

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122619\
 Data File : VD064610.D
 Acq On : 26 Dec 2019 20:25
 Operator : VA/SY
 Sample : K6438-04
 Misc : 5.01G/5.00ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DUNR-BF001-02

Quant Time: Dec 27 04:49:31 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

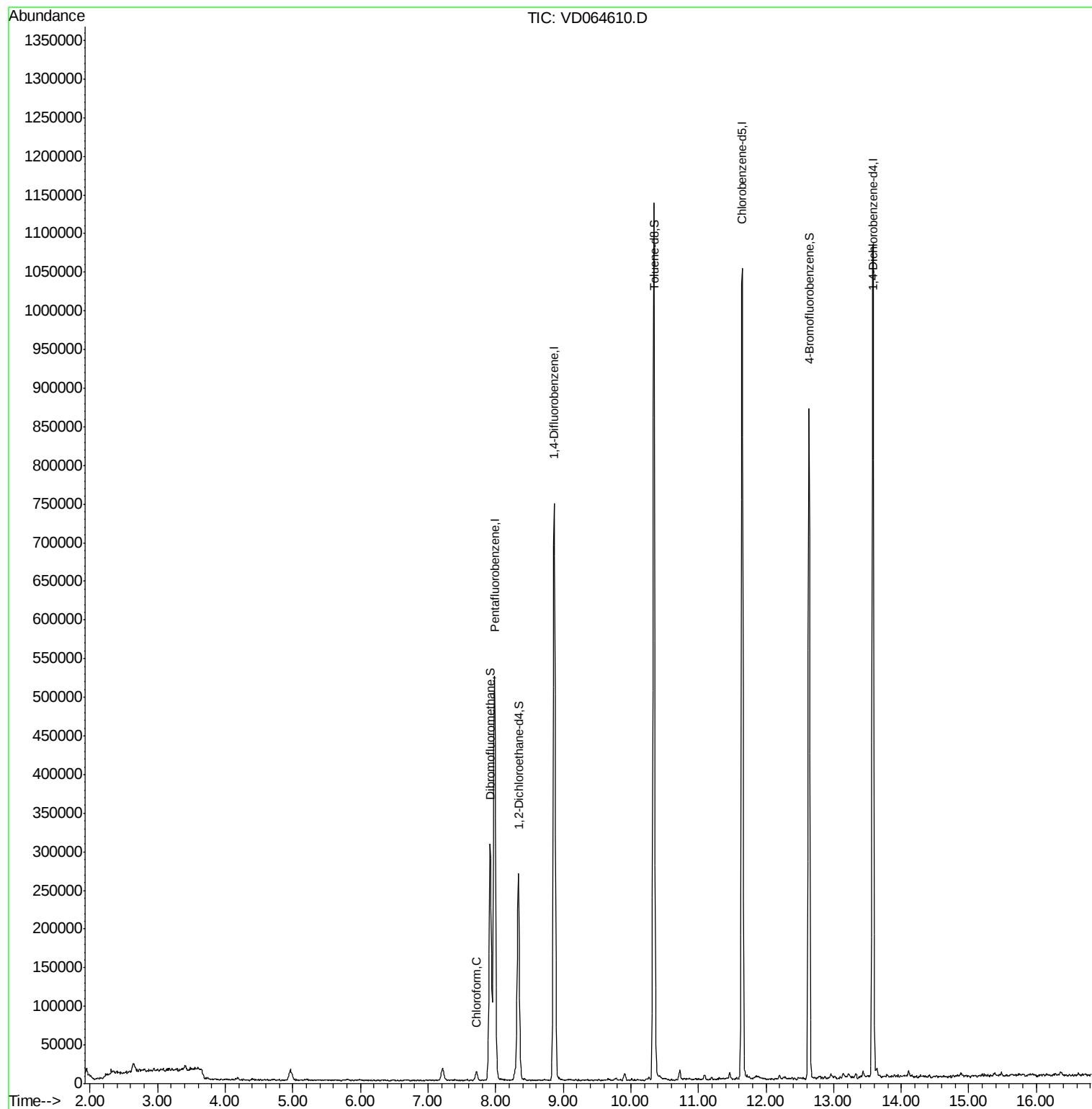
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	415929	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	662591	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	610465	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	298488	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	212250	57.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.74%	
35) Dibromofluoromethane	7.92	113	213776	52.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.18%	
50) Toluene-d8	10.34	98	784206	50.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.74%	
62) 4-Bromofluorobenzene	12.64	95	258609	52.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.06%	
Target Compounds						
30) Chloroform	7.71	83	10713	1.495	ug/l	Qvalue 89

