

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021721\
 Data File : VD068384.D
 Acq On : 17 Feb 2021 15:46
 Operator : VA/SY
 Sample : M1439-01
 Misc : 6.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-142-150

Quant Time: Feb 18 00:13:12 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)

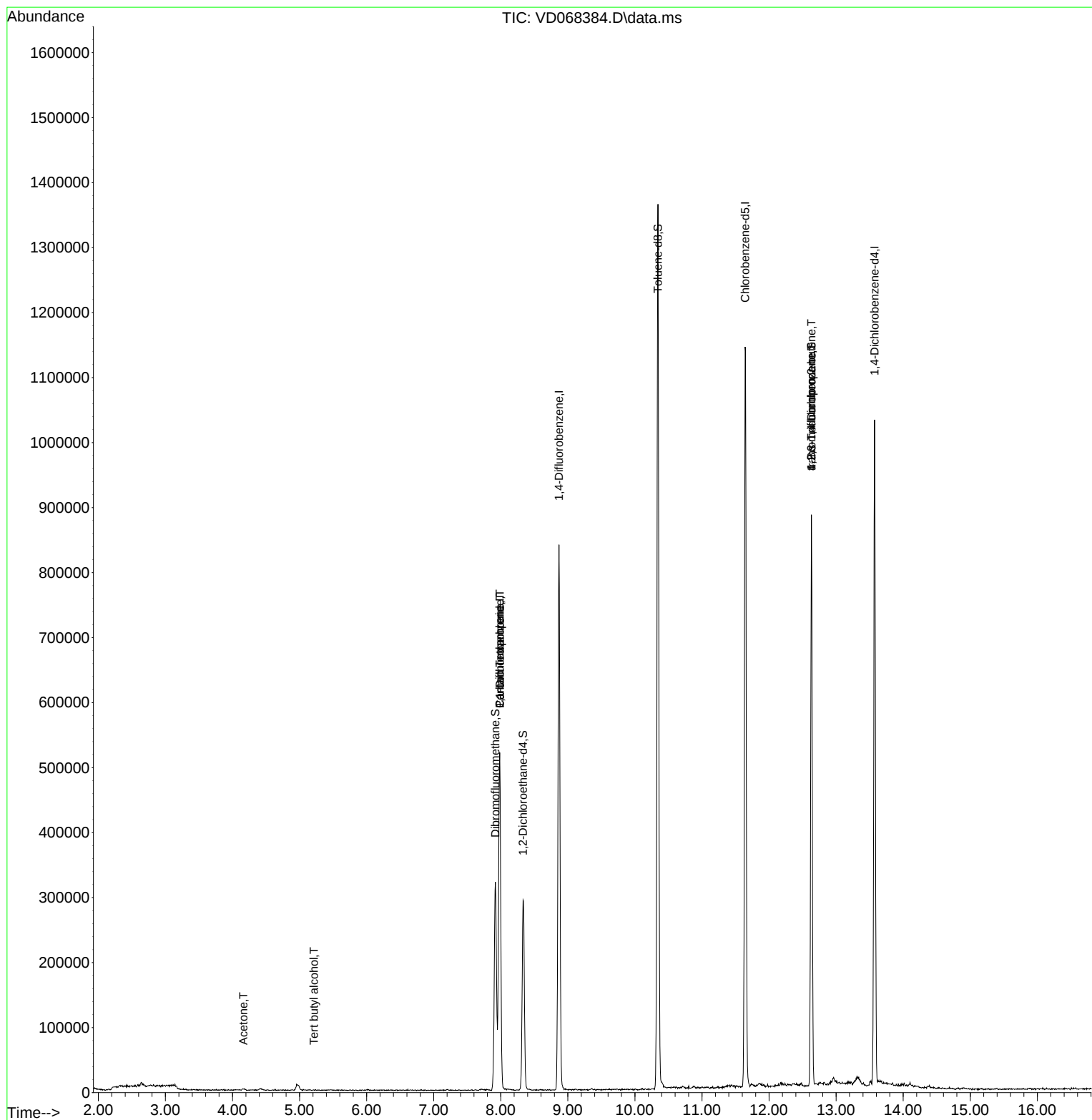
Internal Standards						
1) Pentafluorobenzene	7.985	168	383890	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	748423	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	690755	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	272452	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	239231	60.96	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 121.92%			
35) Dibromofluoromethane	7.920	113	231484	52.11	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.22%			
50) Toluene-d8	10.343	98	965581	52.44	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.88%			
62) 4-Bromofluorobenzene	12.631	95	293423	48.92	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.84%			
Target Compounds						
11) Tert butyl alcohol	5.214	59	251	1.28	ug/l #	74
16) Acetone	4.161	43	1733	2.86	ug/l #	66
20) Methylene Chloride	4.967	84	7163	Below Cal	#	76
31) Cyclohexane	7.973	56	8982	Below Cal	#	8
36) 1,1-Dichloropropene	7.985	75	32441	4.90	ug/l #	46
38) Carbon Tetrachloride	7.985	117	39871	6.31	ug/l #	17
76) 1,2,3-Trichloropropane	12.631	75	147010	56.70	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.631	75	147010	142.13	ug/l #	14

