

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092920\
 Data File : VD066933.D
 Acq On : 29 Sep 2020 12:39
 Operator : VA/SY
 Sample : L4173-05RE
 Misc : 9.32G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2-(3FT)RE

Quant Time: Sep 30 03:27:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	6714	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	9545	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	11505	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	5777	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	5279	80.33	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	160.66%	
35) Dibromofluoromethane	7.90	113	1382	22.76	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	45.52%	
50) Toluene-d8	10.34	98	11798	57.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.04%	
62) 4-Bromofluorobenzene	12.64	95	5361	75.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	151.38%	

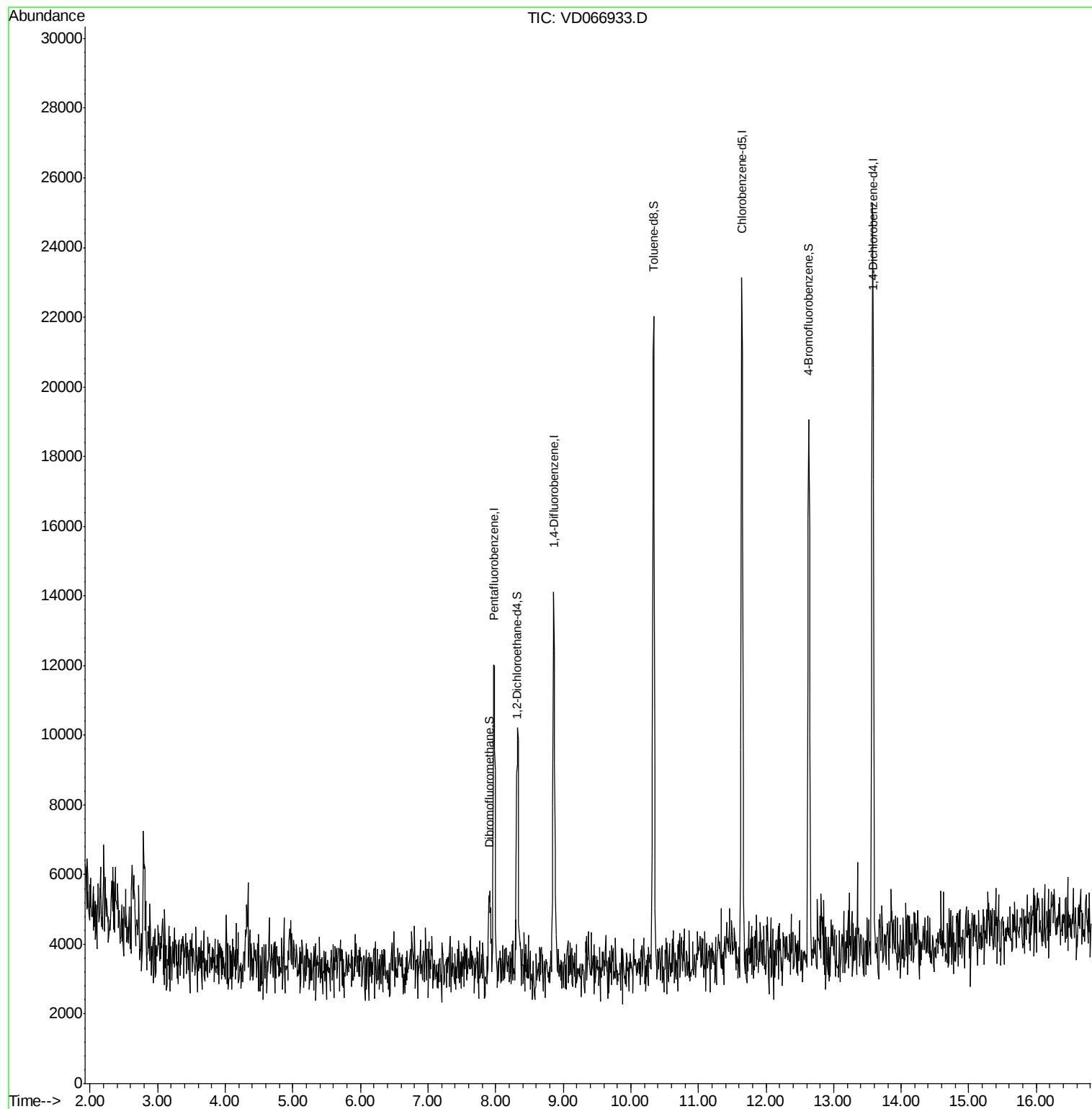
Target Compounds	Qvalue

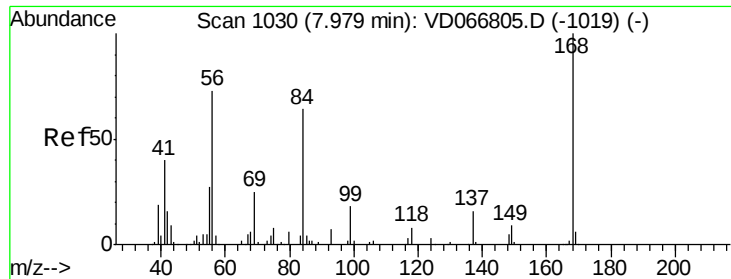
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066933.D

Acq: 29 Sep 2020 12:39

Instrument :

MSVOA_D

ClientSampleId :

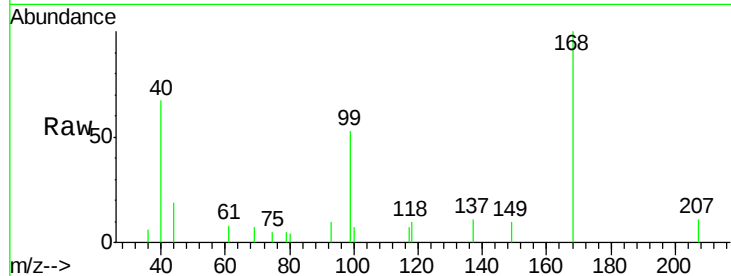
TP-2-(3FT)RE

Tot Ion:168 Resp: 6714

Ion Ratio Lower Upper

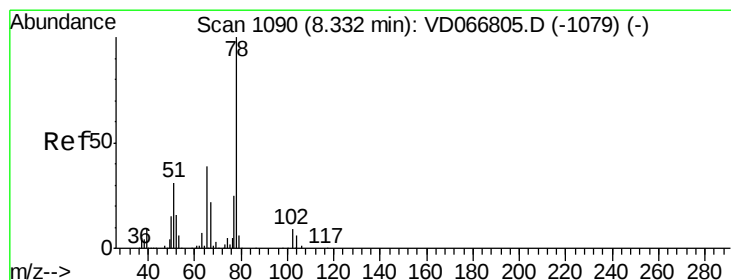
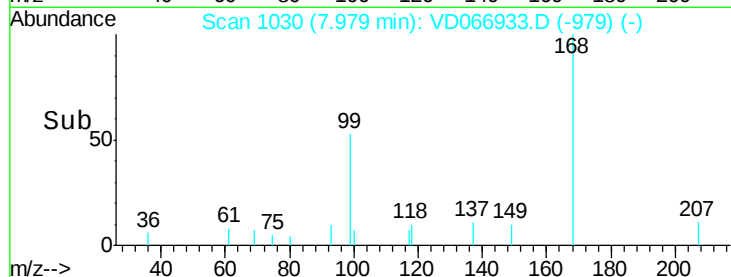
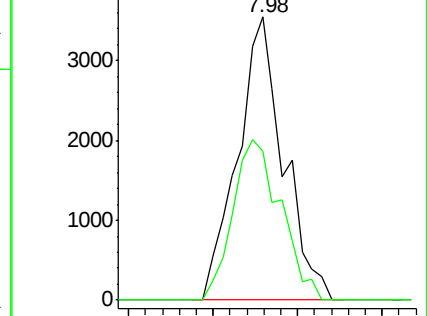
168 100