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD122619\
Data File : VD064610.D
Acq On : 26 Dec 2019 20:25
Operator : VA/SY
Sample : K6438-04
Misc : 5.01G/5.00ml/MSVOA D/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
DUNR-BF001-02

Quant Time: Dec 27 04:49:31 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
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: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064610.D

Acq: 26 Dec 2019 20:25

Instrument :

MSVOA_D

ClientSampleId :

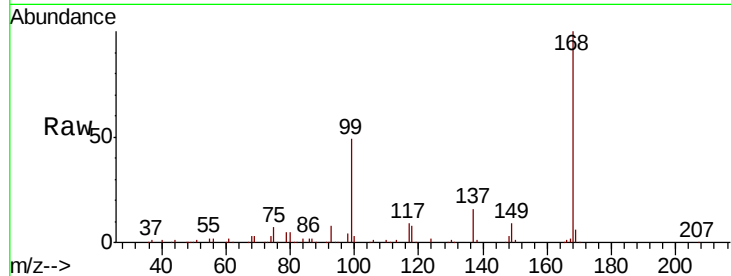
DUNR-BF001-02

Tot Ion:168 Resp: 415929

Ion Ratio Lower Upper

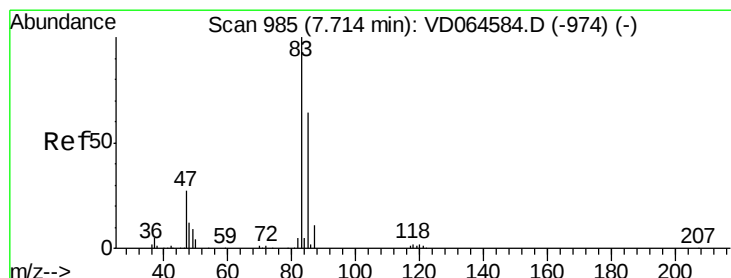
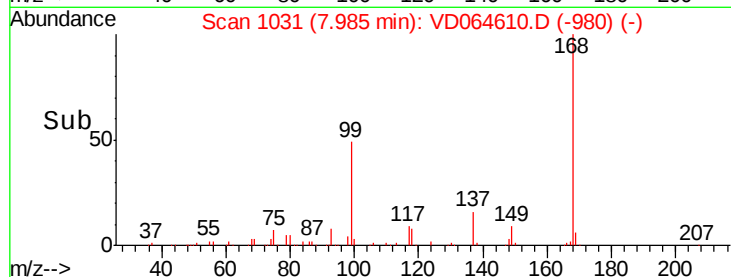
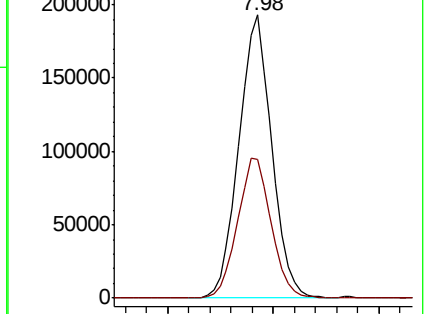
168 100

