

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120419\
 Data File : VD064410.D
 Acq On : 04 Dec 2019 11:49
 Operator : VA/SY
 Sample : VD1204SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1204SBL01

Quant Time: Dec 05 05:47:33 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	762118	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1137985	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1013341	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	501172	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	338958	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
35) Dibromofluoromethane	7.91	113	345088	48.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.26%	
50) Toluene-d8	10.34	98	1318764	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	
62) 4-Bromofluorobenzene	12.64	95	443936	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	

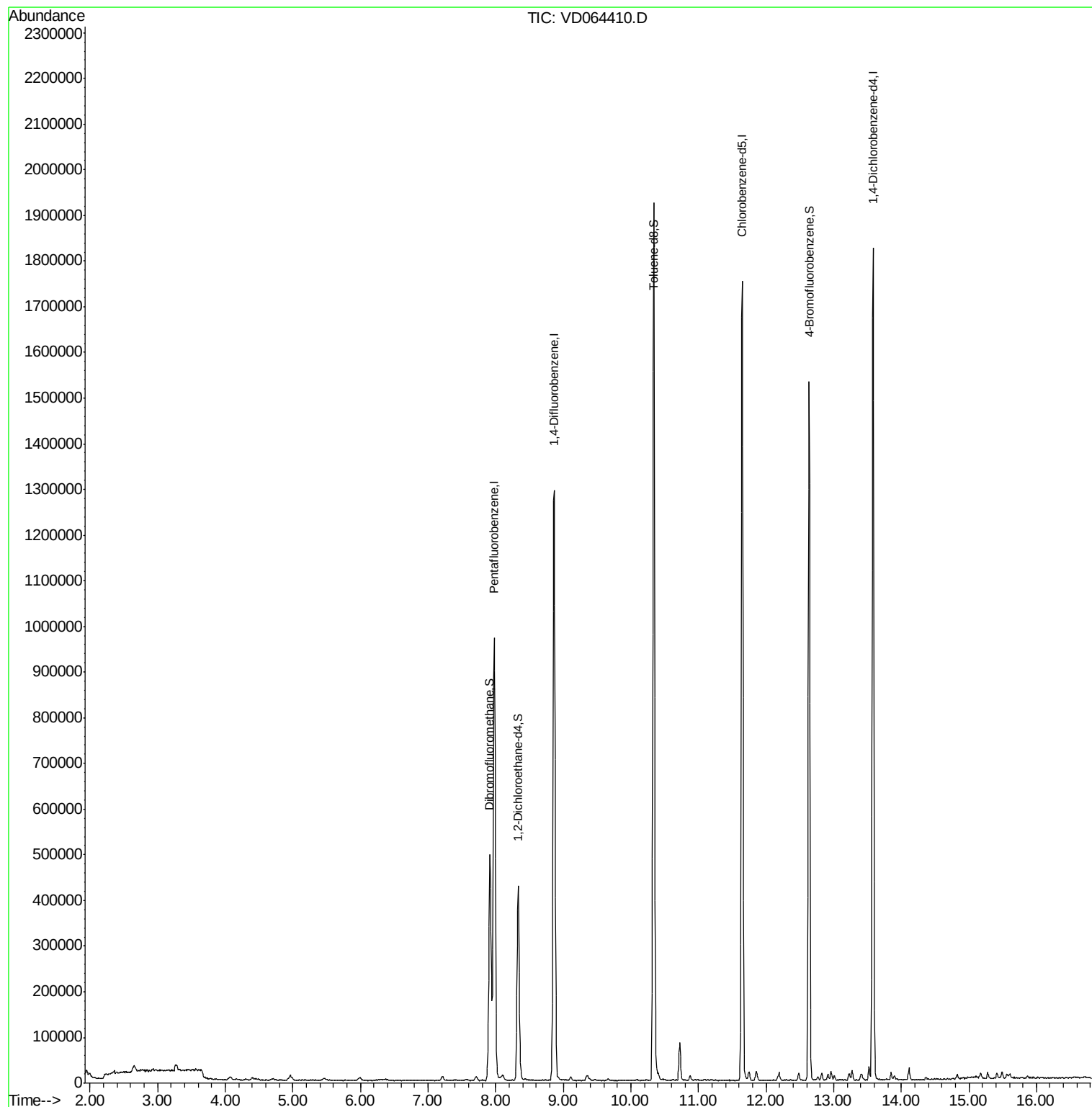
Target Compounds	Qvalue
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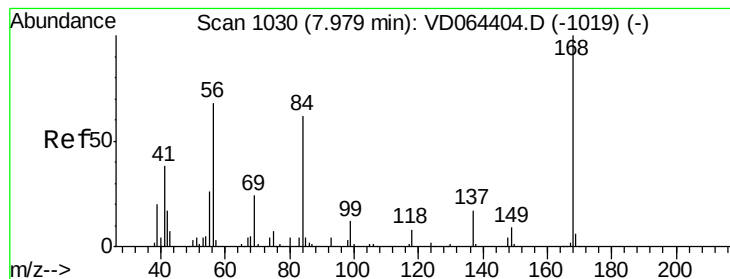
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD064410.D

