

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120419\
 Data File : VD064420.D
 Acq On : 04 Dec 2019 16:47
 Operator : VA/SY
 Sample : K6133-01
 Misc : 7.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ROLL-OFF-362

Quant Time: Dec 05 06:30:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 29 07:18:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	647158	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1061657	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	953450	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	423334	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	301529	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
35) Dibromofluoromethane	7.92	113	326865	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	
50) Toluene-d8	10.34	98	1263693	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
62) 4-Bromofluorobenzene	12.64	95	392080	48.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.84%	

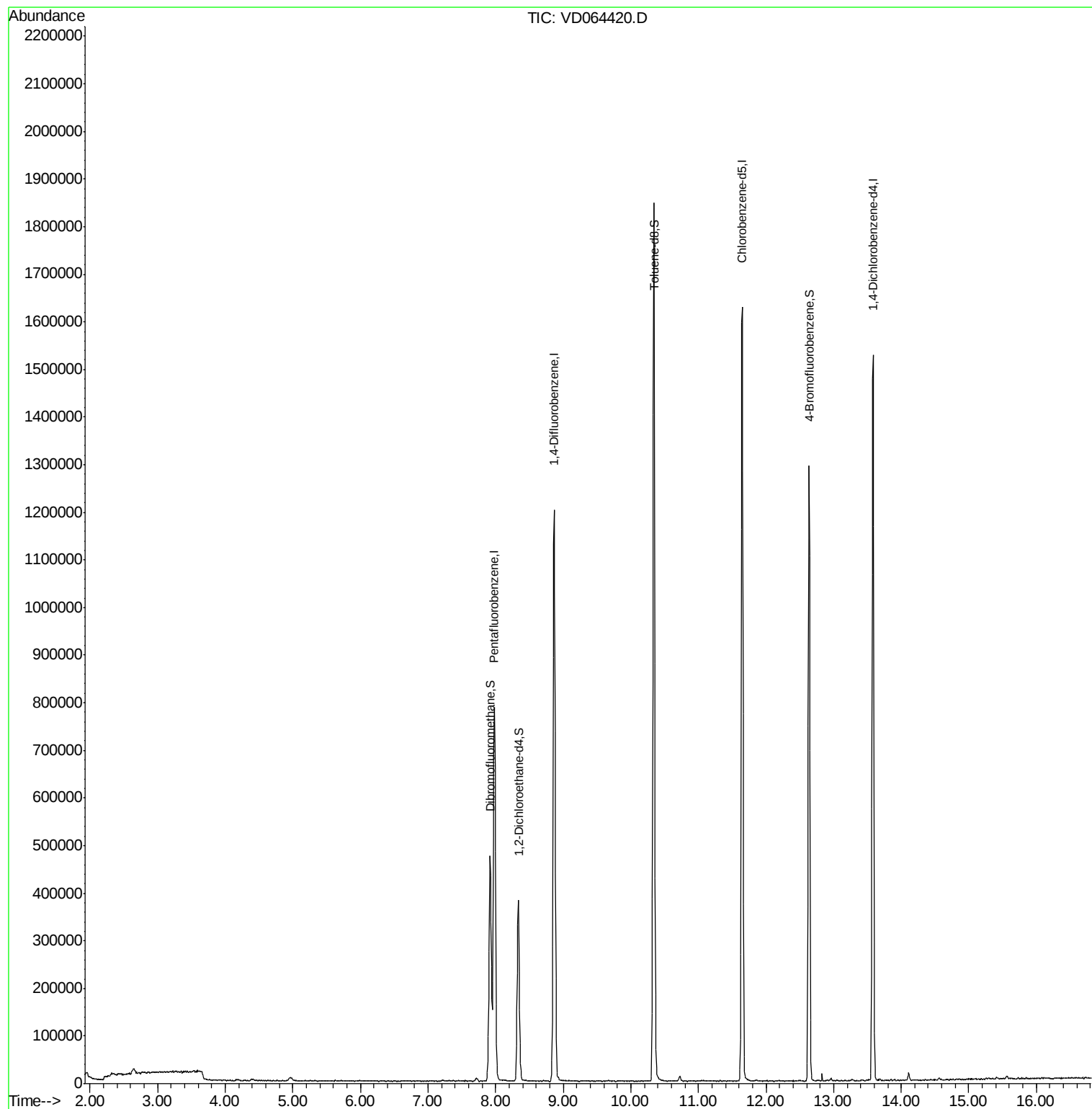
Target Compounds	Qvalue

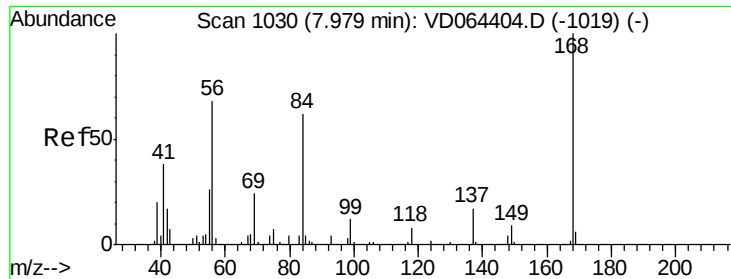
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD064420.D

Acq: 04 Dec 2019 16:47

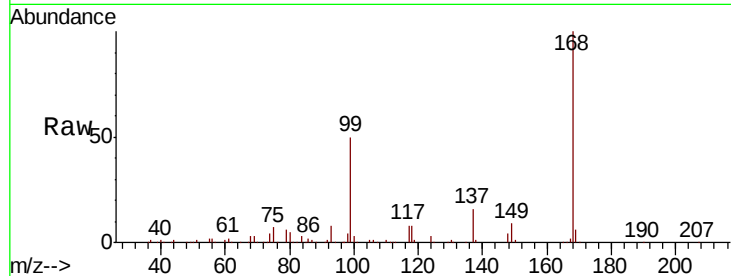
Instrument :
MSVOA_D
ClientSampleId :
ROLL-OFF-362

Tot Ion:168 Resp: 647158

Ion Ratio Lower Upper

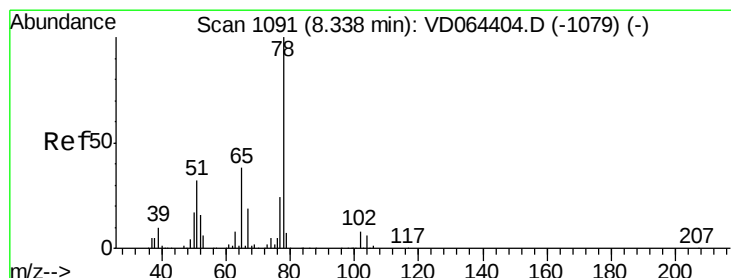
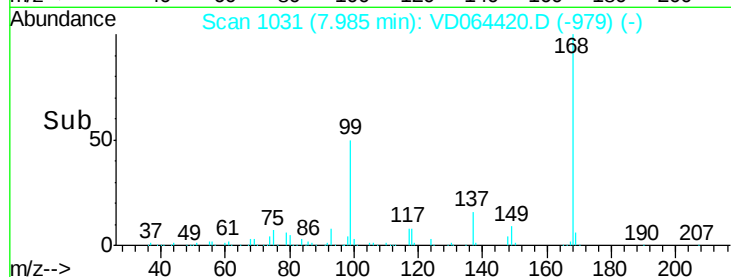
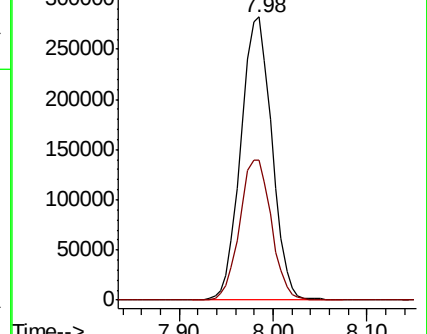
168 100

99 49.6 40.7 61.1



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: 51.475 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064420.D