99 52.6 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 80.333 ug/l

RT: 8.31 min Scan# 1087

Delta R.T. -0.02 min

Lab File: VD066933.D

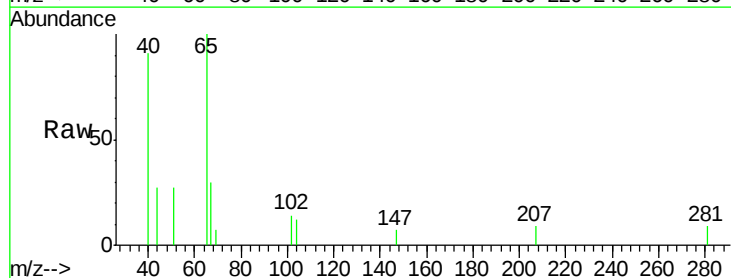
Acq: 29 Sep 2020 12:39

Tgt Ion: 65 Resp: 5279

Ion Ratio Lower Upper

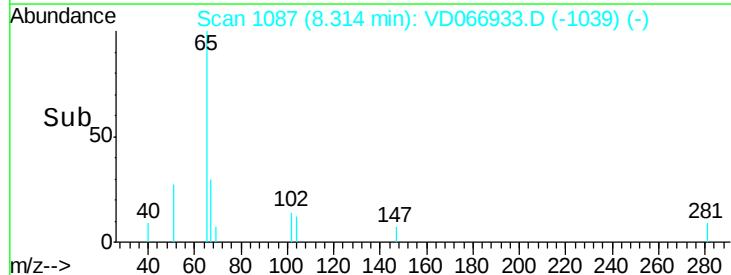
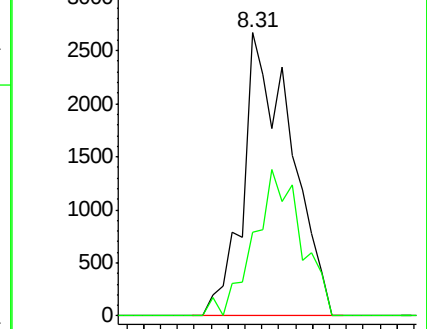
65 100

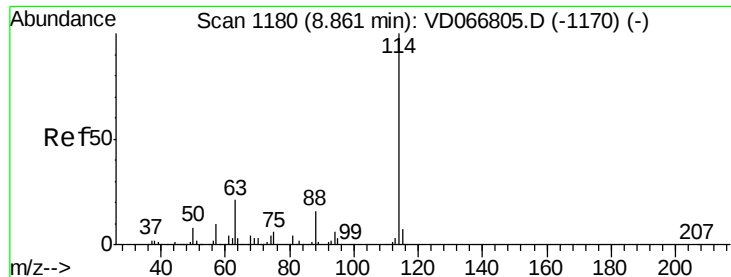
67 51.0 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

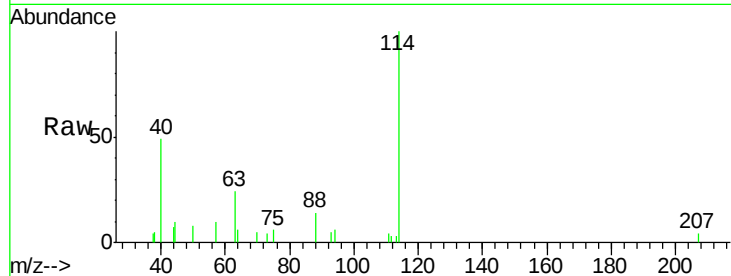




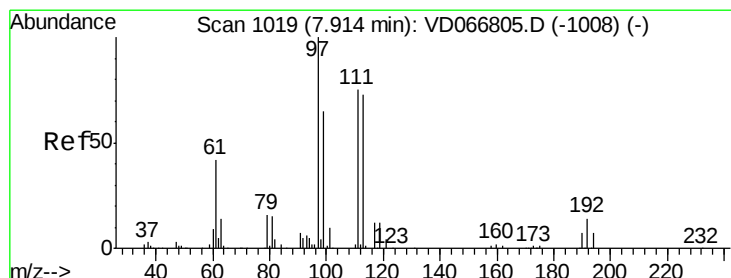
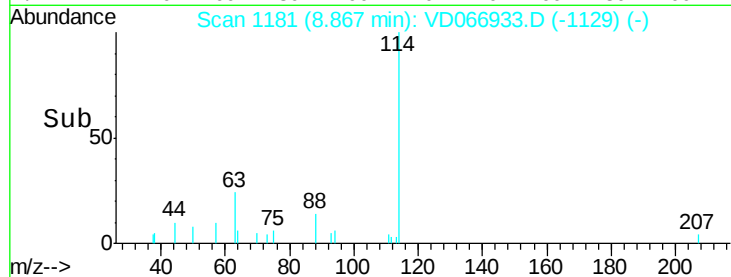
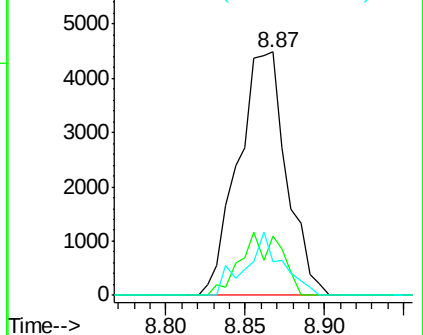
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: VD066933.D
 Acq: 29 Sep 2020 12:39