99 49.1 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#30

Chloroform

Concen: 1.495 ug/l

RT: 7.71 min Scan# 985

Delta R.T. 0.00 min

Lab File: VD064610.D

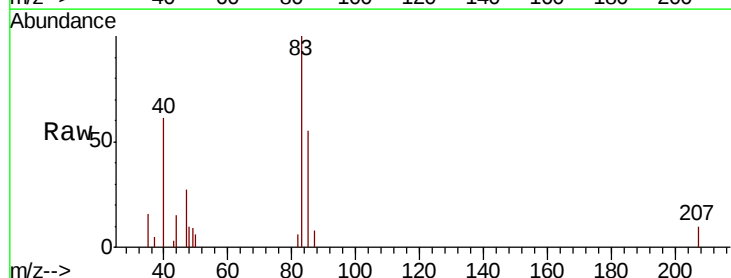
Acq: 26 Dec 2019 20:25

Tgt Ion: 83 Resp: 10713

Ion Ratio Lower Upper

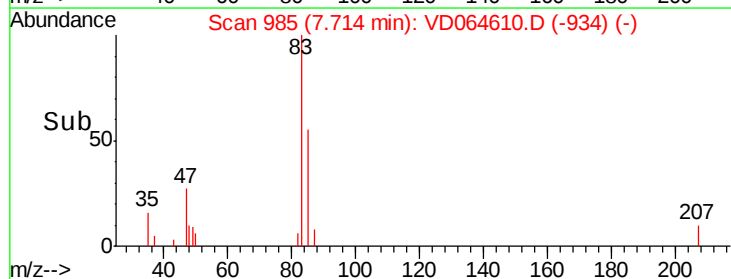
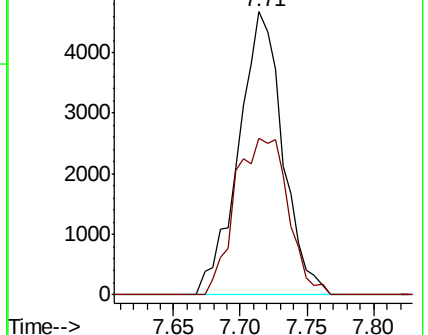
83 100

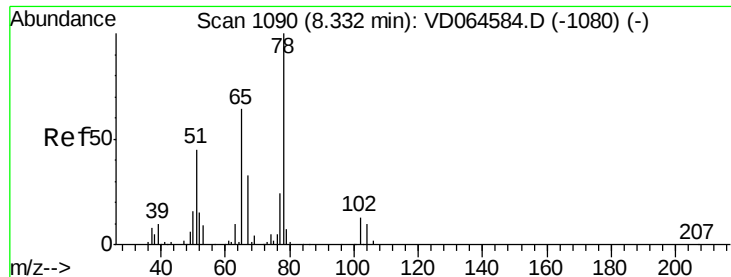
85 55.2 51.1 76.7



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC





#33

1,2-Dichloroethane-d4

Concen: 57.871 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064610.D

Acq: 26 Dec 2019 20:25

Instrument :

MSVOA_D

ClientSampleId :