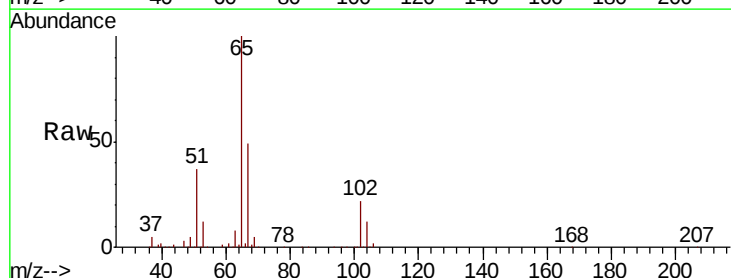
Acq: 04 Dec 2019 16:47

Tgt Ion: 65 Resp: 301529

Ion Ratio Lower Upper

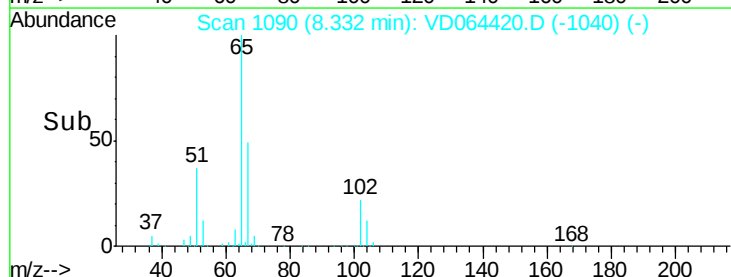
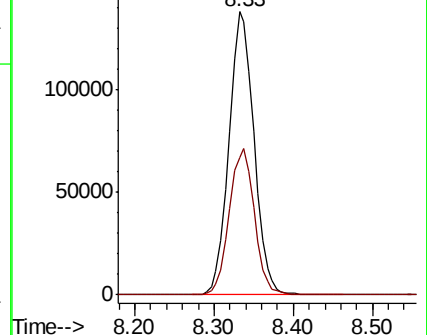
65 100

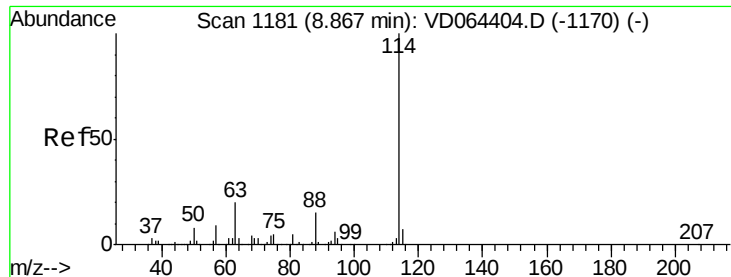
67 51.9 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



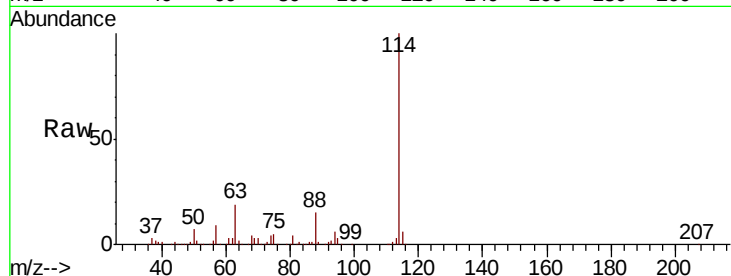


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064420.D
 Acq: 04 Dec 2019 16:47

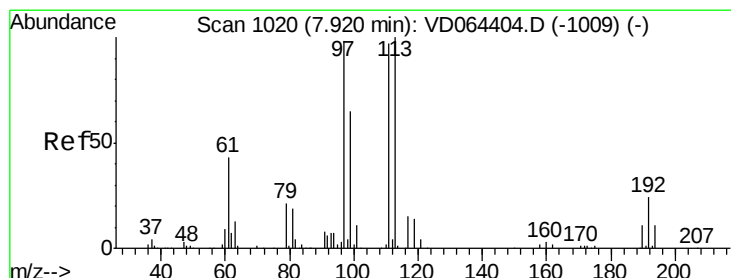
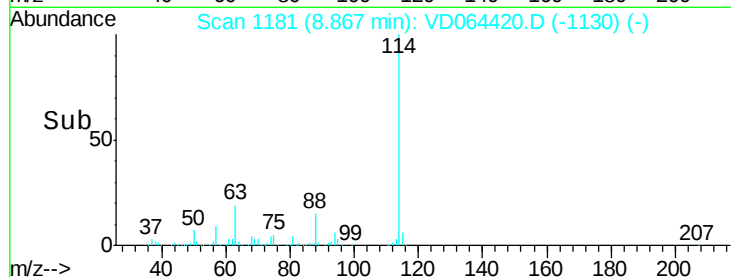
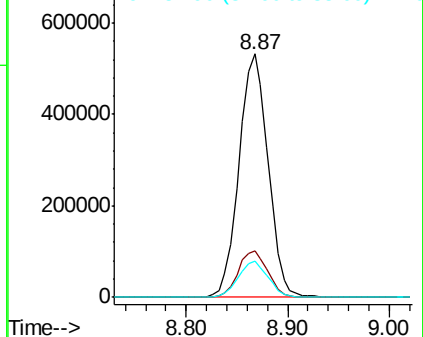
Instrument :
 MSVOA_D
 ClientSampleId :
 ROLL-OFF-362