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2-(3FT)RE

Tot Ion:114 Resp: 9545
 Ion Ratio Lower Upper
 114 100
 63 24.5 0.0 42.6
 88 13.9 0.0 32.6

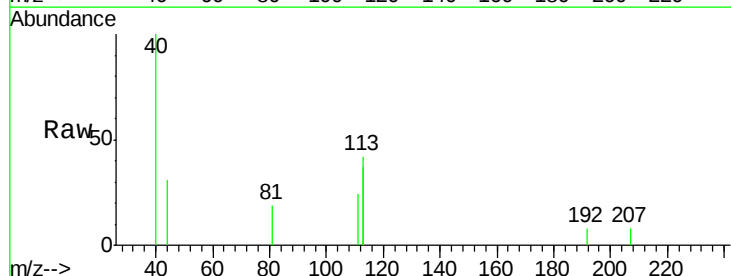


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

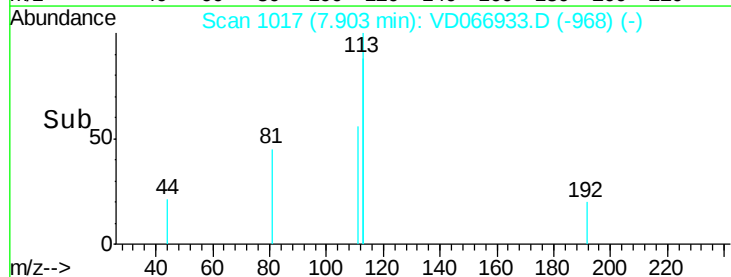
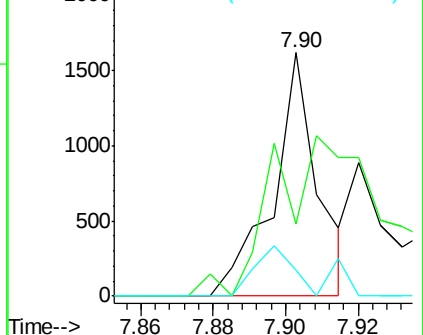


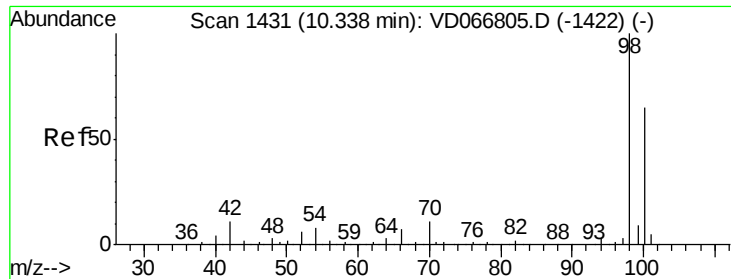
#35
 Dibromofluoromethane
 Concen: 22.758 ug/l
 RT: 7.90 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: VD066933.D
 Acq: 29 Sep 2020 12:39

Tgt Ion:113 Resp: 1382
 Ion Ratio Lower Upper
 113 100
 111 163.1 81.8 122.8#
 192 17.4 14.4 21.6