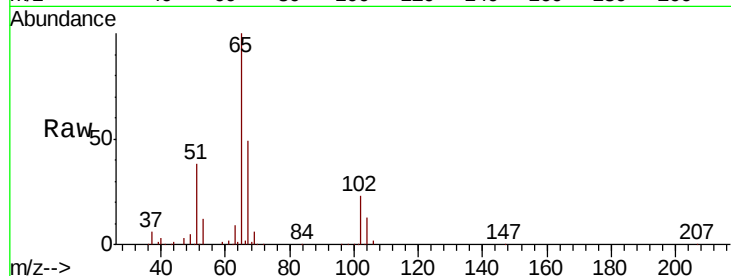
DUNR-BF001-02

Tot Ion: 65 Resp: 212250

Ion Ratio Lower Upper

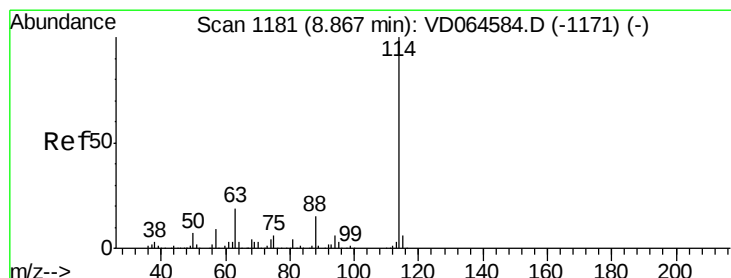
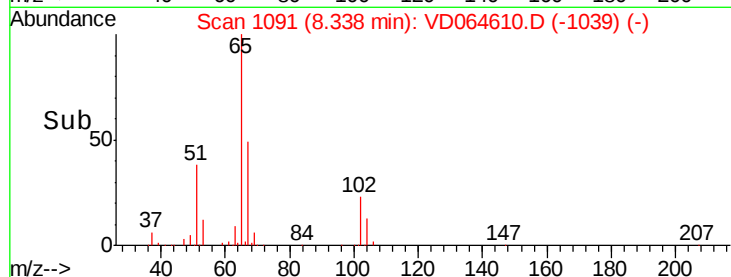
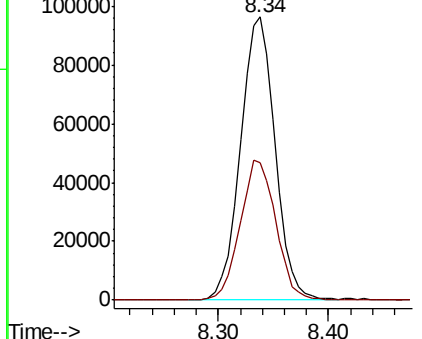
65 100

67 51.1 0.0 106.2



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. 0.00 min

Lab File: VD064610.D

Acq: 26 Dec 2019 20:25

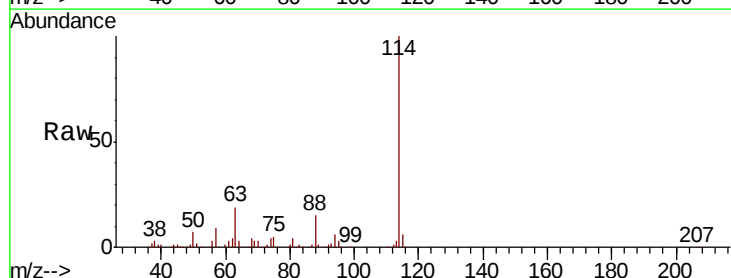
Tgt Ion: 114 Resp: 662591

Ion Ratio Lower Upper

114 100

63 19.1 0.0 38.0

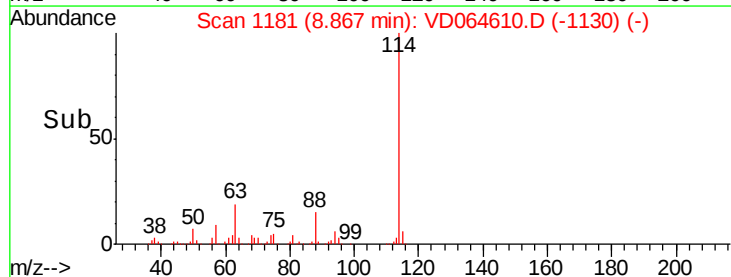
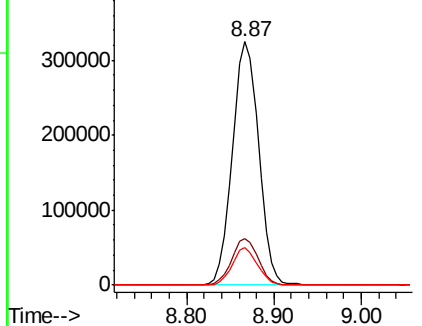
88 15.3 0.0 29.2



Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

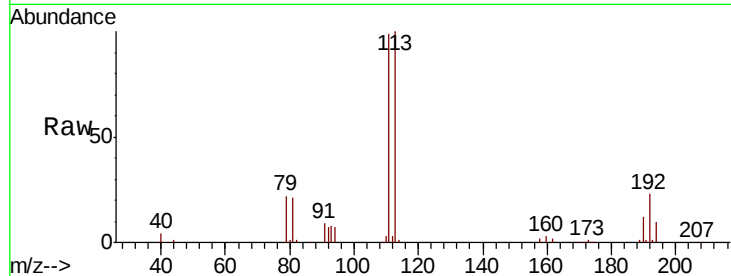




#35
 Dibromofluoromethane
 Concen: 52.588 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064610.D
 Acq: 26 Dec 2019 20:25

