

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090120\
 Data File : VD066510.D
 Acq On : 01 Sep 2020 21:42
 Operator : VA/SY
 Sample : L3850-04
 Misc : 4.51G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 228

Quant Time: Sep 02 02:28:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

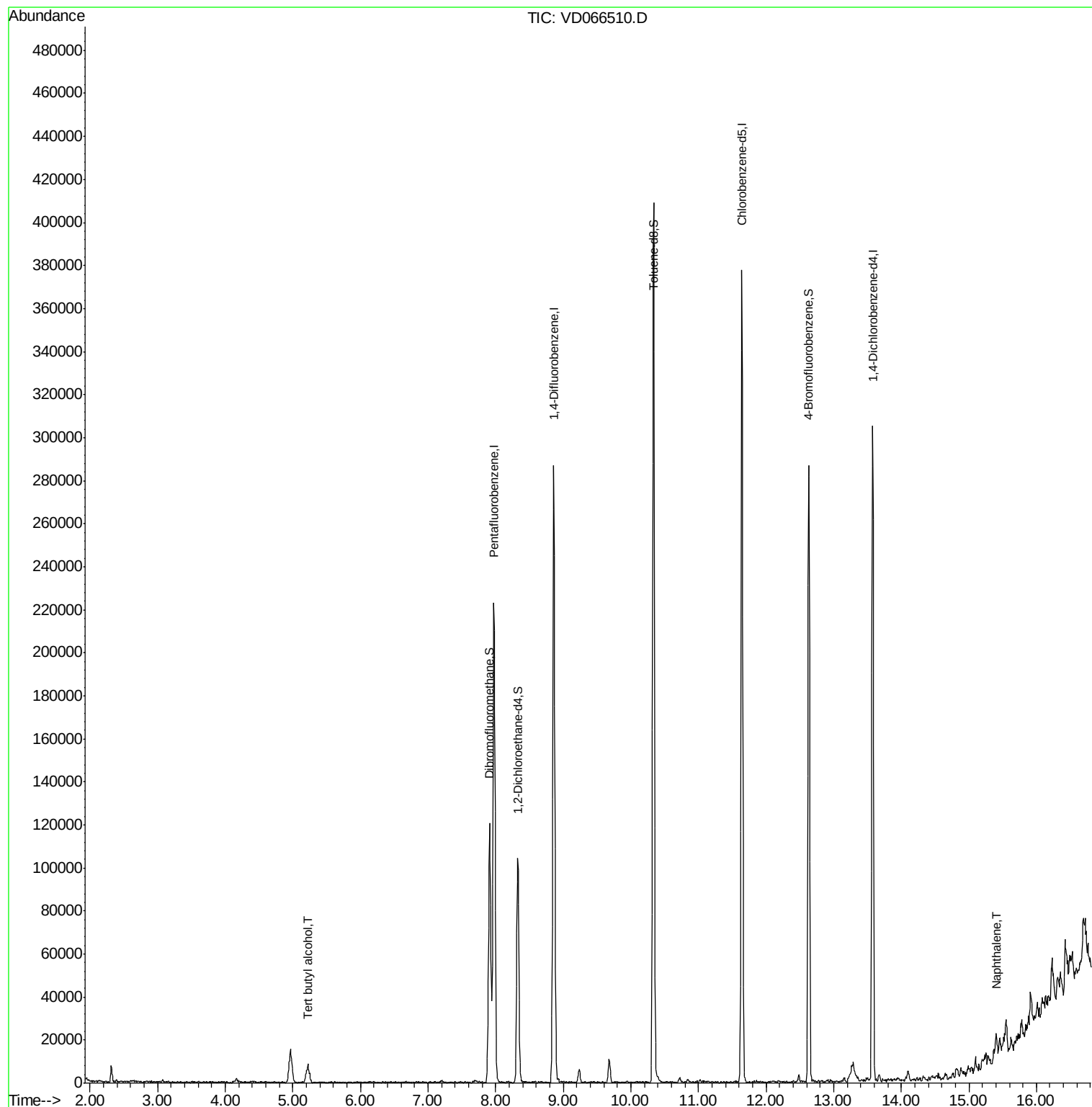
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	163830	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	244376	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	211588	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	84637	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	97991	61.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.02%	
35) Dibromofluoromethane	7.91	113	77836	50.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.88%	
50) Toluene-d8	10.34	98	273583	48.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.86%	
62) 4-Bromofluorobenzene	12.64	95	85357	43.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.04%	
Target Compounds						
11) Tert butyl alcohol	5.22	59	13739	127.753	ug/l	95
95) Naphthalene	15.40	128	10153	3.581	ug/l #	90