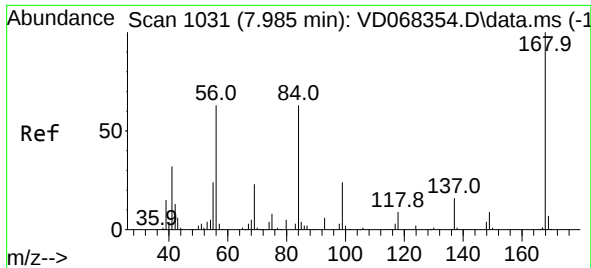
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_D
ClientSampleId :
SP-142-150

Quant Time: Feb 18 00:13:12 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

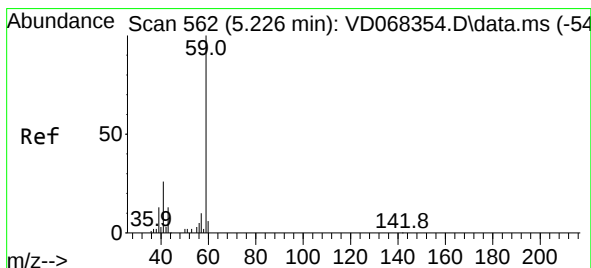
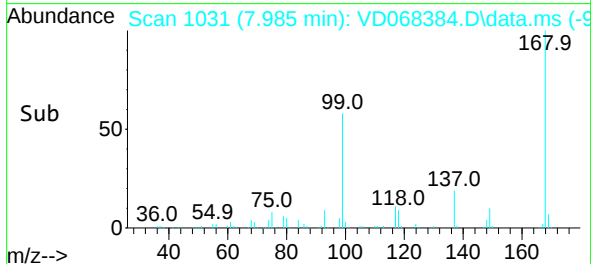
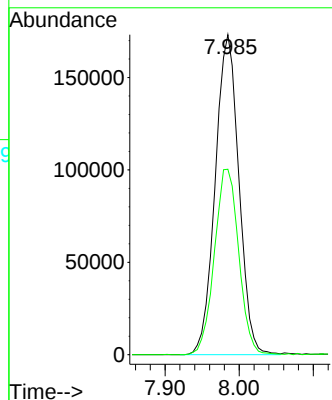
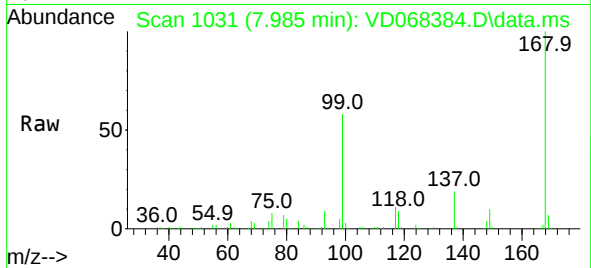




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068384.D
Acq: 17 Feb 2021 15:46

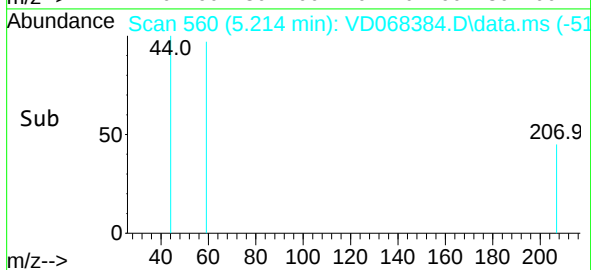
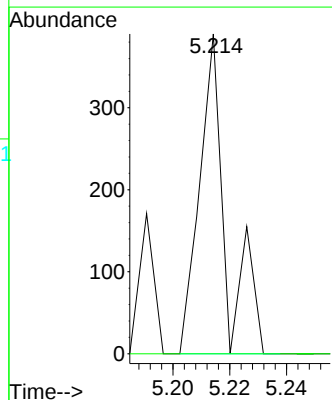
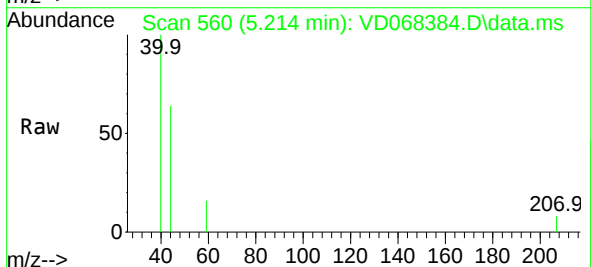
Instrument :
MSVOA_D
ClientSampleID :
SP-142-150

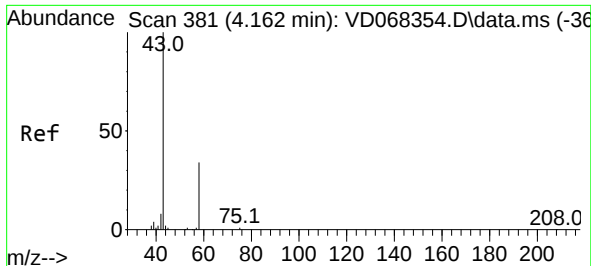
Tgt Ion:168 Resp: 383890
Ion Ratio Lower Upper
168 100
99 57.9 43.5 65.3



