

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022621\
 Data File : VD068457.D
 Acq On : 26 Feb 2021 15:28
 Operator : VA/SY
 Sample : VD0226SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0226SBL01

Quant Time: Feb 26 21:47:16 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)

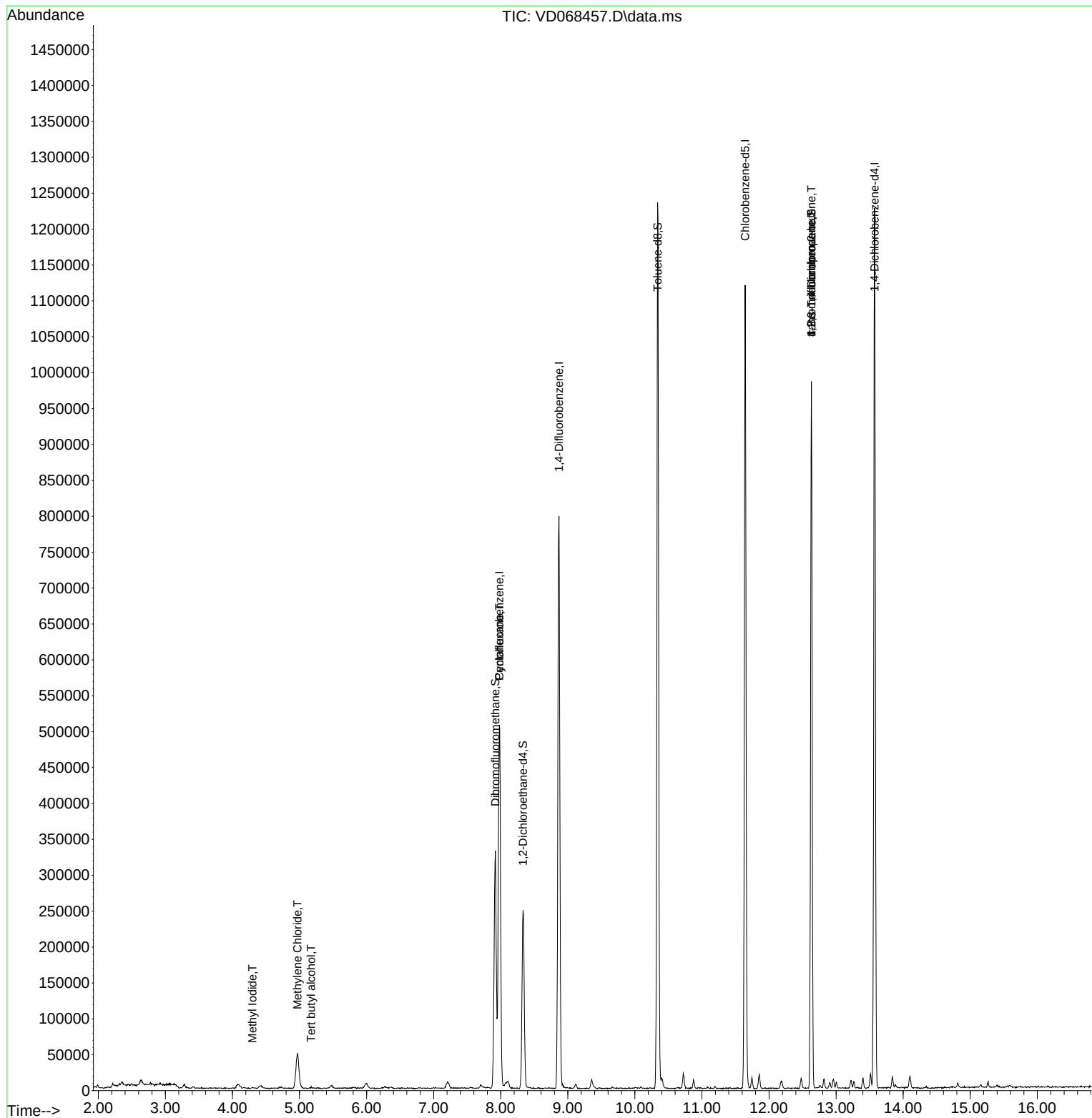
Internal Standards						
1) Pentafluorobenzene	7.979	168	394848	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	735747	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	656205	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	338566	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	202235	51.26	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 102.52%		
35) Dibromofluoromethane	7.920	113	231684	52.27	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 104.54%		
50) Toluene-d8	10.338	98	872659	49.43	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 98.86%		
62) 4-Bromofluorobenzene	12.632	95	318539	55.99	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 111.98%		
Target Compounds						
						Qvalue
10) Methyl Iodide	4.297	142	1497	2.91	ug/l #	66
11) Tert butyl alcohol	5.173	59	610	2.90	ug/l #	74
20) Methylene Chloride	4.967	84	40572	4.90	ug/l	95
31) Cyclohexane	7.979	56	12487	1.74	ug/l #	18
76) 1,2,3-Trichloropropane	12.632	75	158770	52.82	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	158770	123.27	ug/l #	14