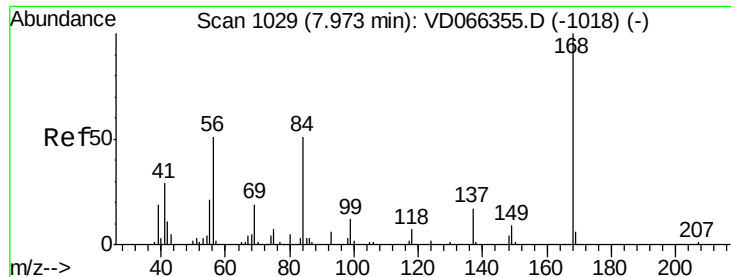
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VD066510.D

Acq: 01 Sep 2020 21:42

Instrument :

MSVOA_D

ClientSampleId :

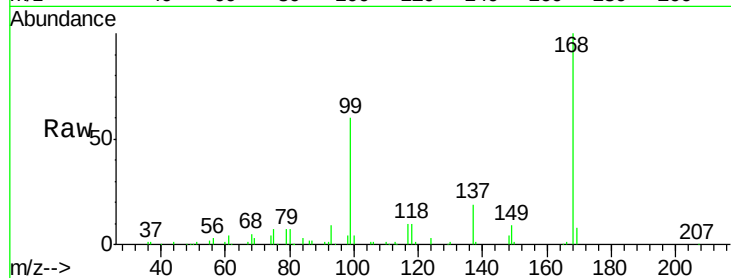
228

Tot Ion:168 Resp: 163830

Ion Ratio Lower Upper

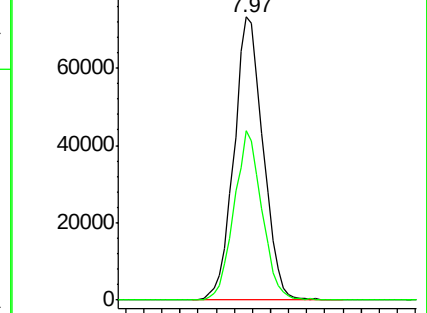
168 100

99 60.0 45.4 68.0

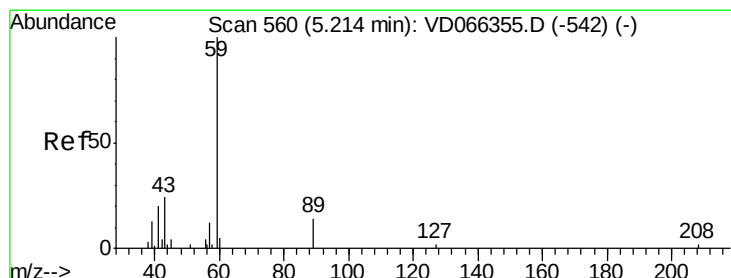
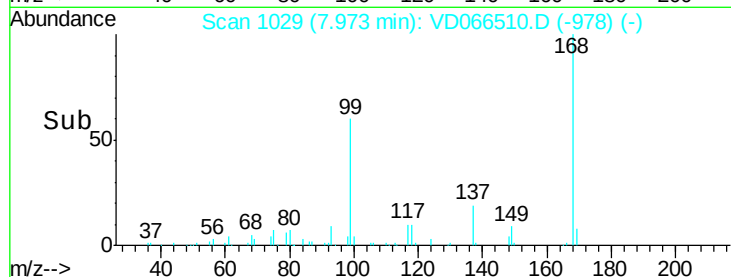