#11
Tert butyl alcohol
Concen: 1.28 ug/l
RT: 5.214 min Scan# 560
Delta R.T. -0.012 min
Lab File: VD068384.D
Acq: 17 Feb 2021 15:46

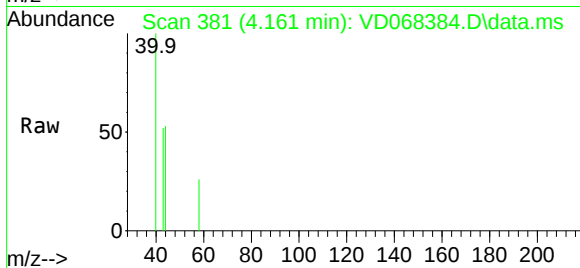
Tgt Ion: 59 Resp: 251
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



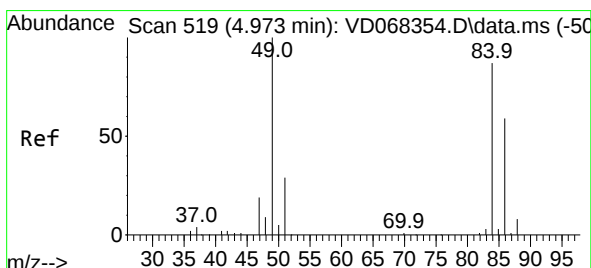
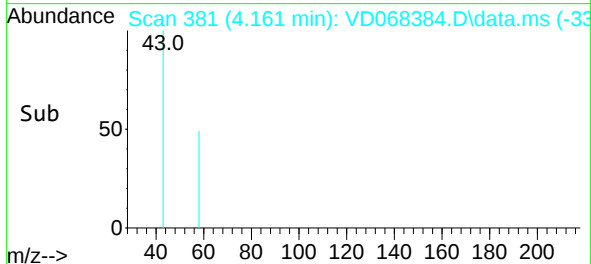
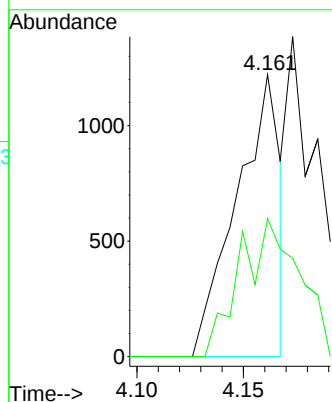


#16
Acetone
Concen: 2.86 ug/l
RT: 4.161 min Scan# 381
Delta R.T. -0.000 min
Lab File: VD068384.D
Acq: 17 Feb 2021 15:46

Instrument :
MSVOA_D
ClientSampled :
SP-142-150

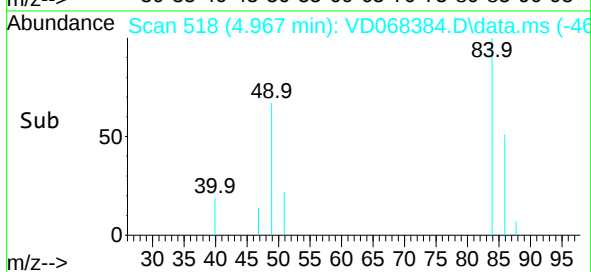
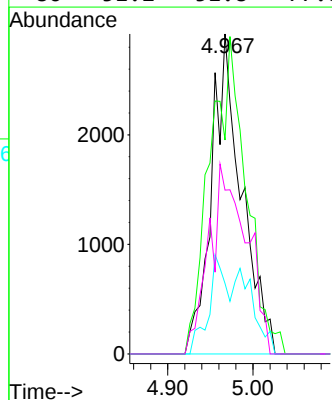
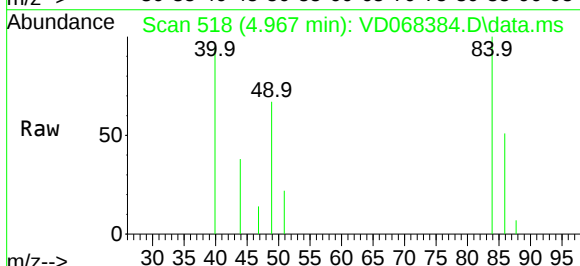


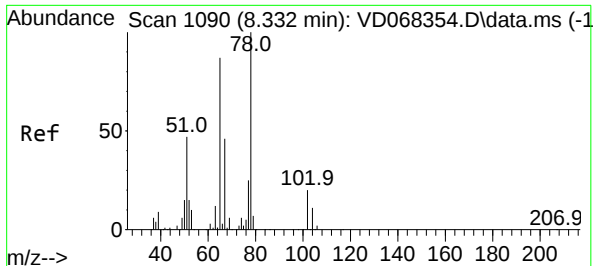
Tgt Ion: 43 Resp: 1733
Ion Ratio Lower Upper
43 100
58 49.0 24.2 36.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068384.D
Acq: 17 Feb 2021 15:46