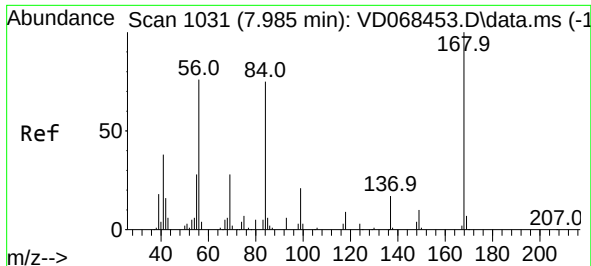
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
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Quant Time: Feb 26 21:47:16 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

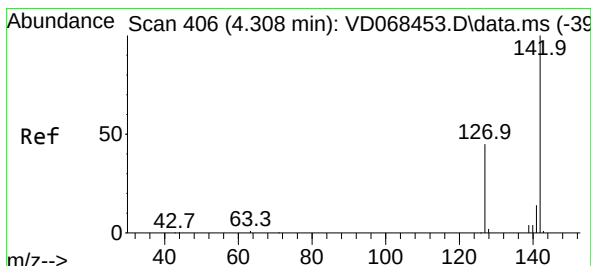
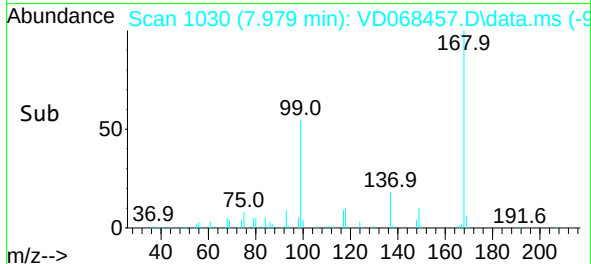
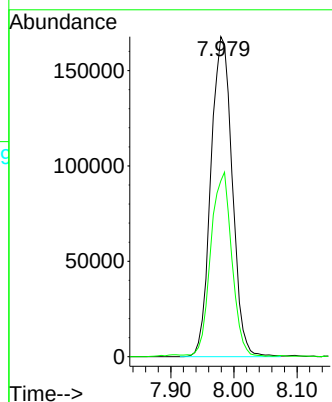
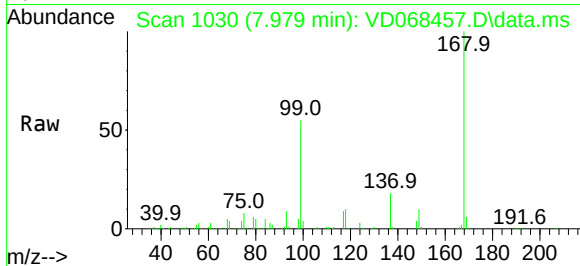




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068457.D
Acq: 26 Feb 2021 15:28

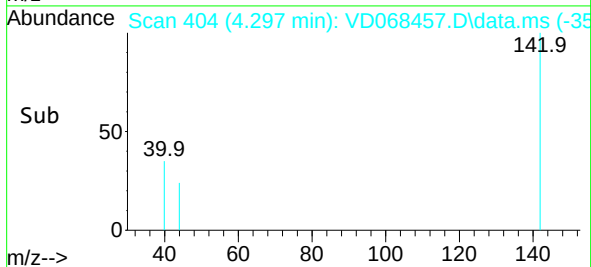
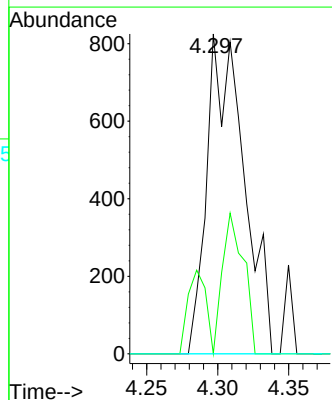
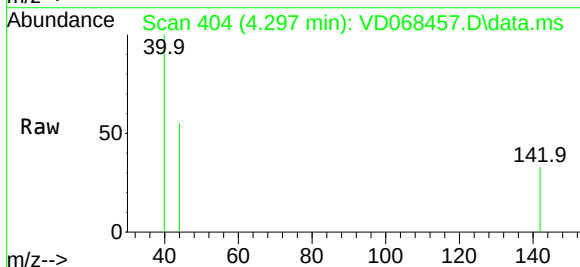
Instrument :
MSVOA_D
ClientSampleId :
VD0226SBL01

