

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040121\
 Data File : VD068757.D
 Acq On : 01 Apr 2021 14:36
 Operator : VA/SY
 Sample : M1886-07
 Misc : 3.83G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-124037

Quant Time: Apr 02 01:04:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 20 02:00:55 2021
 Response via : Initial Calibration

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

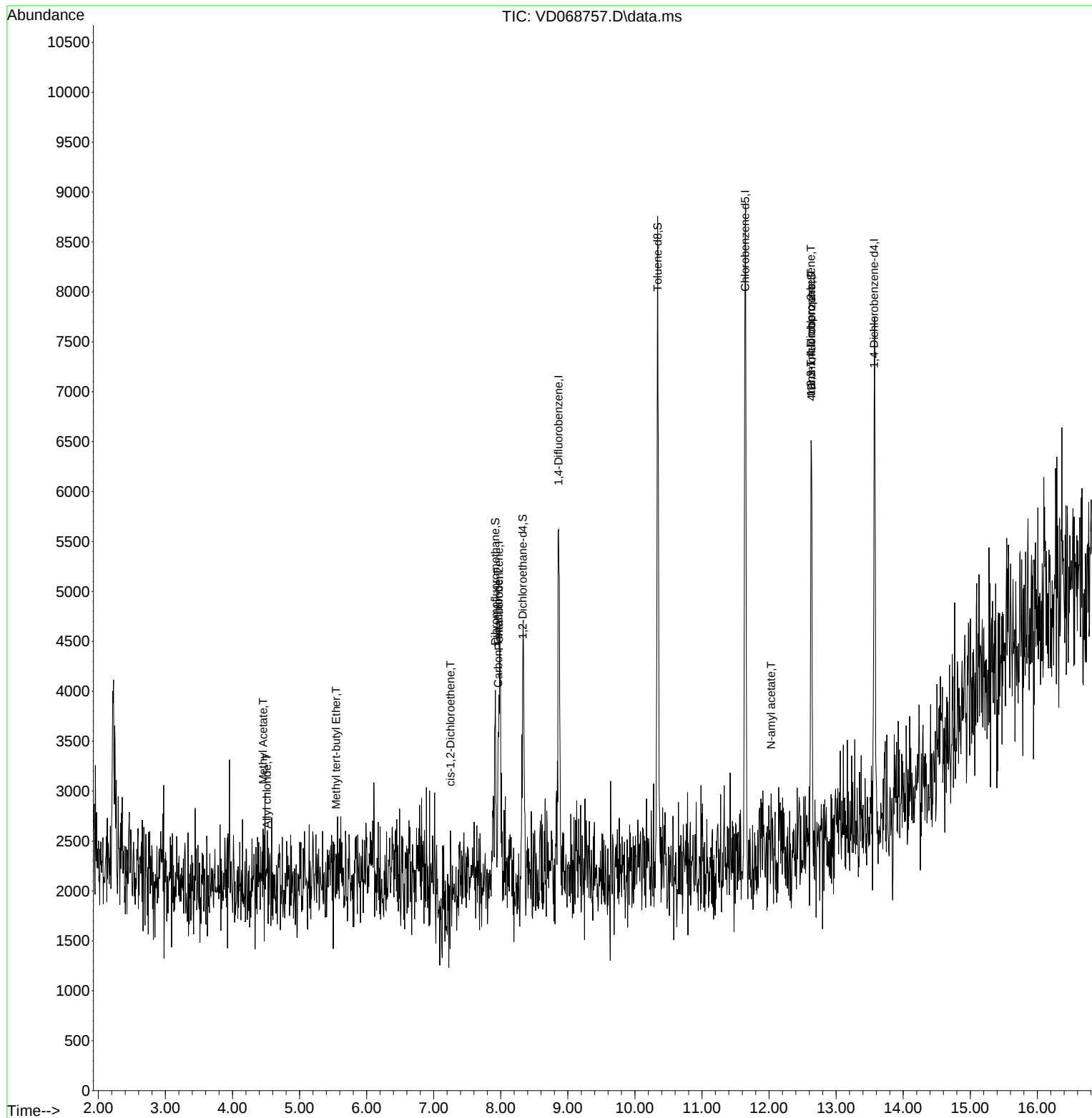
Internal Standards						
1) Pentafluorobenzene	7.973	168	2484	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	3933	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	4599	50.00	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	2122	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	2412	96.30	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	192.60%	#	
35) Dibromofluoromethane	7.920	113	1067	43.60	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	87.20%		
50) Toluene-d8	10.337	98	4654	49.33	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.66%		
62) 4-Bromofluorobenzene	12.631	95	1641	53.65	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	107.30%		
Target Compounds						Qvalue
14) Allyl chloride	4.514	41	55	2.31	ug/l #	18
18) Methyl Acetate	4.455	43	71	8.50	ug/l #	43
19) Methyl tert-butyl Ether	5.544	73	53	1.07	ug/l #	54
27) cis-1,2-Dichloroethene	7.249	96	62	2.04	ug/l #	1
38) Carbon Tetrachloride	7.961	117	62	1.77	ug/l #	12
74) N-amyl acetate	12.031	43	82	3.37	ug/l #	36
76) 1,2,3-Trichloropropane	12.626	75	1024	57.98	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	1024	131.91	ug/l #	16