Acq: 04 Dec 2019 11:49

Instrument :

MSVOA_D

ClientSampleId :

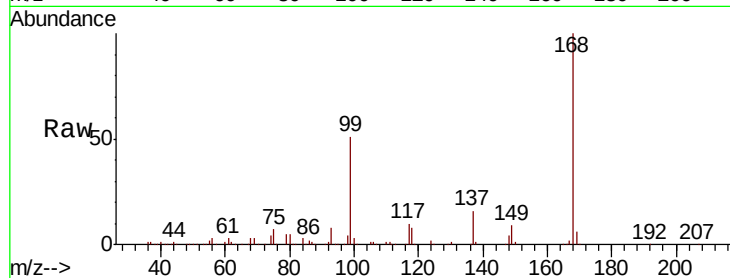
VD1204SBL01

Tot Ion:168 Resp: 762118

Ion Ratio Lower Upper

168 100

99 51.2 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

400000

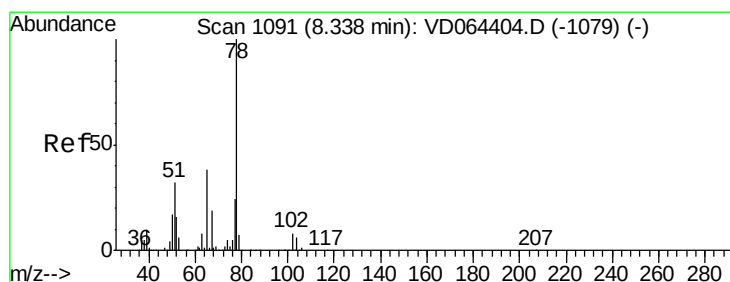
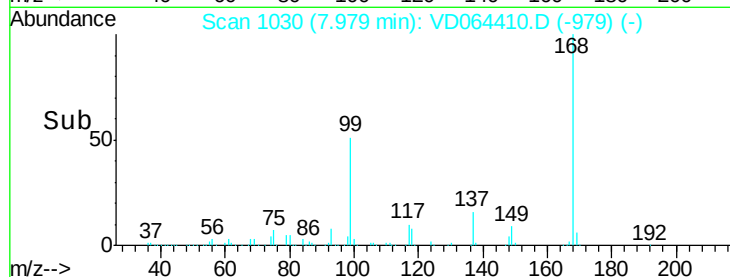
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.137 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064410.D

