

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112119\
 Data File : VD064330.D
 Acq On : 21 Nov 2019 17:54
 Operator : VA/SY
 Sample : K5973-04
 Misc : 7.69G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DUCT-BANK-2

Quant Time: Nov 22 02:33:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 12 02:43:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	917279	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1316395	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1120929	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	507731	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	371703	49.27	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.54%	
35) Dibromofluoromethane	7.92	113	395439	52.33	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.66%	
50) Toluene-d8	10.34	98	1524142	53.47	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.94%	
62) 4-Bromofluorobenzene	12.64	95	467582	47.37	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.74%	

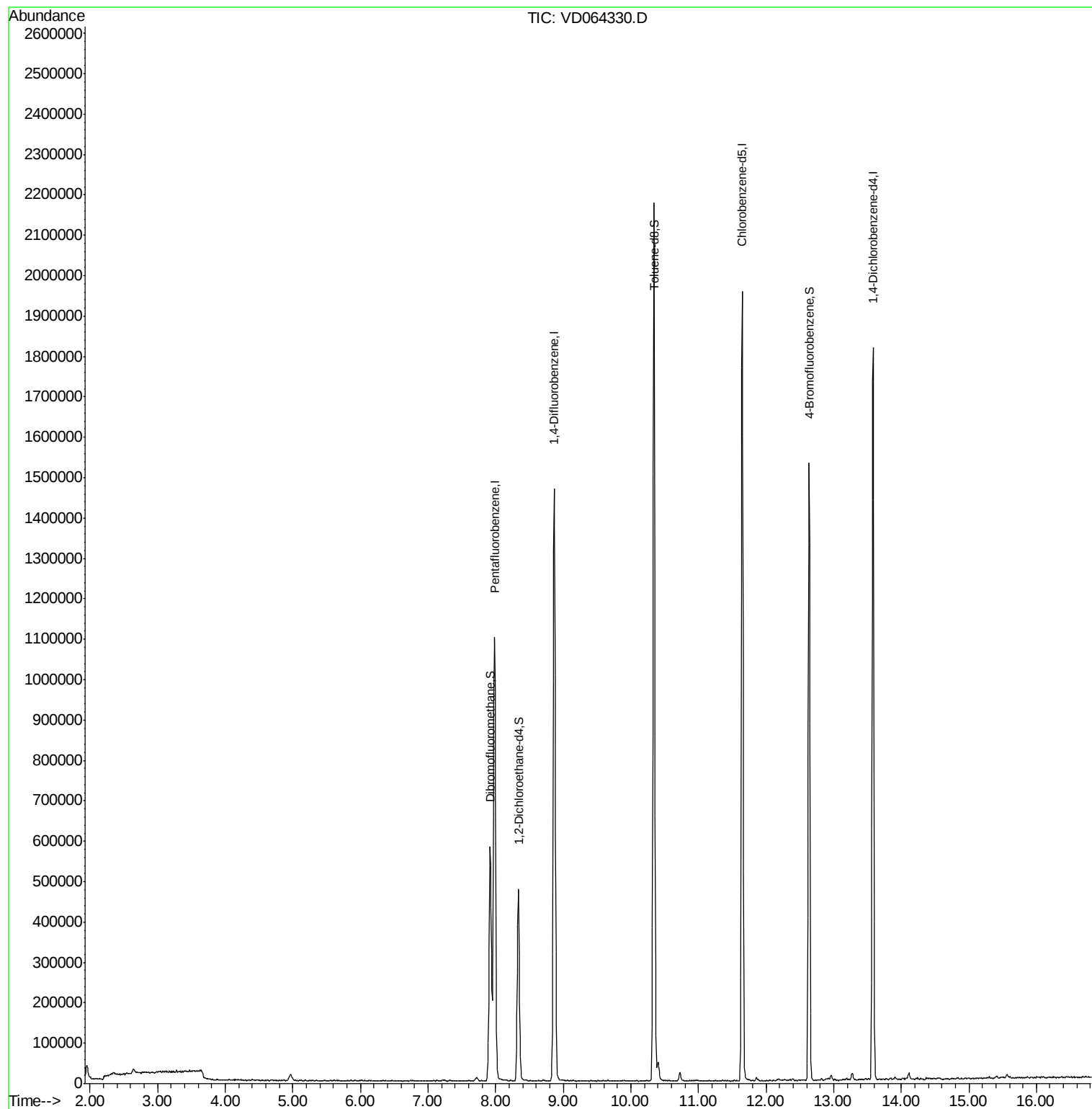
Target Compounds	Qvalue

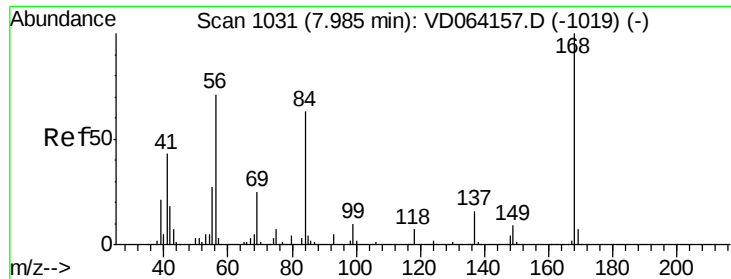
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD064330.D

Acq: 21 Nov 2019 17:54

Instrument :

MSVOA_D

ClientSampleId :

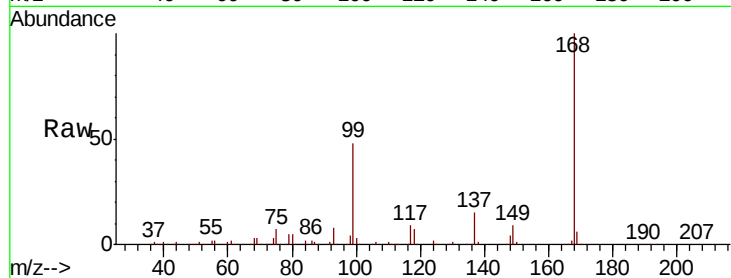
DUCT-BANK-2

Tot Ion:168 Resp: 917279

Ion Ratio Lower Upper

168 100

99 48.0 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

400000

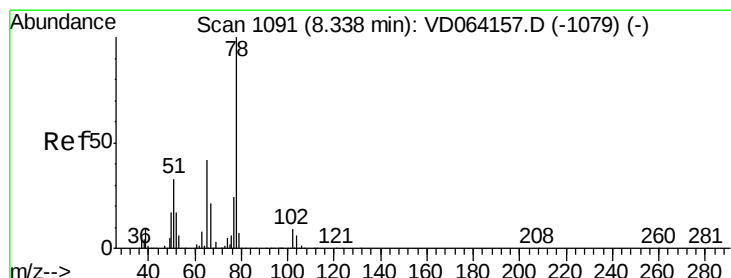
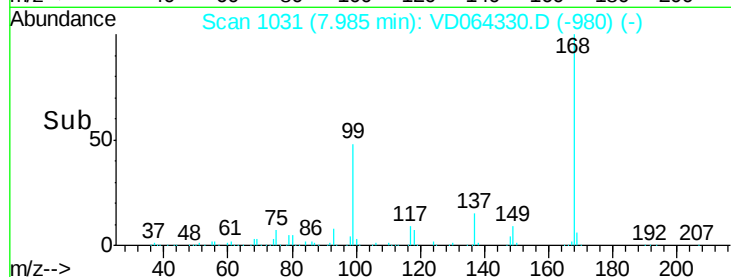
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.271 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD064330.D

