

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120519\
 Data File : VD064431.D
 Acq On : 05 Dec 2019 12:43
 Operator : VA/SY
 Sample : K6162-01
 Misc : 5.10G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP1

Quant Time: Dec 06 06:19:13 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	635591	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1032489	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	942129	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	439692	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	280694	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	
35) Dibromofluoromethane	7.92	113	314457	48.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.68%	
50) Toluene-d8	10.34	98	1243101	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
62) 4-Bromofluorobenzene	12.64	95	393387	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	

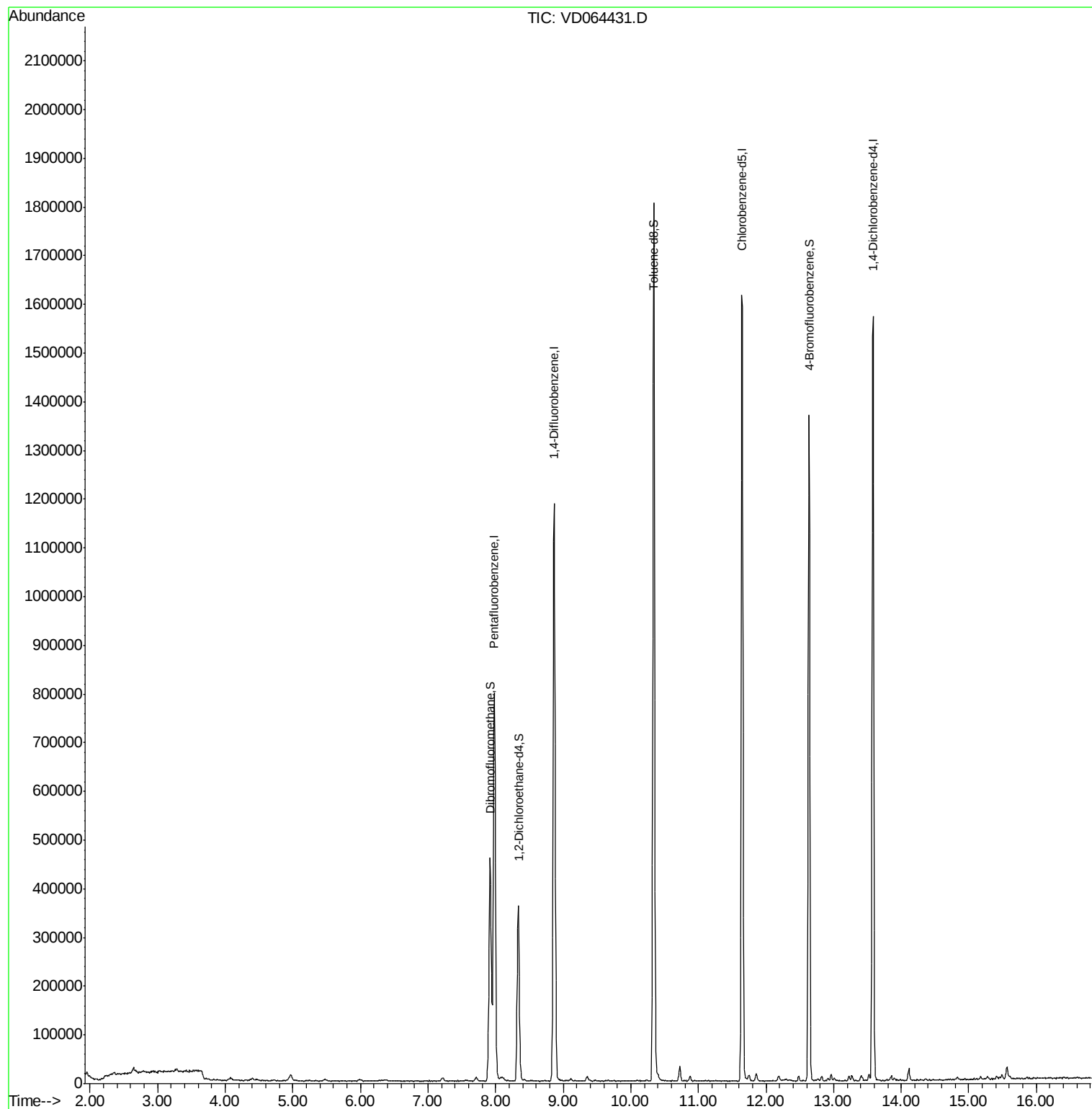
Target Compounds	Qvalue

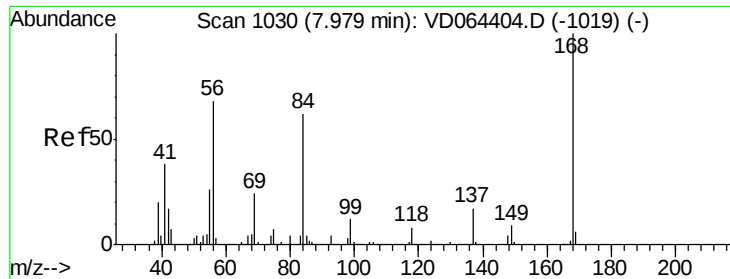
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD064431.D

Acq: 05 Dec 2019 12:43

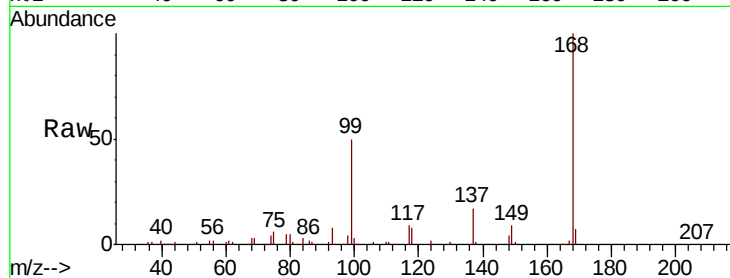
Instrument :
MSVOA_D
ClientSampled :
TP1

Tot Ion:168 Resp: 635591

Ion Ratio Lower Upper

168 100

99 50.3 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

300000

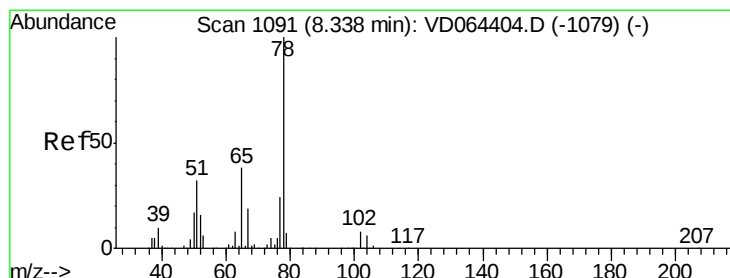
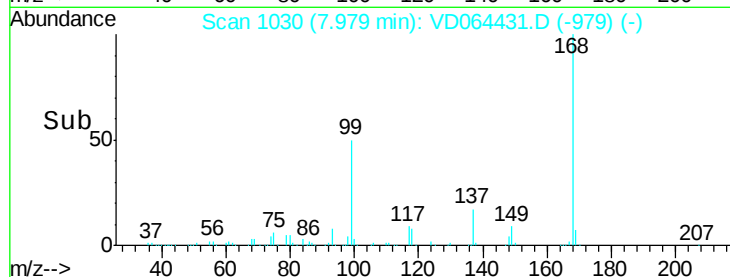
200000

100000

0

Time-->

7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 48.791 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064431.D