Instrument :
 MSVOA_D
 ClientSampleId :
 DUNR-BF001-02

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	80.6	121.0
192	22.3	17.9	26.9

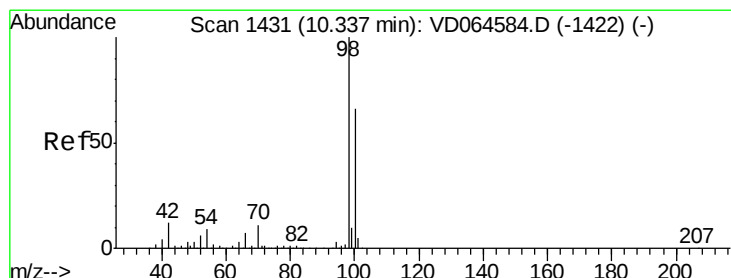
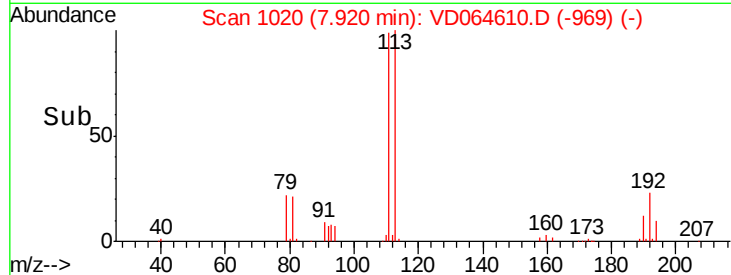
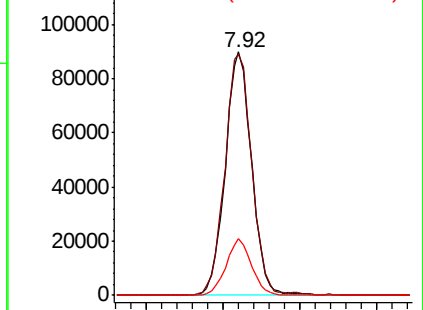


Abundance

Ion 112.80 (112.50 to 113.50): V

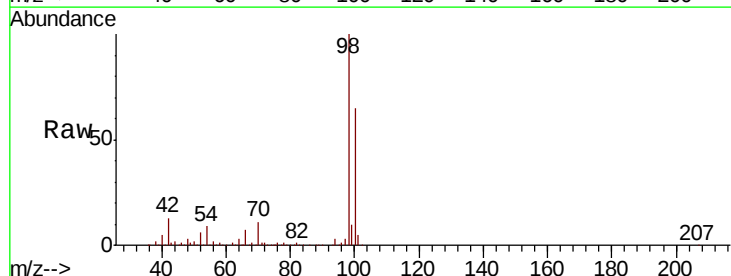
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#50
 Toluene-d8
 Concen: 50.370 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: VD064610.D
 Acq: 26 Dec 2019 20:25

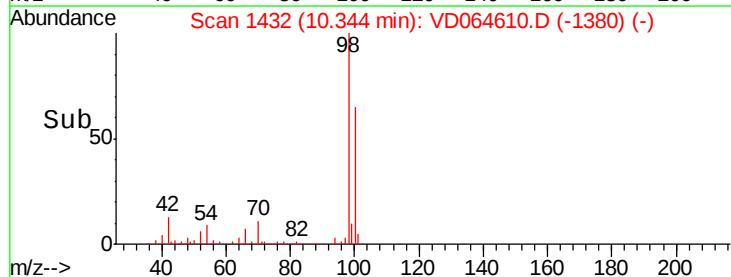
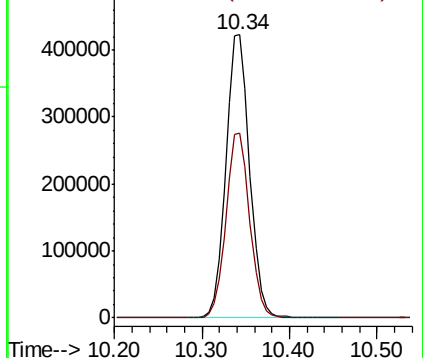
Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.3	51.7	77.5

