

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021921\
 Data File : VD068398.D
 Acq On : 19 Feb 2021 14:17
 Operator : VA/SY
 Sample : M1434-01
 Misc : 5.26G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SAND-SOIL-PILE

Quant Time: Feb 19 23:30:38 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)

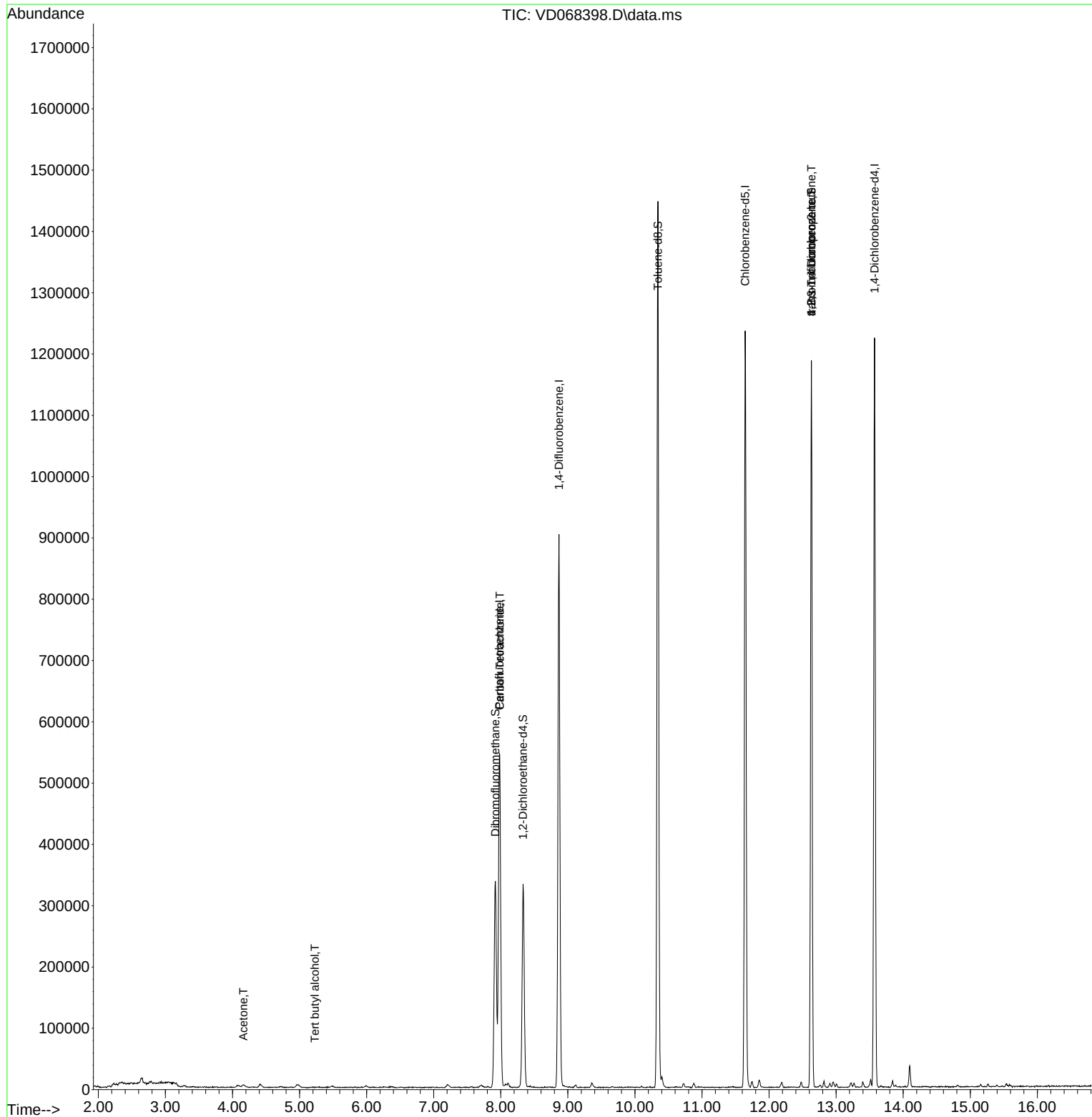
Internal Standards						
1) Pentafluorobenzene	7.979	168	409661	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	793643	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	742728	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	329523	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	255574	61.02	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 122.04%		
35) Dibromofluoromethane	7.920	113	249366	52.93	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 105.86%		
50) Toluene-d8	10.344	98	1011889	51.82	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 103.64%		
62) 4-Bromofluorobenzene	12.632	95	322487	50.70	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 101.40%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	5.226	59	245	1.17	ug/l #	74
16) Acetone	4.162	43	8683	13.44	ug/l	95
20) Methylene Chloride	4.973	84	4207	Below Cal		92
38) Carbon Tetrachloride	7.985	117	43494	6.49	ug/l #	15
76) 1,2,3-Trichloropropane	12.632	75	168315	53.68	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	168315	134.55	ug/l #	14