Tgt Ion: 84 Resp: 7163
Ion Ratio Lower Upper
84 100
49 66.8 77.4 116.2#
51 22.0 26.1 39.1#
86 51.2 51.8 77.8#

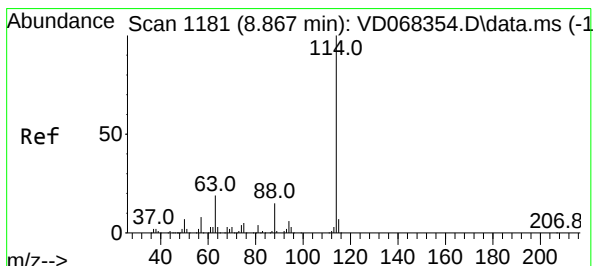
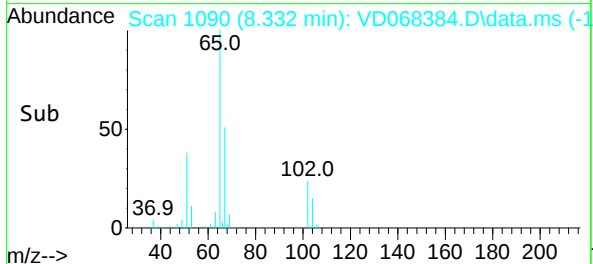
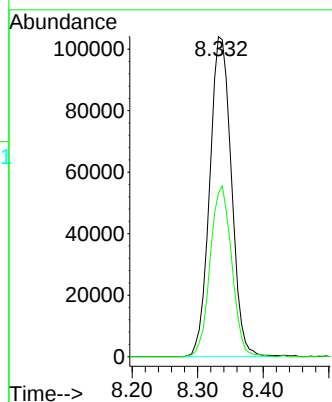
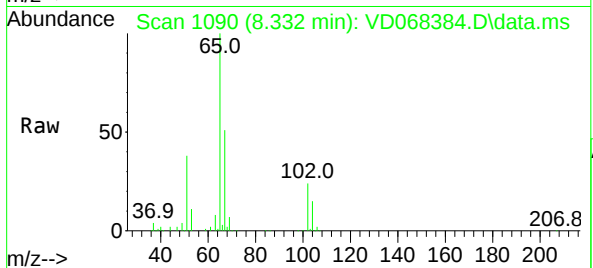




#33
1,2-Dichloroethane-d4
Concen: 60.96 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068384.D
Acq: 17 Feb 2021 15:46

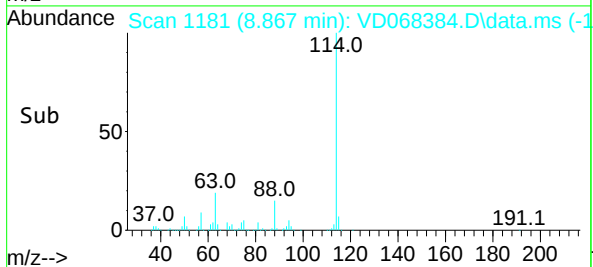
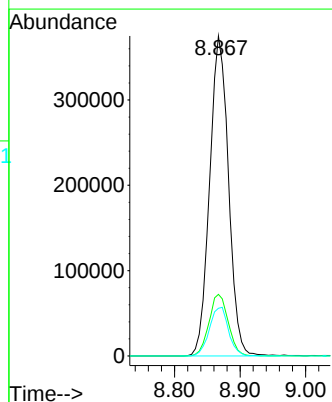
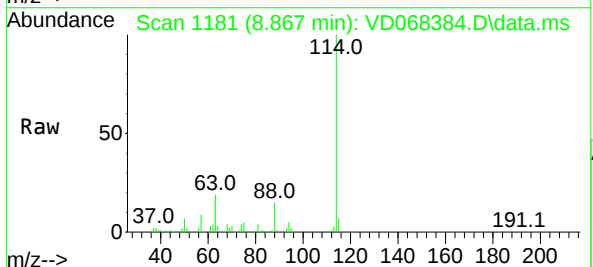
Instrument :
MSVOA_D
ClientSampleId :
SP-142-150

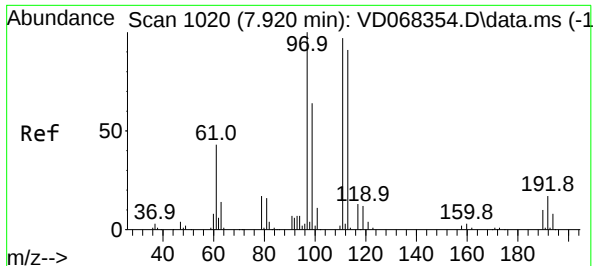
Tgt Ion: 65 Resp: 239231
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD068384.D
Acq: 17 Feb 2021 15:46