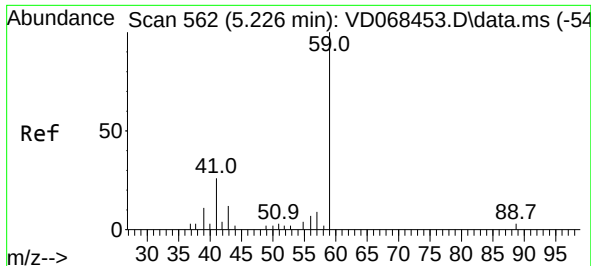
Tgt Ion:168 Resp: 394848
Ion Ratio Lower Upper
168 100
99 54.6 43.5 65.3



#10
Methyl Iodide
Concen: 2.91 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.011 min
Lab File: VD068457.D
Acq: 26 Feb 2021 15:28

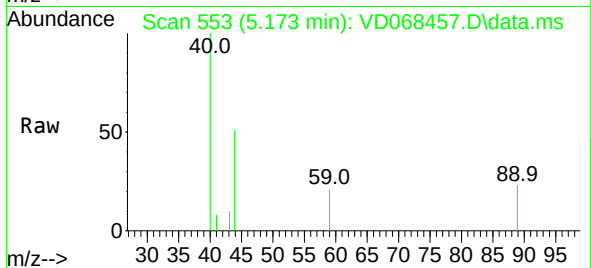
Tgt Ion:142 Resp: 1497
Ion Ratio Lower Upper
142 100
127 25.1 37.9 56.9#
141 0.0 11.5 17.3#



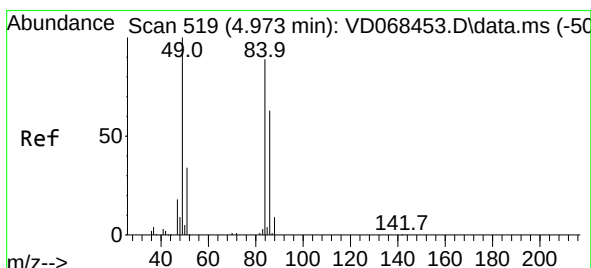
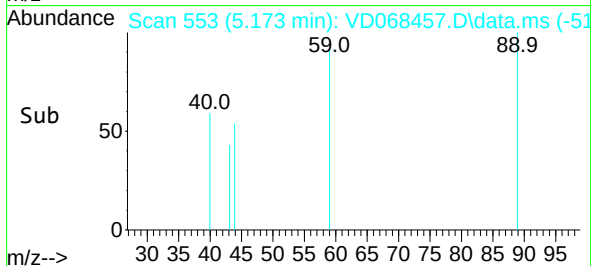
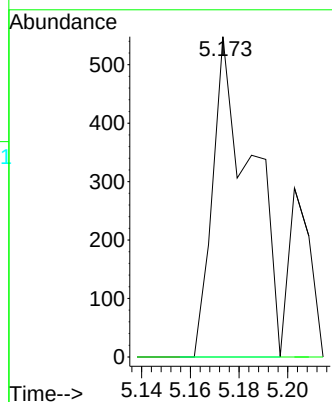


#11
Tert butyl alcohol
Concen: 2.90 ug/l
RT: 5.173 min Scan# 553
Delta R.T. -0.053 min
Lab File: VD068457.D
Acq: 26 Feb 2021 15:28

Instrument :
MSVOA_D
ClientSampleId :
VD0226SBL01

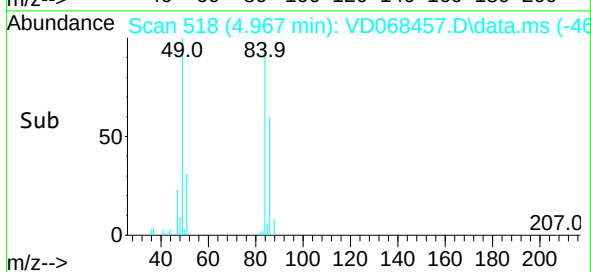
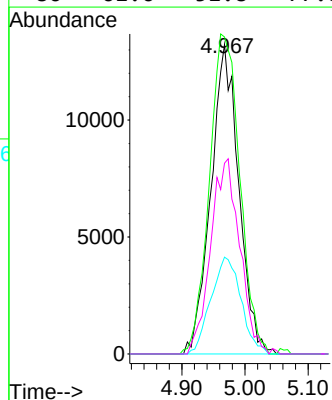
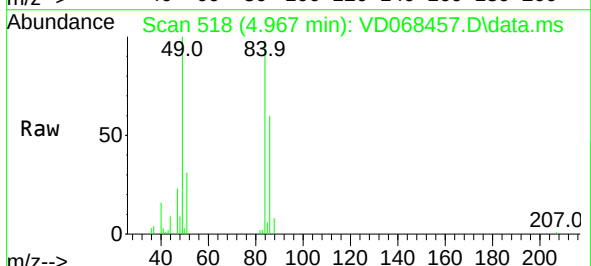