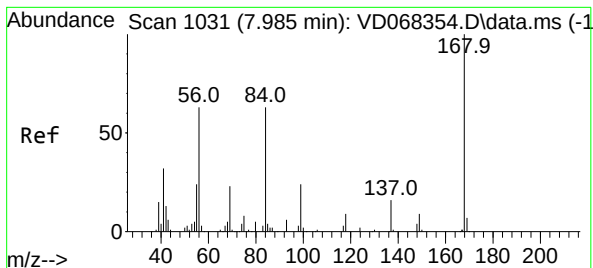
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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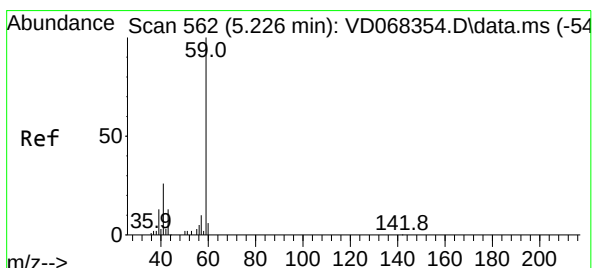
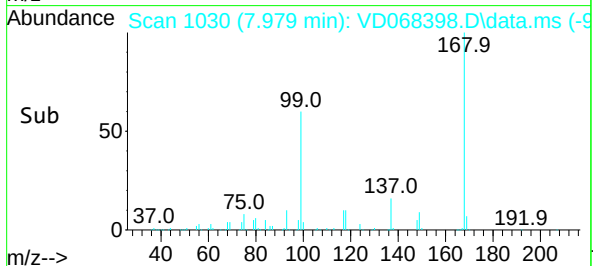
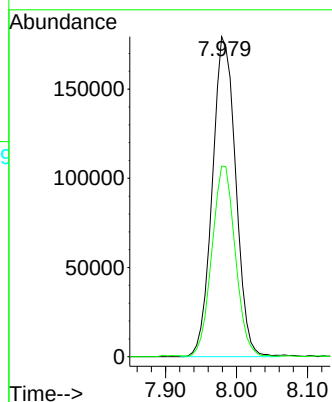
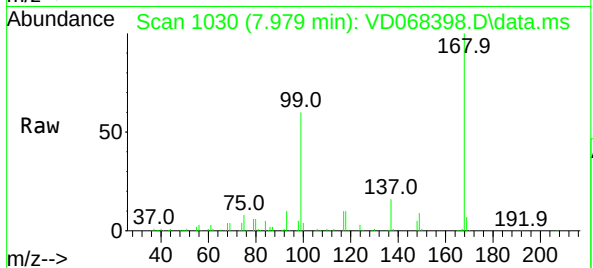


#1

Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.979 min Scan# 1030
 Delta R.T. -0.006 min
 Lab File: VD068398.D
 Acq: 19 Feb 2021 14:17

Instrument :
 MSVOA_D
 ClientSampleId :
 SAND-SOIL-PILE

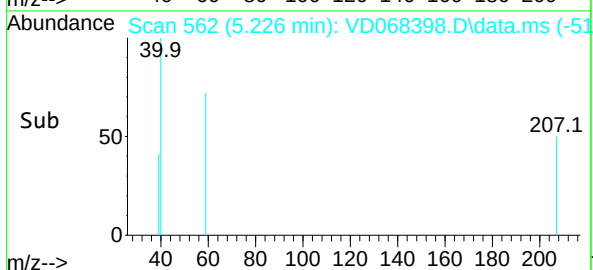
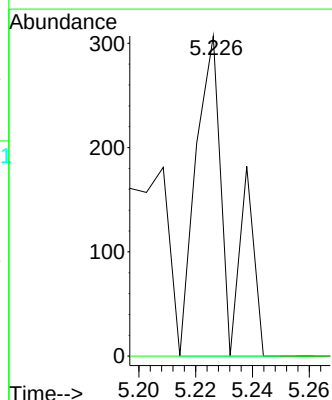
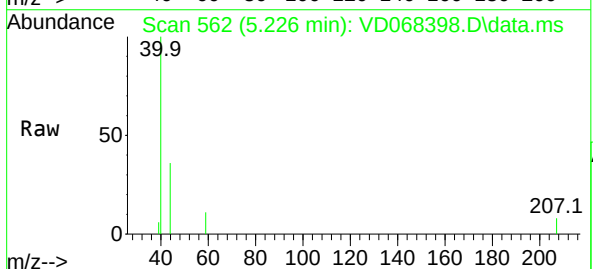
Tgt Ion:168 Resp: 409661
 Ion Ratio Lower Upper
 168 100
 99 59.3 43.5 65.3