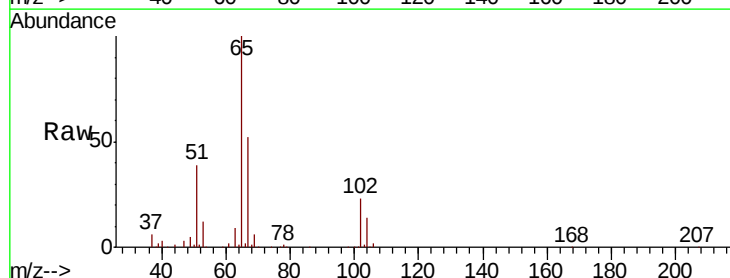
Acq: 05 Dec 2019 12:43

Tgt Ion: 65 Resp: 280694

Ion Ratio Lower Upper

65 100

67 51.7 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

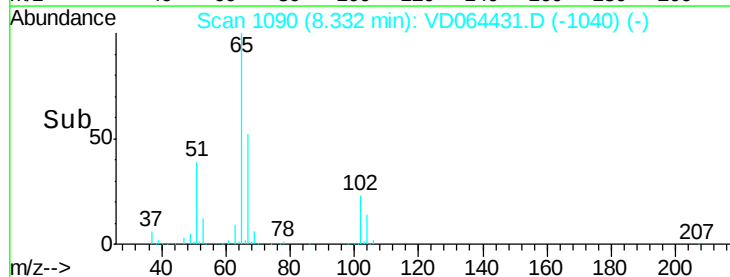
100000

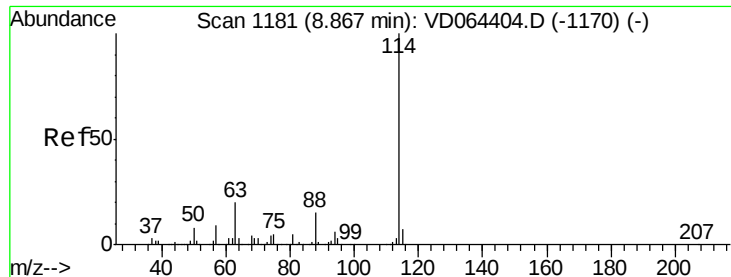
50000

0

Time-->

8.20 8.30 8.40

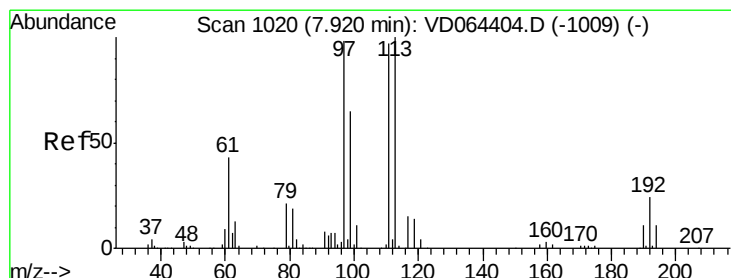
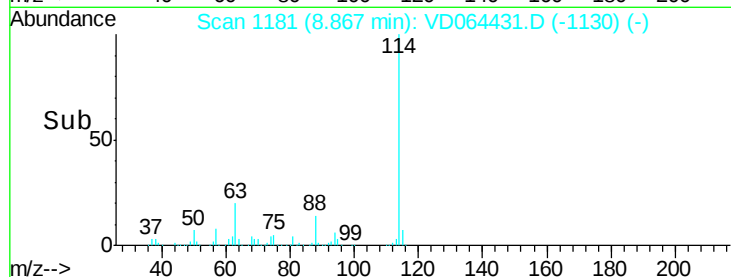
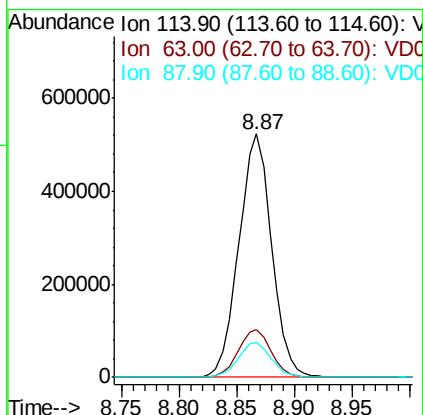
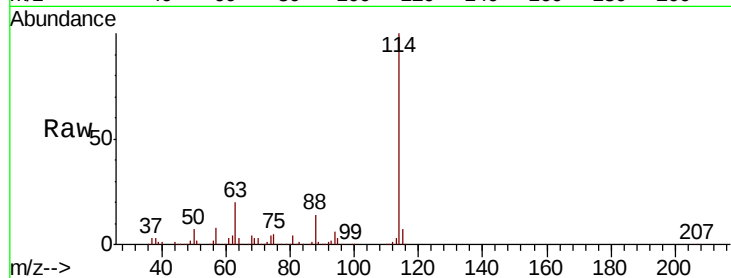