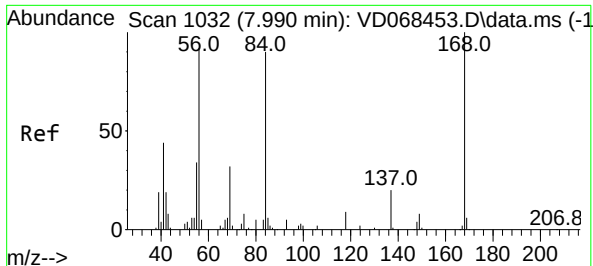
Tgt Ion: 59 Resp: 610
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#20
Methylene Chloride
Concen: 4.90 ug/l
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068457.D
Acq: 26 Feb 2021 15:28

Tgt Ion: 84 Resp: 40572
Ion Ratio Lower Upper
84 100
49 102.4 77.4 116.2
51 31.3 26.1 39.1
86 61.6 51.8 77.8

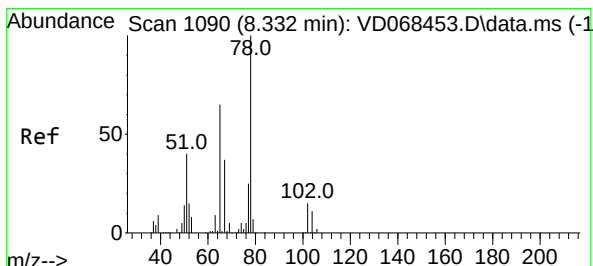
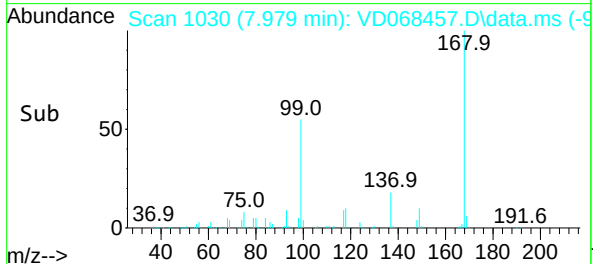
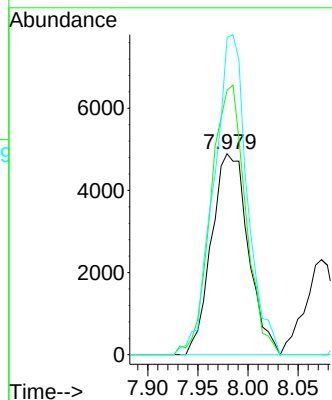
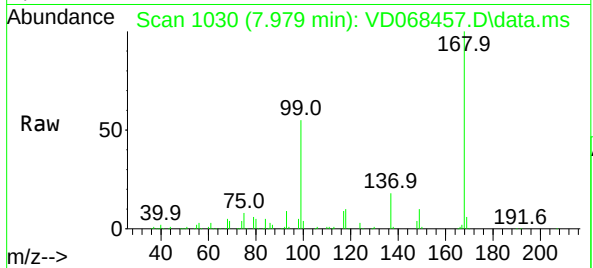




#31
Cyclohexane
Concen: 1.74 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.011 min
Lab File: VD068457.D
Acq: 26 Feb 2021 15:28