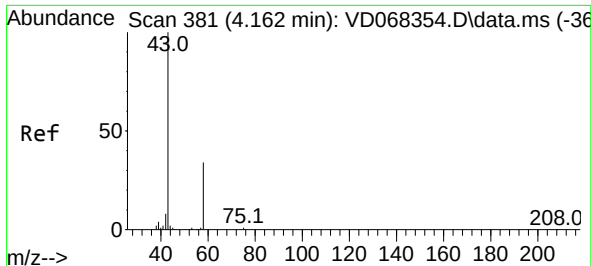


#11

Tert butyl alcohol
 Concen: 1.17 ug/l
 RT: 5.226 min Scan# 562
 Delta R.T. -0.000 min
 Lab File: VD068398.D
 Acq: 19 Feb 2021 14:17

Tgt Ion: 59 Resp: 245
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.4 11.2#

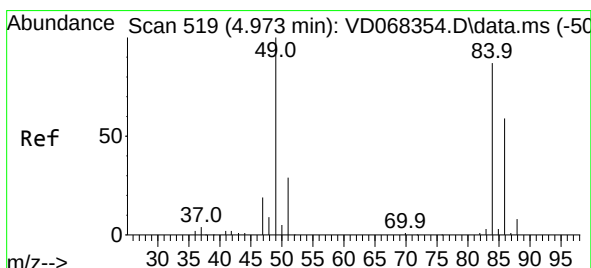
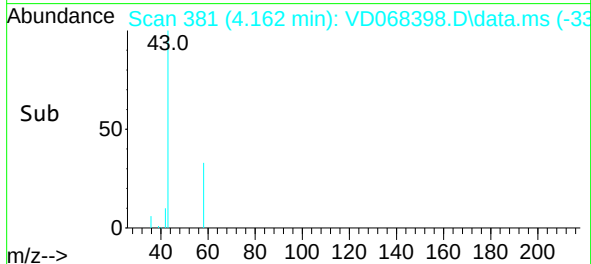
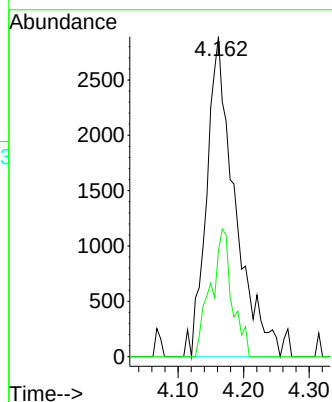
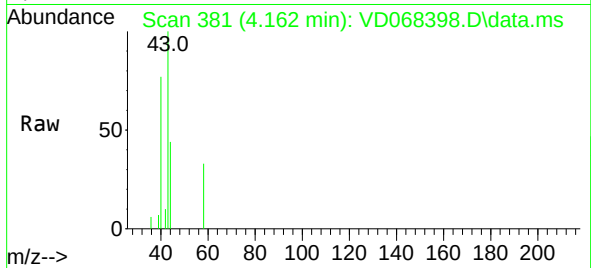




#16
Acetone
Concen: 13.44 ug/l
RT: 4.162 min Scan# 381
Delta R.T. -0.000 min
Lab File: VD068398.D
Acq: 19 Feb 2021 14:17

