

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122719\
 Data File : VD064650.D
 Acq On : 27 Dec 2019 17:45
 Operator : VA/SY
 Sample : K6113-11
 Misc : 6.89G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-122619

Quant Time: Dec 30 03:38:08 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

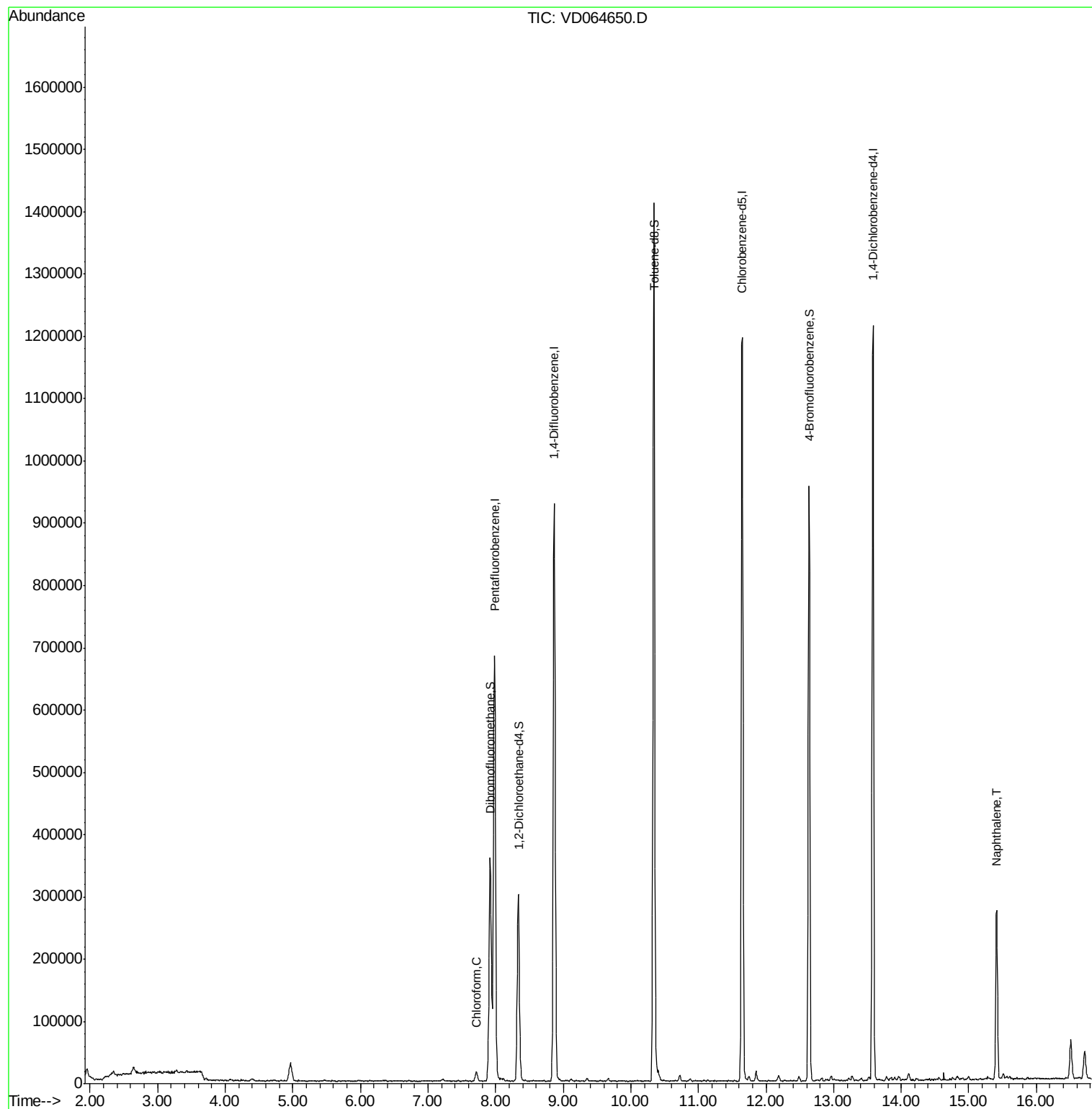
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	535168	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	799783	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	697333	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	321061	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	239038	50.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.30%	
35) Dibromofluoromethane	7.92	113	244454	49.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.64%	
50) Toluene-d8	10.34	98	943067	50.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.36%	
62) 4-Bromofluorobenzene	12.64	95	281956	47.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.90%	
Target Compounds						
30) Chloroform	7.72	83	13846	1.501	ug/l #	82
95) Naphthalene	15.41	128	236374	22.143	ug/l	99