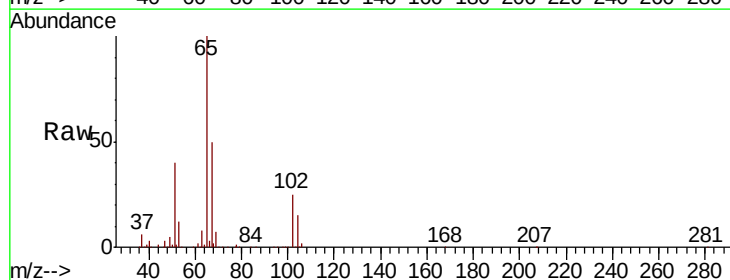
Acq: 04 Dec 2019 11:49

Tgt Ion: 65 Resp: 338958

Ion Ratio Lower Upper

65 100

67 50.5 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

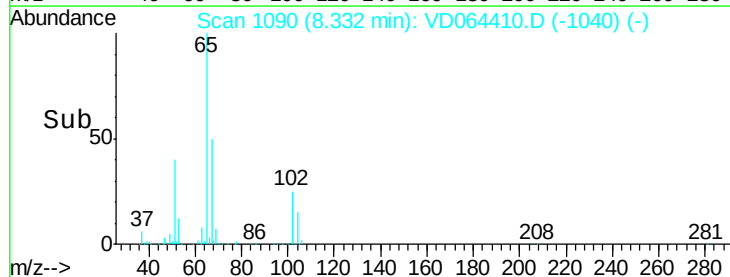
150000

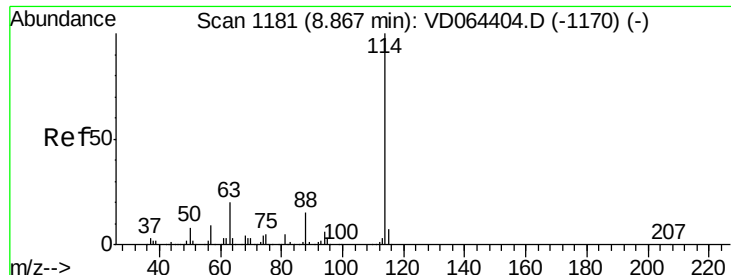
100000

50000

0

Time-->

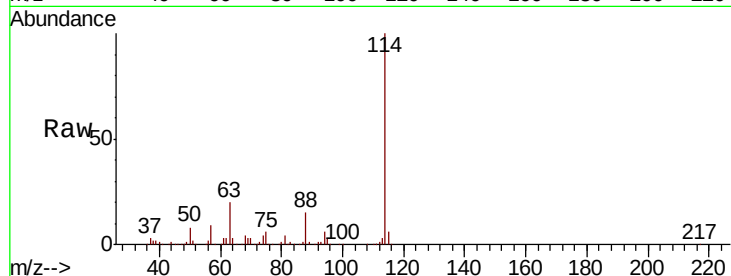




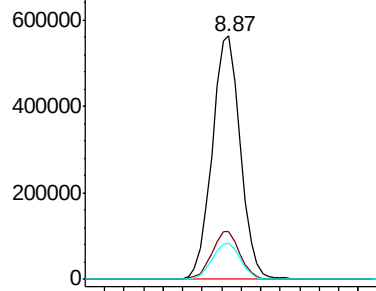
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD064410.D
Acq: 04 Dec 2019 11:49

Instrument :
MSVOA_D
ClientSampleId :
VD1204SBL01

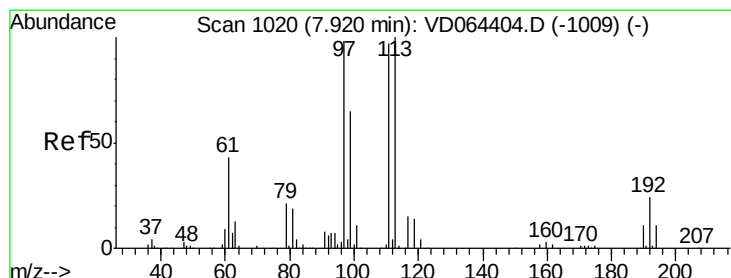
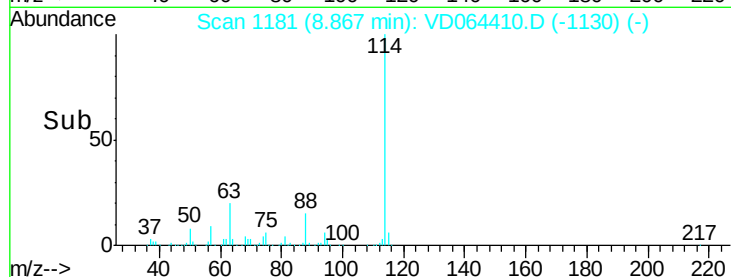
Tot Ion:114 Resp: 1137985
Ion Ratio Lower Upper
114 100
63 19.6 0.0 40.0
88 14.9 0.0 29.2