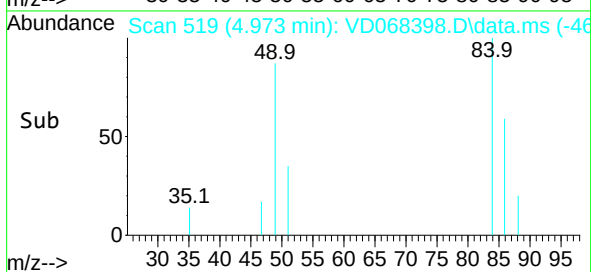
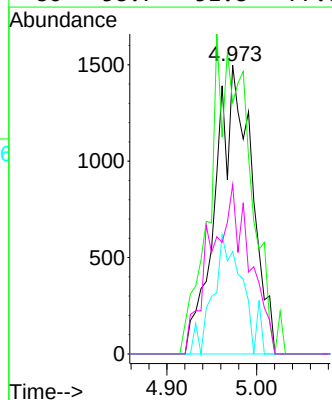
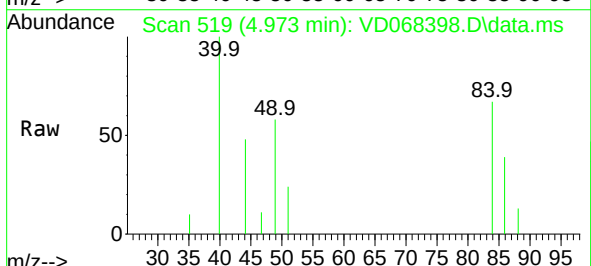
Instrument :
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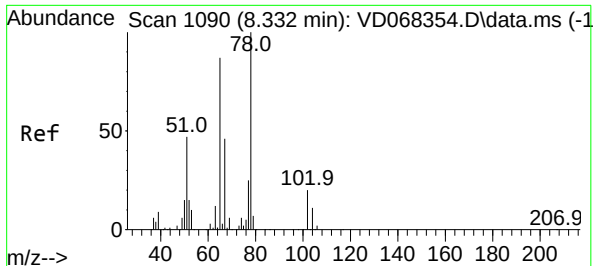
Tgt Ion: 43 Resp: 8683
Ion Ratio Lower Upper
43 100
58 33.1 24.2 36.4



#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.000 min
Lab File: VD068398.D
Acq: 19 Feb 2021 14:17

Tgt Ion: 84 Resp: 4207
Ion Ratio Lower Upper
84 100
49 87.1 77.4 116.2
51 35.5 26.1 39.1
86 58.7 51.8 77.8

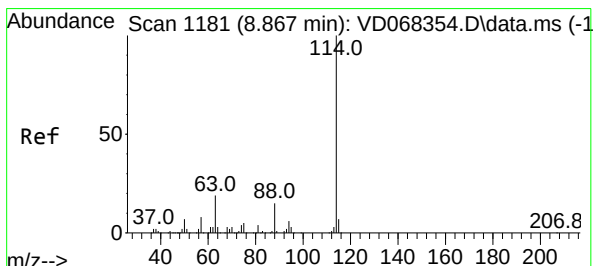
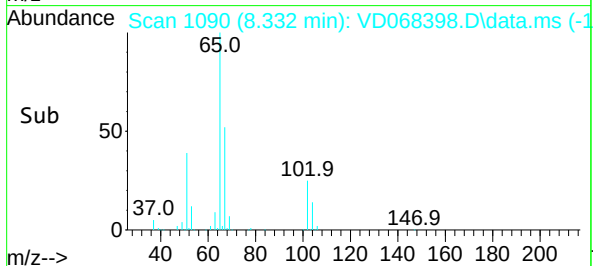
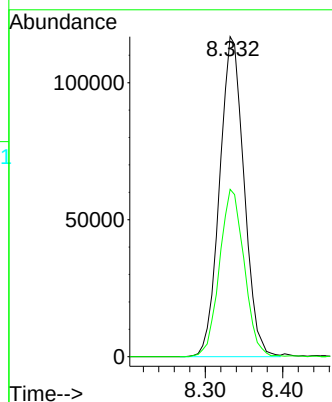
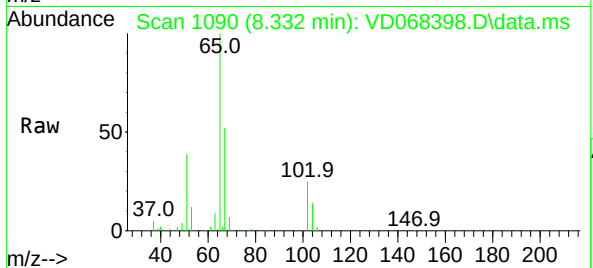




#33
1,2-Dichloroethane-d4
Concen: 61.02 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068398.D
Acq: 19 Feb 2021 14:17