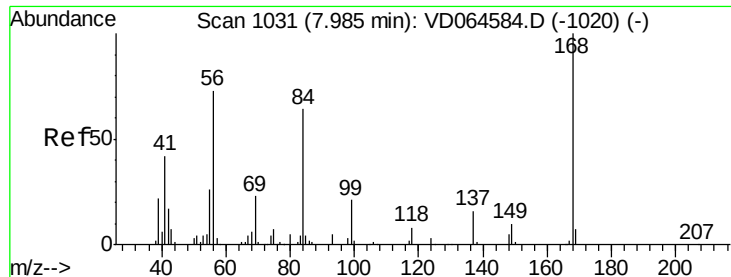
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064650.D

Acq: 27 Dec 2019 17:45

Instrument :

MSVOA_D

ClientSampleId :

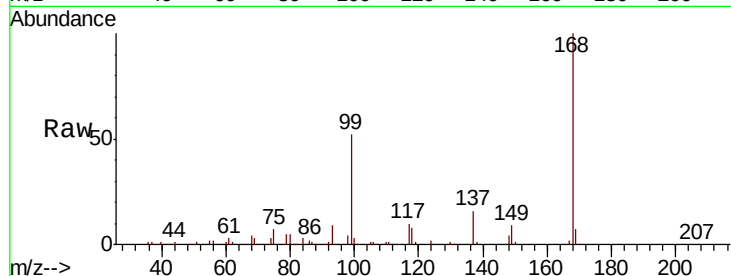
OR-03-122619

Tot Ion:168 Resp: 535168

Ion Ratio Lower Upper

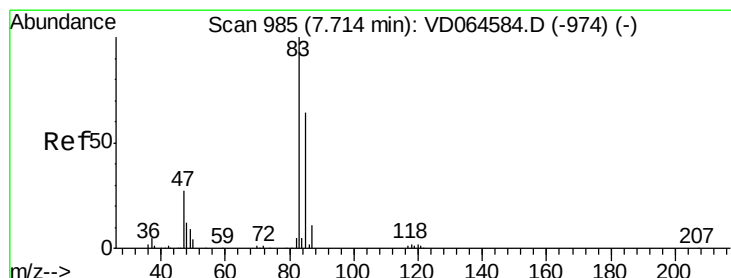
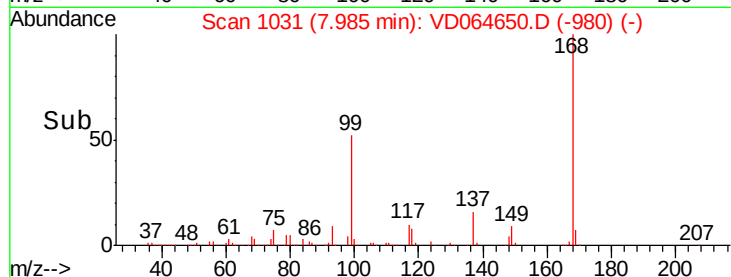
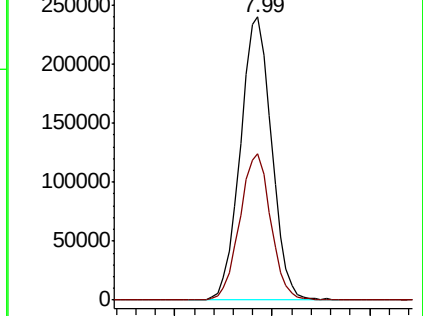
168 100