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD064431.D
Acq: 05 Dec 2019 12:43

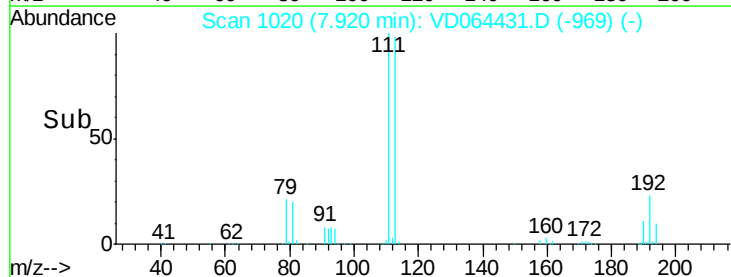
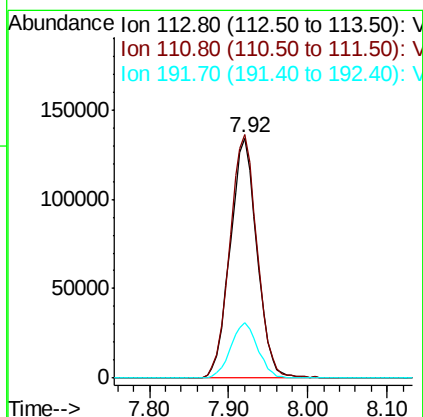
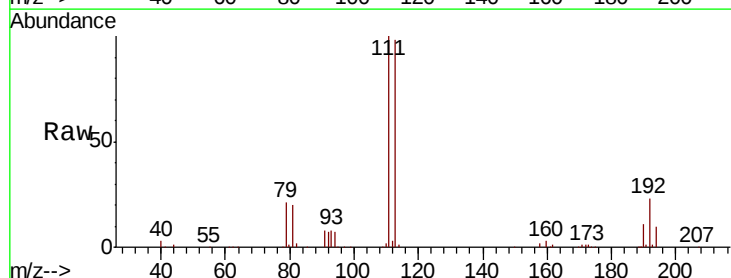
Instrument :
MSVOA_D
ClientSampleId :
TP1

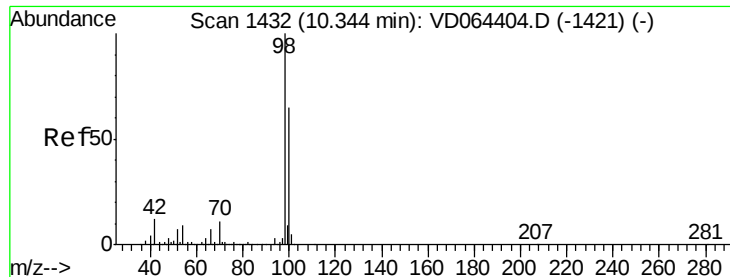
Tot Ion:114 Resp: 1032489
Ion Ratio Lower Upper
114 100
63 19.6 0.0 40.0
88 14.2 0.0 29.2



#35
Dibromofluoromethane
Concen: 48.339 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD064431.D
Acq: 05 Dec 2019 12:43