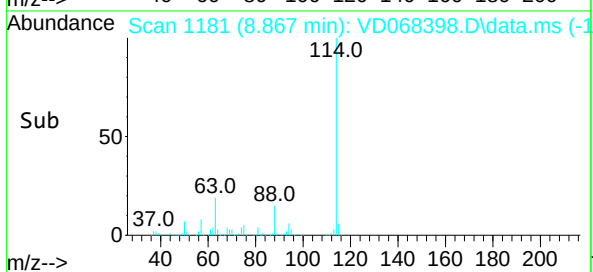
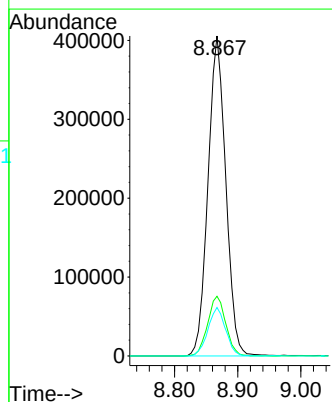
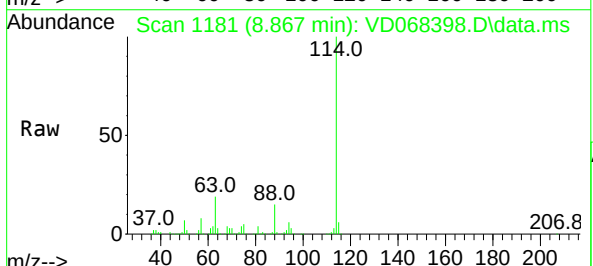
Instrument :
MSVOA_D
ClientSampleId :
SAND-SOIL-PILE

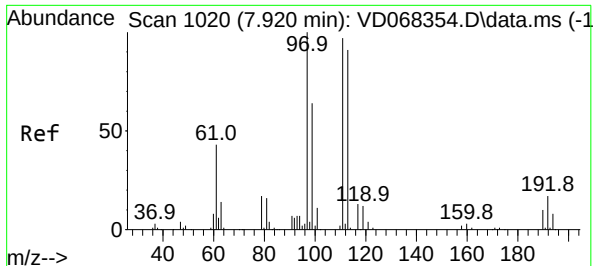
Tgt Ion: 65 Resp: 255574
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068398.D
Acq: 19 Feb 2021 14:17

Tgt Ion: 114 Resp: 793643
Ion Ratio Lower Upper
114 100
63 18.7 0.0 34.8
88 15.1 0.0 31.6





#35

Dibromofluoromethane

Concen: 52.93 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. -0.000 min

Lab File: VD068398.D

Acq: 19 Feb 2021 14:17

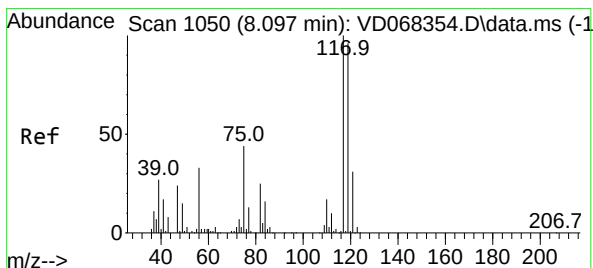
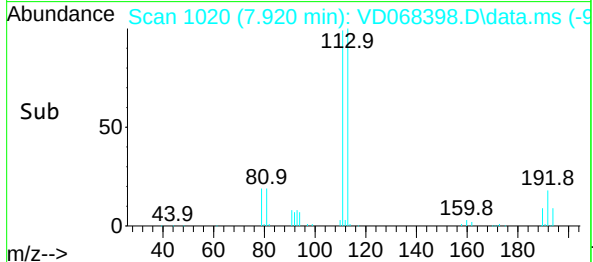
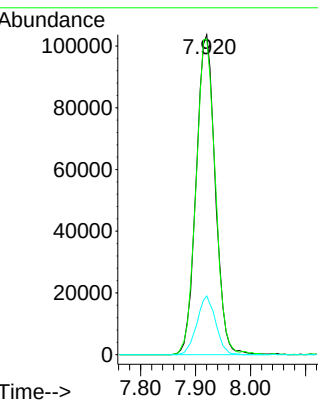
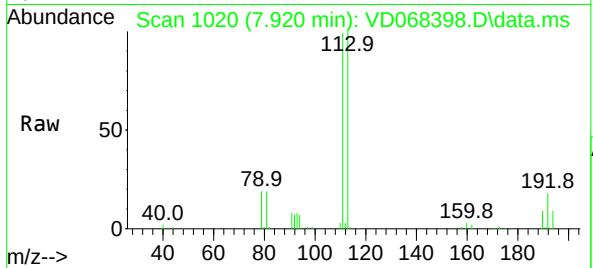
Tgt Ion:113 Resp: 249366