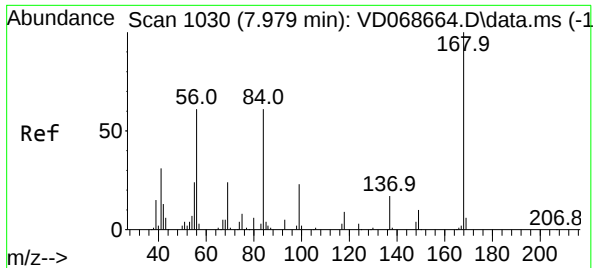
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 02 01:04:05 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 20 02:00:55 2021
Response via : Initial Calibration

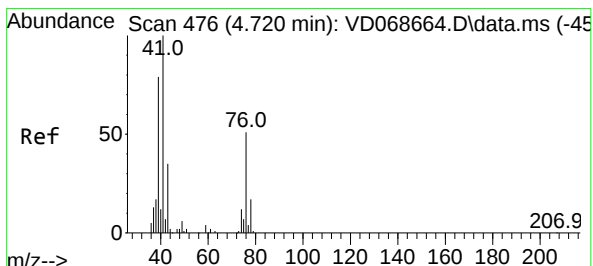
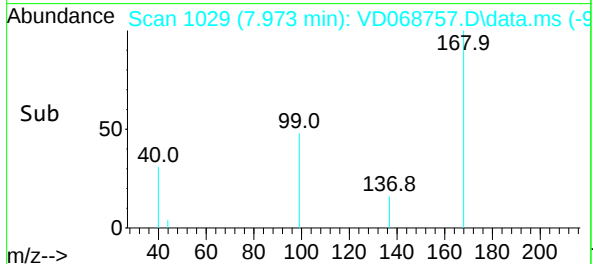
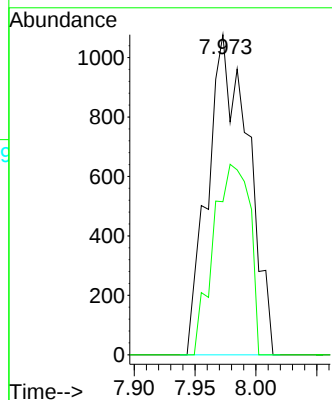
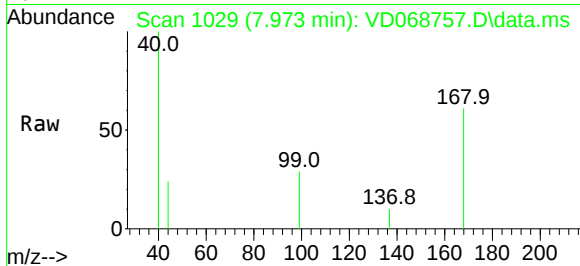




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD068757.D
Acq: 01 Apr 2021 14:36

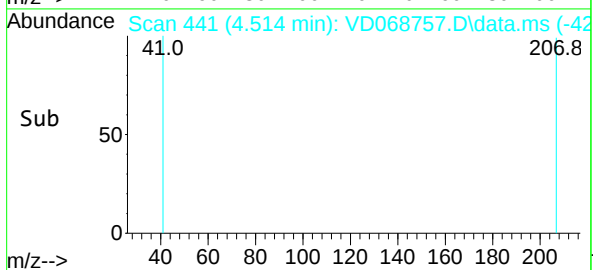
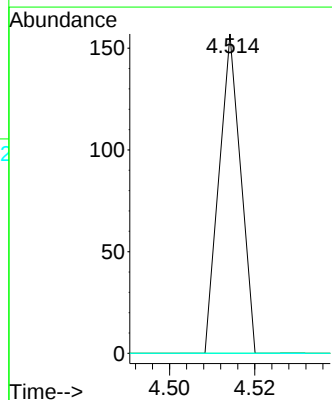
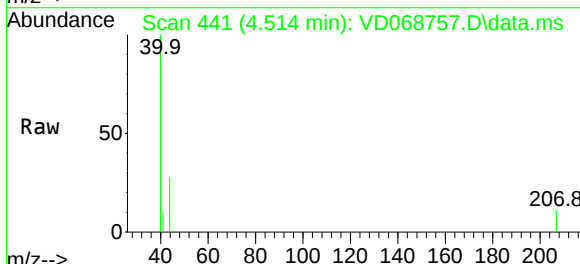
Instrument :
MSVOA_D
ClientSampleId :
RO-124037

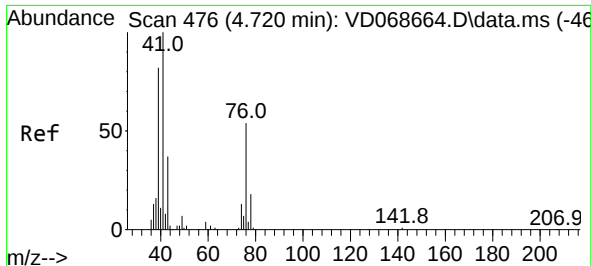
Tgt Ion:168 Resp: 2484
Ion Ratio Lower Upper
168 100
99 47.8 46.2 69.2



#14
Allyl chloride
Concen: 2.31 ug/l
RT: 4.514 min Scan# 441
Delta R.T. -0.206 min
Lab File: VD068757.D
Acq: 01 Apr 2021 14:36

