

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112119\
 Data File : VD064329.D
 Acq On : 21 Nov 2019 17:25
 Operator : VA/SY
 Sample : K5973-01
 Misc : 4.66G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DUCT-BANK-1

Quant Time: Nov 22 02:17:30 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

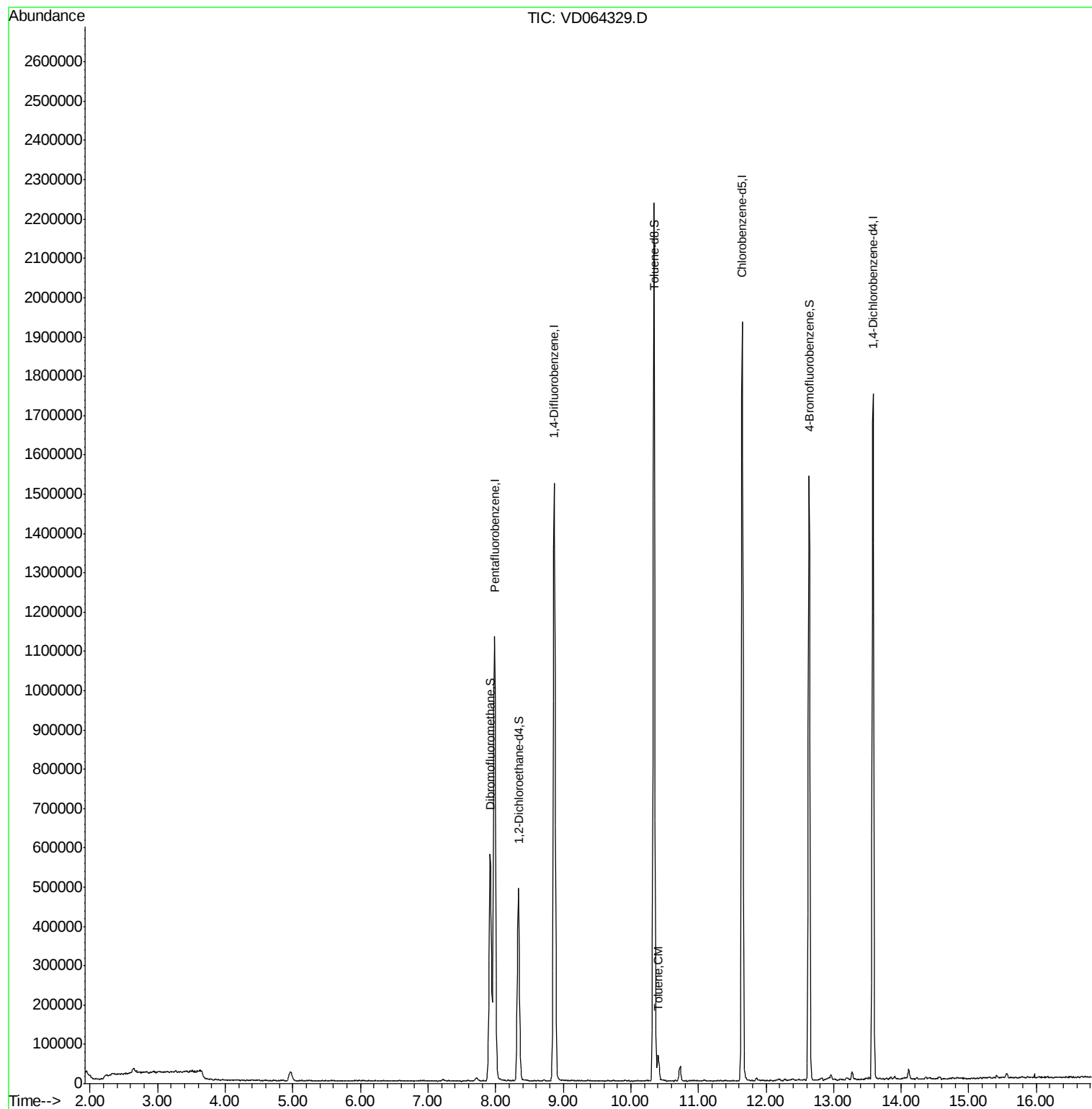
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	939973	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1332076	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1124388	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	493868	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	384365	49.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.44%	
35) Dibromofluoromethane	7.92	113	399089	52.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.38%	
50) Toluene-d8	10.34	98	1531044	53.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.16%	
62) 4-Bromofluorobenzene	12.64	95	471738	47.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.44%	
Target Compounds						
52) Toluene	10.41	92	25062	1.134	ug/l	Qvalue 99