Ion Ratio Lower Upper

113 100

111 100.0 81.4 122.0

192 18.1 16.1 24.1



#38

Carbon Tetrachloride

Concen: 6.49 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.112 min

Lab File: VD068398.D

Acq: 19 Feb 2021 14:17

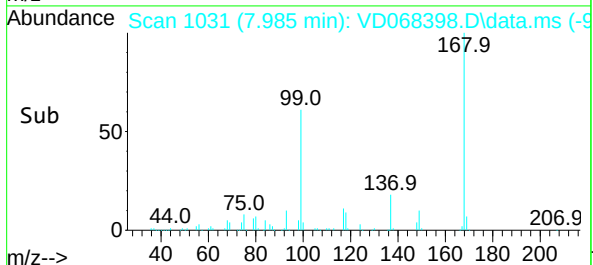
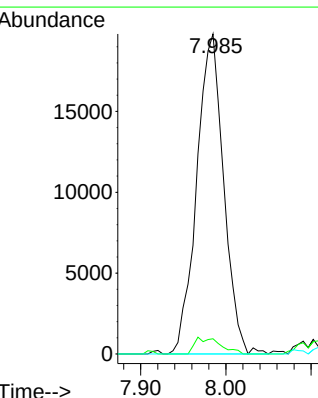
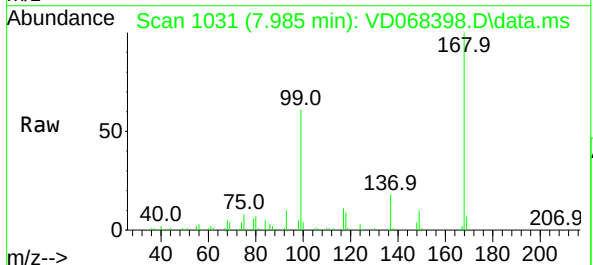
Tgt Ion:117 Resp: 43494

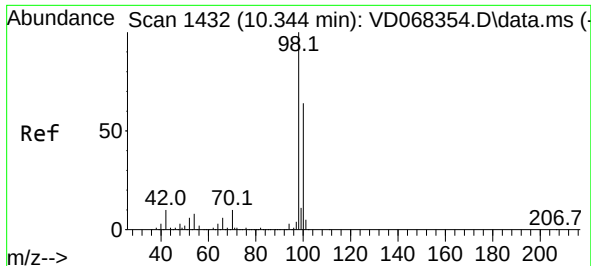
Ion Ratio Lower Upper

117 100

119 4.8 77.3 115.9#

121 0.0 24.7 37.1#

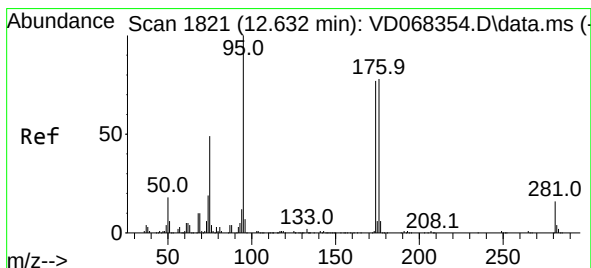
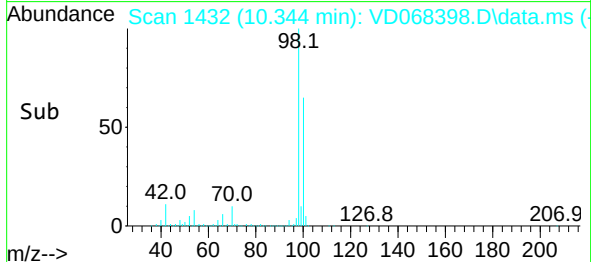
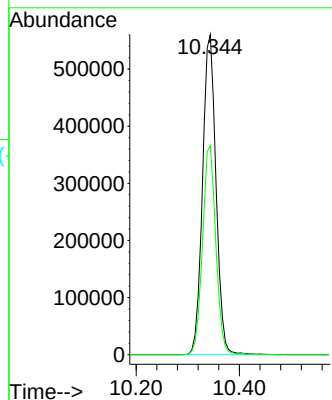
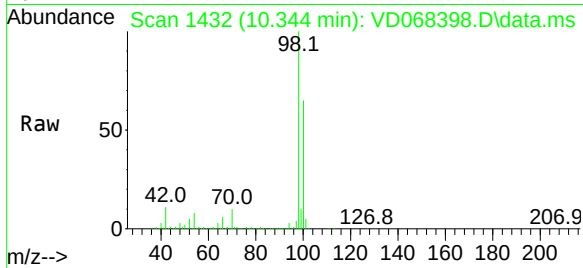




#50
Toluene-d8
Concen: 51.82 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068398.D
Acq: 19 Feb 2021 14:17

