

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122719\
 Data File : VD064663.D
 Acq On : 28 Dec 2019 01:48
 Operator : VA/SY
 Sample : K6441-04
 Misc : 7.23G/5.00ml/MSVOA D/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 K321-SB-04

Quant Time: Dec 30 04:20:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

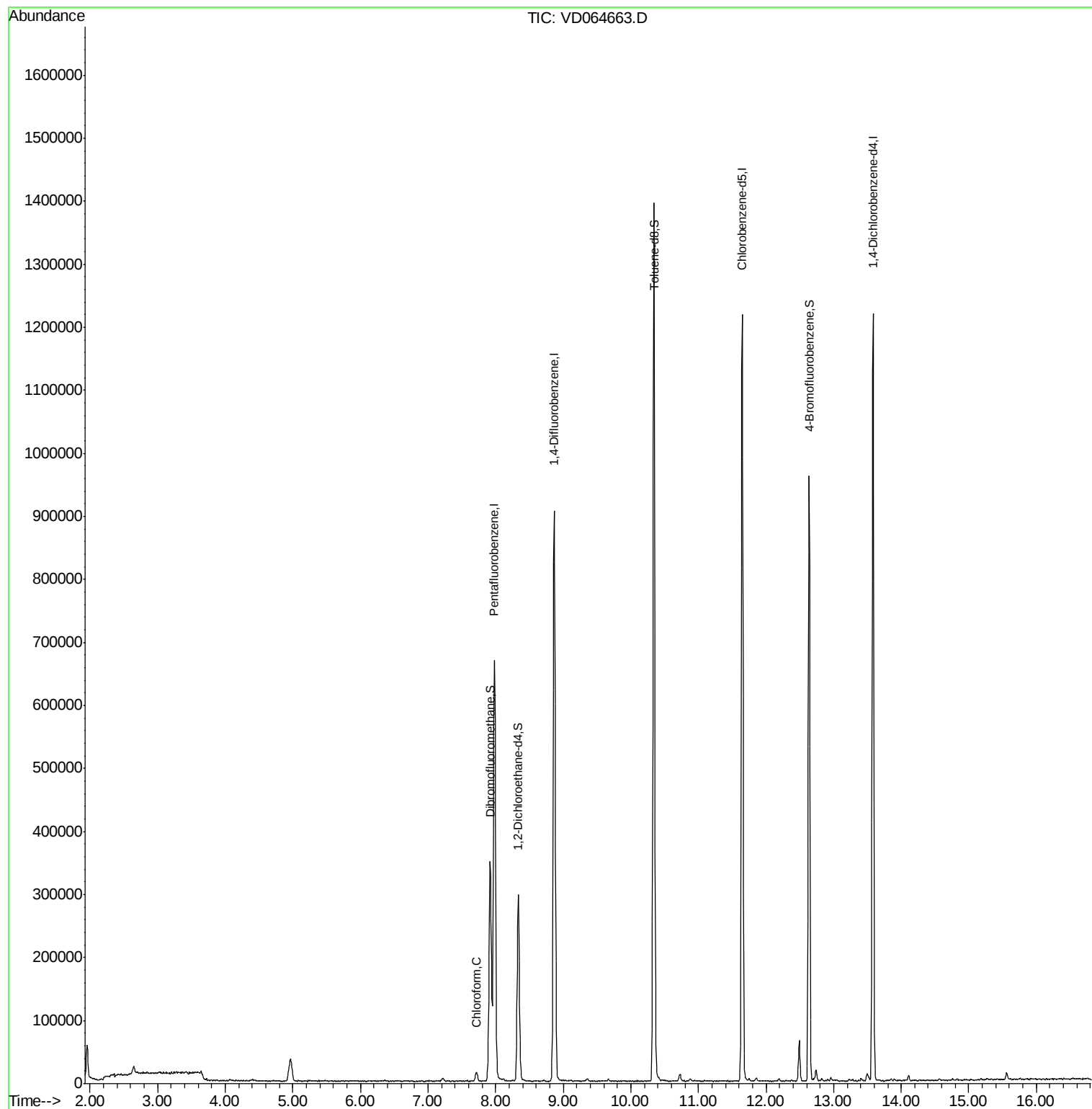
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	523386	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	788993	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	687335	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	318815	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	238467	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	
35) Dibromofluoromethane	7.92	113	244149	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	
50) Toluene-d8	10.34	98	934839	50.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.86%	
62) 4-Bromofluorobenzene	12.64	95	281495	48.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.04%	
Target Compounds						
30) Chloroform	7.71	83	12168	1.349	ug/l	Qvalue 87