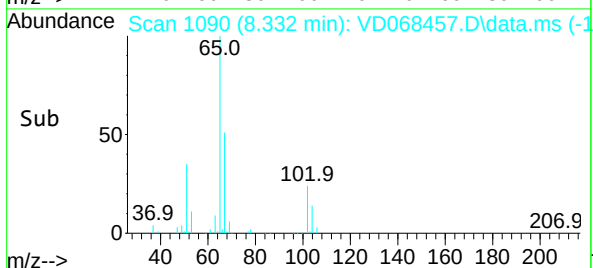
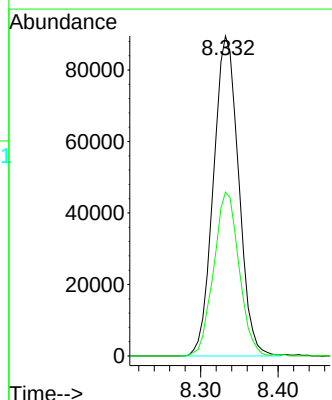
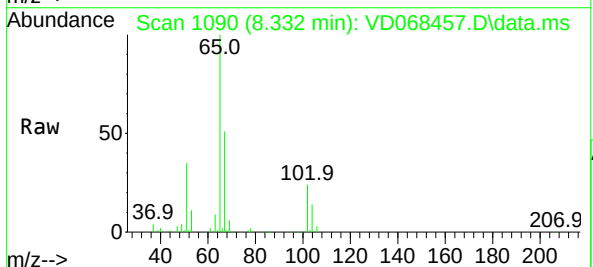
Instrument :
MSVOA_D
ClientSampleId :
VD0226SBL01

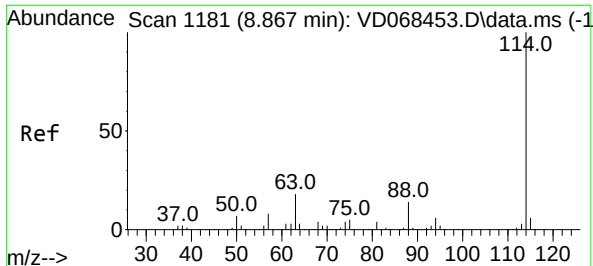
Tgt Ion: 56 Resp: 12487
Ion Ratio Lower Upper
56 100
69 131.7 30.1 45.1#
84 157.8 82.1 123.1#



#33
1,2-Dichloroethane-d4
Concen: 51.26 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068457.D
Acq: 26 Feb 2021 15:28

Tgt Ion: 65 Resp: 202235
Ion Ratio Lower Upper
65 100
67 51.4 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: VD068457.D

Acq: 26 Feb 2021 15:28

Tgt Ion:114 Resp: 735747

Ion Ratio Lower Upper

114 100

63 19.3 0.0 34.8

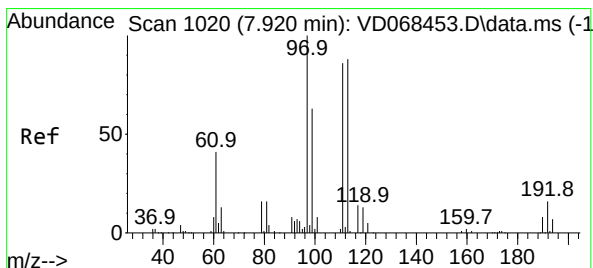
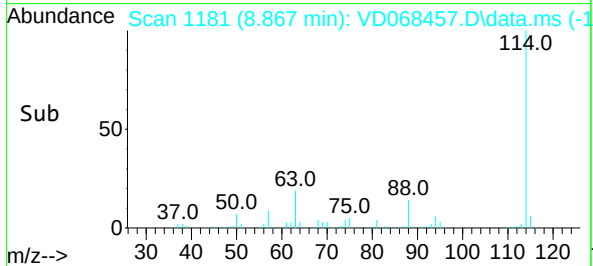
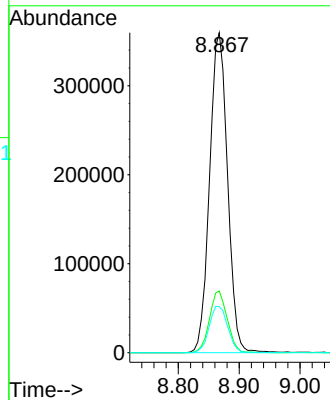
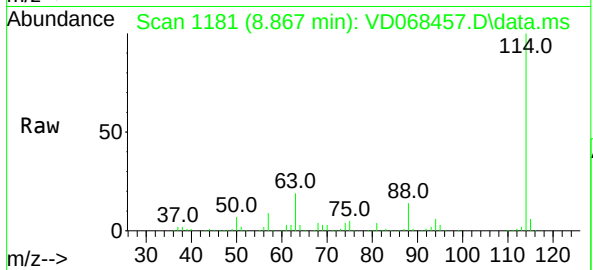
88 14.4 0.0 31.6

Instrument :

MSVOA_D

ClientSampleId :