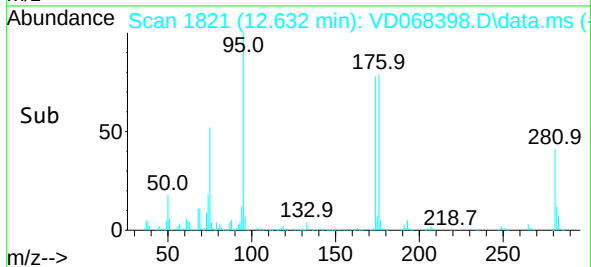
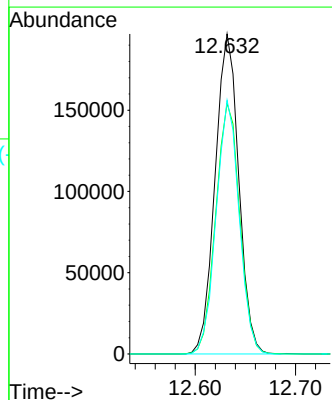
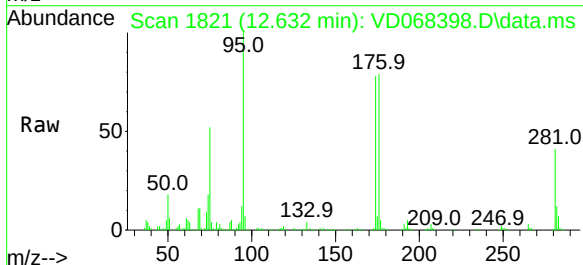
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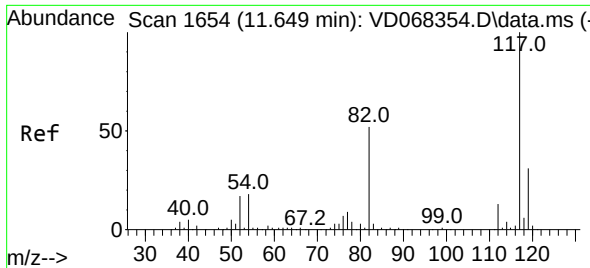
Tgt Ion: 98 Resp: 1011889
Ion Ratio Lower Upper
98 100
100 64.7 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 50.70 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068398.D
Acq: 19 Feb 2021 14:17

Tgt Ion: 95 Resp: 322487
Ion Ratio Lower Upper
95 100
174 79.4 0.0 172.4
176 77.1 0.0 168.4

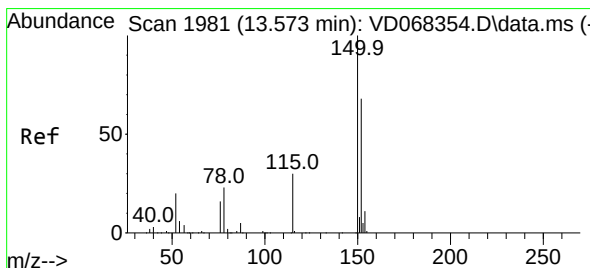
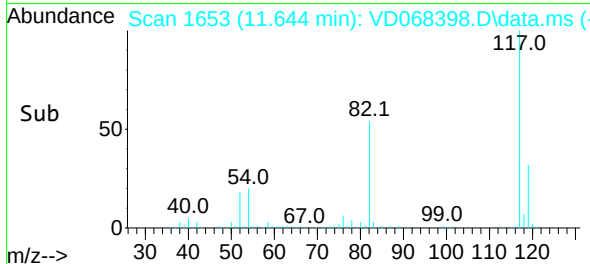
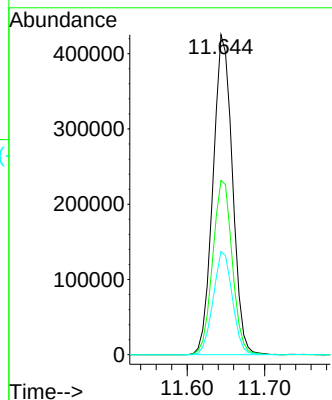
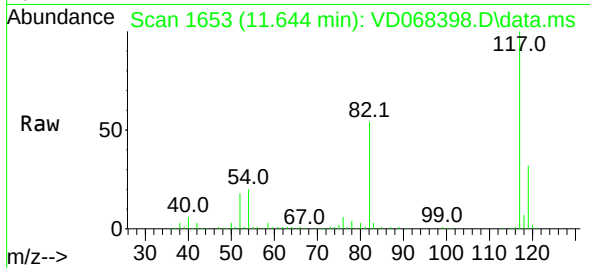




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068398.D
Acq: 19 Feb 2021 14:17