Tgt Ion: 114 Resp: 748423
Ion Ratio Lower Upper
114 100
63 19.3 0.0 34.8
88 14.9 0.0 31.6





#35

Dibromofluoromethane

Concen: 52.11 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. -0.000 min

Lab File: VD068384.D

Acq: 17 Feb 2021 15:46

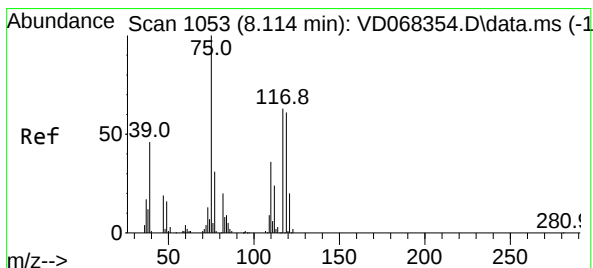
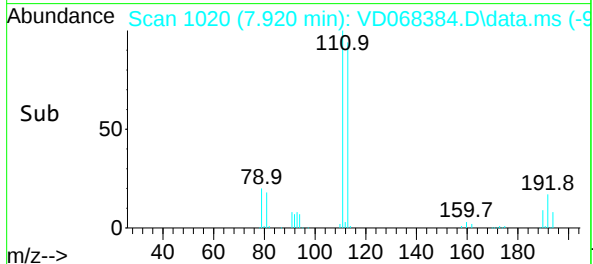
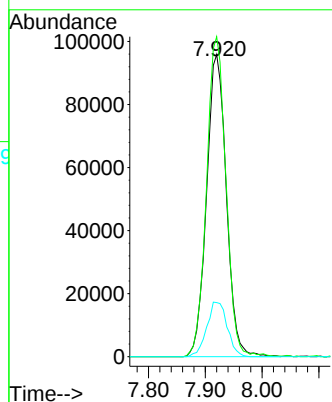
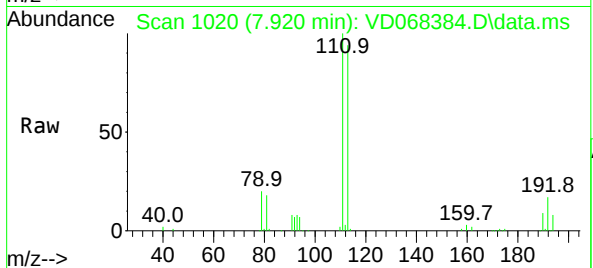
Tgt Ion:113 Resp: 231484

Ion Ratio Lower Upper

113 100

111 104.0 81.4 122.0

192 18.7 16.1 24.1



#36

1,1-Dichloropropene

Concen: 4.90 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.130 min

Lab File: VD068384.D

Acq: 17 Feb 2021 15:46

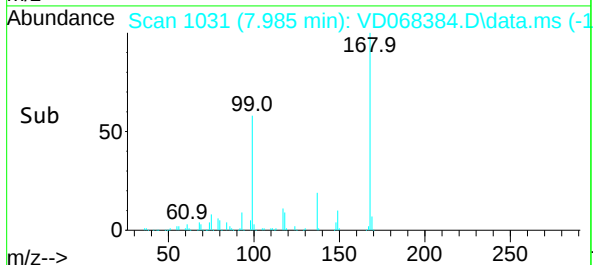
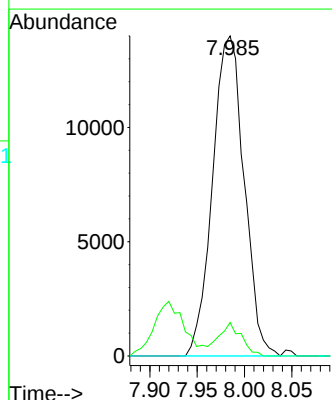
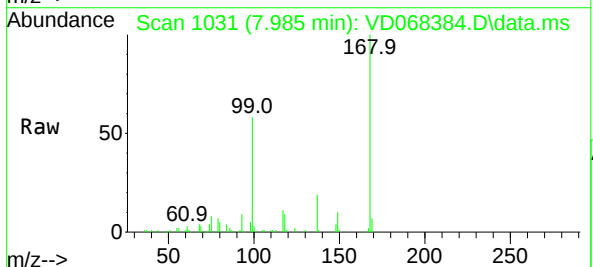
Tgt Ion: 75 Resp: 32441