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



Time-->



#11

Tert butyl alcohol

Concen: 127.753 ug/l

RT: 5.22 min Scan# 561

Delta R.T. 0.01 min

Lab File: VD066510.D

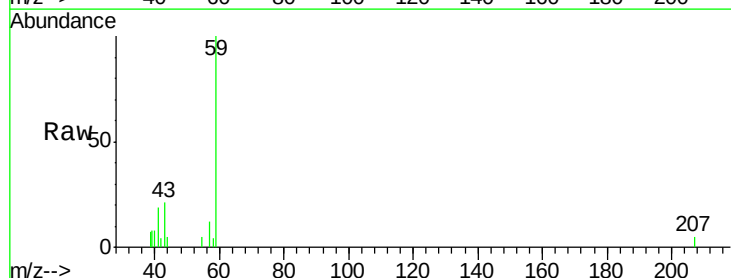
Acq: 01 Sep 2020 21:42

Tgt Ion: 59 Resp: 13739

Ion Ratio Lower Upper

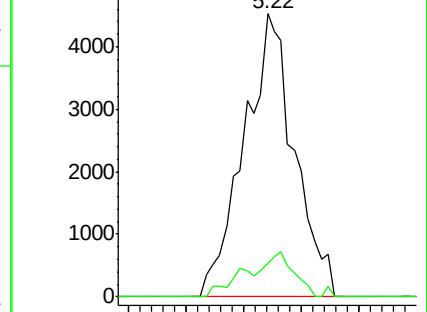
59 100

57 9.4 9.0 13.4

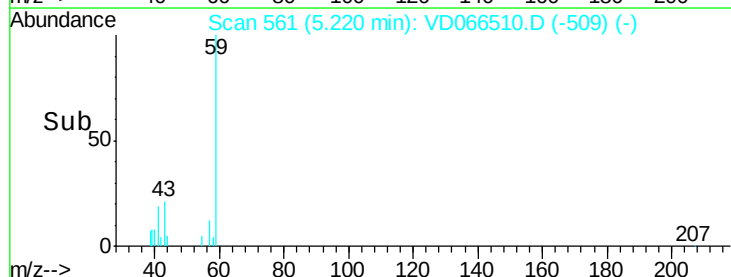


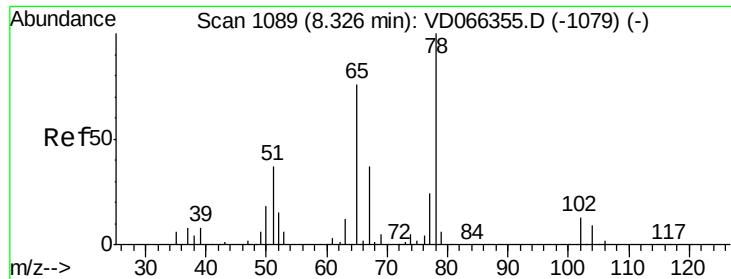
Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