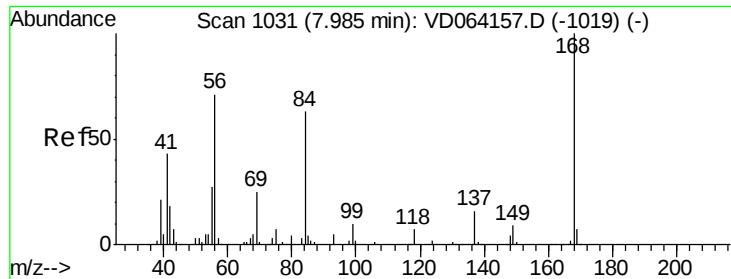
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Nov 12 02:43:24 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064329.D

Acq: 21 Nov 2019 17:25

Instrument :

MSVOA_D

ClientSampleId :

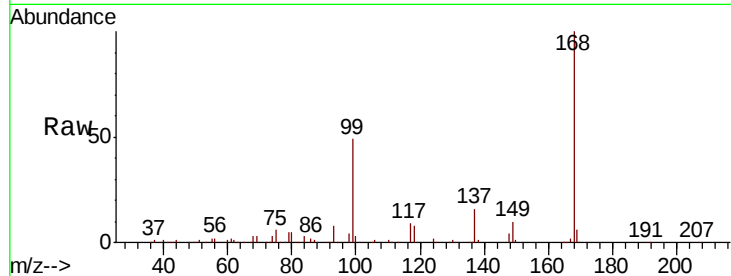
DUCT-BANK-1

Tot Ion:168 Resp: 939973

Ion Ratio Lower Upper

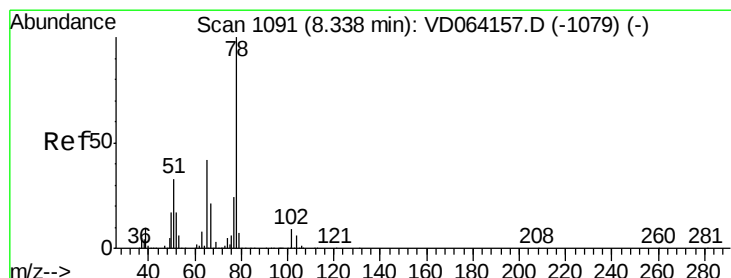
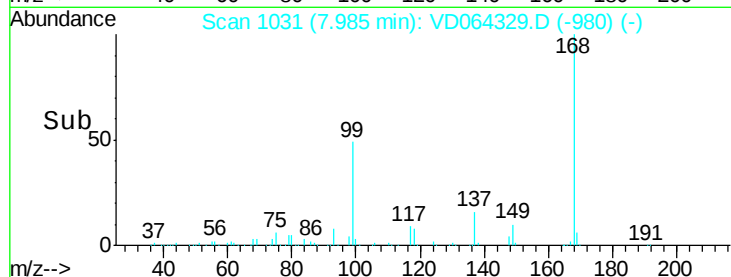
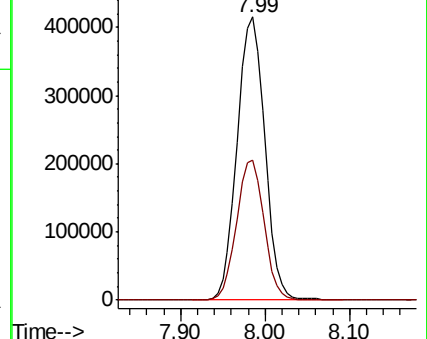
168 100

99 49.3 41.6 62.4



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: 49.719 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD064329.D