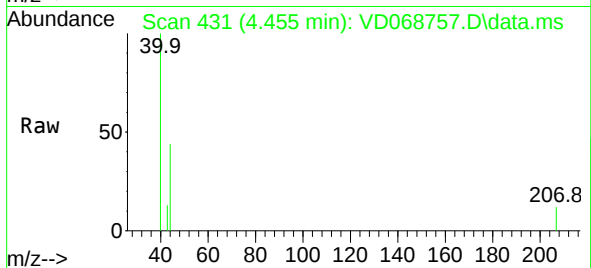
Tgt Ion: 41 Resp: 55
Ion Ratio Lower Upper
41 100
39 0.0 60.6 91.0#
76 0.0 40.4 60.6#



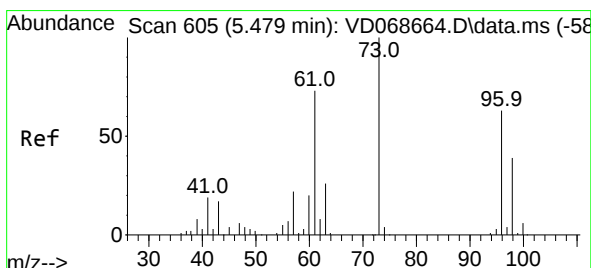
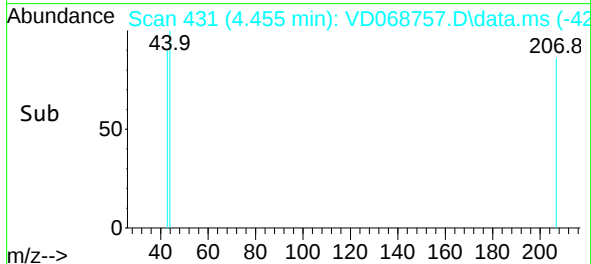
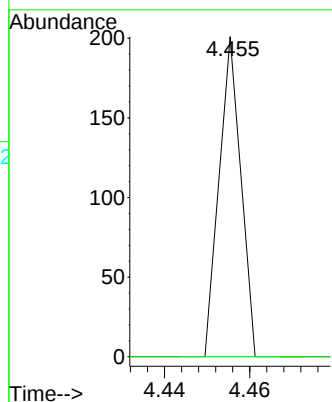


#18
Methyl Acetate
Concen: 8.50 ug/l
RT: 4.455 min Scan# 431
Delta R.T. -0.265 min
Lab File: VD068757.D
Acq: 01 Apr 2021 14:36

Instrument :
MSVOA_D
ClientSampleId :
RO-124037

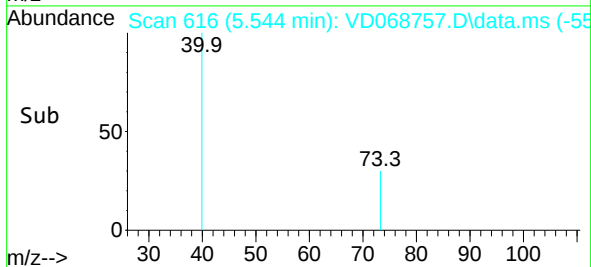
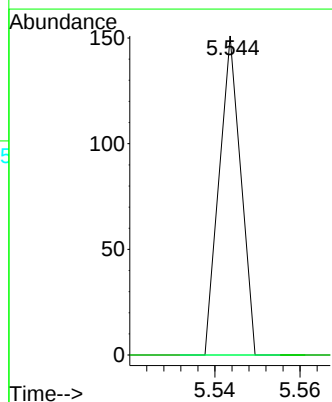
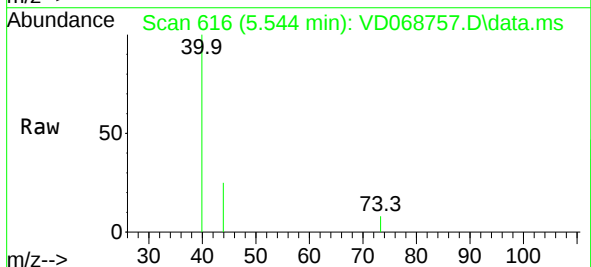


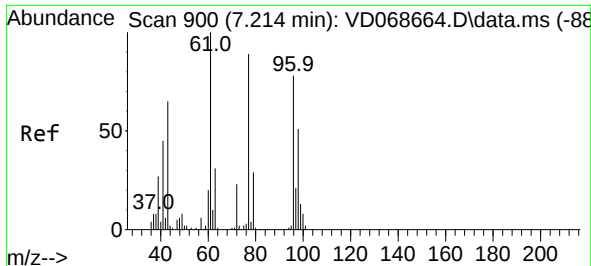
Tgt Ion: 43 Resp: 71
Ion Ratio Lower Upper
43 100
74 0.0 25.4 38.2#



#19
Methyl tert-butyl Ether
Concen: 1.07 ug/l
RT: 5.544 min Scan# 616
Delta R.T. 0.064 min
Lab File: VD068757.D
Acq: 01 Apr 2021 14:36