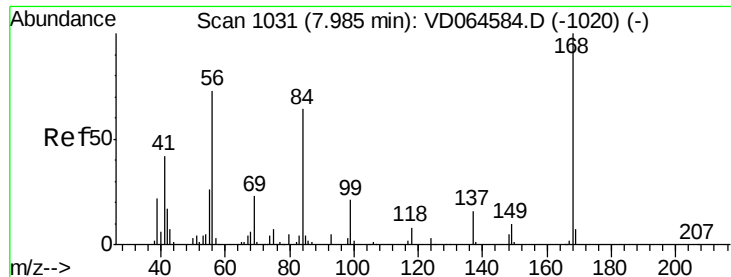
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD122719\
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Quant Title : SW846 8260
QLast Update : Tue Dec 24 13:19:06 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064663.D

Acq: 28 Dec 2019 01:48

Instrument :

MSVOA_D

ClientSampleId :

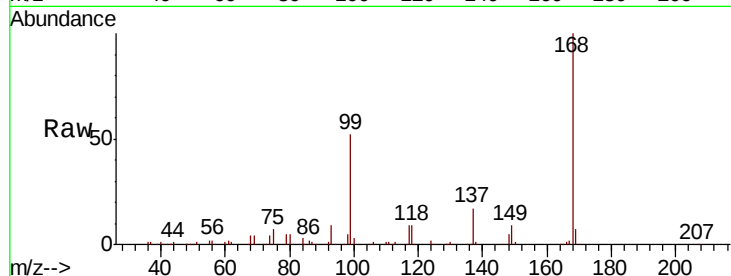
K321-SB-04

Tot Ion:168 Resp: 523386

Ion Ratio Lower Upper

168 100

99 51.7 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

250000

200000

150000

100000

50000

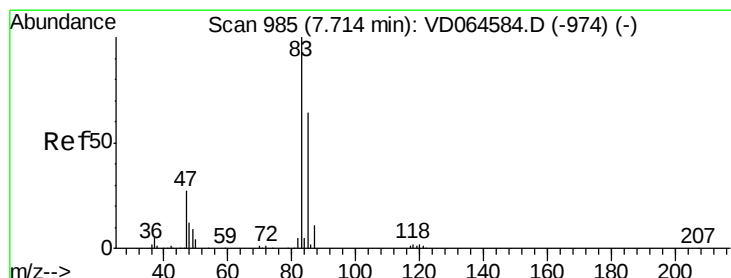
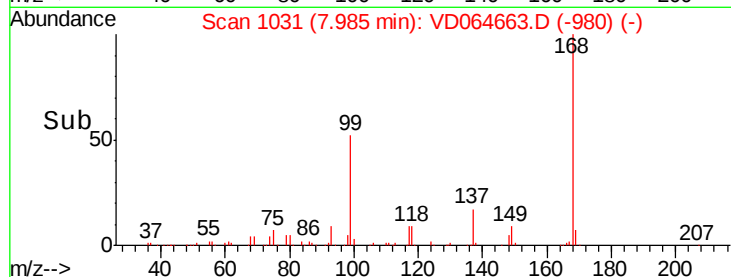
0