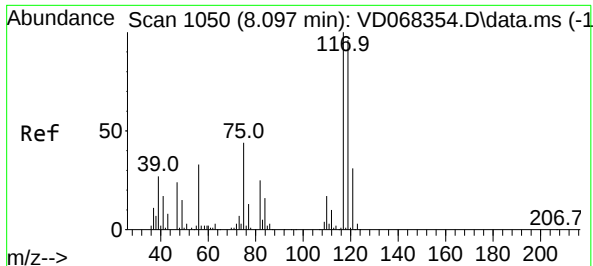
Ion Ratio Lower Upper

75 100

110 7.4 19.4 58.2#

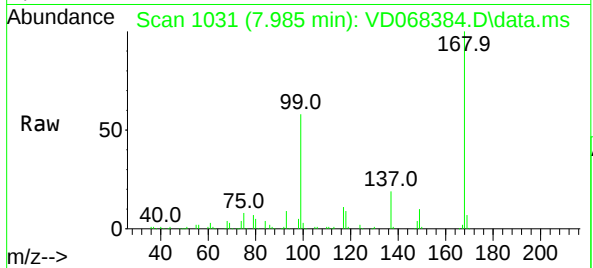
77 0.0 25.3 37.9#



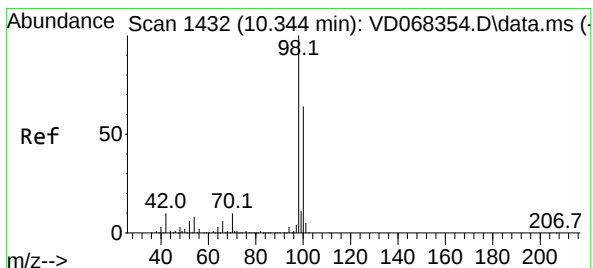
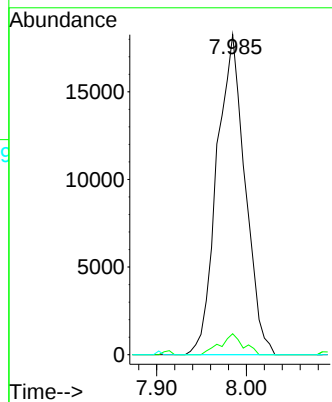
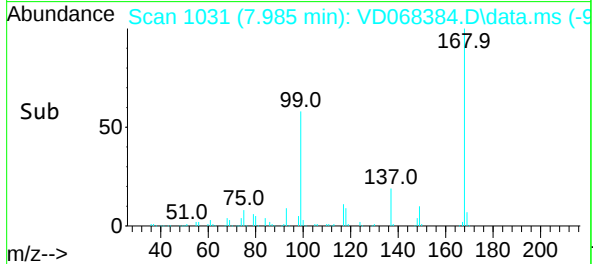


#38
Carbon Tetrachloride
Concen: 6.31 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.112 min
Lab File: VD068384.D
Acq: 17 Feb 2021 15:46

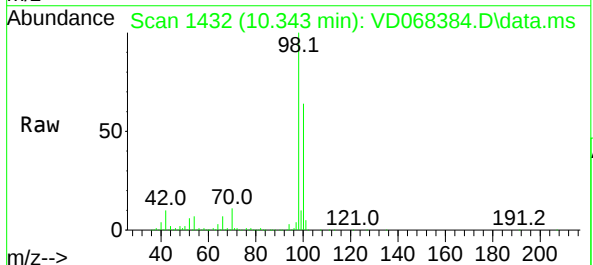
Instrument :
MSVOA_D
ClientSampleId :
SP-142-150



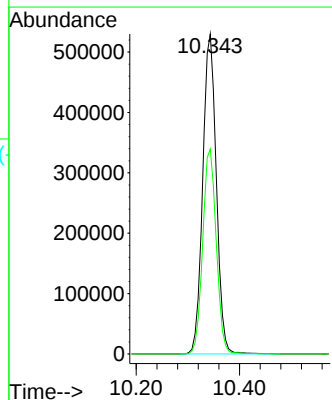
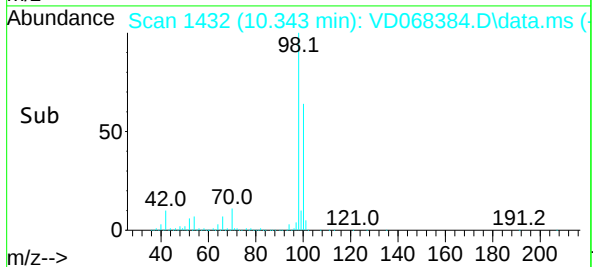
Tgt Ion:117 Resp: 39871
Ion Ratio Lower Upper
117 100
119 6.6 77.3 115.9#
121 0.0 24.7 37.1#

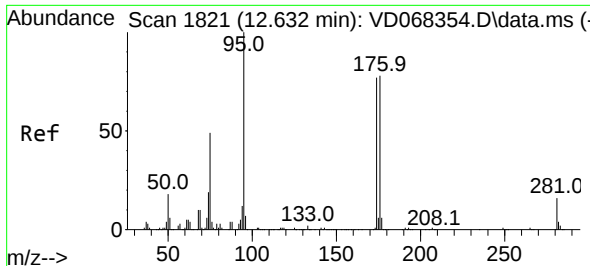


#50
Toluene-d8
Concen: 52.44 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068384.D
Acq: 17 Feb 2021 15:46