Time-->

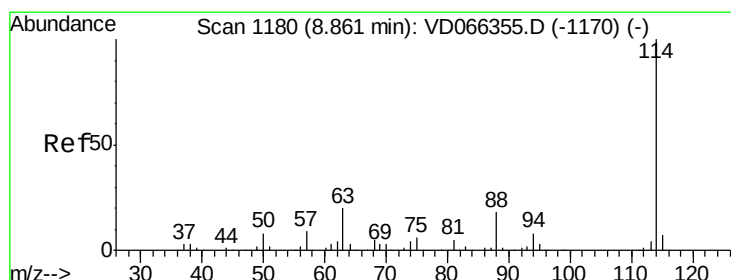
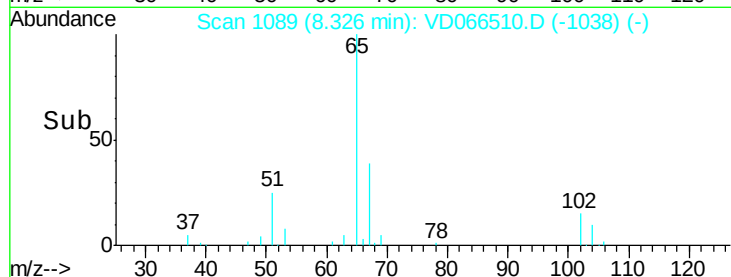
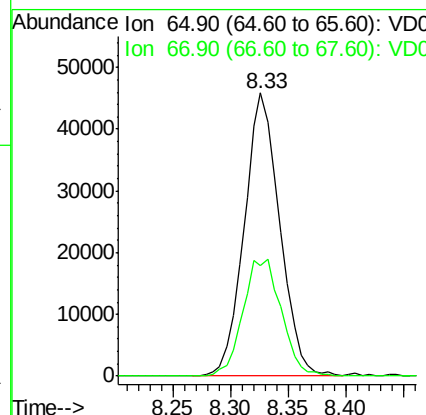
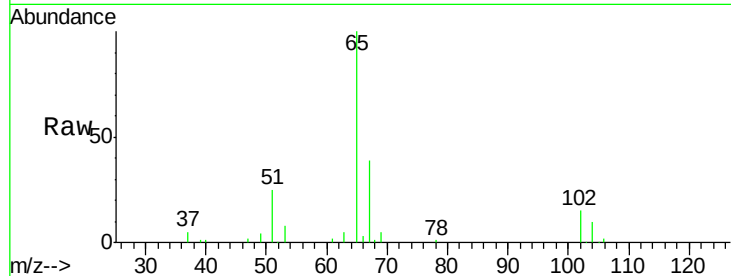




#33
 1,2-Dichloroethane-d4
 Concen: 61.009 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: VD066510.D
 Acq: 01 Sep 2020 21:42

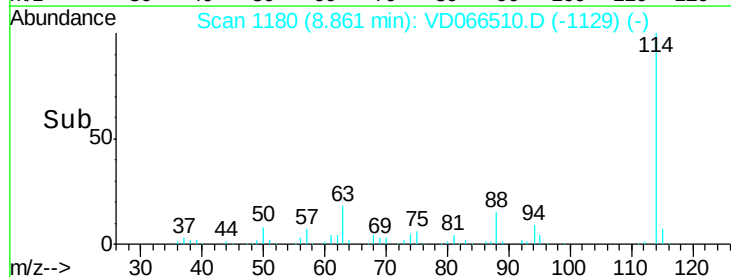
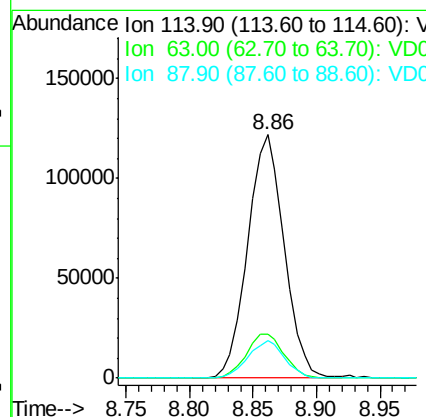
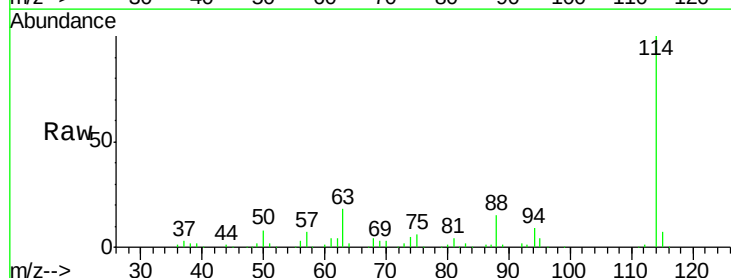
Instrument :
 MSVOA_D
 ClientSampled :
 228