Time-->

7.90

8.00

8.10



#30

Chloroform

Concen: 1.349 ug/l

RT: 7.71 min Scan# 985

Delta R.T. 0.00 min

Lab File: VD064663.D

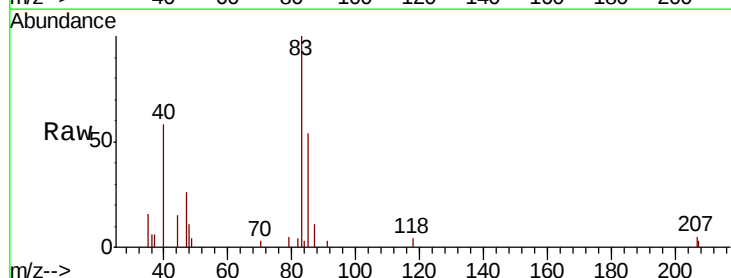
Acq: 28 Dec 2019 01:48

Tgt Ion: 83 Resp: 12168

Ion Ratio Lower Upper

83 100

85 53.9 51.1 76.7



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

7.71

6000

5000

4000

3000

2000

1000

0

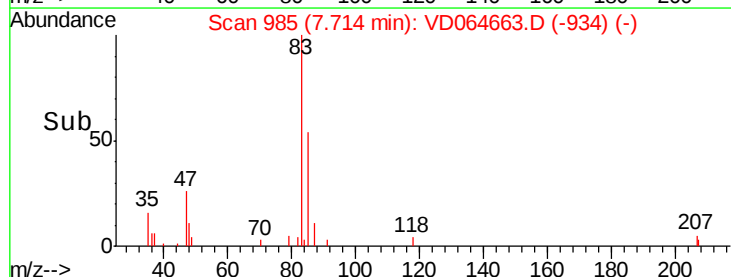
Time-->

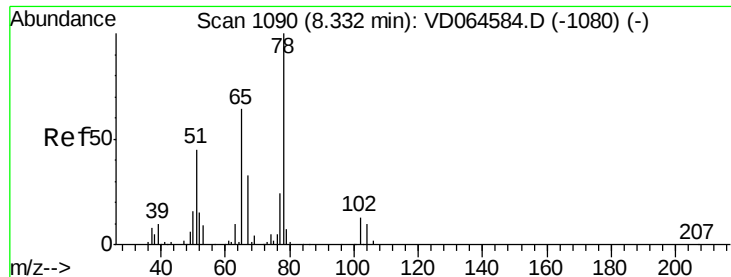
7.65

7.70

7.75

7.80

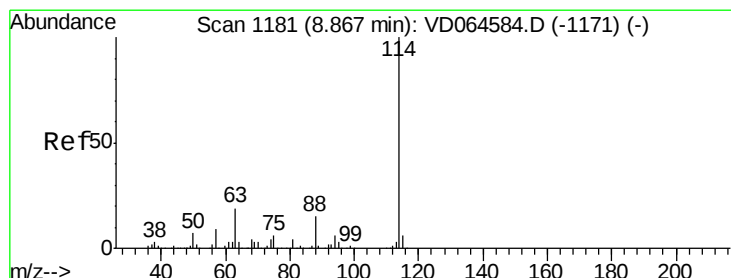
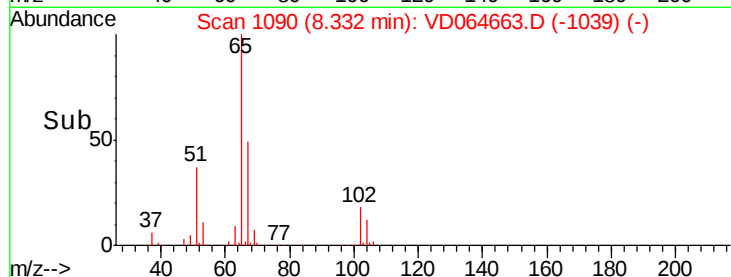
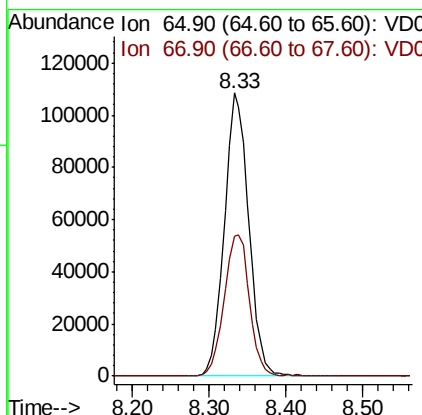
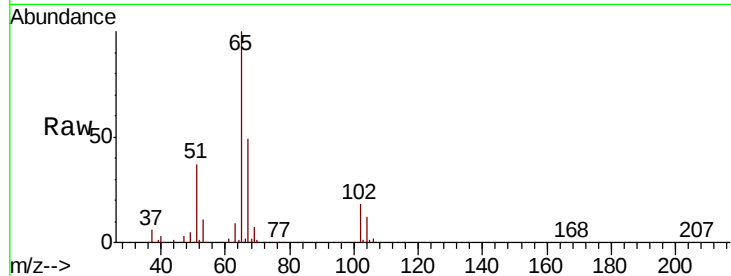