Tot Ion:114 Resp: 1061657

Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	40.0
88	14.7	0.0	29.2



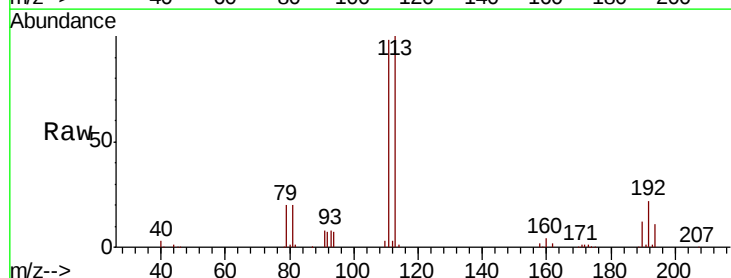
Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V



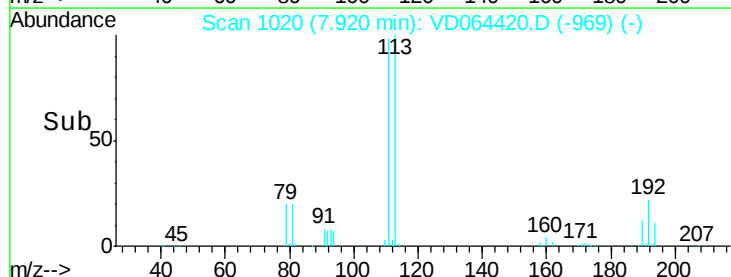
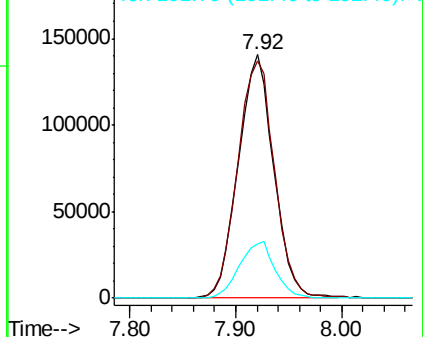
#35
 Dibromofluoromethane
 Concen: 48.866 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064420.D
 Acq: 04 Dec 2019 16:47

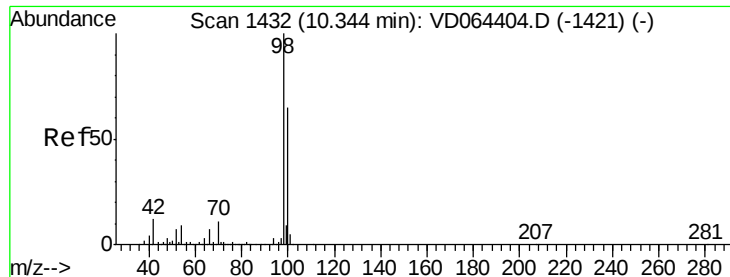
Tgt Ion:113 Resp: 326865

Ion	Ratio	Lower	Upper
113	100		
111	102.3	79.4	119.2
192	23.4	18.6	28.0



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: 50.153 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD064420.D

Acq: 04 Dec 2019 16:47

Instrument :

MSVOA_D

ClientSampleId :