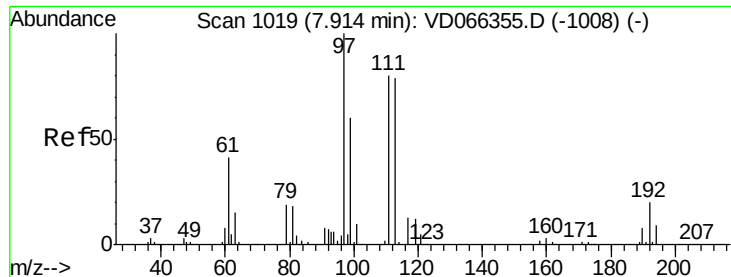
Tot Ion: 65 Resp: 97991
 Ion Ratio Lower Upper
 65 100
 67 44.7 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066510.D
 Acq: 01 Sep 2020 21:42

Tgt Ion: 114 Resp: 244376
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 40.8
 88 15.3 0.0 35.4

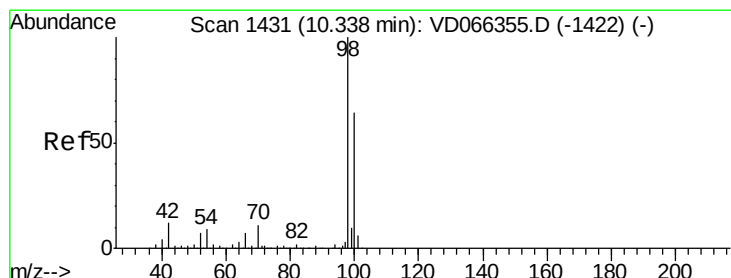
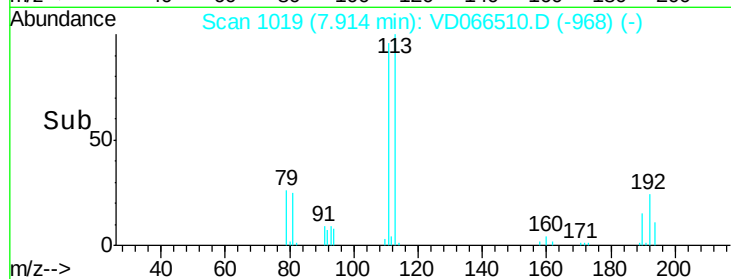
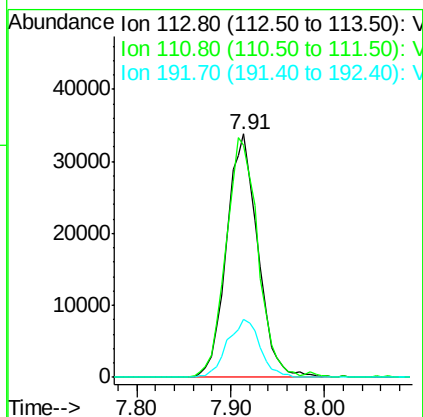
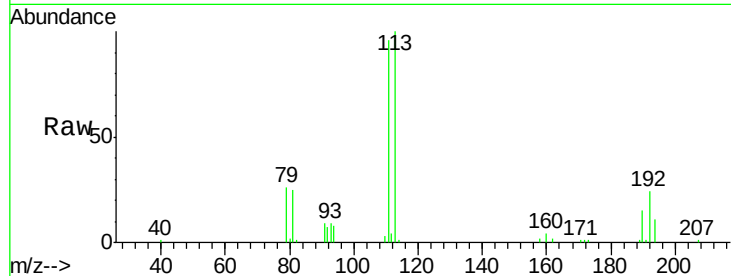




#35
 Dibromofluoromethane
 Concen: 50.936 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD066510.D
 Acq: 01 Sep 2020 21:42