#33
 1,2-Dichloroethane-d4
 Concen: 51.670 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD064663.D
 Acq: 28 Dec 2019 01:48

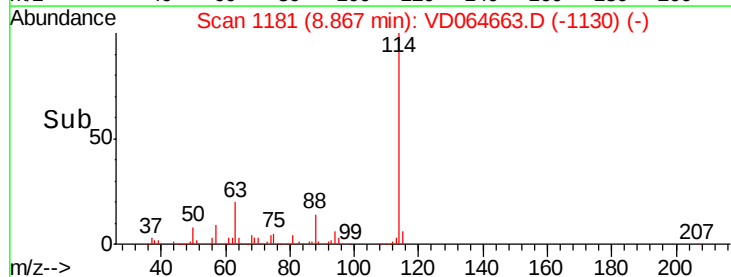
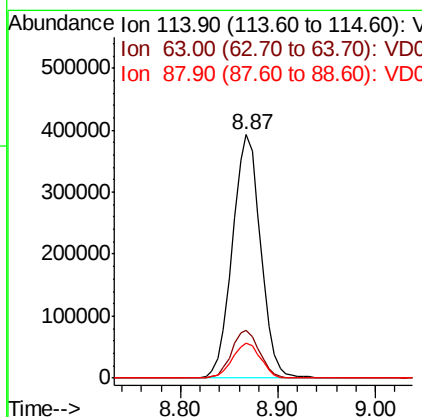
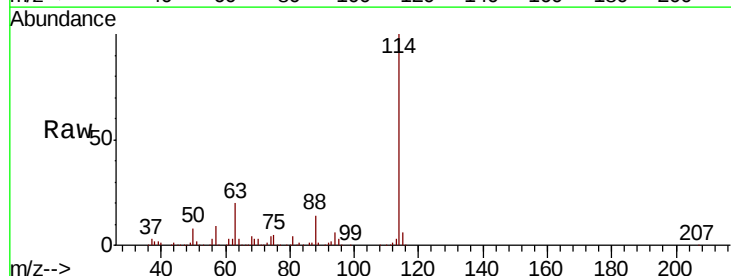
Instrument :
 MSVOA_D
 ClientSampleId :
 K321-SB-04

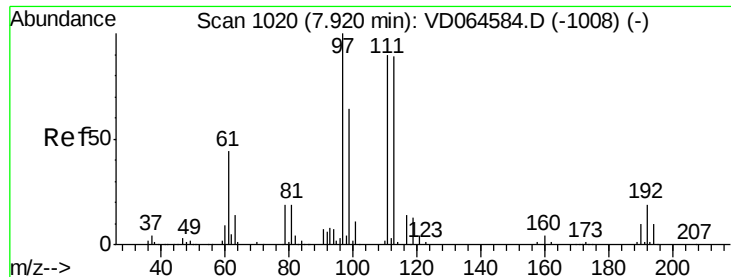
Tot Ion: 65 Resp: 238467
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064663.D
 Acq: 28 Dec 2019 01:48

Tgt Ion: 114 Resp: 788993
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 38.0
 88 14.4 0.0 29.2