Tgt Ion: 73 Resp: 53
Ion Ratio Lower Upper
73 100
57 0.0 17.3 25.9#





#27

cis-1,2-Dichloroethene

Concen: 2.04 ug/l

RT: 7.249 min Scan# 906

Delta R.T. 0.035 min

Lab File: VD068757.D

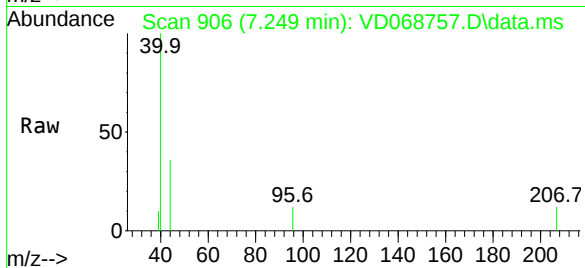
Acq: 01 Apr 2021 14:36

Instrument :

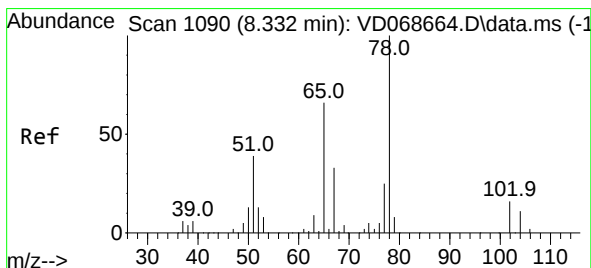
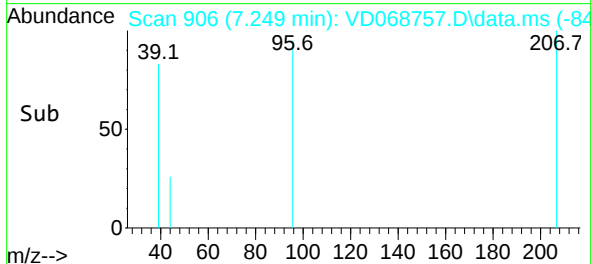
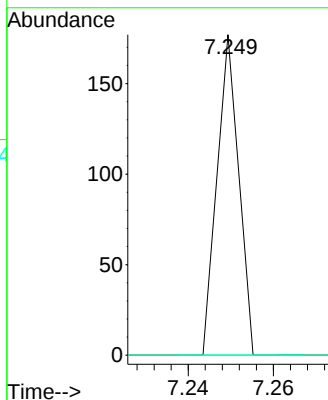
MSVOA_D

ClientSampleId :

RO-124037



Tgt Ion: 96	Resp: 62
Ion Ratio	Lower Upper
96 100	
61 0.0	0.0 258.8
98 0.0	0.0 128.4



#33

1,2-Dichloroethane-d4

Concen: 96.30 ug/l

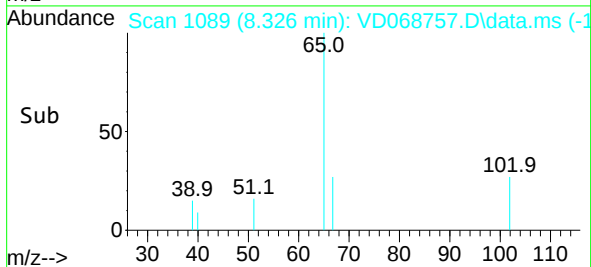
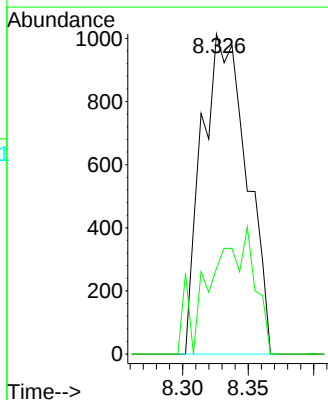
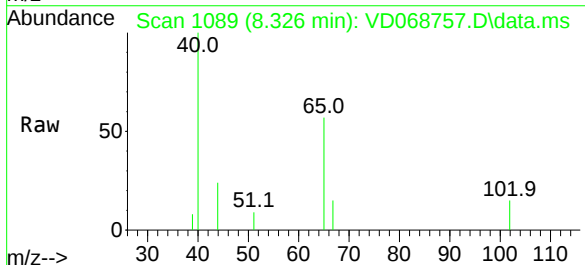
RT: 8.326 min Scan# 1089

