

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072920\
 Data File : VD066088.D
 Acq On : 29 Jul 2020 14:42
 Operator : VA/SY
 Sample : L3489-04
 Misc : 5.01G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CS-4

Quant Time: Jul 30 03:04:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:34:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	93368	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	146877	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	176422	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	103912	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	58423	76.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	153.80%	
35) Dibromofluoromethane	7.91	113	54349	61.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.02%	
50) Toluene-d8	10.34	98	186259	56.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.24%	
62) 4-Bromofluorobenzene	12.64	95	84920	73.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	147.60%	

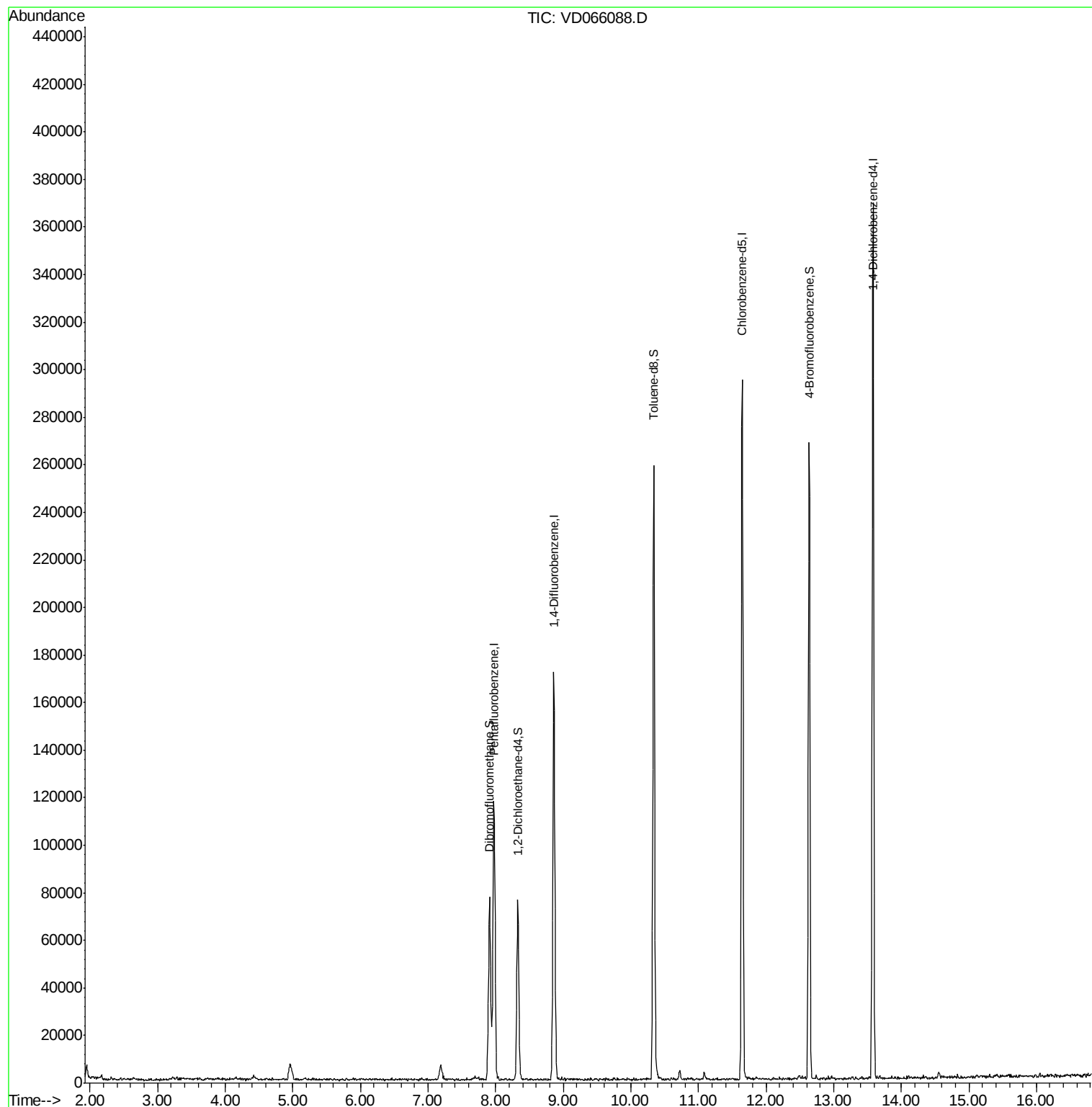
Target Compounds	Qvalue

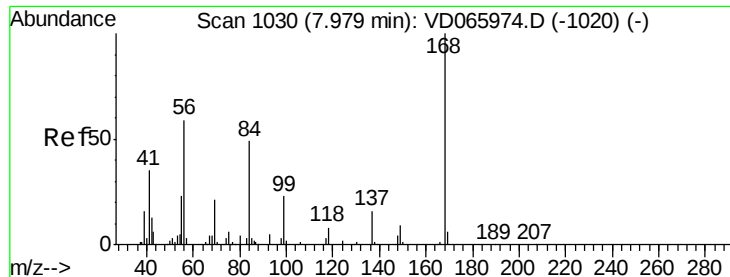
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066088.D

Acq: 29 Jul 2020 14:42

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MSVOA_D

ClientSampleId :

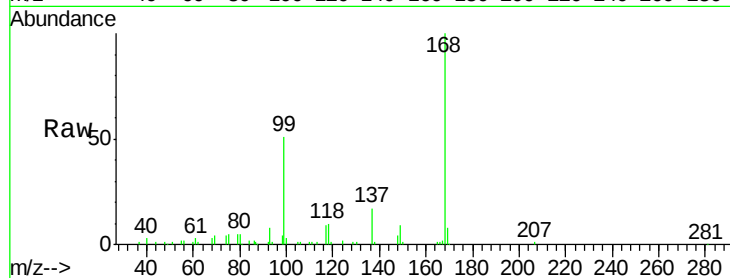
CS-4

Tot Ion:168 Resp: 93368

Ion Ratio Lower Upper

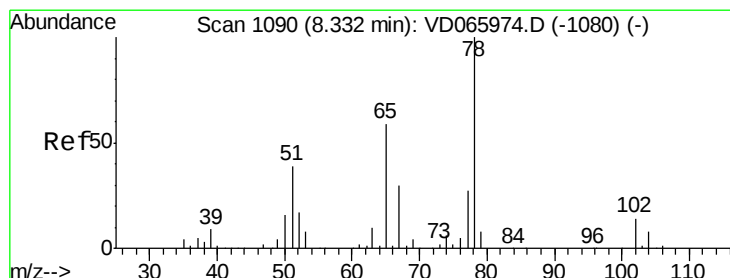
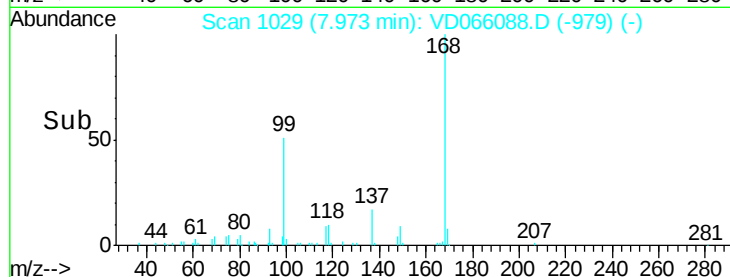
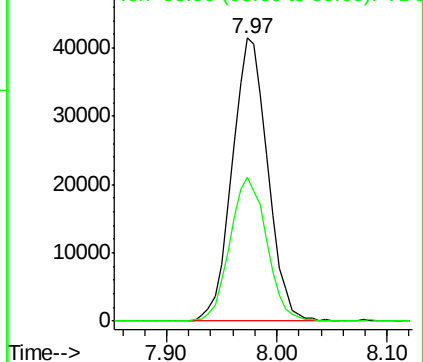
168 100

99 51.1 40.8 61.2



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: 76.900 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066088.D