VD0226SBL01



#35

Dibromofluoromethane

Concen: 52.27 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068457.D

Acq: 26 Feb 2021 15:28

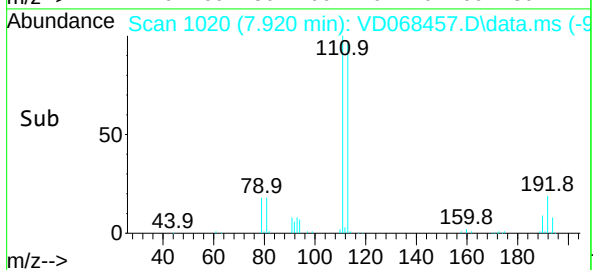
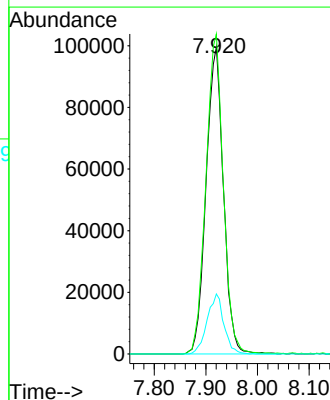
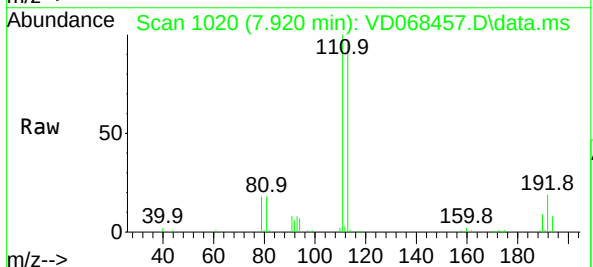
Tgt Ion:113 Resp: 231684

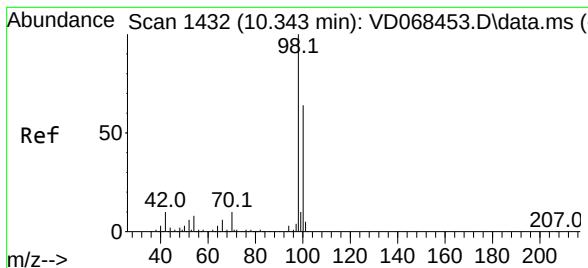
Ion Ratio Lower Upper

113 100

111 104.6 81.4 122.0

192 18.9 16.1 24.1

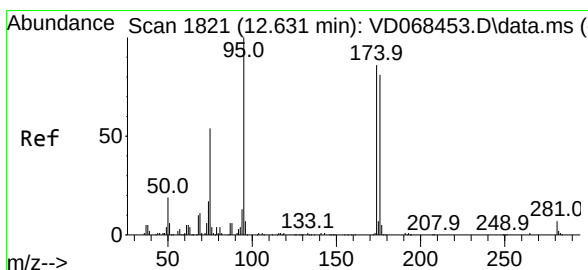
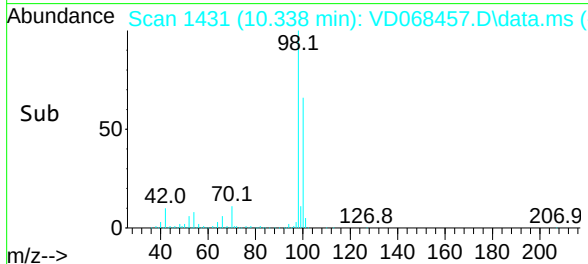
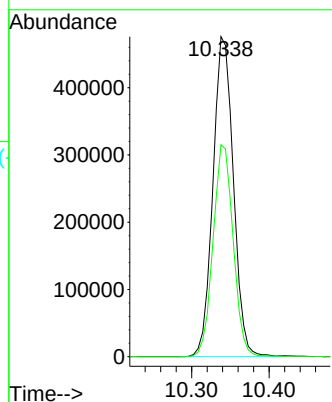
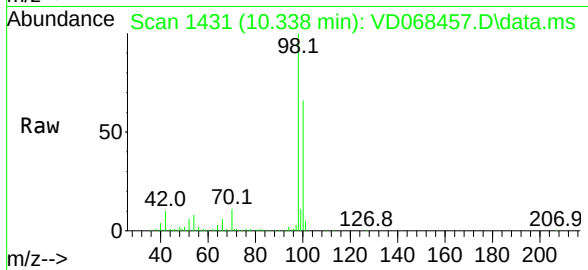




#50
Toluene-d8
Concen: 49.43 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.005 min
Lab File: VD068457.D
Acq: 26 Feb 2021 15:28

