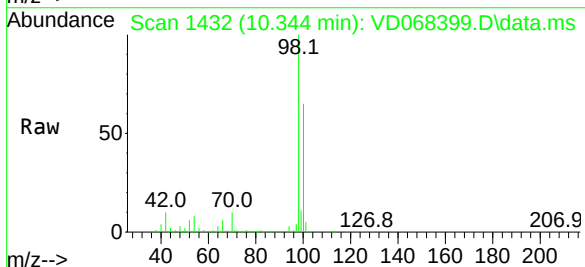
Instrument :
MSVOA_D
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BP-TT-VPB-RW6-GW-578-580

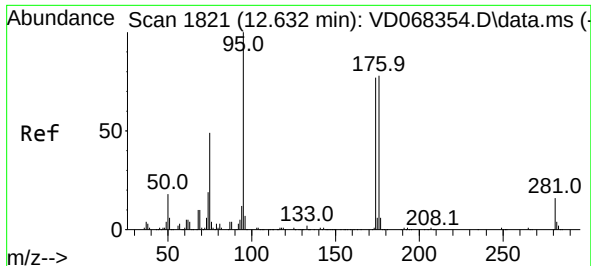
Tgt Ion: 88 Resp: 115
Ion Ratio Lower Upper
88 100
43 451.3 22.1 33.1#
58 488.7 46.7 70.1#



#50
Toluene-d8
Concen: 51.15 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068399.D
Acq: 19 Feb 2021 14:44

Tgt Ion: 98 Resp: 756953
Ion Ratio Lower Upper
98 100
100 63.5 53.0 79.4

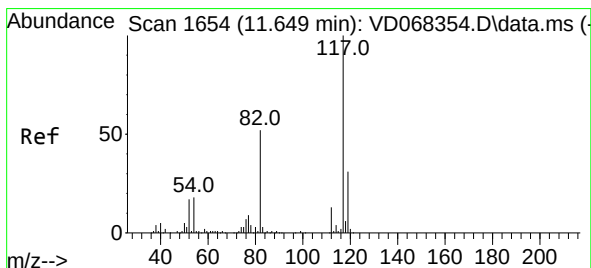
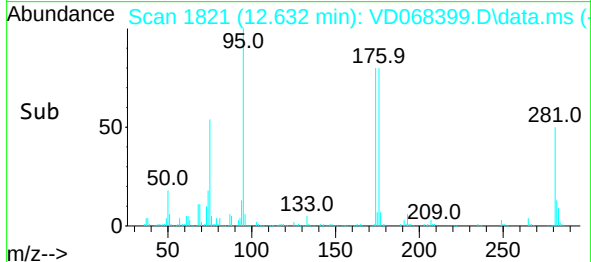
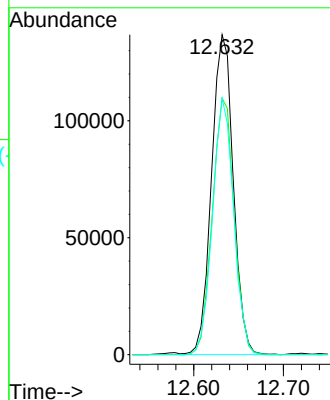
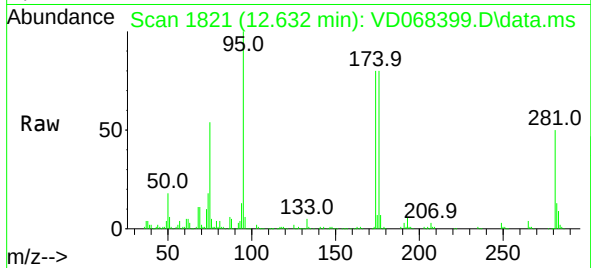




#62
4-Bromofluorobenzene
Concen: 47.76 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068399.D
Acq: 19 Feb 2021 14:44