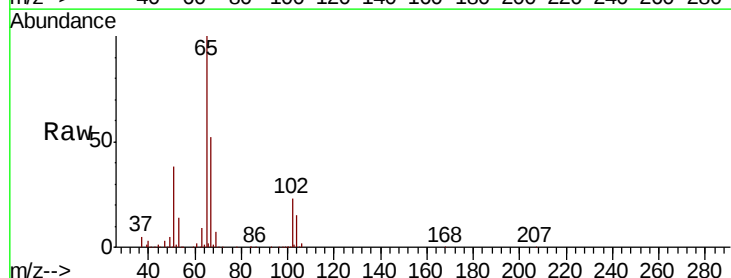
Acq: 21 Nov 2019 17:54

Tgt Ion: 65 Resp: 371703

Ion Ratio Lower Upper

65 100

67 51.6 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

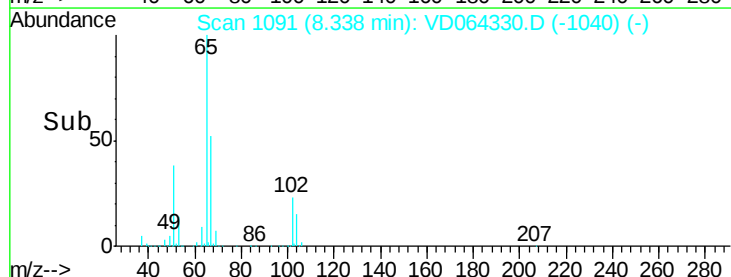
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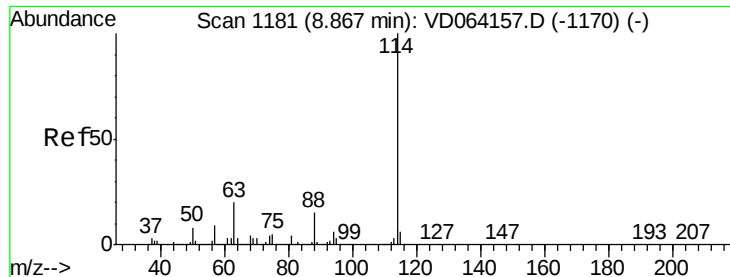
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Time-->

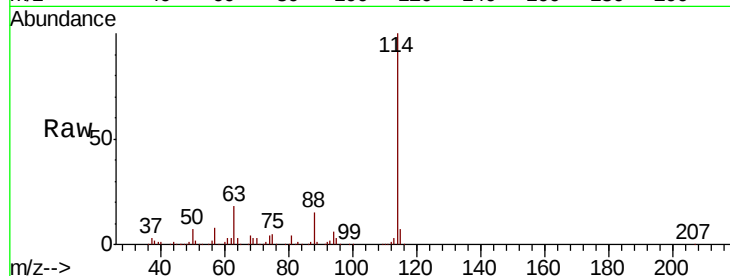




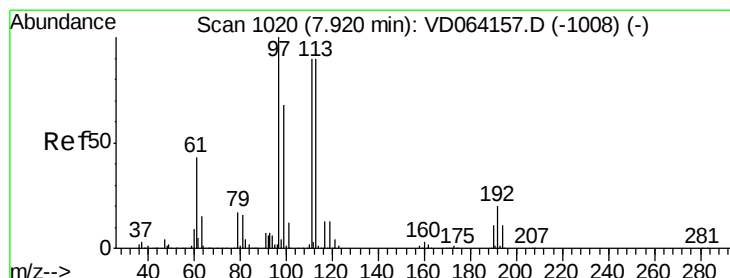
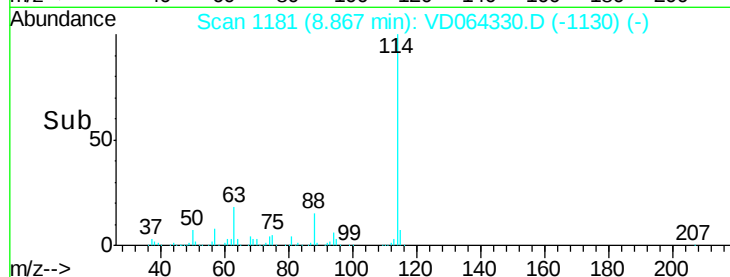
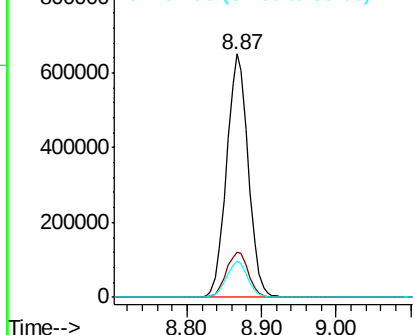
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD064330.D
Acq: 21 Nov 2019 17:54