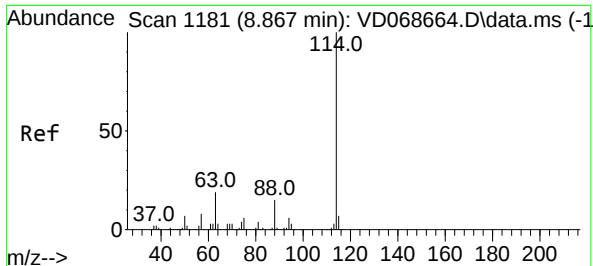
Delta R.T. -0.006 min

Lab File: VD068757.D

Acq: 01 Apr 2021 14:36

Tgt Ion: 65	Resp: 2412
Ion Ratio	Lower Upper
65 100	
67 0.0	0.0 106.0



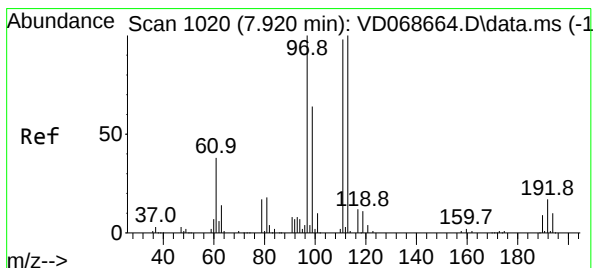
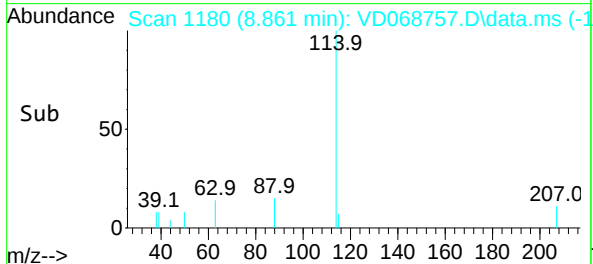
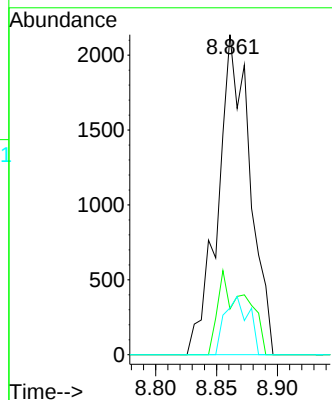
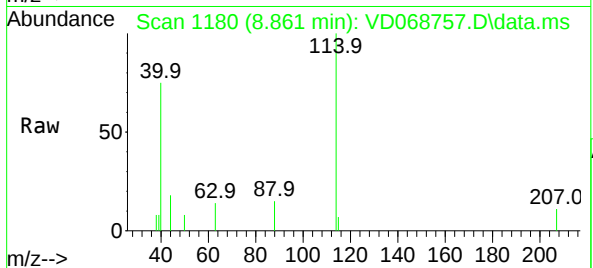


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD068757.D
Acq: 01 Apr 2021 14:36

Instrument :
MSVOA_D
ClientSampleId :
RO-124037

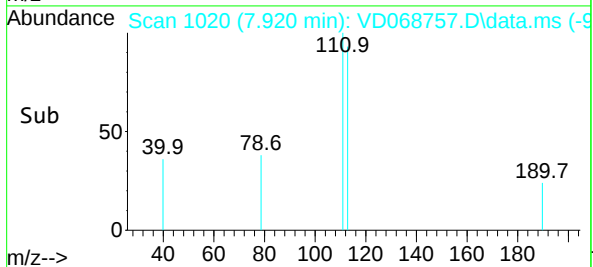
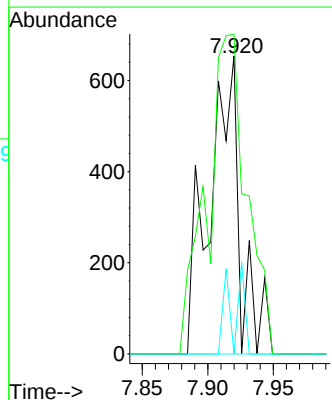
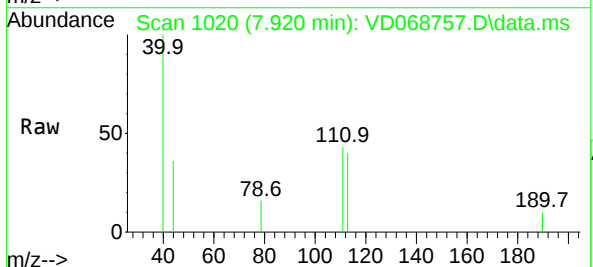
Tgt Ion:114 Resp: 3933
Ion Ratio Lower Upper
114 100
63 14.3 0.0 38.2
88 14.6 0.0 29.4

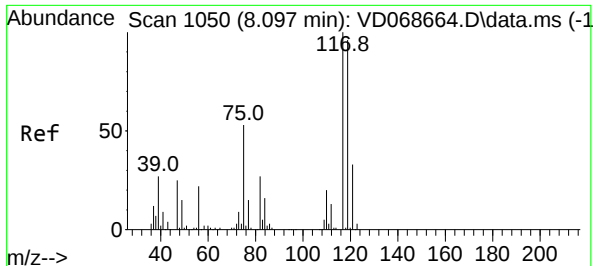


#35

Dibromofluoromethane
Concen: 43.60 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. -0.000 min
Lab File: VD068757.D
Acq: 01 Apr 2021 14:36

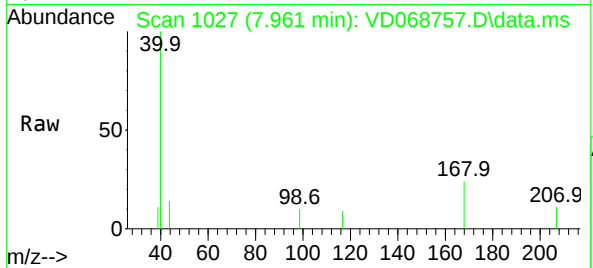
Tgt Ion:113 Resp: 1067
Ion Ratio Lower Upper
113 100
111 137.4 82.5 123.7#
192 12.8 15.1 22.7#