99 51.8 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: 1.501 ug/l

RT: 7.72 min Scan# 986

Delta R.T. 0.01 min

Lab File: VD064650.D

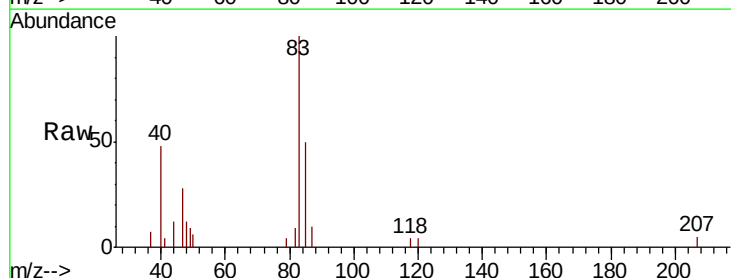
Acq: 27 Dec 2019 17:45

Tgt Ion: 83 Resp: 13846

Ion Ratio Lower Upper

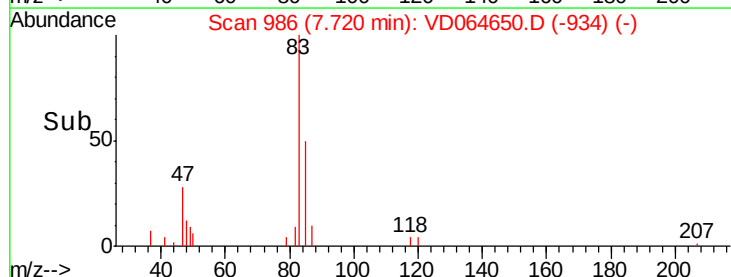
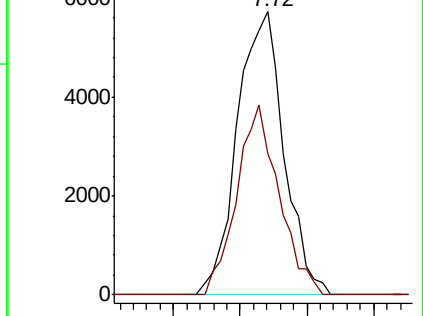
83 100