Instrument :
MSVOA_D
ClientSampleId :
DUCT-BANK-2

Tot Ion:114 Resp: 1316395
Ion Ratio Lower Upper
114 100
63 18.4 0.0 40.0
88 15.0 0.0 30.2

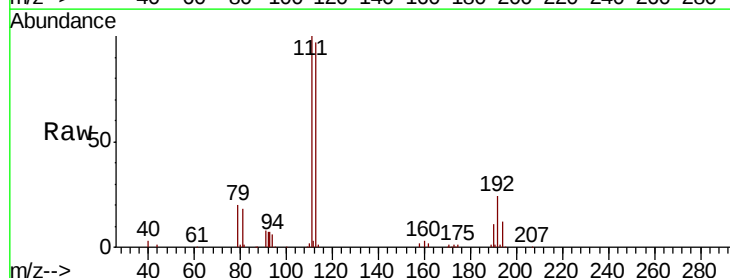


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VDC
Ion 87.90 (87.60 to 88.60): VDC

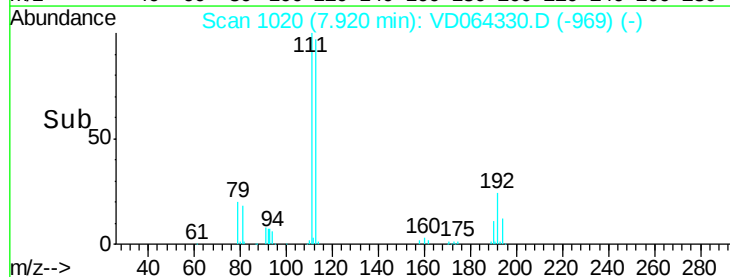
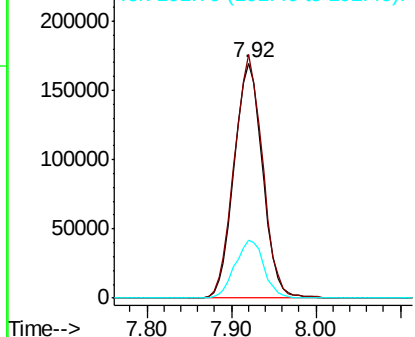


#35
Dibromofluoromethane
Concen: 52.332 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD064330.D
Acq: 21 Nov 2019 17:54

Tgt Ion:113 Resp: 395439
Ion Ratio Lower Upper
113 100
111 103.0 81.5 122.3
192 24.9 18.8 28.2