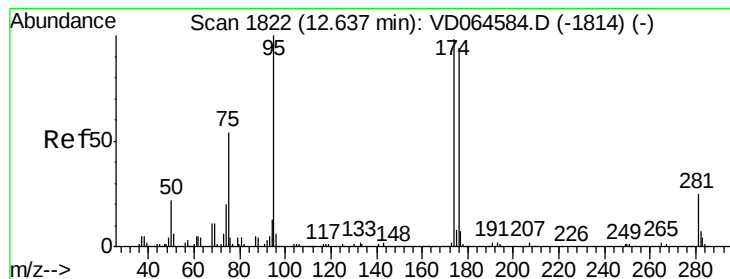


Abundance

Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 52.530 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064610.D

Acq: 26 Dec 2019 20:25

Instrument :

MSVOA_D

ClientSampleId :

DUNR-BF001-02

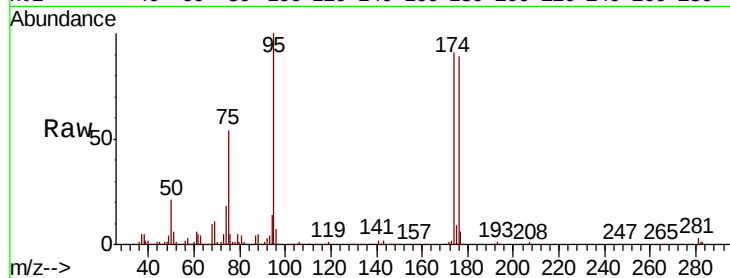
Tot Ion: 95 Resp: 258609

Ion Ratio Lower Upper

95 100

174 95.3 0.0 193.2

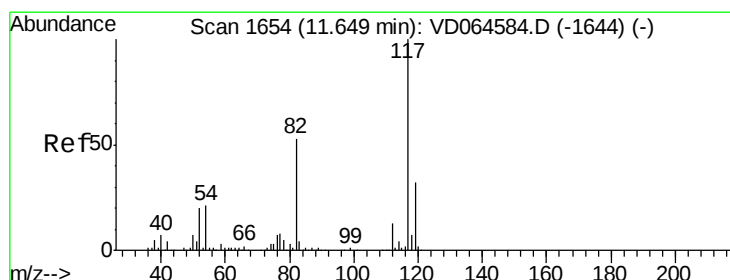
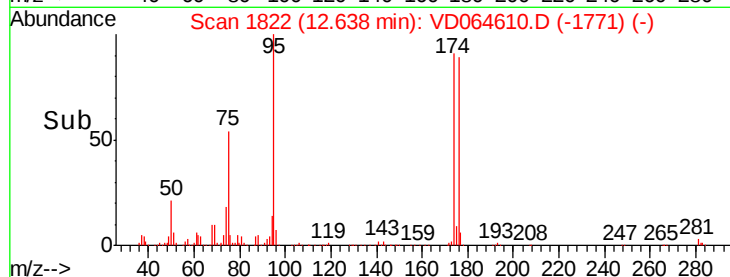
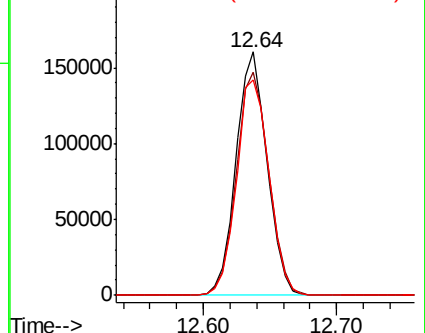
176 93.0 0.0 184.2