Tgt Ion: 98 Resp: 965581
Ion Ratio Lower Upper
98 100
100 64.0 53.0 79.4

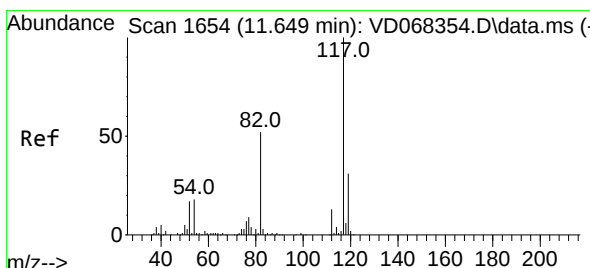
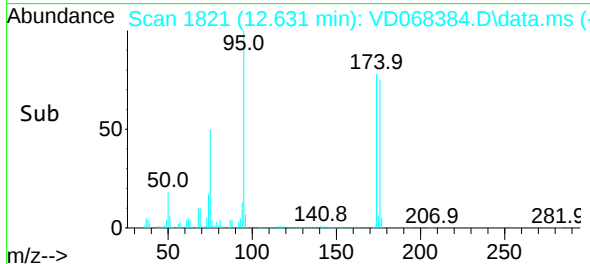
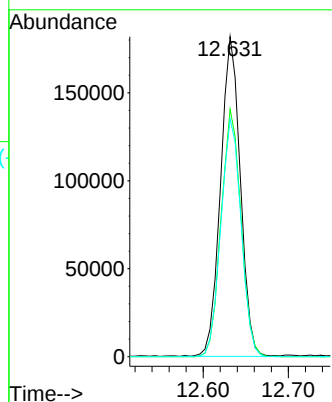
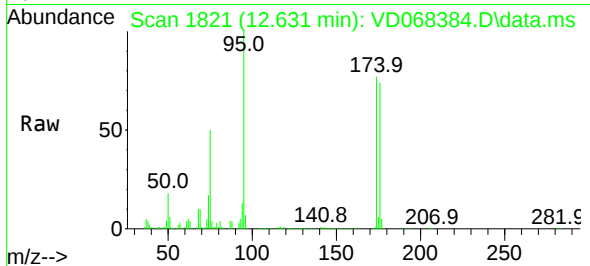




#62
4-Bromofluorobenzene
Concen: 48.92 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068384.D
Acq: 17 Feb 2021 15:46

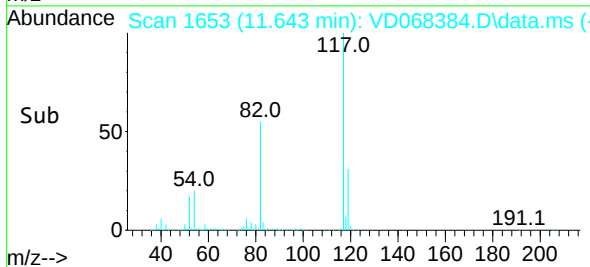
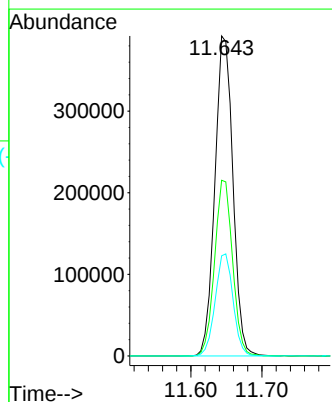
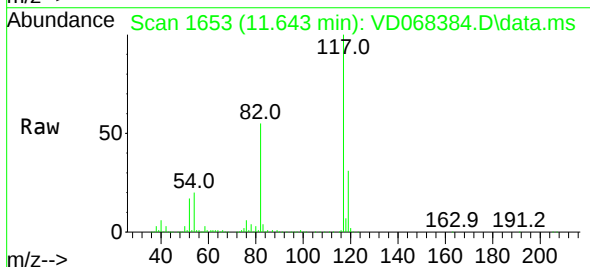
Instrument :
MSVOA_D
ClientSampleId :
SP-142-150

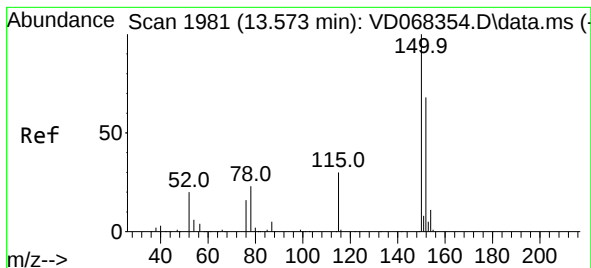
Tgt Ion:	95	Resp:	293423
Ion	Ratio	Lower	Upper
95	100		
174	78.0	0.0	172.4
176	75.8	0.0	168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068384.D
Acq: 17 Feb 2021 15:46

Tgt Ion:	117	Resp:	690755
Ion	Ratio	Lower	Upper
117	100		
82	54.9	41.4	62.0
119	31.3	26.1	39.1