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

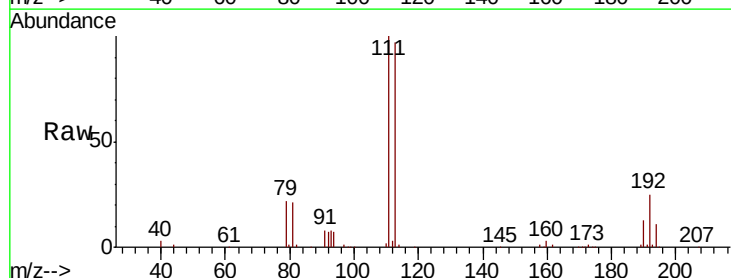


Time-->

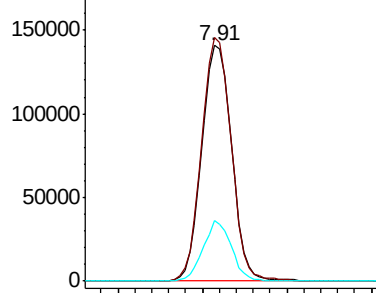


#35
Dibromofluoromethane
Concen: 48.130 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.01 min
Lab File: VD064410.D
Acq: 04 Dec 2019 11:49

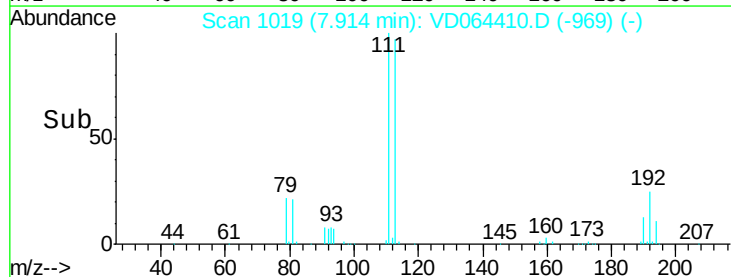
Tgt Ion:113 Resp: 345088
Ion Ratio Lower Upper
113 100
111 102.4 79.4 119.2
192 24.0 18.6 28.0