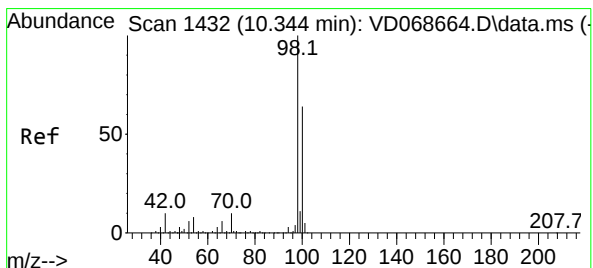
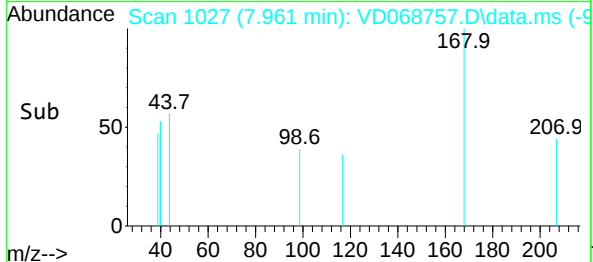
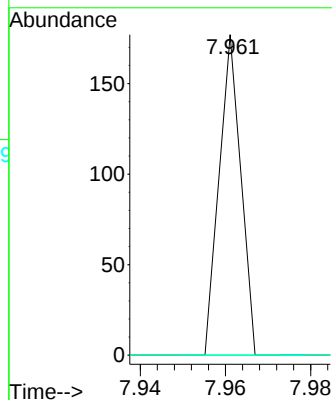


#38
Carbon Tetrachloride
Concen: 1.77 ug/l
RT: 7.961 min Scan# 1027
Delta R.T. -0.136 min
Lab File: VD068757.D
Acq: 01 Apr 2021 14:36

Instrument :
MSVOA_D
ClientSampled :
RO-124037

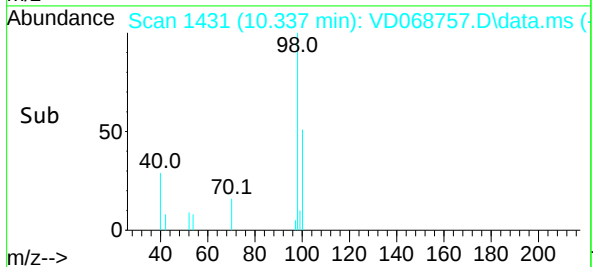
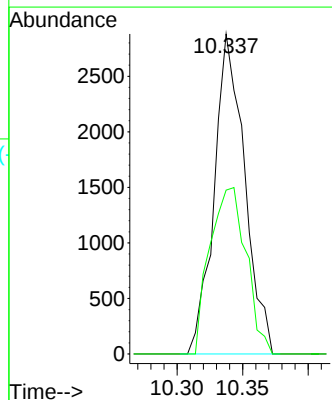
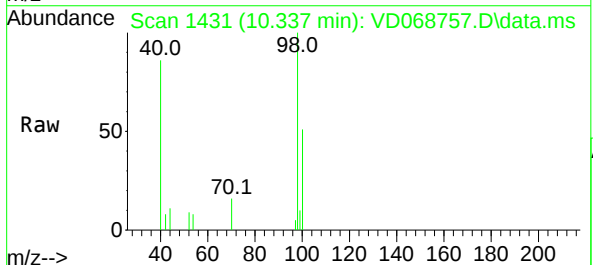


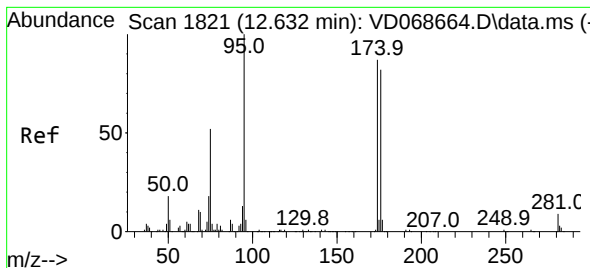
Tgt Ion:117 Resp: 62
Ion Ratio Lower Upper
117 100
119 0.0 76.6 115.0#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 49.33 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD068757.D
Acq: 01 Apr 2021 14:36

Tgt Ion: 98 Resp: 4654
Ion Ratio Lower Upper
98 100
100 62.2 51.8 77.6

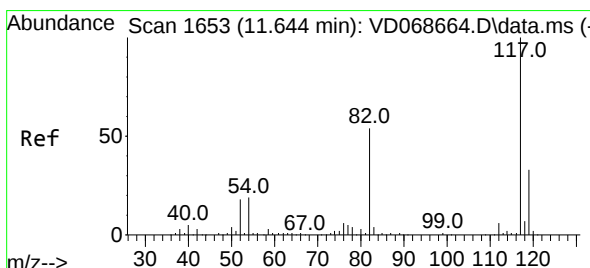
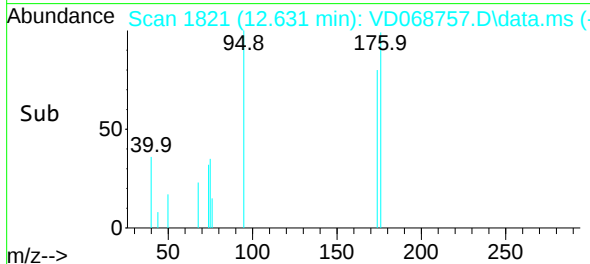
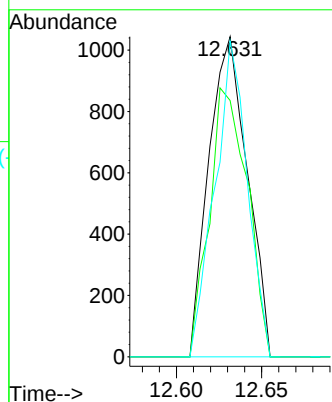
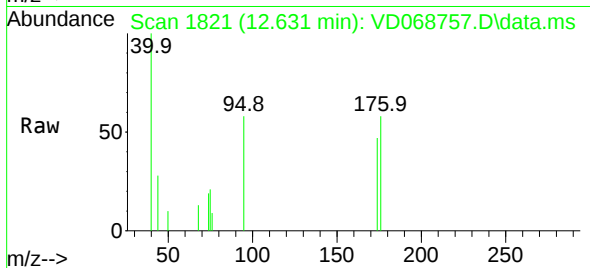