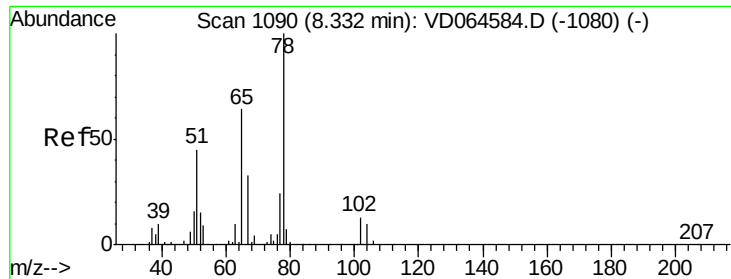
85 50.1 51.1 76.7#



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

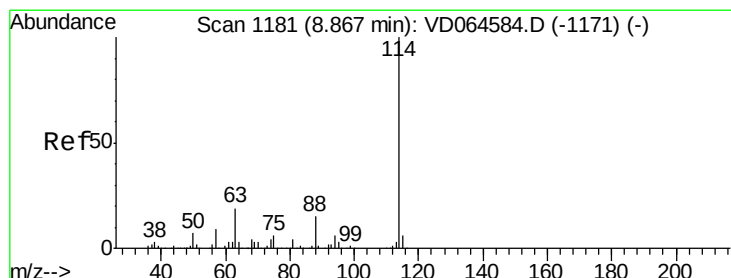
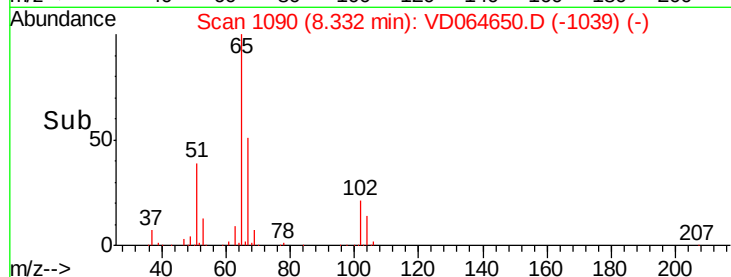
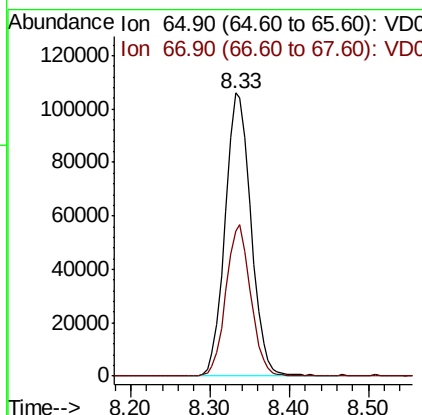
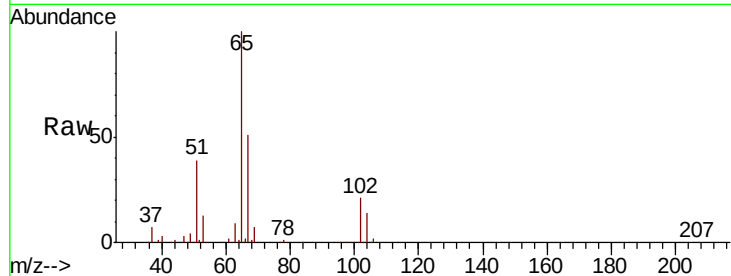




#33
 1,2-Dichloroethane-d4
 Concen: 50.654 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD064650.D
 Acq: 27 Dec 2019 17:45

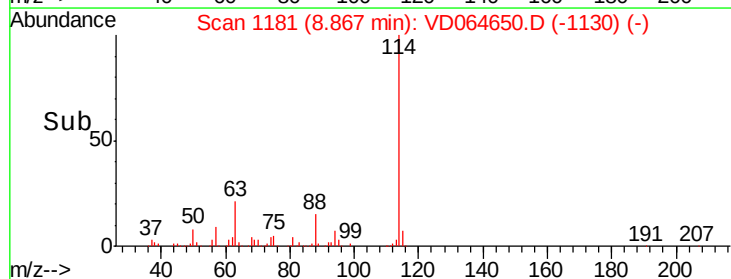
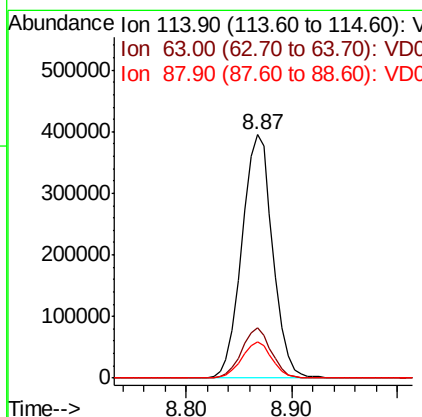
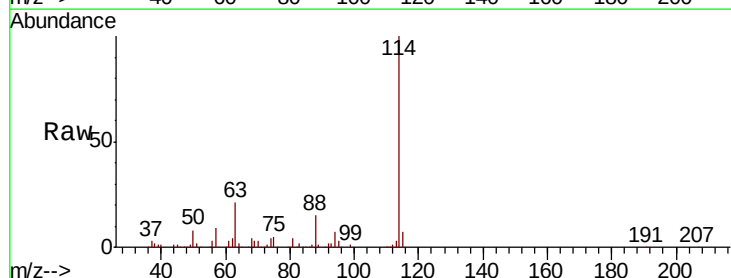
Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-122619