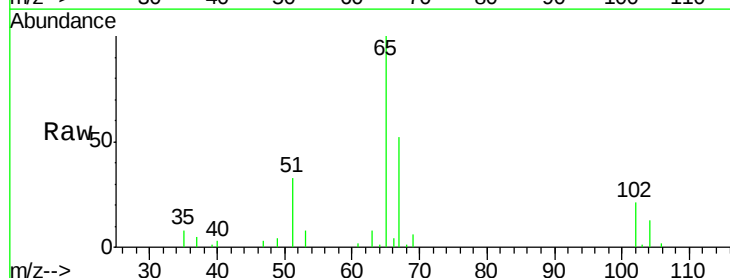
Acq: 29 Jul 2020 14:42

Tgt Ion: 65 Resp: 58423

Ion Ratio Lower Upper

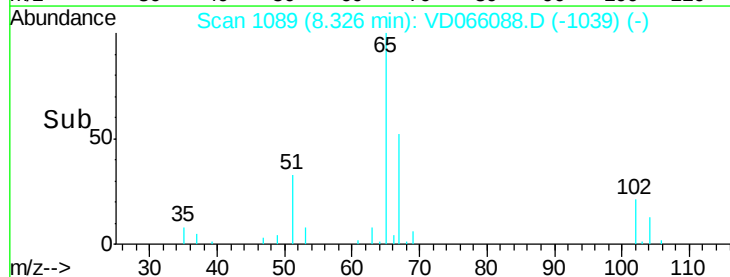
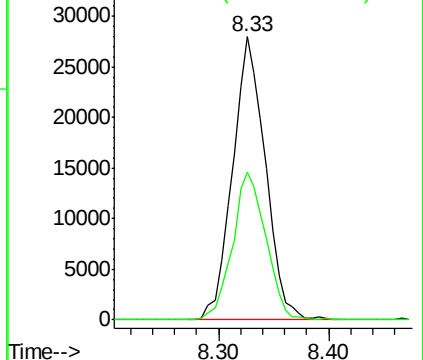
65 100

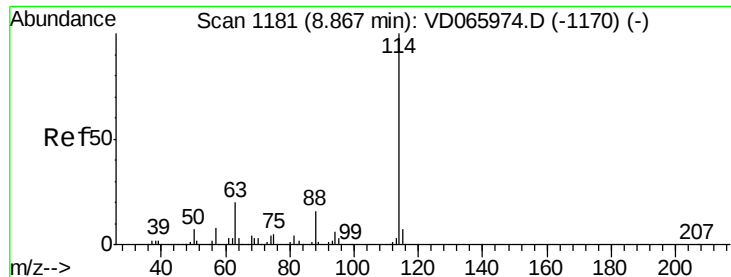
67 52.9 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

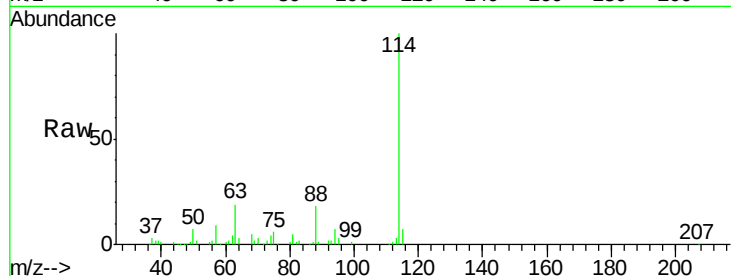




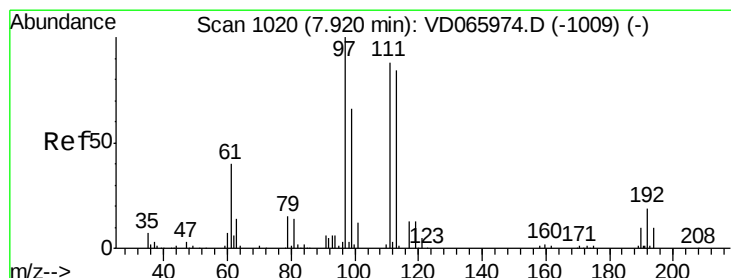
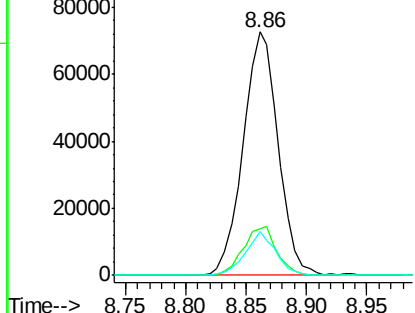
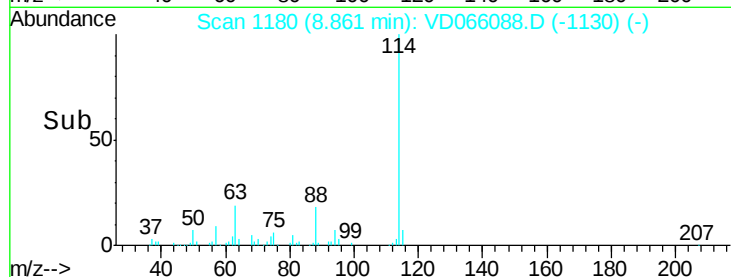
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: VD066088.D
 Acq: 29 Jul 2020 14:42