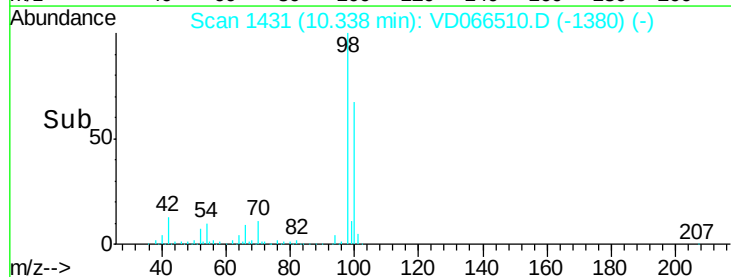
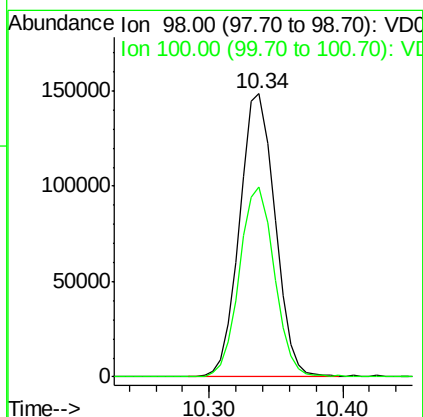
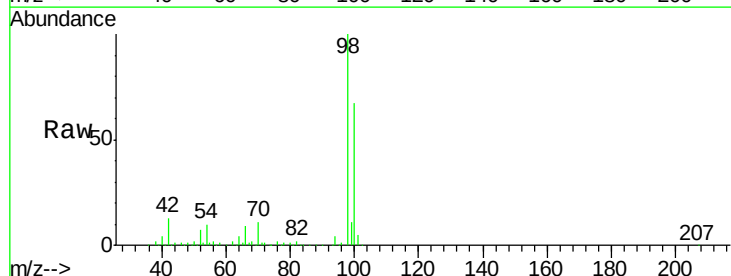
Instrument :
 MSVOA_D
 ClientSampleId :
 228

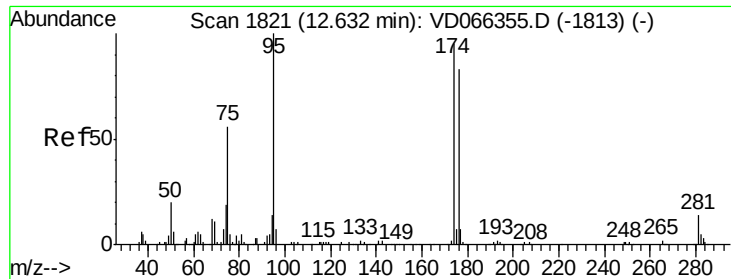
Tot Ion:113 Resp: 77836
 Ion Ratio Lower Upper
 113 100
 111 100.8 80.3 120.5
 192 24.9 19.0 28.6



#50
 Toluene-d8
 Concen: 48.932 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: VD066510.D
 Acq: 01 Sep 2020 21:42