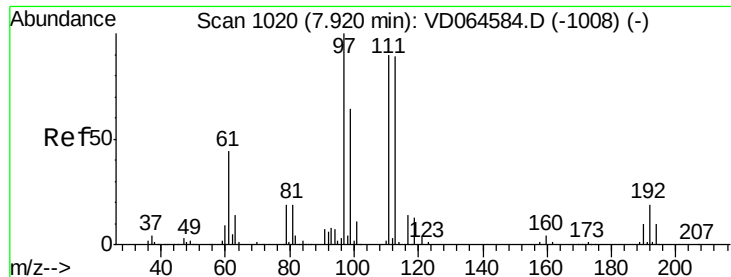
Tot Ion: 65 Resp: 239038
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064650.D
 Acq: 27 Dec 2019 17:45

Tgt Ion: 114 Resp: 799783
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 38.0
 88 14.9 0.0 29.2





#35

Dibromofluoromethane

Concen: 49.819 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064650.D

Acq: 27 Dec 2019 17:45

Instrument :

MSVOA_D

ClientSampleId :

OR-03-122619

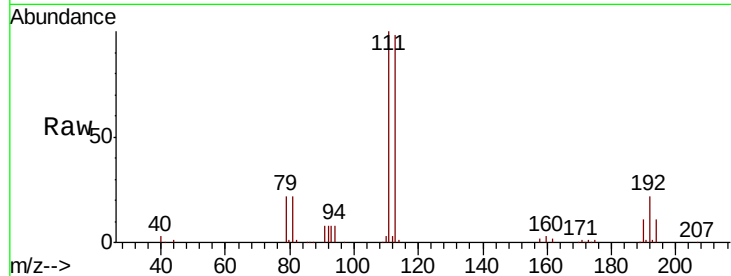
Tot Ion:113 Resp: 244454

Ion Ratio Lower Upper

113 100

111 103.7 80.6 121.0

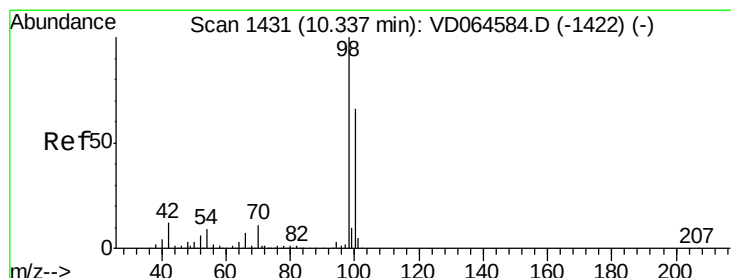
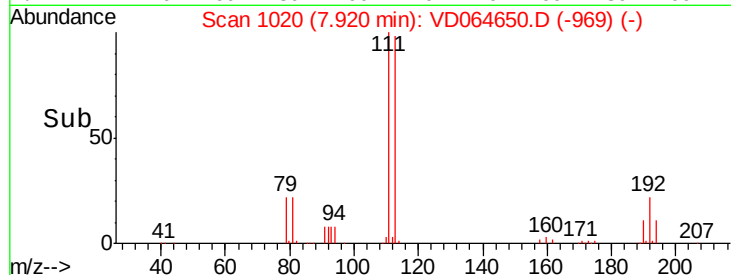
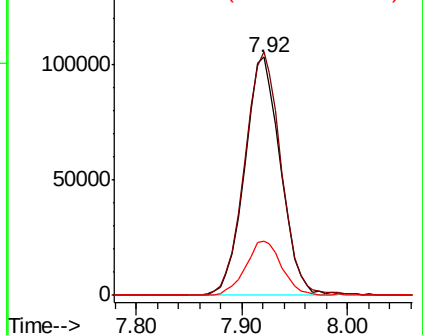
192 23.0 17.9 26.9



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: 50.183 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064650.D