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

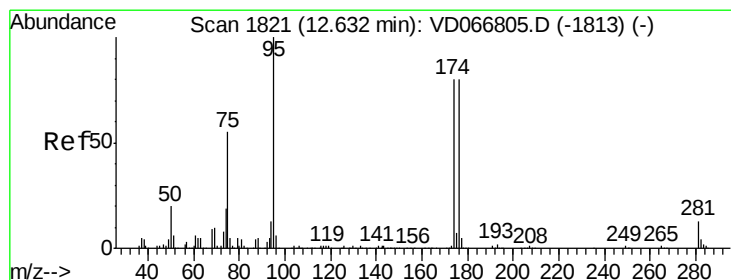
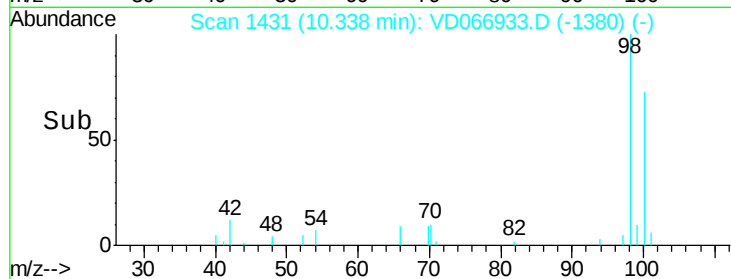
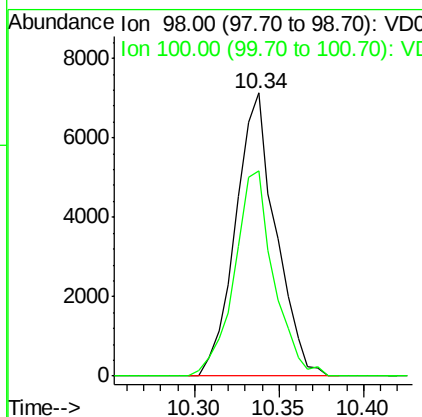
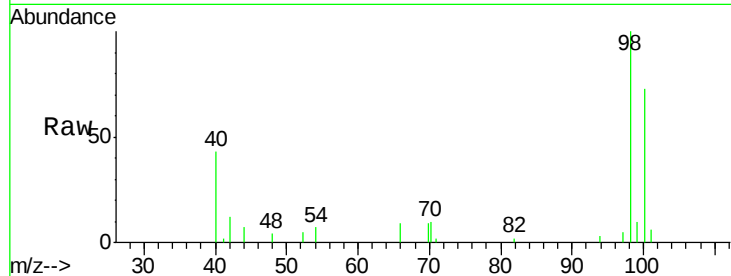




#50
Toluene-d8
Concen: 57.022 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066933.D
Acq: 29 Sep 2020 12:39

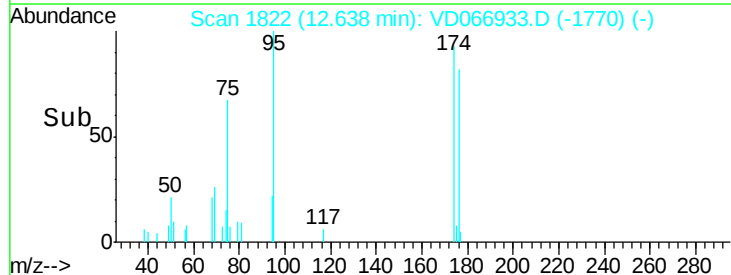
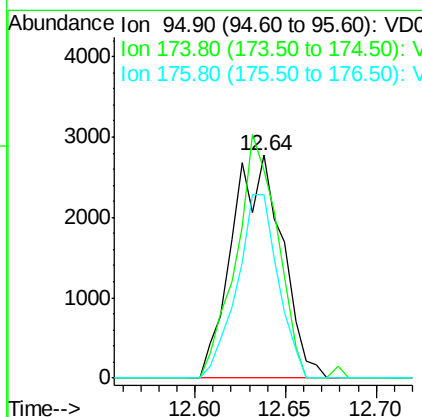
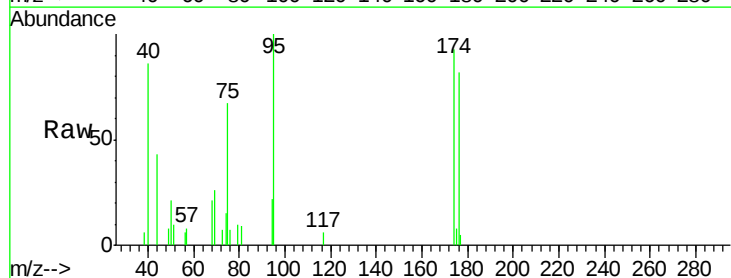
Instrument :
MSVOA_D
ClientSampleId :
TP-2-(3FT)RE