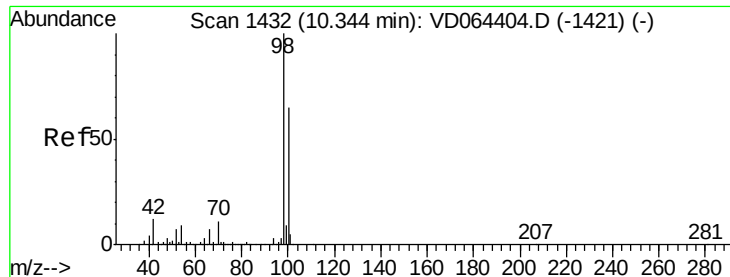


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



Time-->

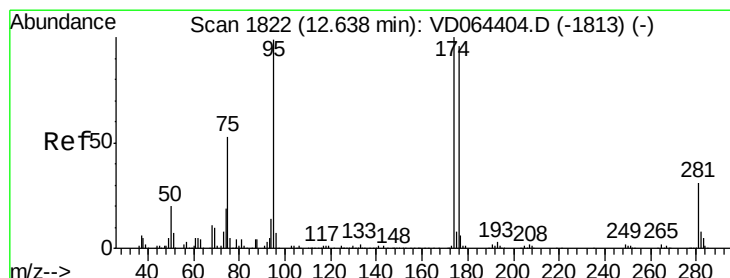
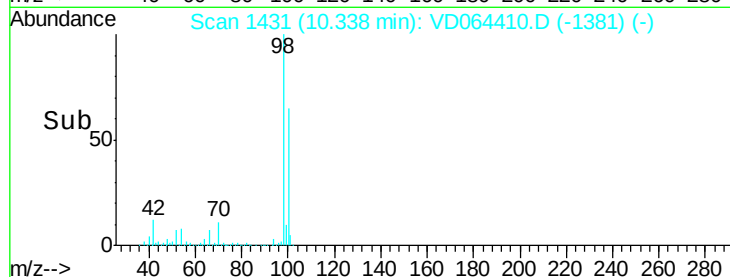
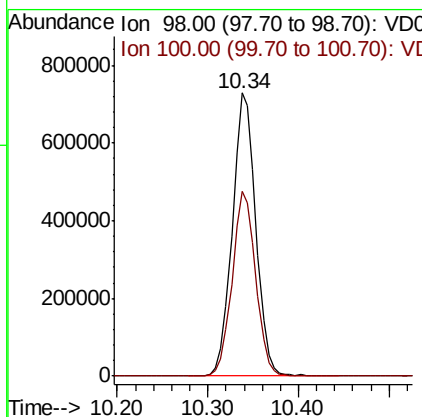
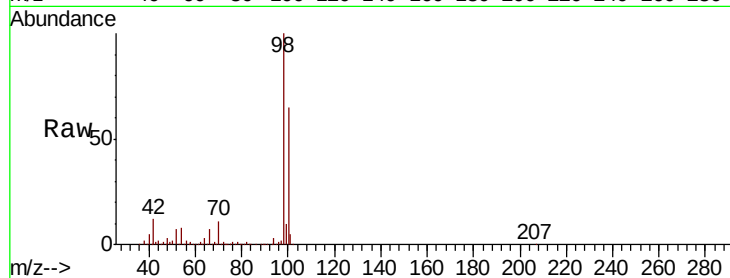




#50
Toluene-d8
Concen: 48.828 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VD064410.D
Acq: 04 Dec 2019 11:49

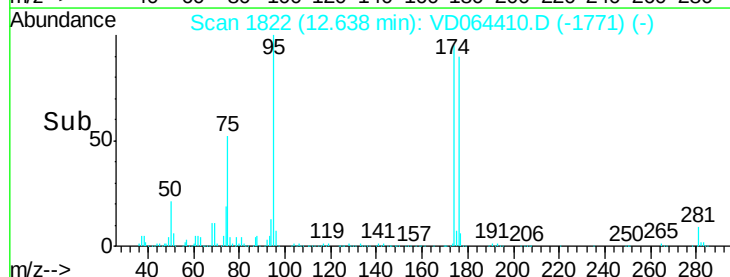
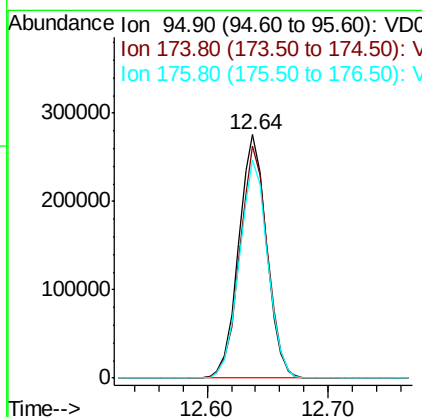
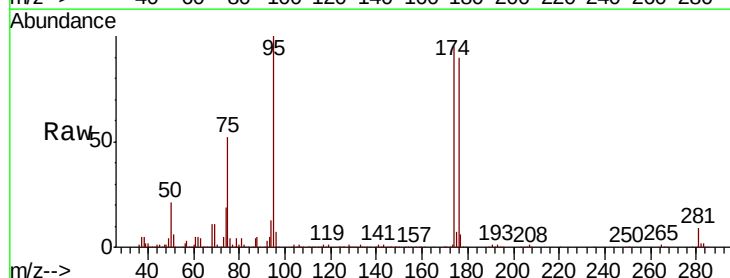
Instrument :
MSVOA_D
ClientSampleId :
VD1204SBL01