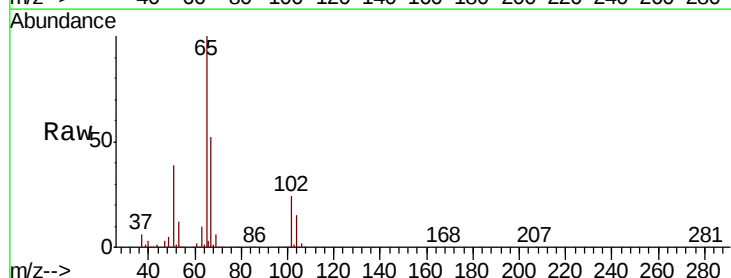
Acq: 21 Nov 2019 17:25

Tgt Ion: 65 Resp: 384365

Ion Ratio Lower Upper

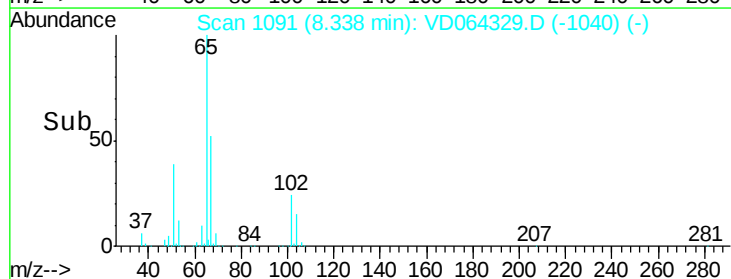
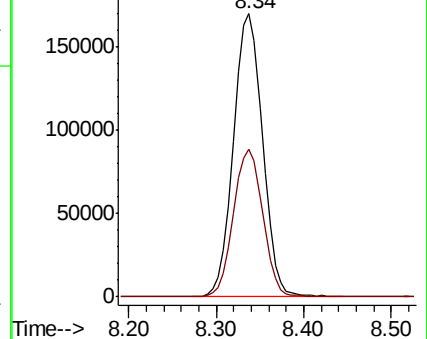
65 100

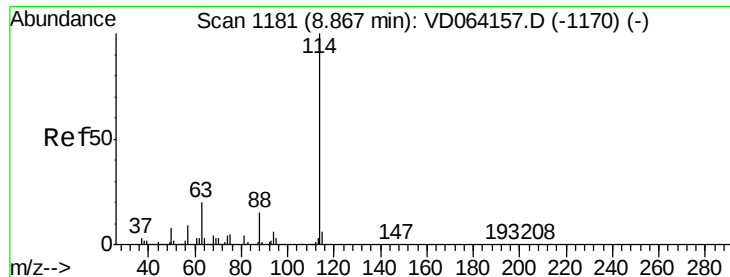
67 52.4 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