Tgt Ion: 98 Resp: 273583
 Ion Ratio Lower Upper
 98 100
 100 66.2 53.0 79.4

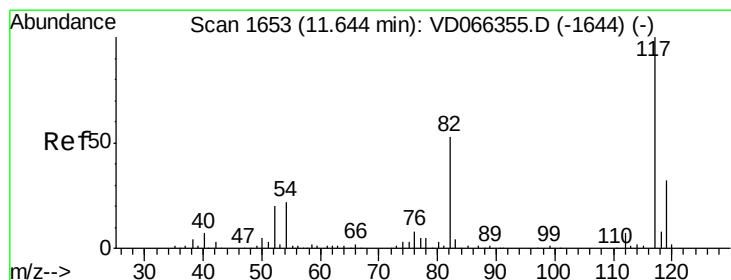
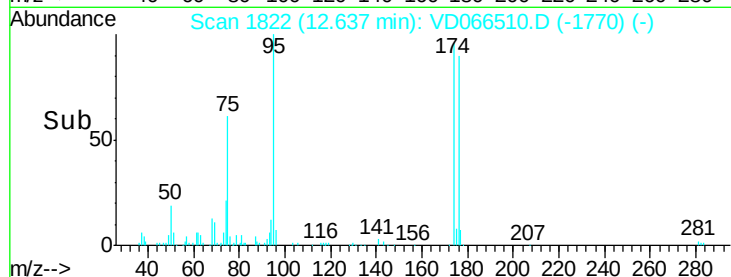
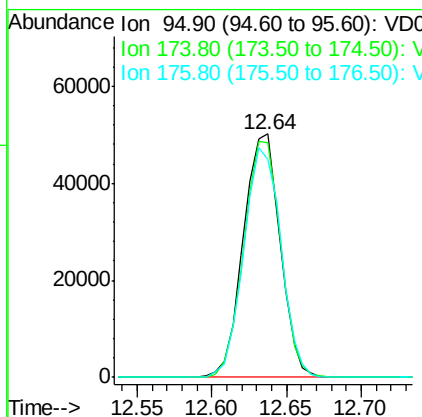
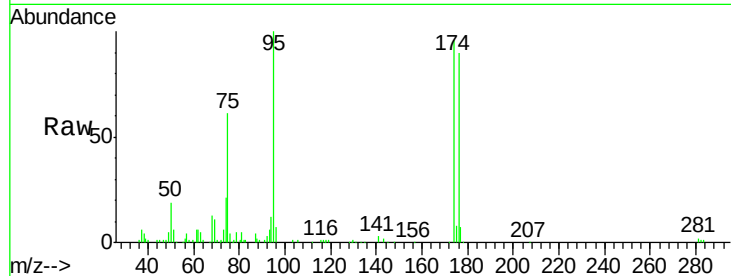




#62
4-Bromofluorobenzene
Concen: 43.023 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD066510.D
Acq: 01 Sep 2020 21:42

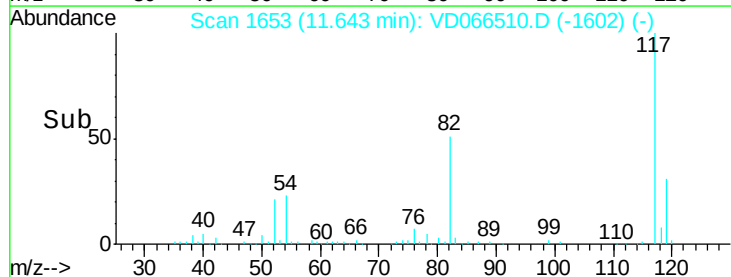
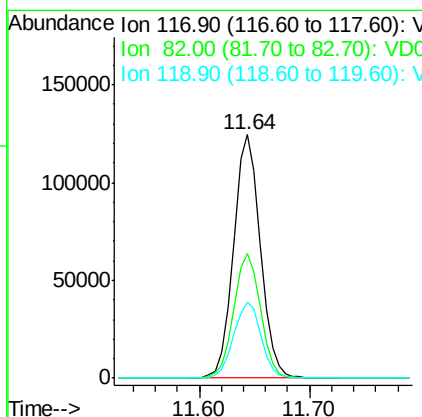
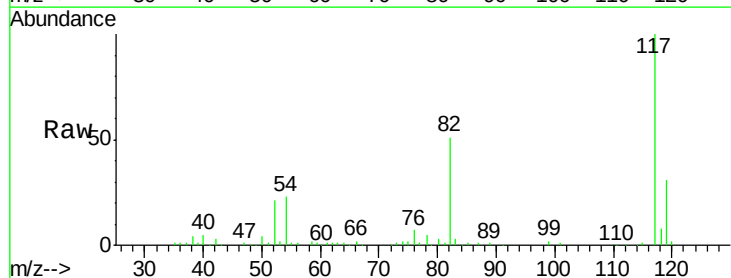
Instrument :
MSVOA_D
ClientSampleId :
228