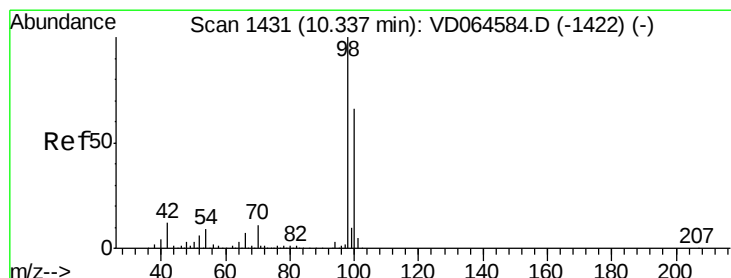
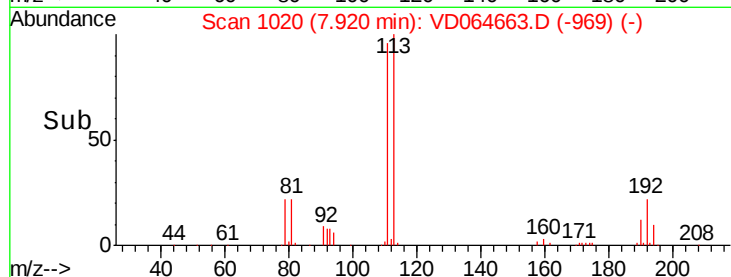
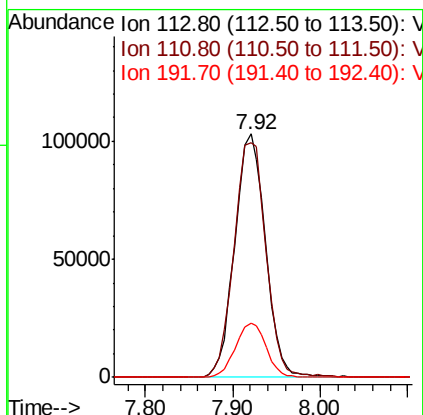
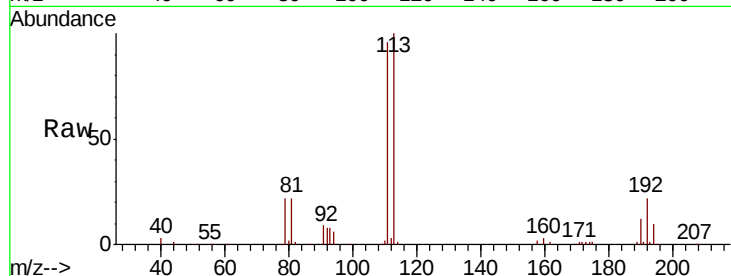




#35
 Dibromofluoromethane
 Concen: 50.438 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064663.D
 Acq: 28 Dec 2019 01:48

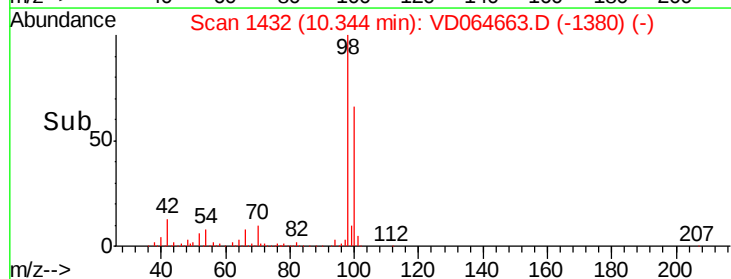
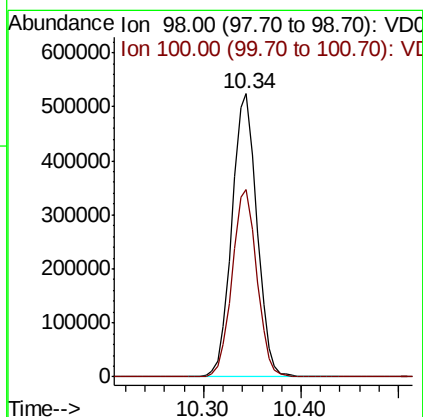
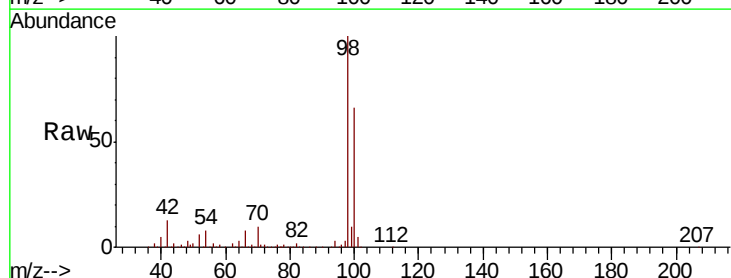
Instrument :
 MSVOA_D
 ClientSampleId :
 K321-SB-04