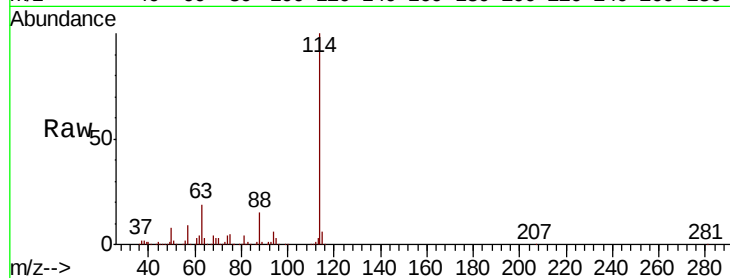




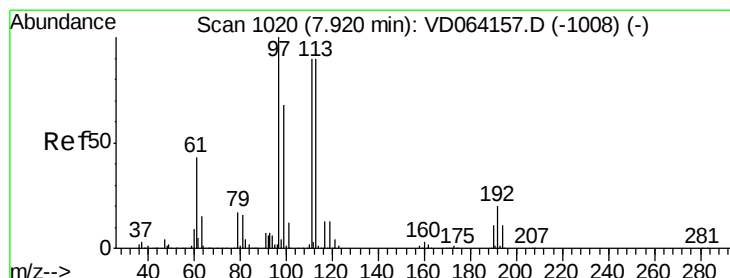
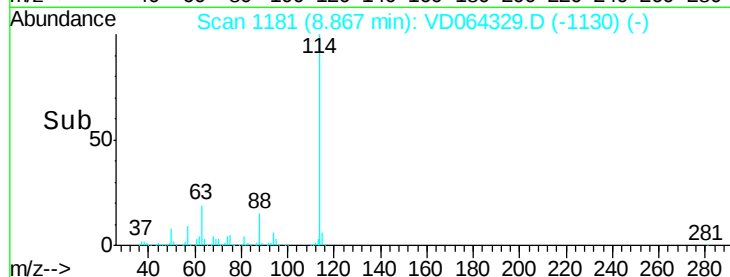
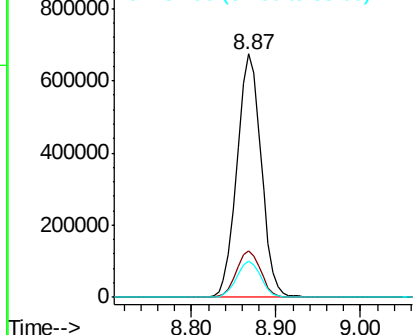
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064329.D
 Acq: 21 Nov 2019 17:25

Instrument :
 MSVOA_D
 ClientSampleId :
 DUCT-BANK-1

Tot Ion:114 Resp: 1332076
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 40.0
 88 14.7 0.0 30.2

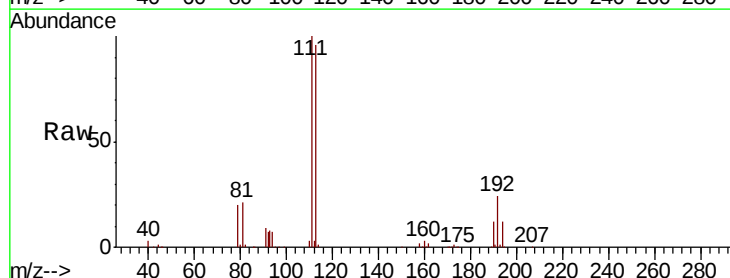


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

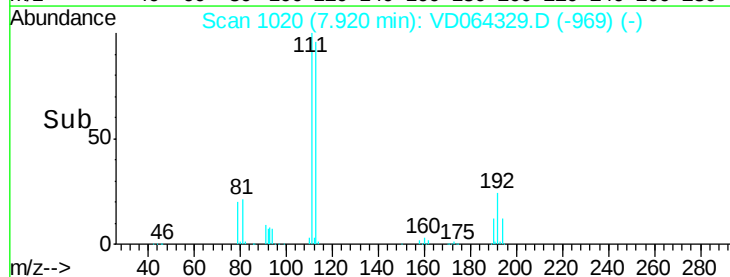
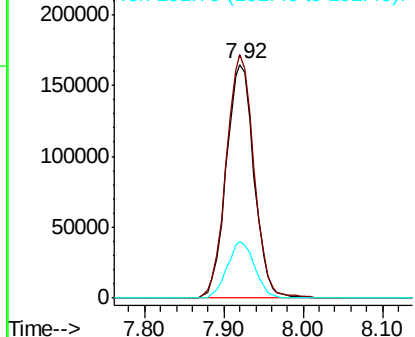


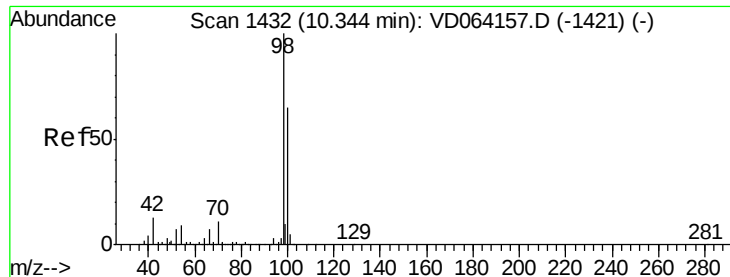
#35
 Dibromofluoromethane
 Concen: 52.194 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064329.D
 Acq: 21 Nov 2019 17:25

Tgt Ion:113 Resp: 399089
 Ion Ratio Lower Upper
 113 100
 111 103.9 81.5 122.3
 192 23.9 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