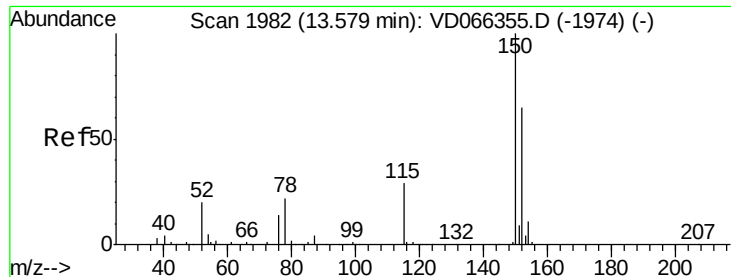
Tot Ion: 95 Resp: 85357
Ion Ratio Lower Upper
95 100
174 97.5 0.0 183.4
176 95.3 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066510.D
Acq: 01 Sep 2020 21:42

Tgt Ion: 117 Resp: 211588
Ion Ratio Lower Upper
117 100
82 51.3 42.8 64.2
119 31.3 25.8 38.8



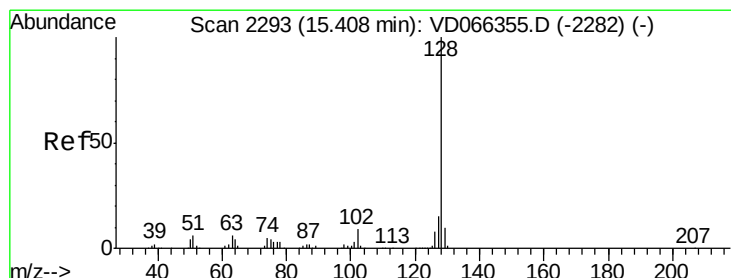
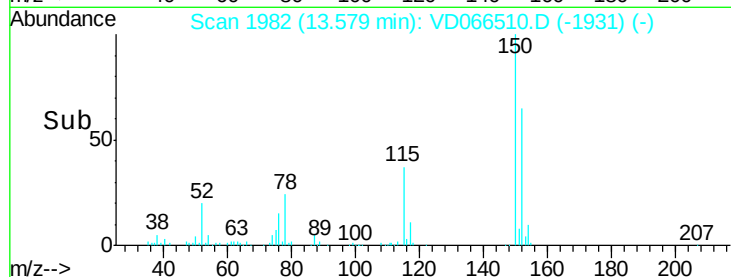
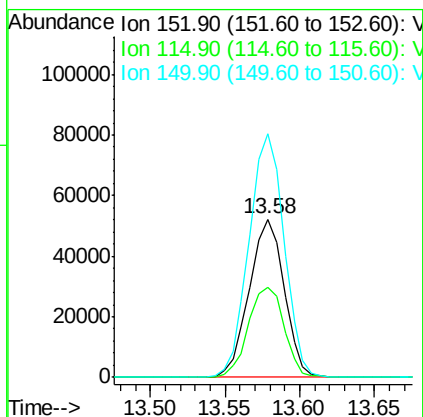
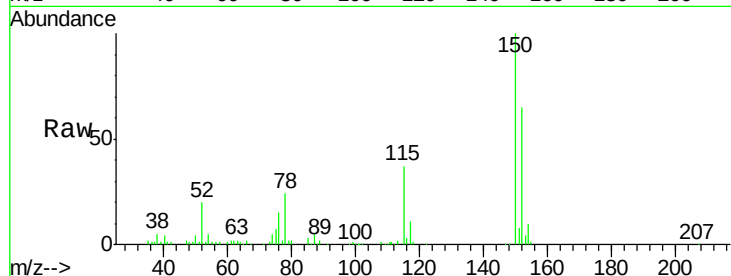


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066510.D
Acq: 01 Sep 2020 21:42

Instrument :
MSVOA_D
ClientSampleId :
228

Tot Ion:152 Resp: 84637
Ion Ratio Lower Upper
152 100
115 58.2 28.3 85.0
150 154.6 0.0 343.2



#95

Naphthalene
Concen: 3.581 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.01 min
Lab File: VD066510.D
Acq: 01 Sep 2020 21:42

Tgt Ion:128 Resp: 10153
Ion Ratio Lower Upper
128 100
127 19.8 10.7 16.1#
129 11.3 8.6 12.8