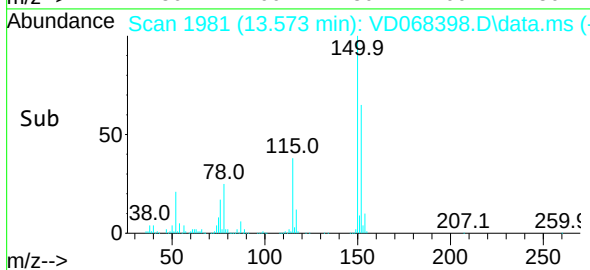
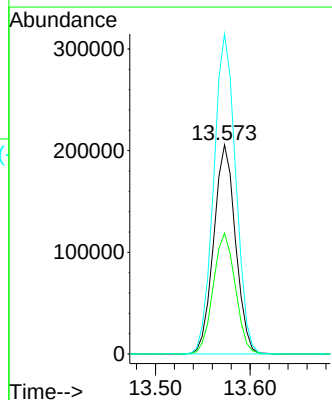
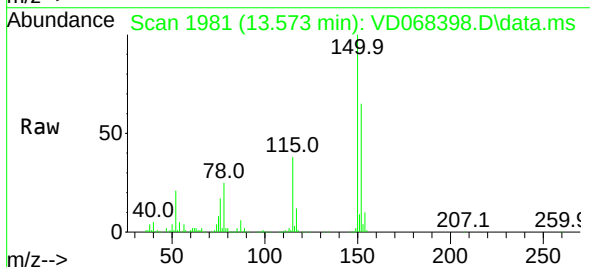
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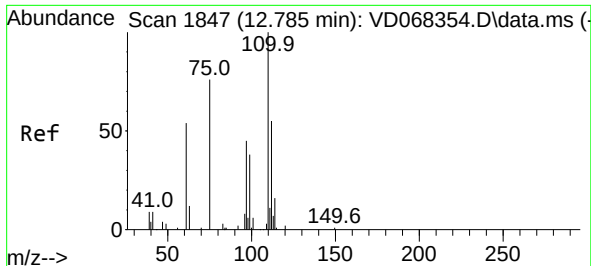
Tgt Ion:117 Resp: 742728
Ion Ratio Lower Upper
117 100
82 54.5 41.4 62.0
119 32.2 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068398.D
Acq: 19 Feb 2021 14:17

Tgt Ion:152 Resp: 329523
Ion Ratio Lower Upper
152 100
115 58.5 28.9 86.8
150 154.4 0.0 344.4

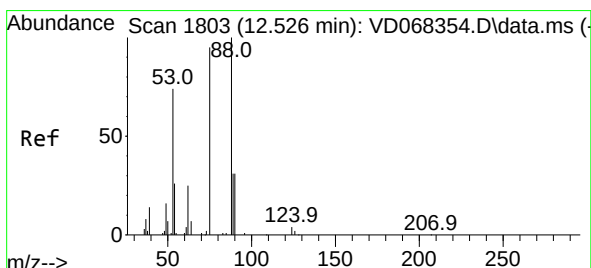
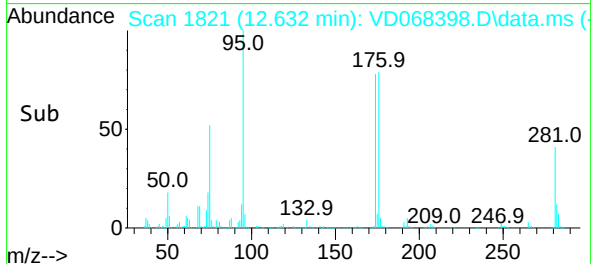
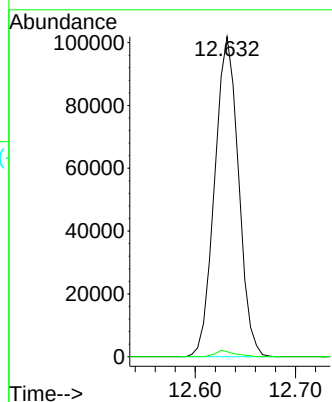
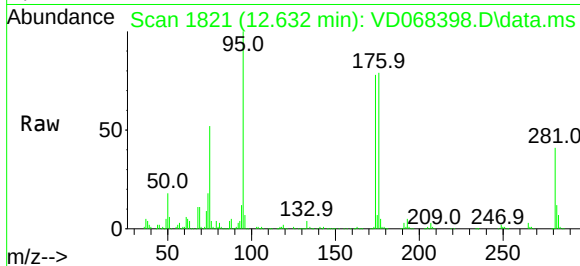




#76
1,2,3-Trichloropropane
Concen: 53.68 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068398.D
Acq: 19 Feb 2021 14:17

Instrument :
MSVOA_D
ClientSampleId :
SAND-SOIL-PILE

Tgt Ion: 75 Resp: 168315
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 134.55 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068398.D
Acq: 19 Feb 2021 14:17

Tgt Ion: 75 Resp: 168315
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.6 40.3 60.5#