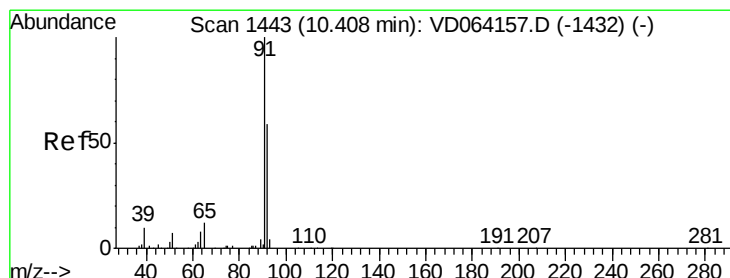
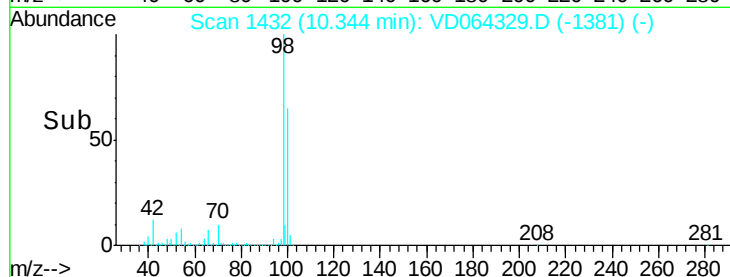
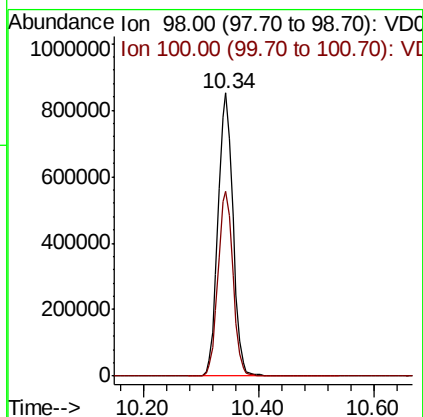
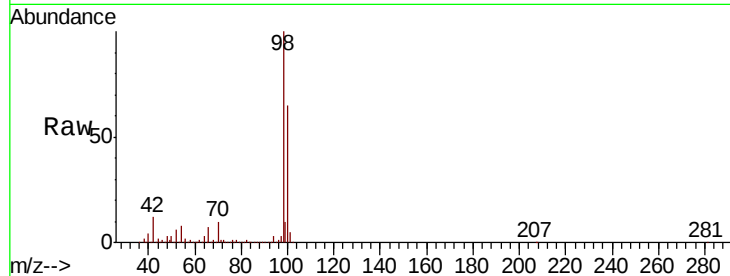




#50
Toluene-d8
Concen: 53.078 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD064329.D
Acq: 21 Nov 2019 17:25

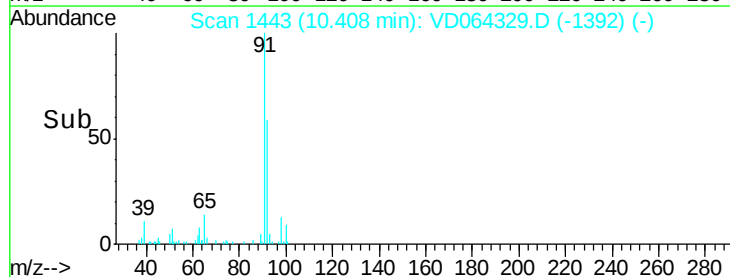
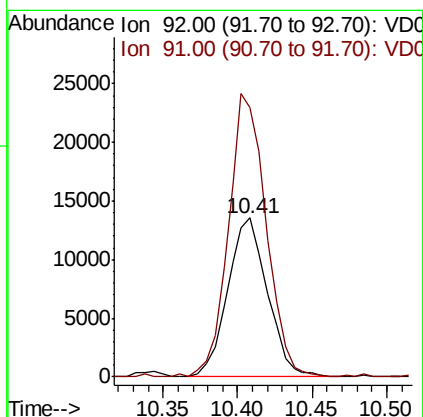
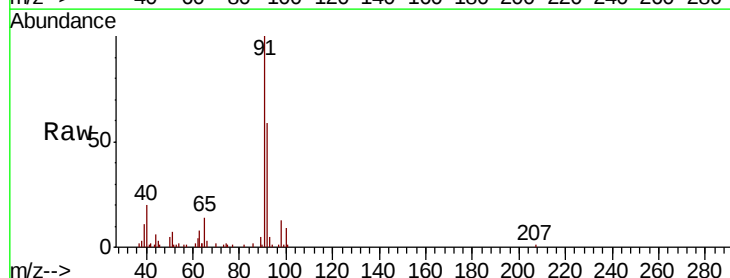
Instrument :
MSVOA_D
ClientSampleId :
DUCT-BANK-1