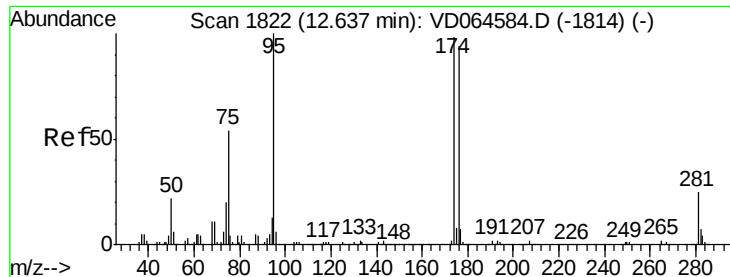
Tot Ion:113 Resp: 244149
 Ion Ratio Lower Upper
 113 100
 111 101.0 80.6 121.0
 192 22.2 17.9 26.9



#50
 Toluene-d8
 Concen: 50.426 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: VD064663.D
 Acq: 28 Dec 2019 01:48

Tgt Ion: 98 Resp: 934839
 Ion Ratio Lower Upper
 98 100
 100 65.4 51.7 77.5

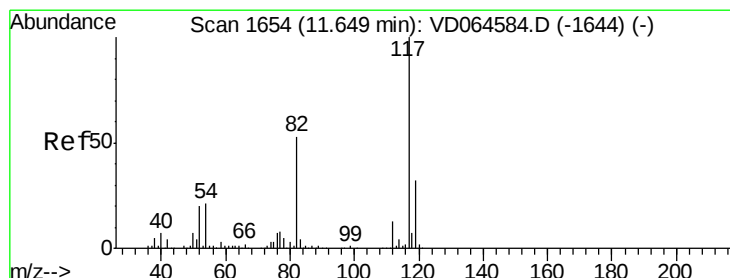
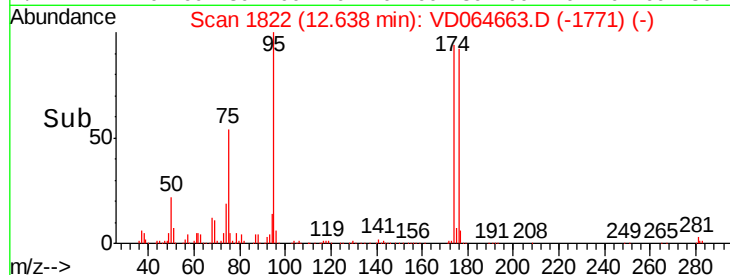
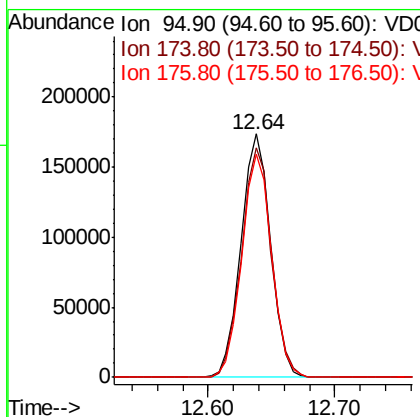
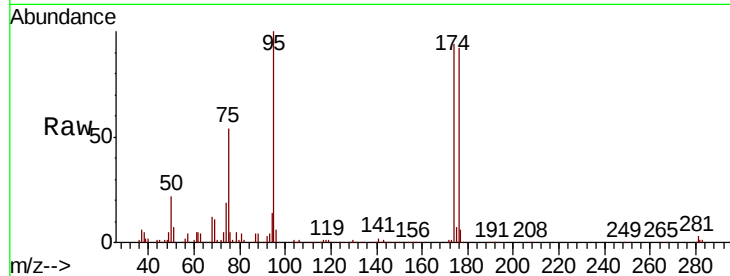