Instrument :
 MSVOA_D
 ClientSampleID :
 CS-4

Tot Ion:114 Resp: 146877
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.6
 88 17.9 0.0 31.2

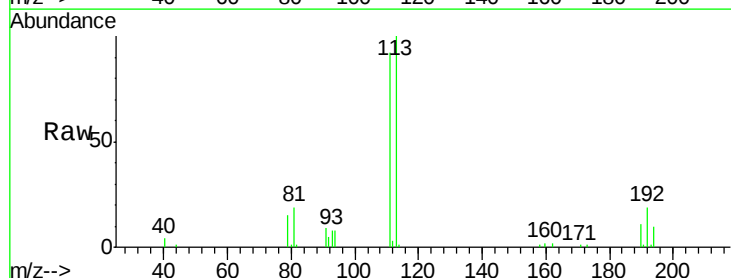


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

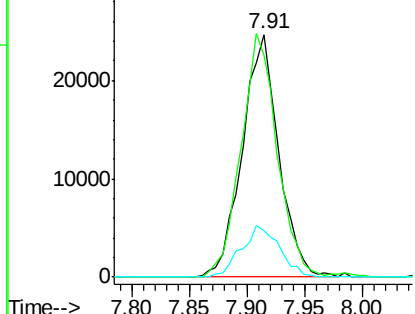
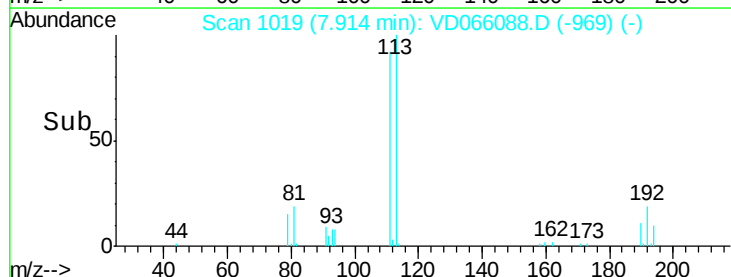


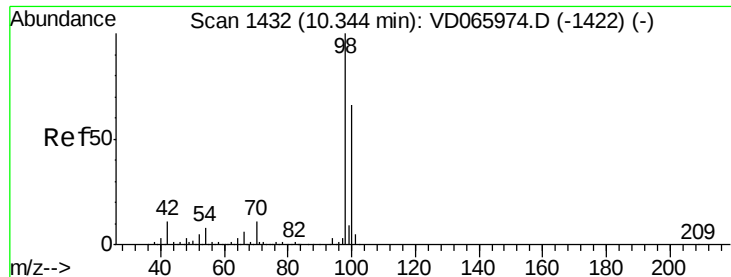
#35
 Dibromofluoromethane
 Concen: 61.008 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD066088.D
 Acq: 29 Jul 2020 14:42

Tgt Ion:113 Resp: 54349
 Ion Ratio Lower Upper
 113 100
 111 99.5 83.2 124.8
 192 22.2 18.7 28.1