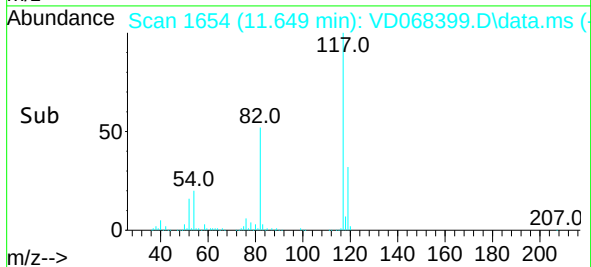
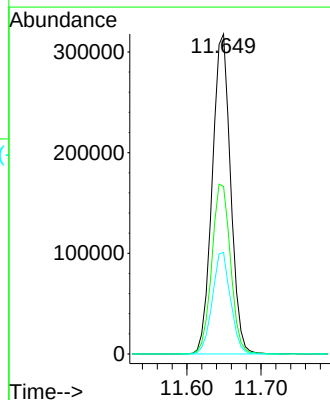
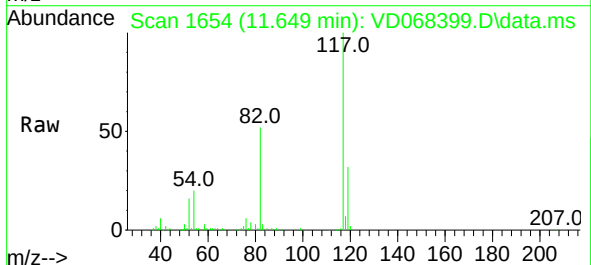
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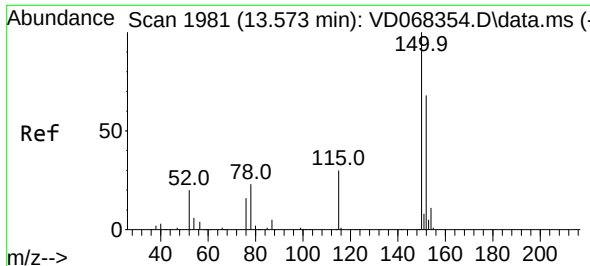
Tgt Ion: 95 Resp: 230220
Ion Ratio Lower Upper
95 100
174 80.3 0.0 172.4
176 78.0 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. -0.000 min
Lab File: VD068399.D
Acq: 19 Feb 2021 14:44

Tgt Ion: 117 Resp: 545538
Ion Ratio Lower Upper
117 100
82 52.3 41.4 62.0
119 31.7 26.1 39.1

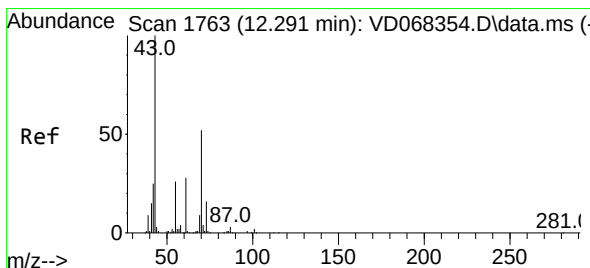
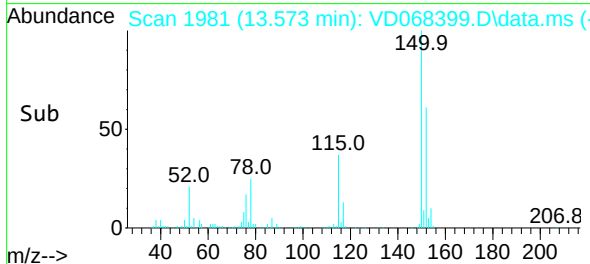
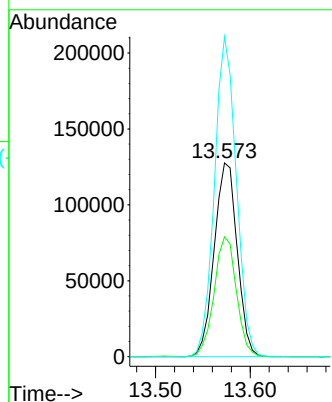
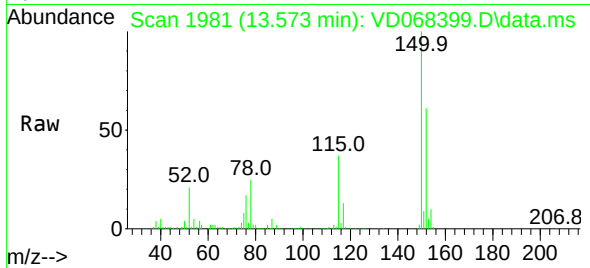




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068399.D
Acq: 19 Feb 2021 14:44