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: VD064610.D

Acq: 26 Dec 2019 20:25

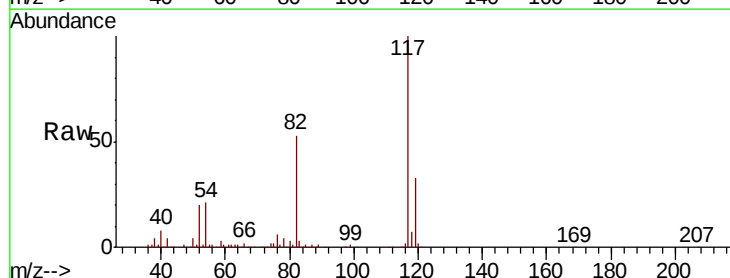
Tgt Ion: 117 Resp: 610465

Ion Ratio Lower Upper

117 100

82 52.9 42.2 63.4

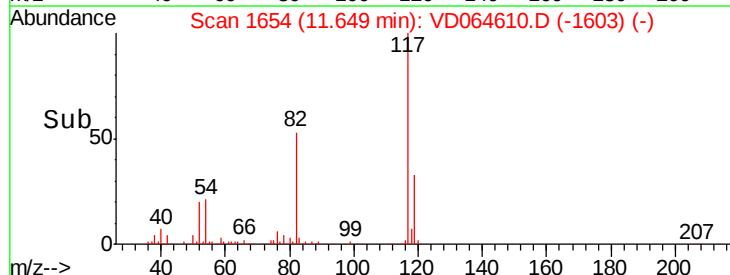
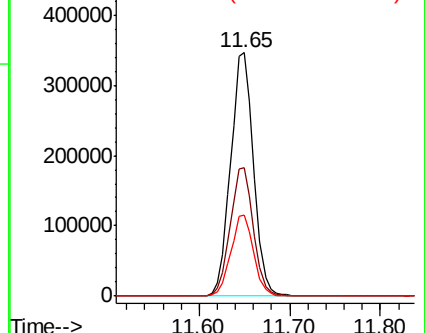
119 33.0 26.0 39.0

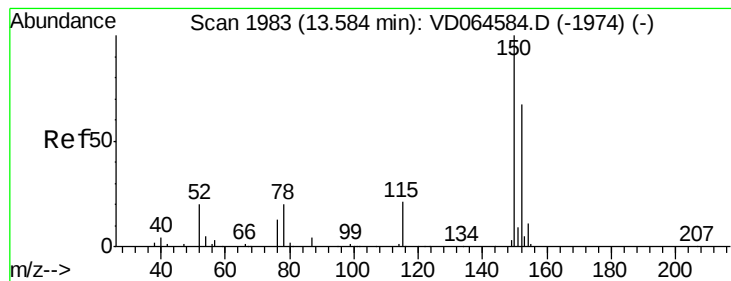


Abundance Ion 116.90 (116.60 to 117.60): V

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# 1983

Delta R.T. 0.00 min

Lab File: VD064610.D

Acq: 26 Dec 2019 20:25

Instrument :

MSVOA_D

ClientSampleId :

DUNR-BF001-02

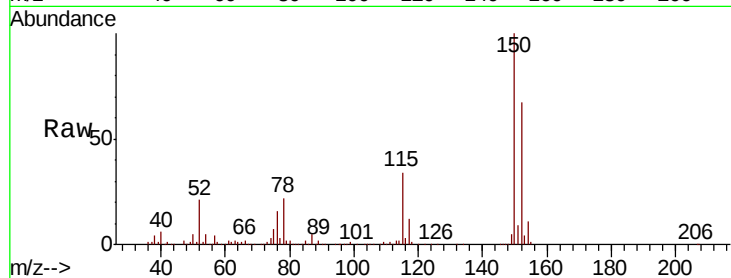
Tot Ion:152 Resp: 298488

Ion Ratio Lower Upper

152 100

115 54.9 27.8 83.4

150 157.1 0.0 351.4



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