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

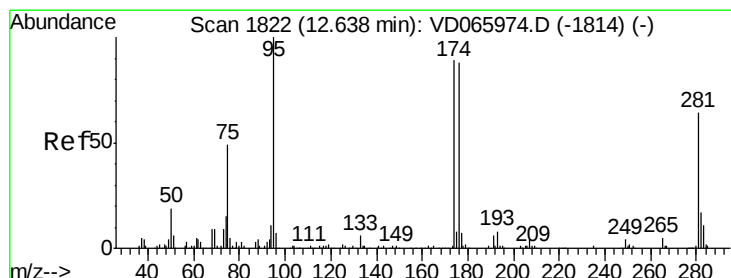
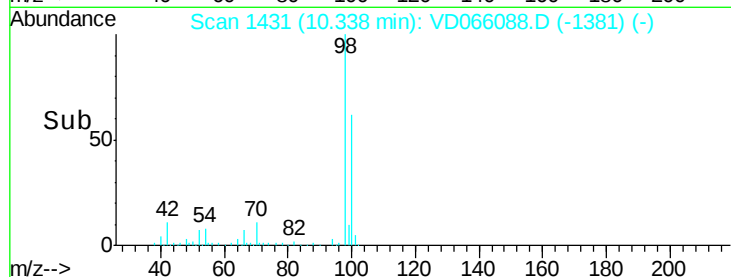
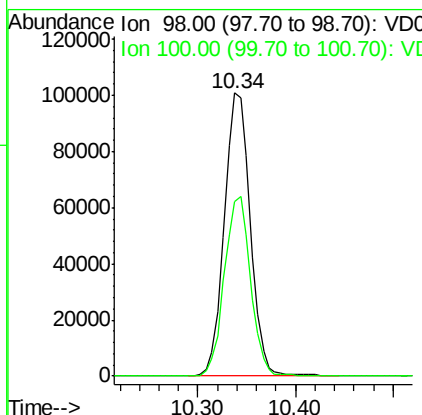
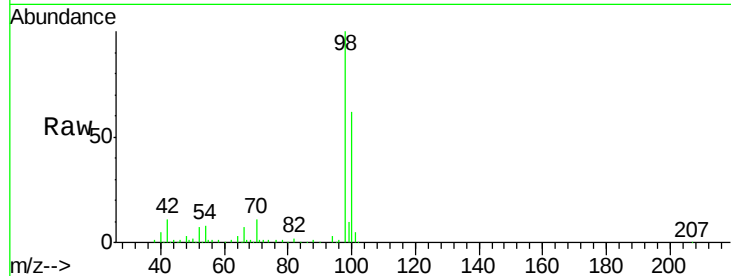




#50
Toluene-d8
Concen: 56.125 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VD066088.D
Acq: 29 Jul 2020 14:42

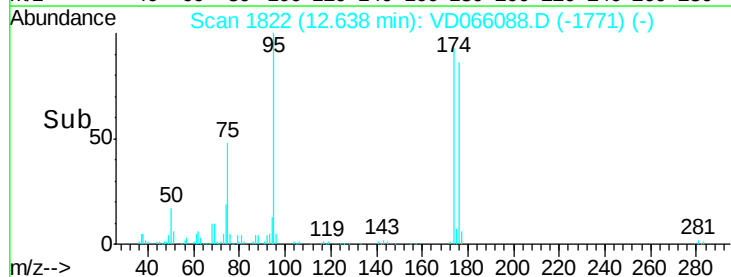
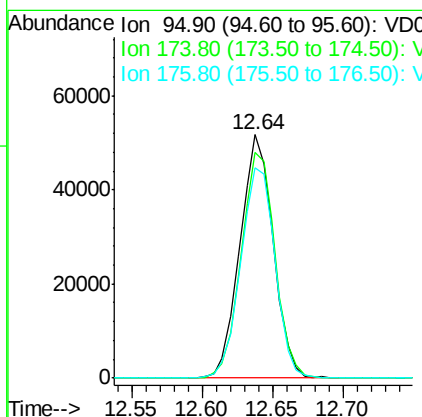
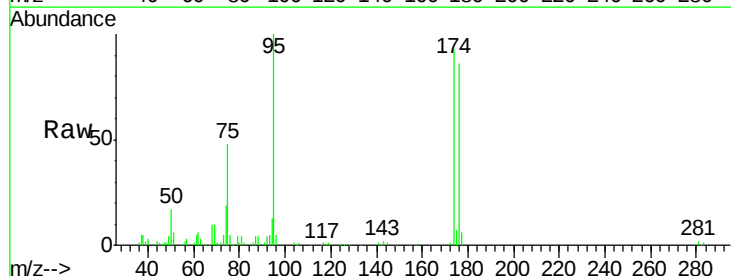
Instrument :
MSVOA_D
ClientSampleId :
CS-4