#62
4-Bromofluorobenzene
Concen: 53.65 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068757.D
Acq: 01 Apr 2021 14:36

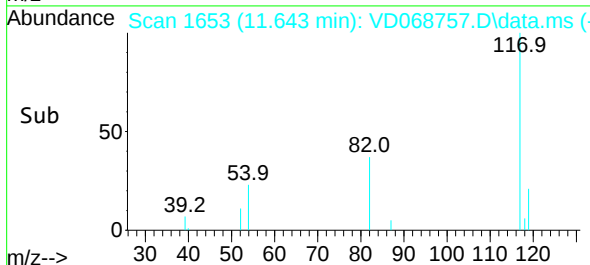
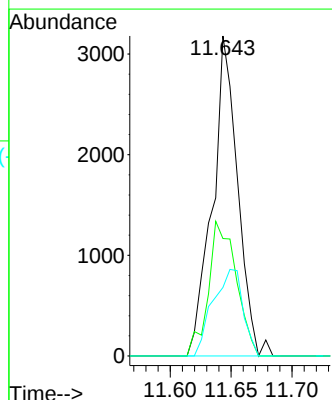
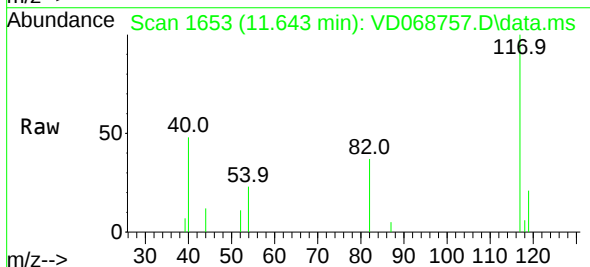
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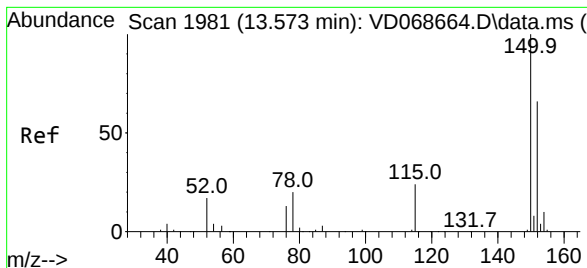
Tgt Ion: 95 Resp: 1641
Ion Ratio Lower Upper
95 100
174 82.7 0.0 168.0
176 83.6 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD068757.D
Acq: 01 Apr 2021 14:36

Tgt Ion: 117 Resp: 4599
Ion Ratio Lower Upper
117 100
82 36.7 43.5 65.3#
119 21.4 26.7 40.1#

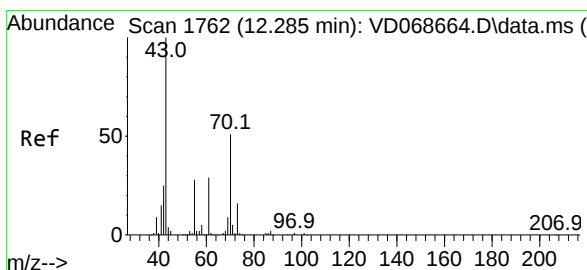
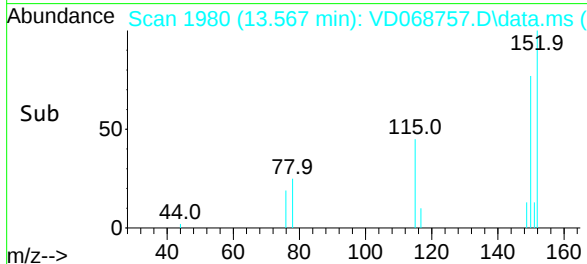
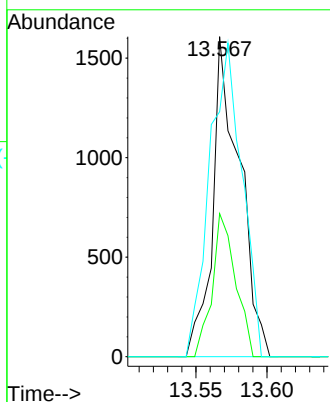
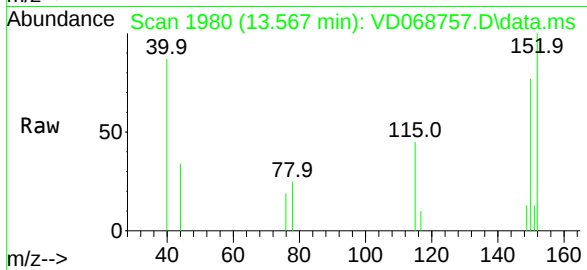