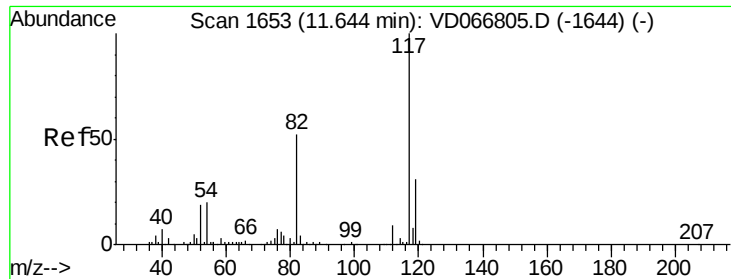
Tot Ion: 98 Resp: 11798
Ion Ratio Lower Upper
98 100
100 71.1 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 75.689 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD066933.D
Acq: 29 Sep 2020 12:39

Tgt Ion: 95 Resp: 5361
Ion Ratio Lower Upper
95 100
174 89.1 0.0 159.8
176 66.9 0.0 154.4

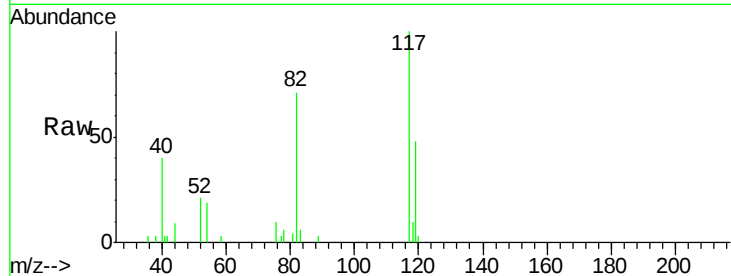




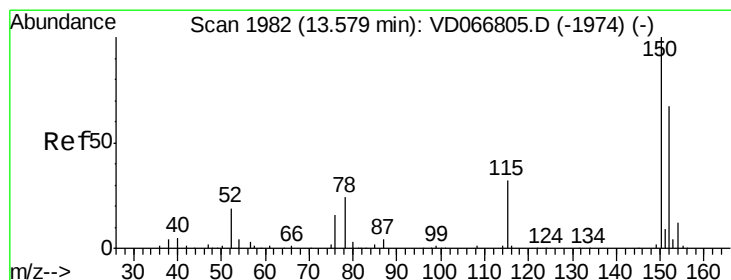
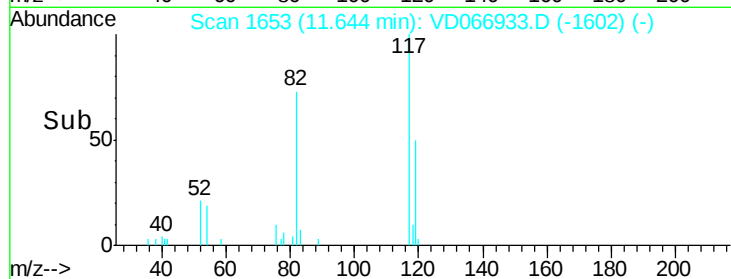
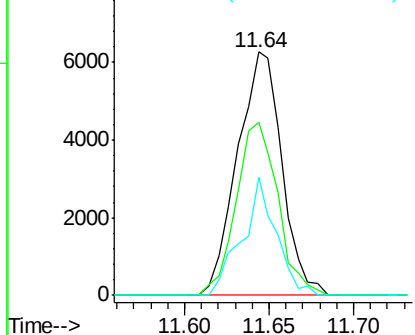
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066933.D
Acq: 29 Sep 2020 12:39

Instrument :
MSVOA_D
ClientSampleId :
TP-2-(3FT)RE

Tot Ion:117 Resp: 11505
Ion Ratio Lower Upper
117 100
82 71.0 41.8 62.6#
119 48.3 24.6 37.0#

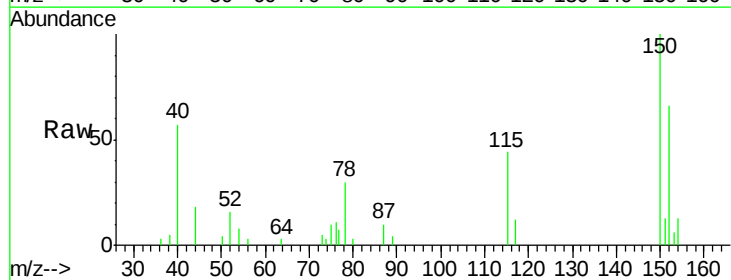


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066933.D
Acq: 29 Sep 2020 12:39

Tgt Ion:152 Resp: 5777
Ion Ratio Lower Upper
152 100
115 71.2 30.3 91.0
150 157.1 0.0 346.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