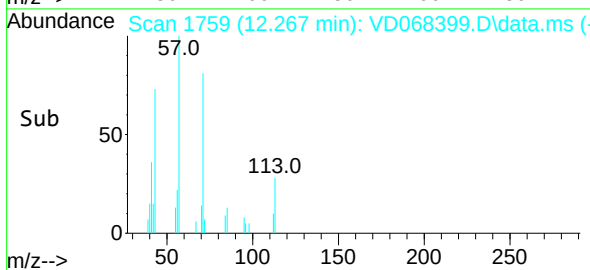
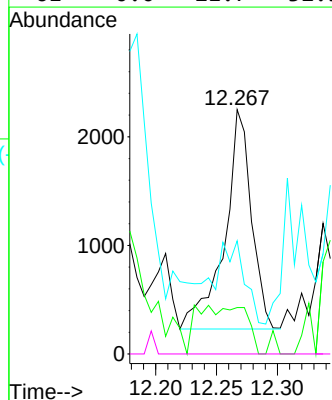
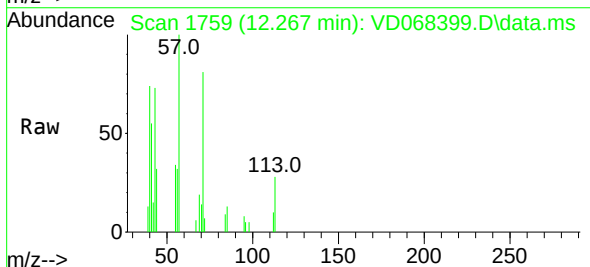
Instrument :
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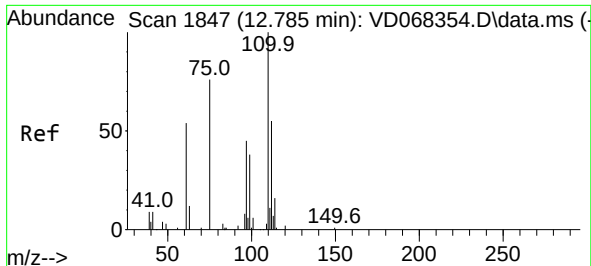
Tgt Ion:152 Resp: 215117
Ion Ratio Lower Upper
152 100
115 60.2 28.9 86.8
150 157.4 0.0 344.4



#74
N-ethyl acetate
Concen: 1.12 ug/l
RT: 12.267 min Scan# 1759
Delta R.T. -0.024 min
Lab File: VD068399.D
Acq: 19 Feb 2021 14:44

Tgt Ion: 43 Resp: 3099
Ion Ratio Lower Upper
43 100
70 0.0 41.8 62.8#
55 31.8 24.2 36.4
61 0.0 21.7 32.5#

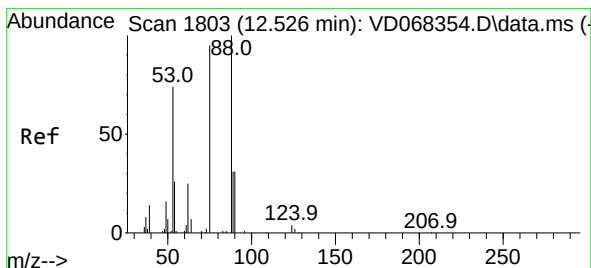
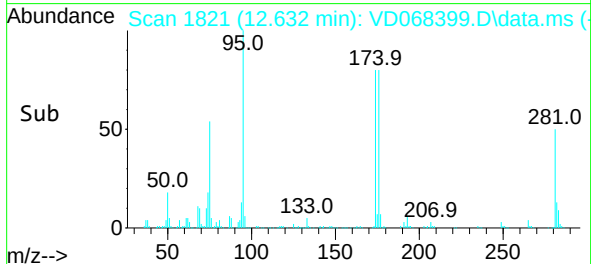
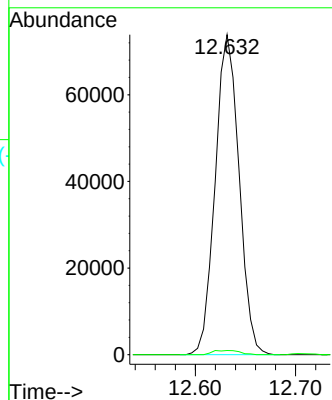
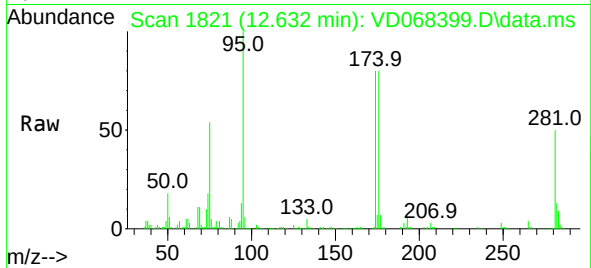




#76
1,2,3-Trichloropropane
Concen: 59.63 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068399.D
Acq: 19 Feb 2021 14:44

Instrument :
MSVOA_D
ClientSampleId :
BP-TT-VPB-RW6-GW-578-580

Tgt Ion: 75 Resp: 122074
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 149.48 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068399.D
Acq: 19 Feb 2021 14:44

Tgt Ion: 75 Resp: 122074
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.8 40.3 60.5#