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

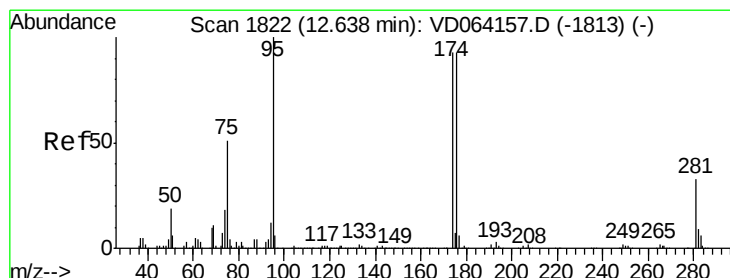
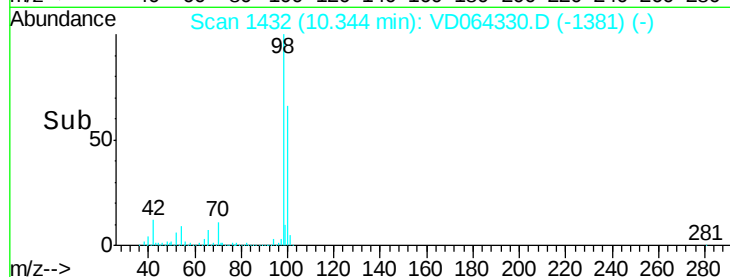
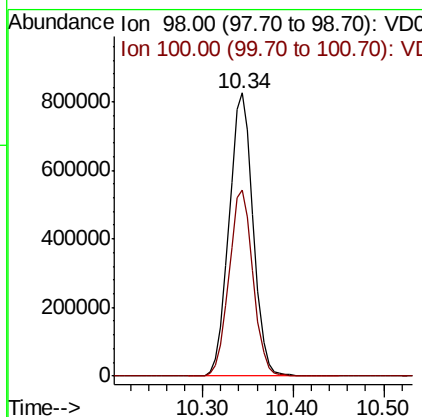
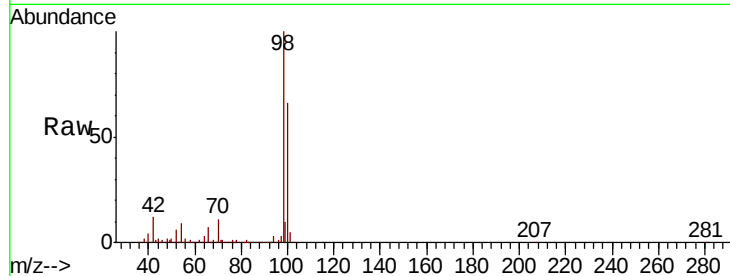




#50
Toluene-d8
Concen: 53.468 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD064330.D
Acq: 21 Nov 2019 17:54

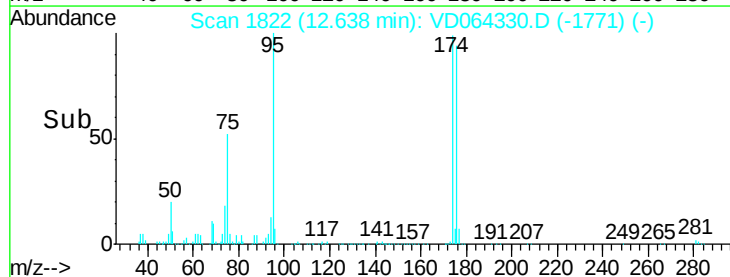
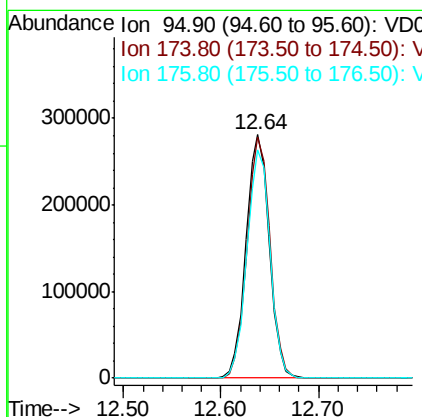
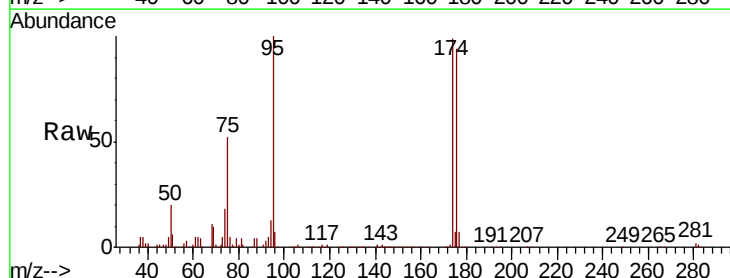
Instrument :
MSVOA_D
ClientSampleId :
DUCT-BANK-2