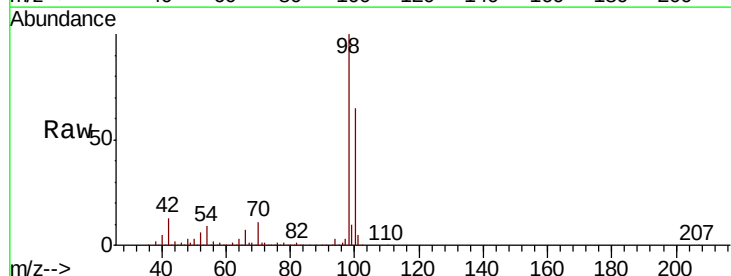
Acq: 27 Dec 2019 17:45

Tgt Ion: 98 Resp: 943067

Ion Ratio Lower Upper

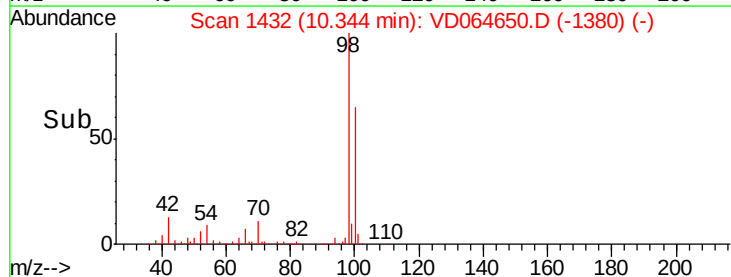
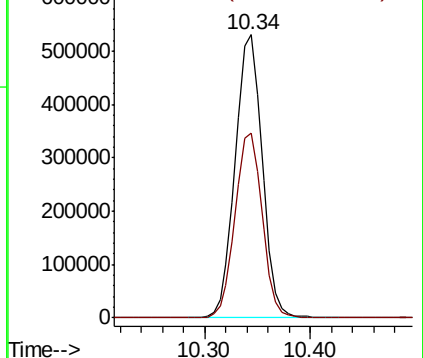
98 100

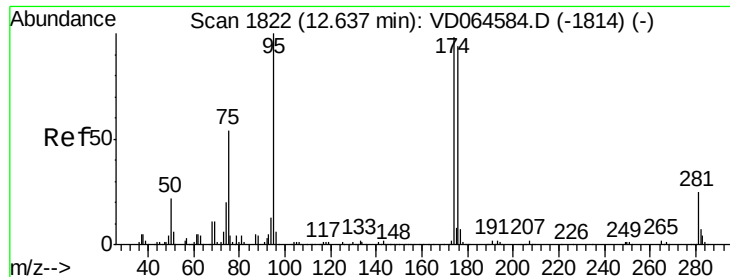
100 65.5 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

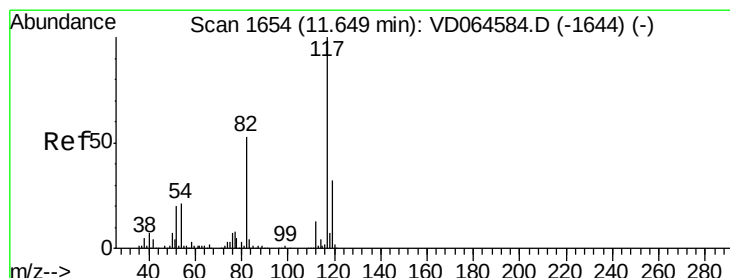
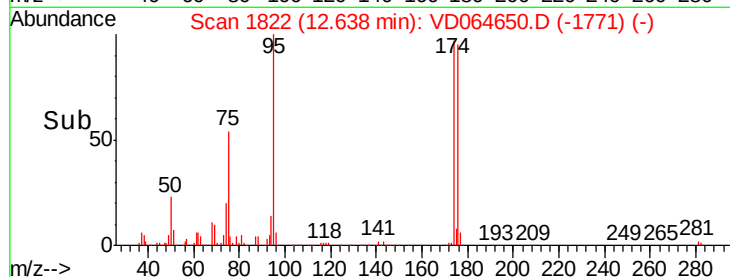
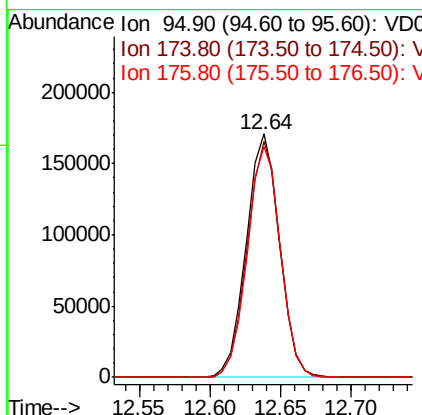
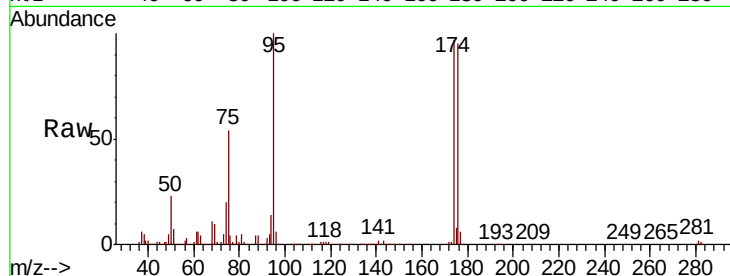