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.006 min
Lab File: VD068757.D
Acq: 01 Apr 2021 14:36

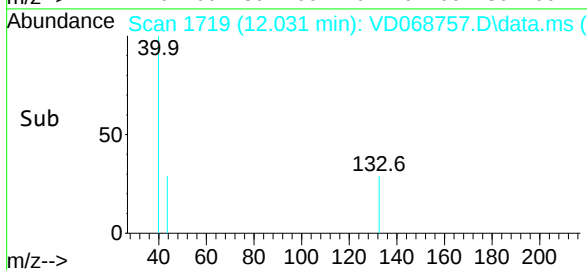
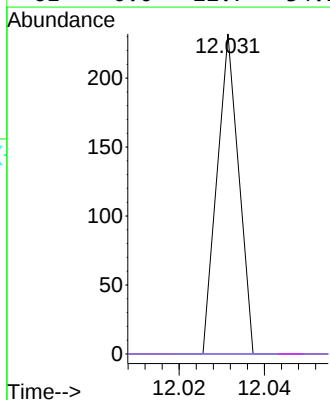
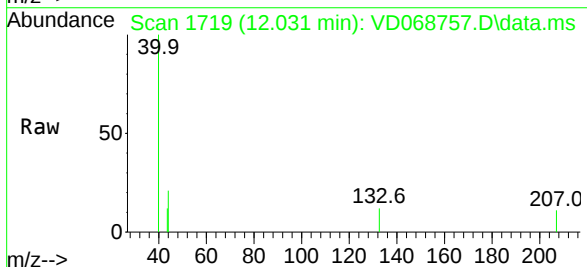
Instrument :
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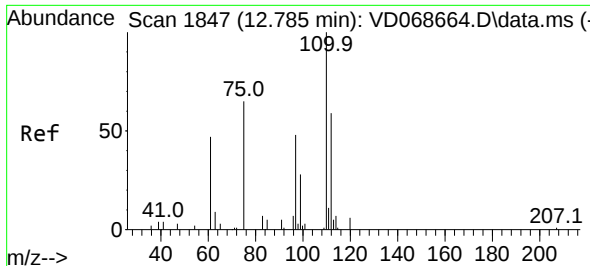
Tgt Ion:152 Resp: 2122
Ion Ratio Lower Upper
152 100
115 38.5 29.3 87.8
150 118.0 0.0 347.6



#74
N-ethyl acetate
Concen: 3.37 ug/l
RT: 12.031 min Scan# 1719
Delta R.T. -0.253 min
Lab File: VD068757.D
Acq: 01 Apr 2021 14:36

Tgt Ion: 43 Resp: 82
Ion Ratio Lower Upper
43 100
70 0.0 41.9 62.9#
55 0.0 22.8 34.2#
61 0.0 22.7 34.1#

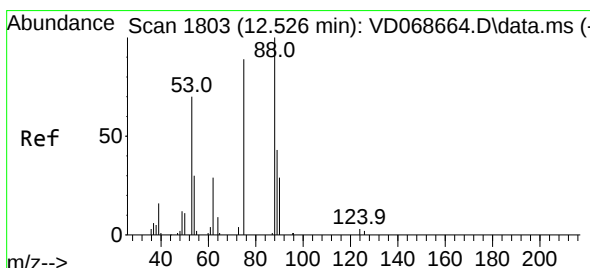
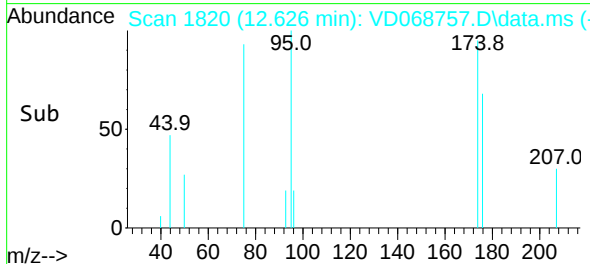
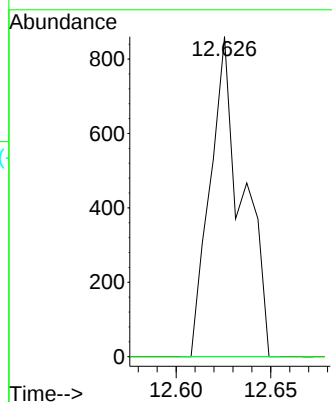
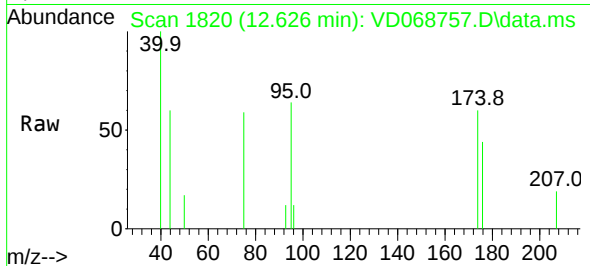




#76
1,2,3-Trichloropropane
Concen: 57.98 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.159 min
Lab File: VD068757.D
Acq: 01 Apr 2021 14:36

Instrument :
MSVOA_D
ClientSampleId :
RO-124037

Tgt Ion: 75 Resp: 1024
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 131.91 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD068757.D
Acq: 01 Apr 2021 14:36

Tgt Ion: 75 Resp: 1024
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 36.6 54.8#