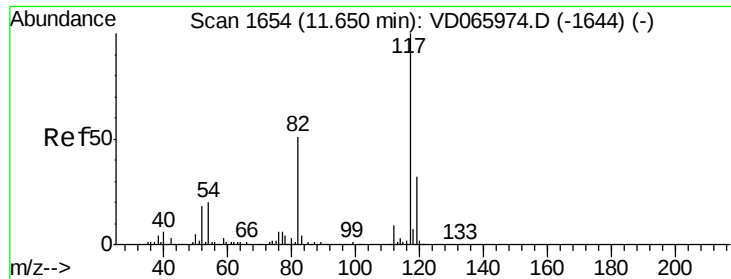
Tot Ion: 98 Resp: 186259
Ion Ratio Lower Upper
98 100
100 64.0 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 73.798 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD066088.D
Acq: 29 Jul 2020 14:42

Tgt Ion: 95 Resp: 84920
Ion Ratio Lower Upper
95 100
174 94.9 0.0 178.8
176 89.3 0.0 172.6

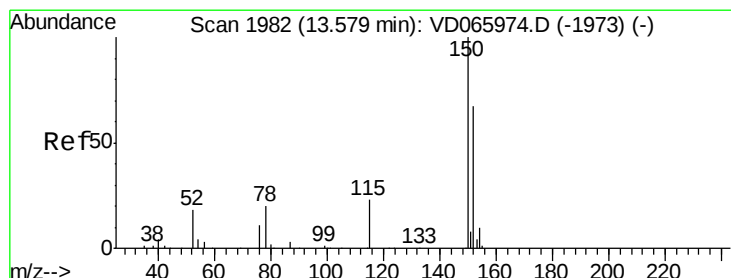
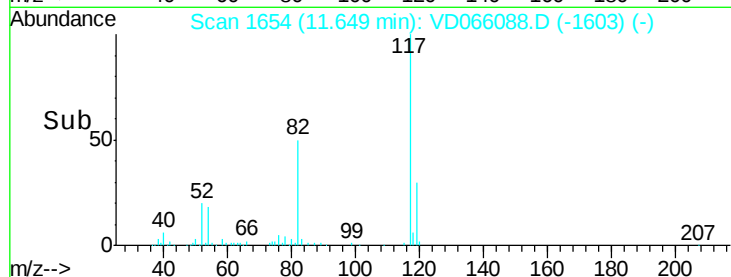
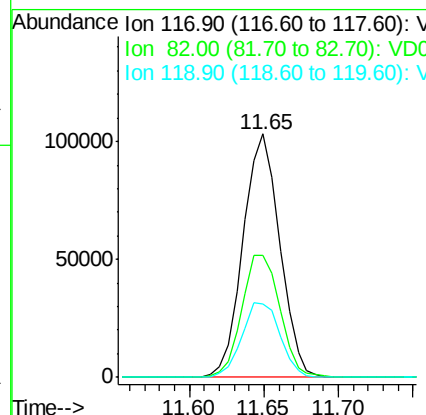
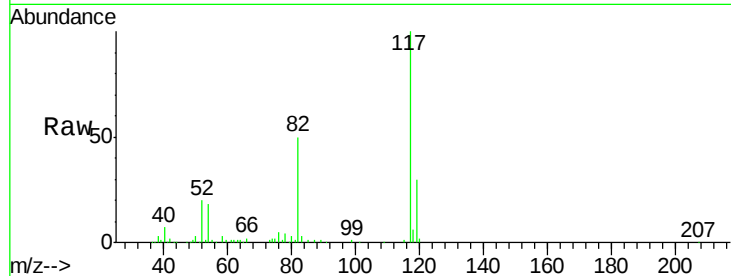




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD066088.D
Acq: 29 Jul 2020 14:42

Instrument :
MSVOA_D
ClientSampled :
CS-4

Tot Ion:117 Resp: 176422
Ion Ratio Lower Upper
117 100
82 50.0 41.1 61.7
119 30.3 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD066088.D
Acq: 29 Jul 2020 14:42

Tgt Ion:152 Resp: 103912
Ion Ratio Lower Upper
152 100
115 54.6 27.9 83.7
150 154.6 0.0 348.2