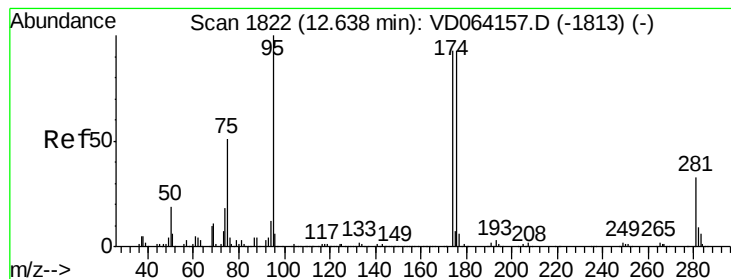
Tot Ion: 98 Resp: 1531044
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8



#52
Toluene
Concen: 1.134 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. 0.00 min
Lab File: VD064329.D
Acq: 21 Nov 2019 17:25

Tgt Ion: 92 Resp: 25062
Ion Ratio Lower Upper
92 100
91 169.3 136.4 204.6





#62

4-Bromofluorobenzene

Concen: 47.224 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064329.D

Acq: 21 Nov 2019 17:25

Instrument :

MSVOA_D

ClientSampleId :

DUCT-BANK-1

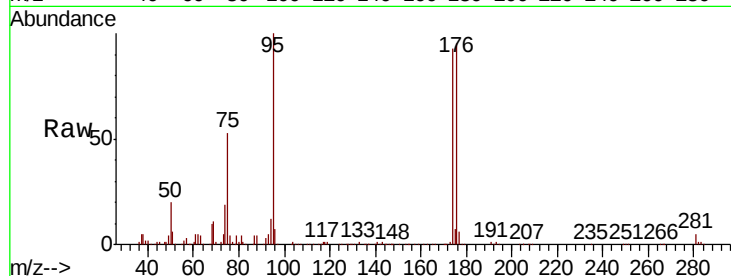
Tot Ion: 95 Resp: 471738

Ion Ratio Lower Upper

95 100

174 96.0 0.0 183.6

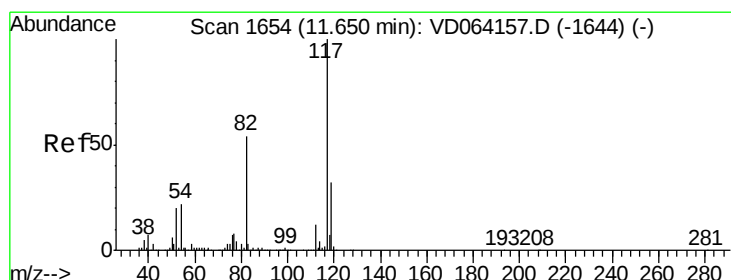
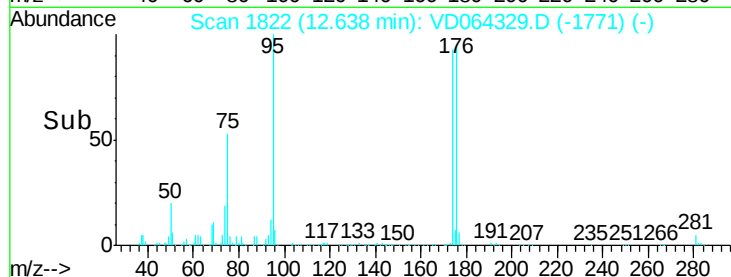
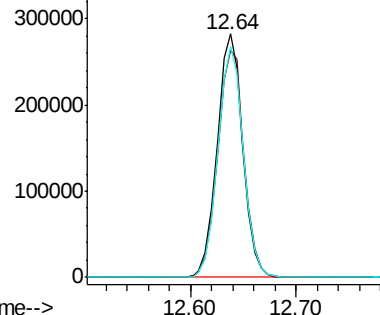
176 94.7 0.0 180.2