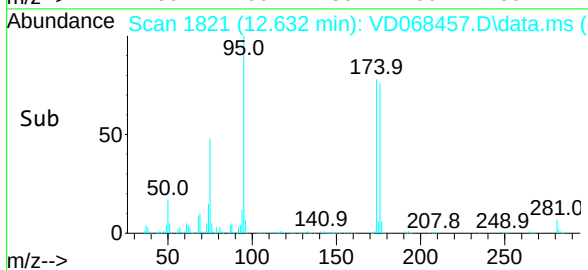
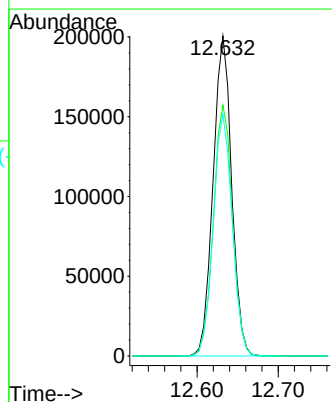
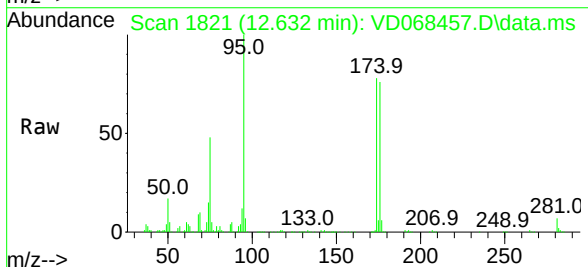
Instrument :
MSVOA_D
ClientSampleId :
VD0226SBL01

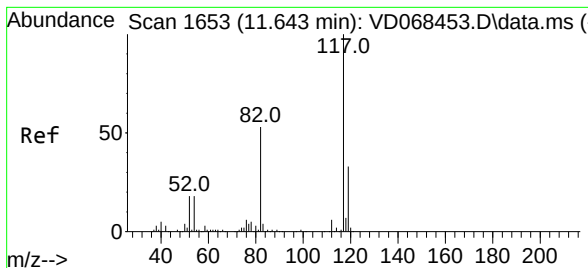
Tgt Ion: 98 Resp: 872659
Ion Ratio Lower Upper
98 100
100 65.2 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 55.99 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068457.D
Acq: 26 Feb 2021 15:28

Tgt Ion: 95 Resp: 318539
Ion Ratio Lower Upper
95 100
174 80.3 0.0 172.4
176 77.4 0.0 168.4

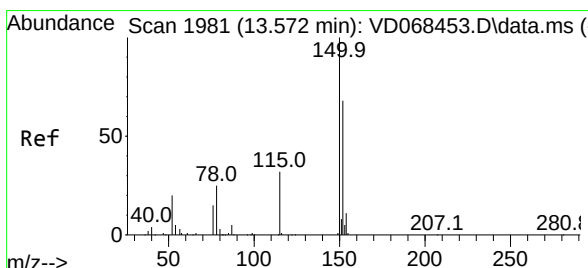
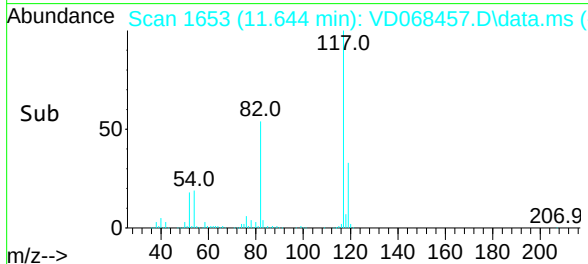
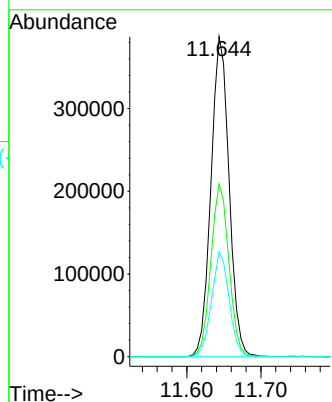
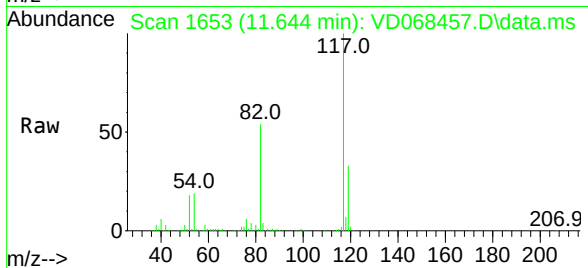




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068457.D
Acq: 26 Feb 2021 15:28