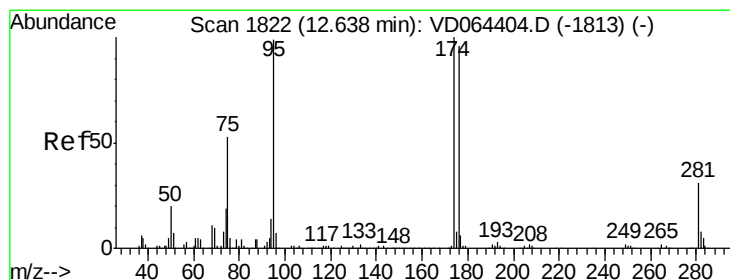
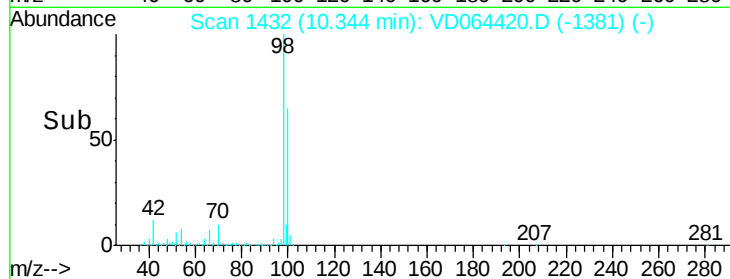
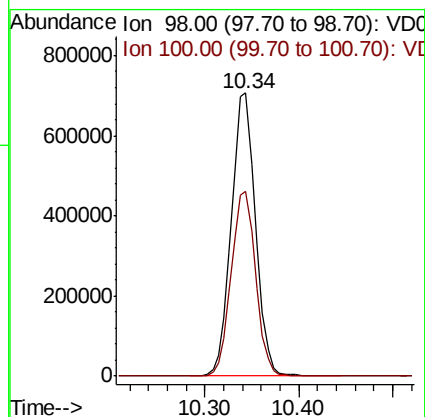
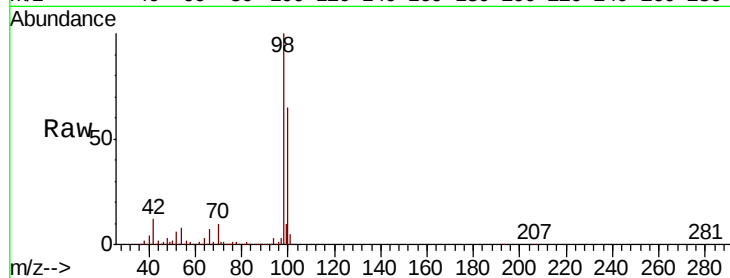
ROLL-OFF-362

Tot Ion: 98 Resp: 1263693

Ion Ratio Lower Upper

98 100

100 66.3 52.6 79.0



#62

4-Bromofluorobenzene

Concen: 48.420 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064420.D

Acq: 04 Dec 2019 16:47

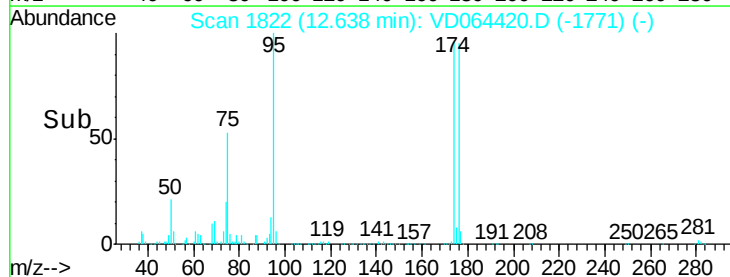
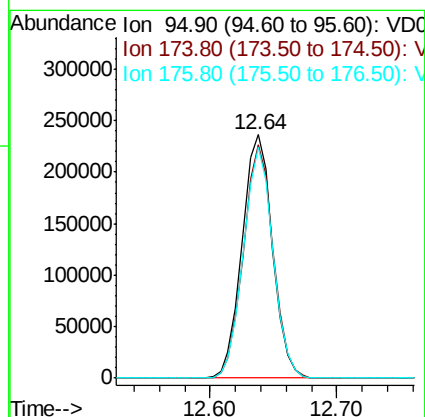
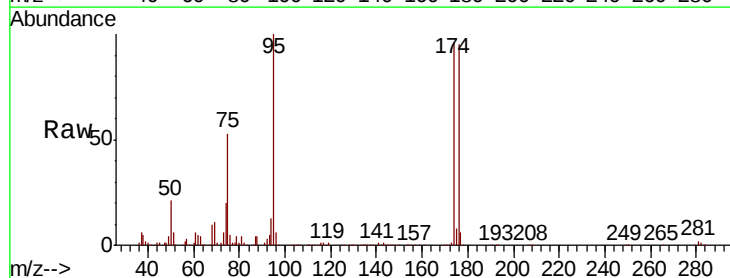
Tgt Ion: 95 Resp: 392080