#62
4-Bromofluorobenzene
Concen: 47.448 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064650.D
Acq: 27 Dec 2019 17:45

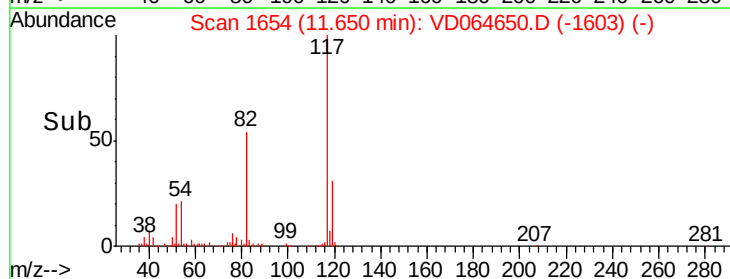
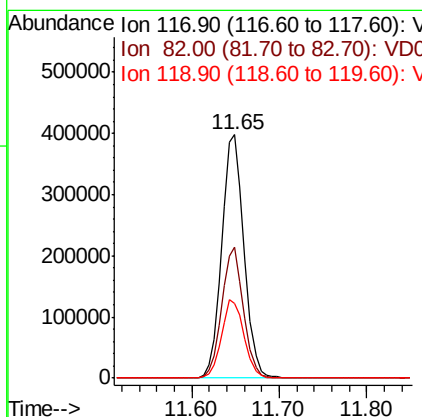
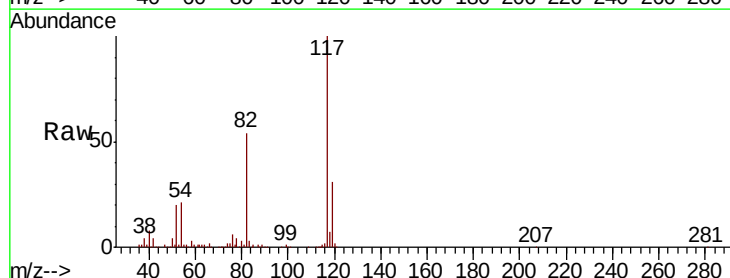
Instrument :
MSVOA_D
ClientSampleId :
OR-03-122619

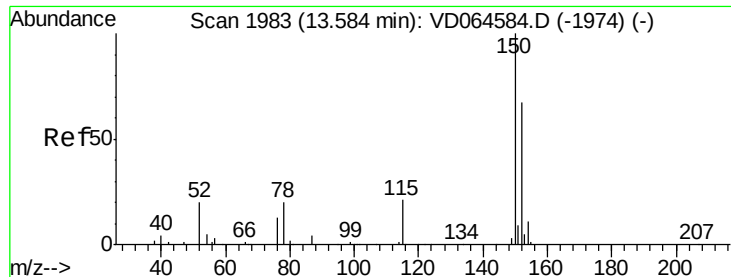
Tot Ion	Ratio	Lower	Upper
95	100		
174	96.1	0.0	193.2
176	94.8	0.0	184.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064650.D
Acq: 27 Dec 2019 17:45