#62
4-Bromofluorobenzene
Concen: 48.018 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064663.D
Acq: 28 Dec 2019 01:48

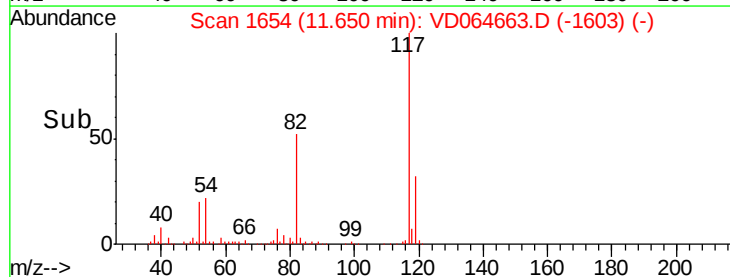
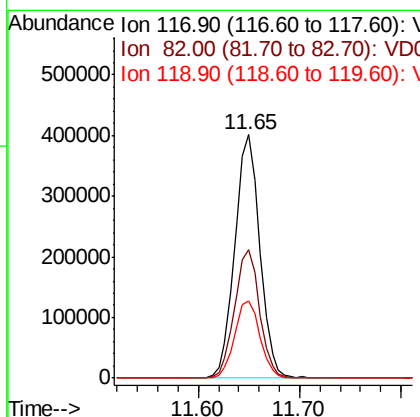
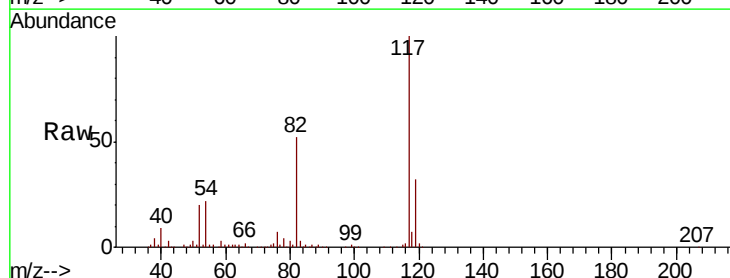
Instrument :
MSVOA_D
ClientSampleId :
K321-SB-04

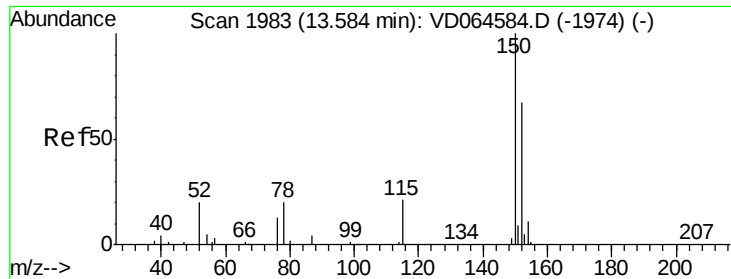
Tot Ion: 95 Resp: 281495
Ion Ratio Lower Upper
95 100
174 95.0 0.0 193.2
176 92.5 0.0 184.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064663.D
Acq: 28 Dec 2019 01:48

Tgt Ion: 117 Resp: 687335
Ion Ratio Lower Upper
117 100
82 52.5 42.2 63.4
119 31.9 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD064663.D

Acq: 28 Dec 2019 01:48

Instrument :

MSVOA_D

ClientSampleId :

K321-SB-04

Tot Ion:152 Resp: 318815

Ion Ratio Lower Upper

152 100

115 54.9 27.8 83.4

150 158.1 0.0 351.4