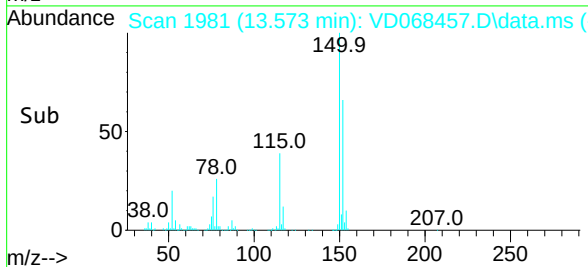
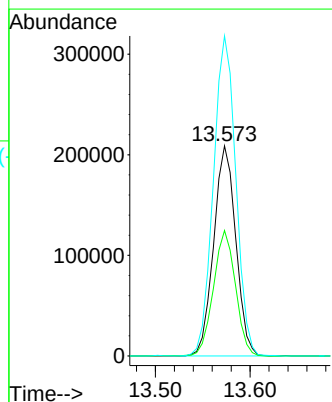
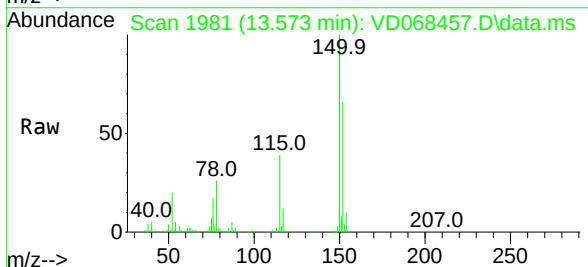
Instrument :
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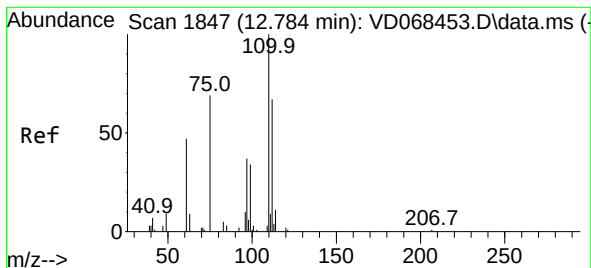
Tgt Ion:117 Resp: 656205
Ion Ratio Lower Upper
117 100
82 54.0 41.4 62.0
119 32.7 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068457.D
Acq: 26 Feb 2021 15:28

Tgt Ion:152 Resp: 338566
Ion Ratio Lower Upper
152 100
115 59.5 28.9 86.8
150 154.8 0.0 344.4

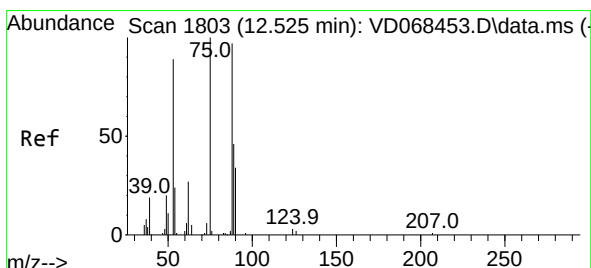
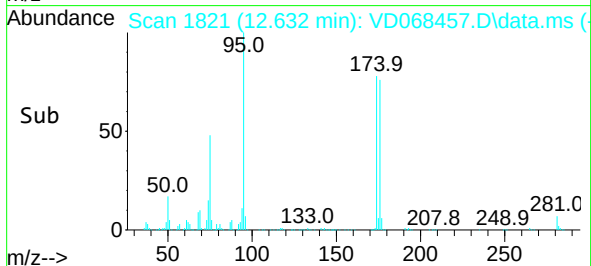
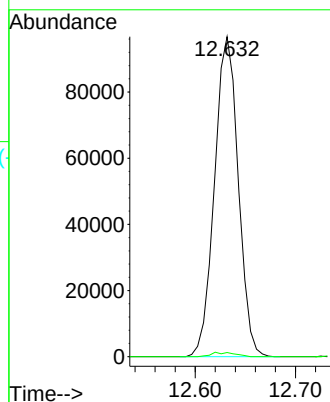
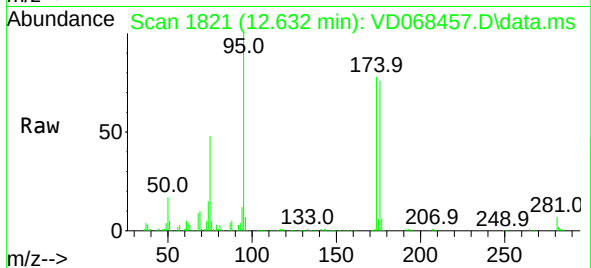




#76
1,2,3-Trichloropropane
Concen: 52.82 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.152 min
Lab File: VD068457.D
Acq: 26 Feb 2021 15:28

Instrument :
MSVOA_D
ClientSampleId :
VD0226SBL01

Tgt Ion: 75 Resp: 158770
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 123.27 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068457.D
Acq: 26 Feb 2021 15:28

Tgt Ion: 75 Resp: 158770
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.1 40.3 60.5#