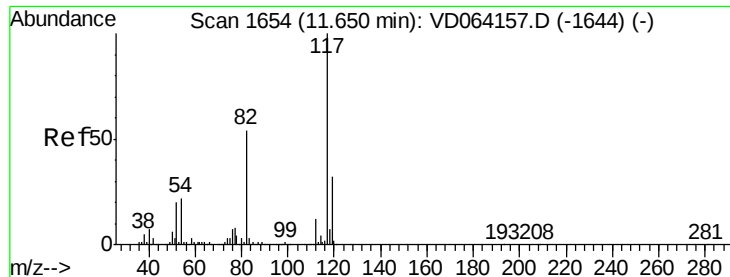
Tot Ion: 98 Resp: 1524142
Ion Ratio Lower Upper
98 100
100 65.5 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 47.366 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064330.D
Acq: 21 Nov 2019 17:54

Tgt Ion: 95 Resp: 467582
Ion Ratio Lower Upper
95 100
174 98.1 0.0 183.6
176 93.9 0.0 180.2

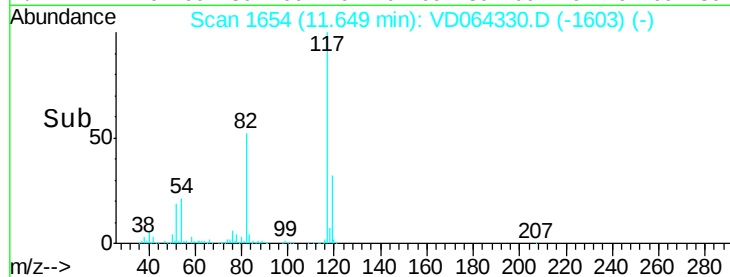
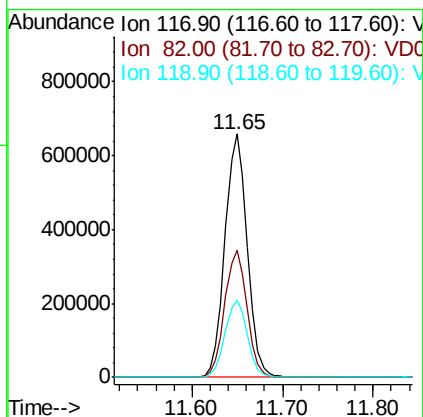
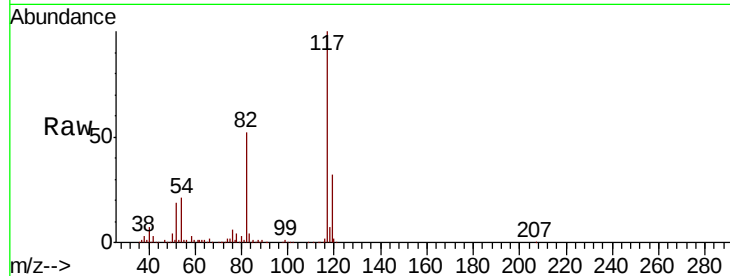




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064330.D
Acq: 21 Nov 2019 17:54

Instrument :
MSVOA_D
ClientSampleId :
DUCT-BANK-2

Tot Ion:117 Resp: 1120929
Ion Ratio Lower Upper
117 100
82 52.2 42.8 64.2
119 31.9 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD064330.D
Acq: 21 Nov 2019 17:54

Tgt Ion:152 Resp: 507731
Ion Ratio Lower Upper
152 100
115 53.9 27.4 82.2
150 155.4 0.0 351.6