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.9	42.2	63.4
119	30.9	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: VD064650.D

Acq: 27 Dec 2019 17:45

Instrument :

MSVOA_D

ClientSampleId :

OR-03-122619

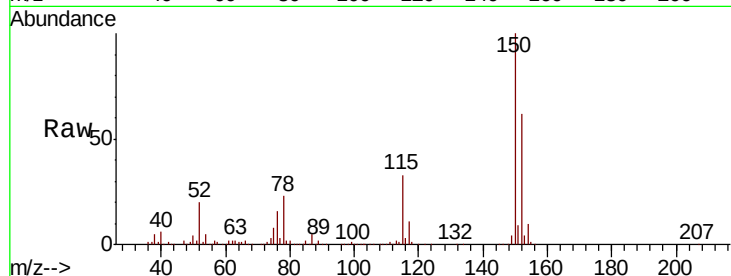
Tot Ion:152 Resp: 321061

Ion Ratio Lower Upper

152 100

115 55.1 27.8 83.4

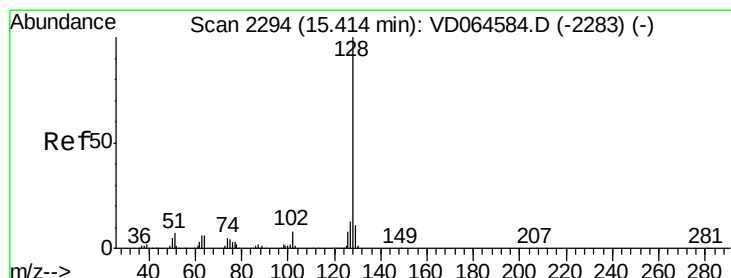
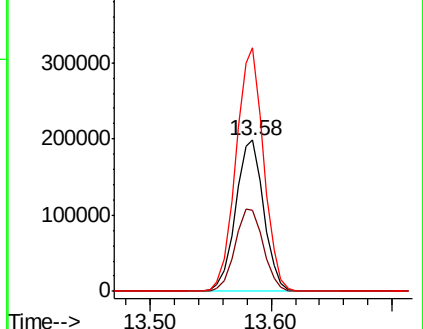
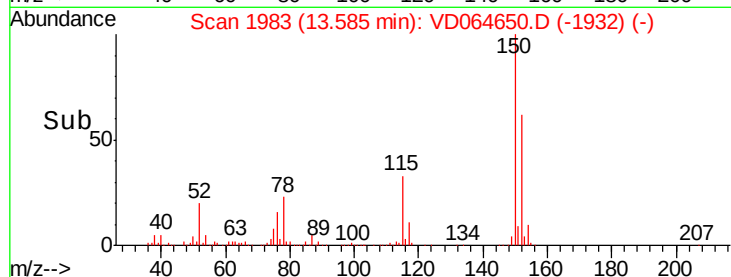
150 158.8 0.0 351.4



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



#95

Naphthalene

Concen: 22.143 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. 0.00 min

Lab File: VD064650.D

Acq: 27 Dec 2019 17:45

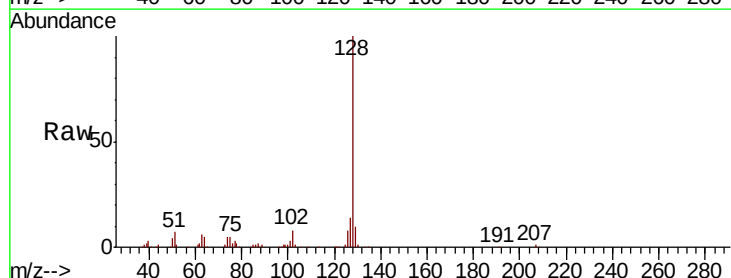
Tgt Ion:128 Resp: 236374

Ion Ratio Lower Upper

128 100

127 13.6 10.3 15.5

129 10.5 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