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VD064329.D

Acq: 21 Nov 2019 17:25

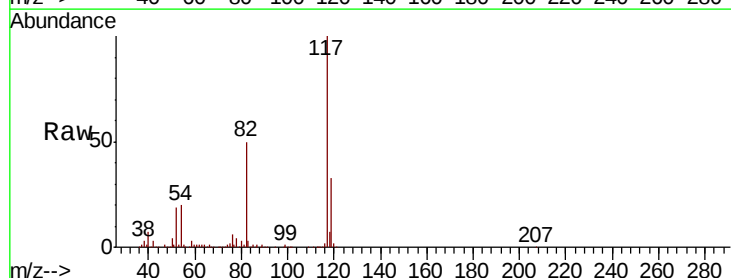
Tgt Ion: 117 Resp: 1124388

Ion Ratio Lower Upper

117 100

82 49.8 42.8 64.2

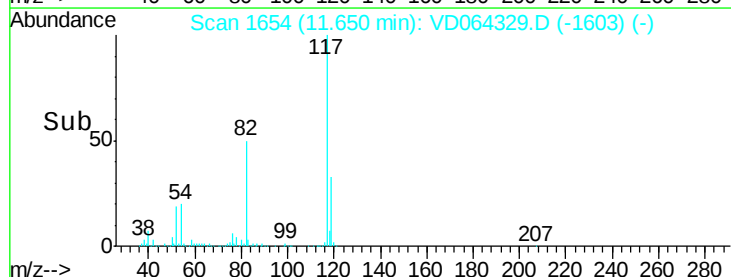
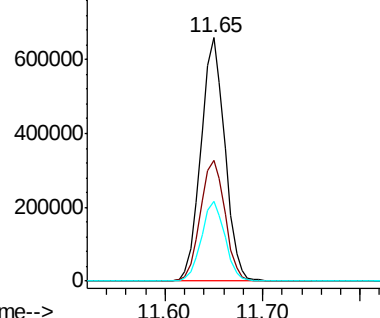
119 32.6 25.6 38.4

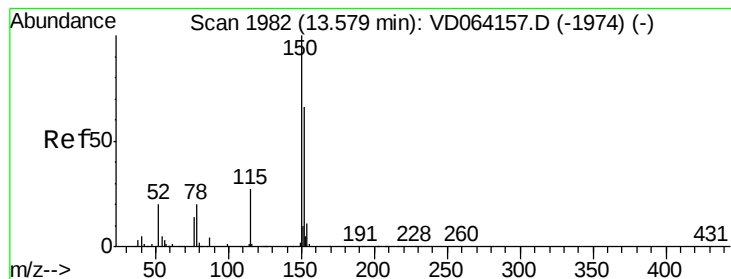


Abundance Ion 116.90 (116.60 to 117.60): V

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# 1983

Delta R.T. 0.01 min

Lab File: VD064329.D

Acq: 21 Nov 2019 17:25

Instrument :

MSVOA_D

ClientSampleId :

DUCT-BANK-1

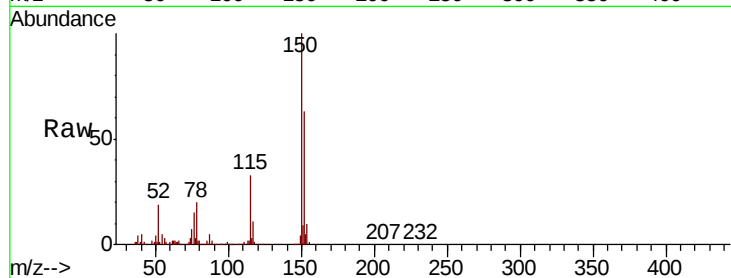
Tot Ion:152 Resp: 493868

Ion Ratio Lower Upper

152 100

115 53.3 27.4 82.2

150 156.7 0.0 351.6



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

600000

500000

400000

300000

200000

100000

0

13.50

13.60

Time-->