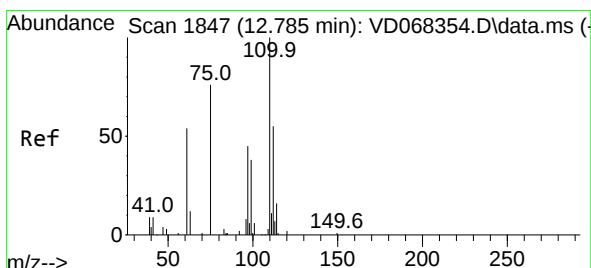
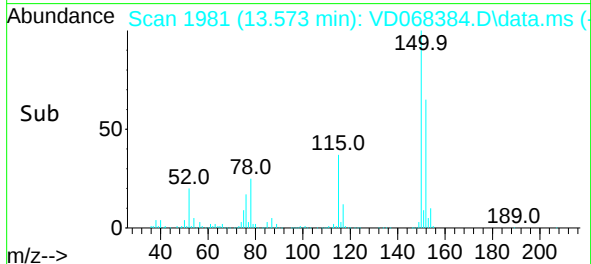
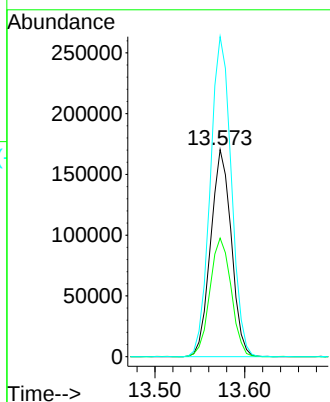
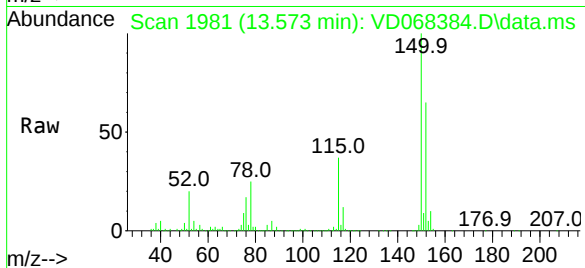




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068384.D
Acq: 17 Feb 2021 15:46

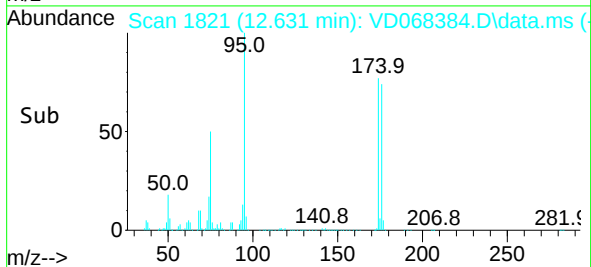
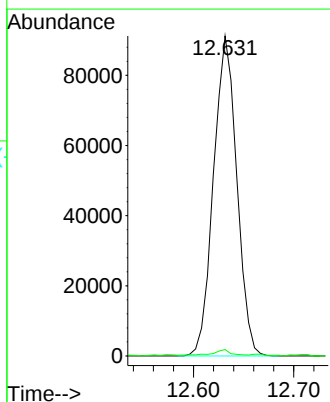
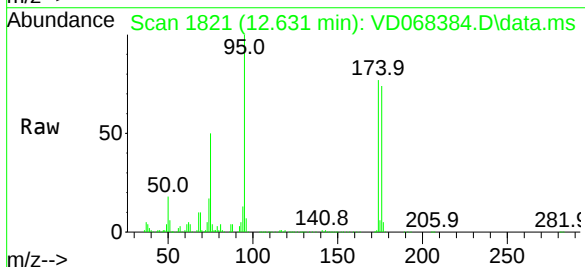
Instrument :
MSVOA_D
ClientSampleId :
SP-142-150

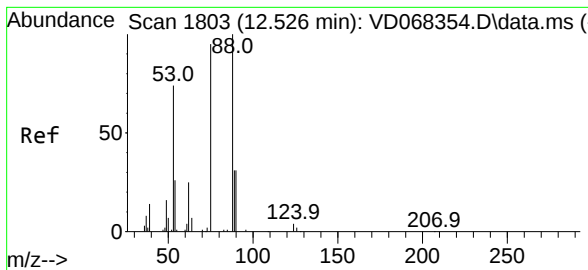
Tgt Ion:152 Resp: 272452
Ion Ratio Lower Upper
152 100
115 59.0 28.9 86.8
150 157.8 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 56.70 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068384.D
Acq: 17 Feb 2021 15:46

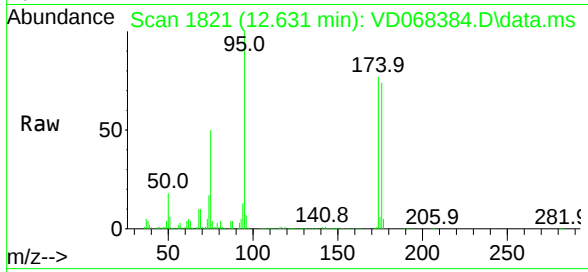
Tgt Ion: 75 Resp: 147010
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 142.13 ug/l
 RT: 12.631 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068384.D
 Acq: 17 Feb 2021 15:46

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-142-150



Tgt Ion: 75 Resp: 147010
 Ion Ratio Lower Upper
 75 100
 53 0.2 70.2 105.2#
 89 0.0 40.3 60.5#