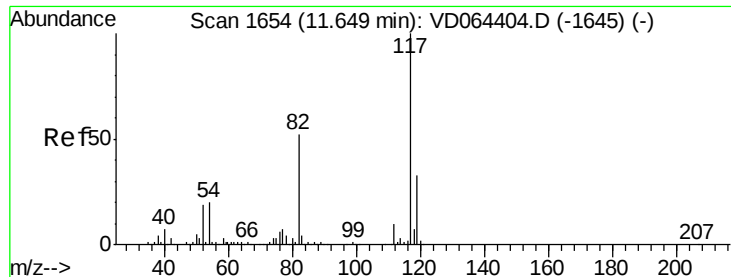
Ion Ratio Lower Upper

95 100

174 94.0 0.0 197.2

176 92.6 0.0 189.6

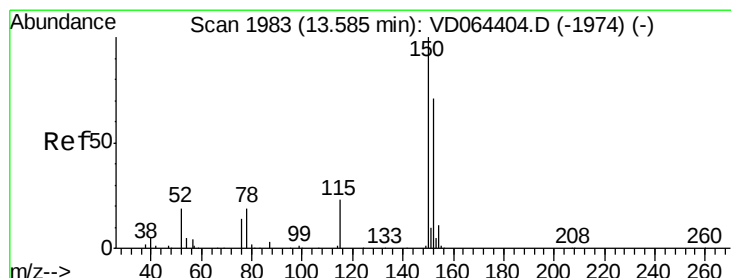
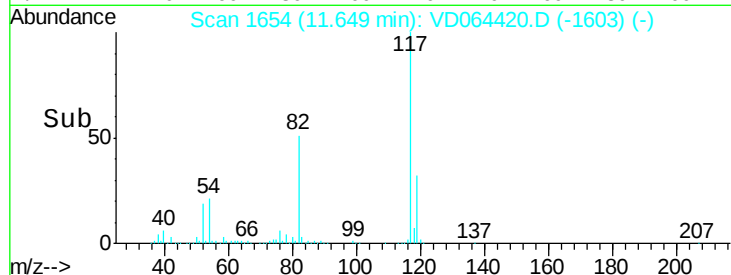
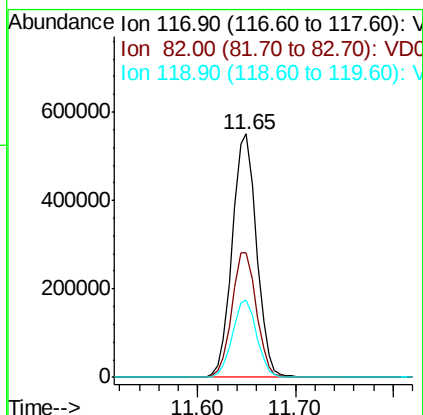
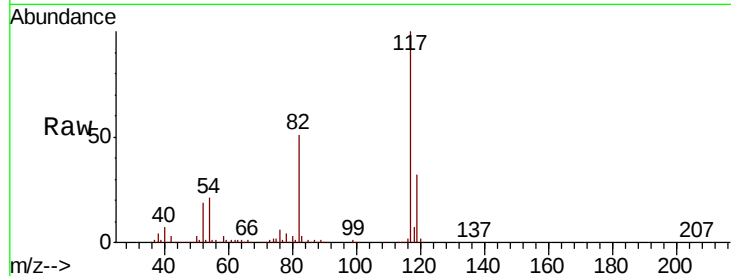




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064420.D
Acq: 04 Dec 2019 16:47

Instrument :
MSVOA_D
ClientSampleId :
ROLL-OFF-362

Tot Ion:117 Resp: 953450
Ion Ratio Lower Upper
117 100
82 51.2 41.4 62.2
119 31.7 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064420.D
Acq: 04 Dec 2019 16:47

Tgt Ion:152 Resp: 423334
Ion Ratio Lower Upper
152 100
115 54.3 26.7 80.1
150 157.1 0.0 347.2