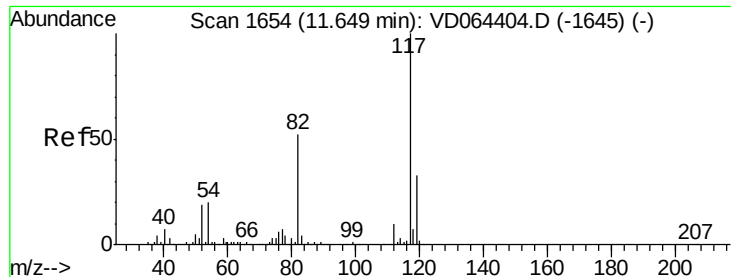
Tot Ion: 98 Resp: 1318764
Ion Ratio Lower Upper
98 100
100 65.1 52.6 79.0



#62
4-Bromofluorobenzene
Concen: 51.147 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064410.D
Acq: 04 Dec 2019 11:49

Tgt Ion: 95 Resp: 443936
Ion Ratio Lower Upper
95 100
174 95.0 0.0 197.2
176 91.1 0.0 189.6

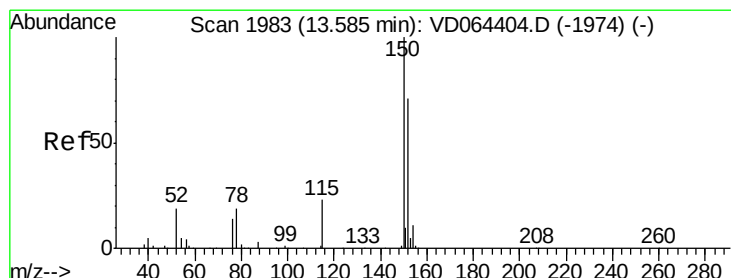
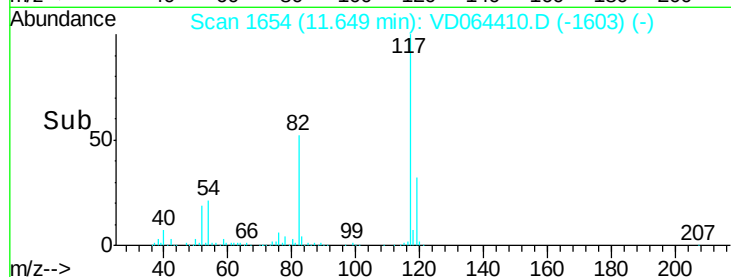
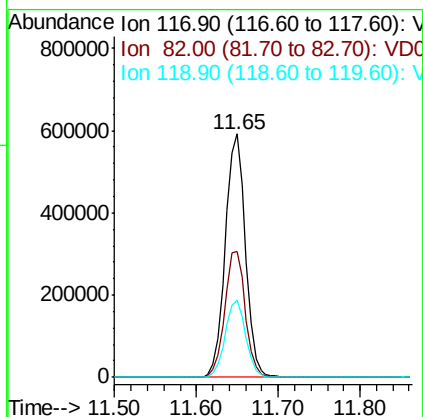
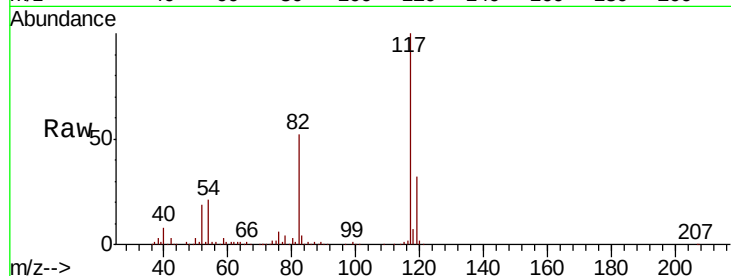




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064410.D
Acq: 04 Dec 2019 11:49

Instrument :
MSVOA_D
ClientSampleId :
VD1204SBL01

Tot Ion:117 Resp: 1013341
Ion Ratio Lower Upper
117 100
82 51.6 41.4 62.2
119 31.6 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: VD064410.D
Acq: 04 Dec 2019 11:49

Tgt Ion:152 Resp: 501172
Ion Ratio Lower Upper
152 100
115 54.0 26.7 80.1
150 155.5 0.0 347.2