Tgt Ion:113 Resp: 314457
Ion Ratio Lower Upper
113 100
111 103.0 79.4 119.2
192 23.1 18.6 28.0





#50

Toluene-d8

Concen: 50.730 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VD064431.D

Acq: 05 Dec 2019 12:43

Instrument :

MSVOA_D

ClientSampleId :

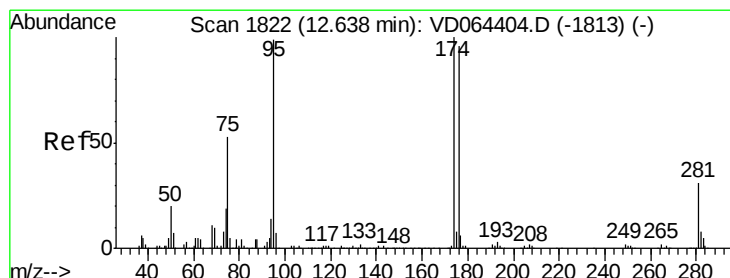
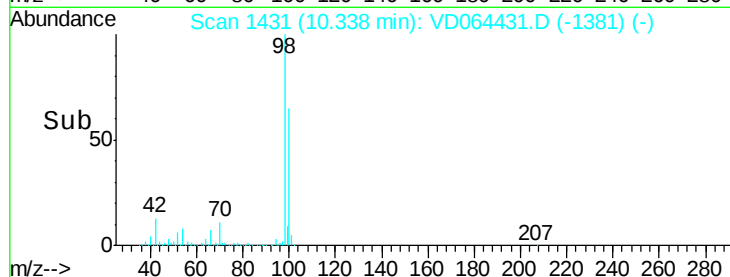
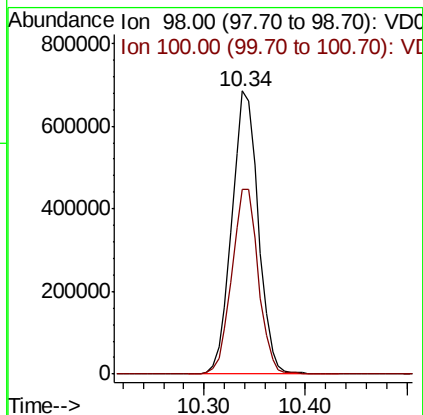
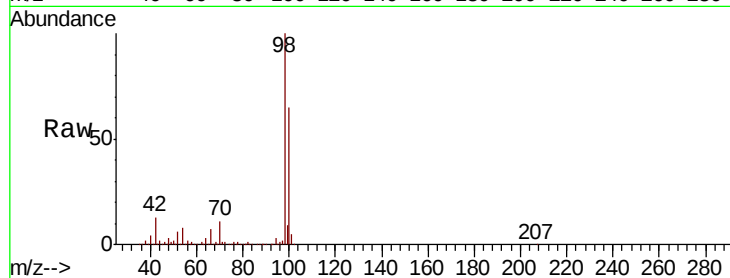
TP1

Tot Ion: 98 Resp: 1243101

Ion Ratio Lower Upper

98 100

100 65.6 52.6 79.0



#62

4-Bromofluorobenzene

Concen: 49.954 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064431.D

Acq: 05 Dec 2019 12:43

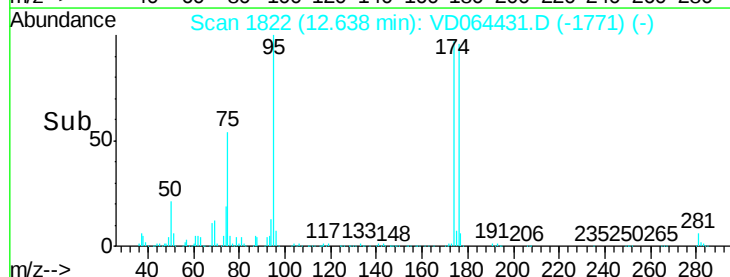
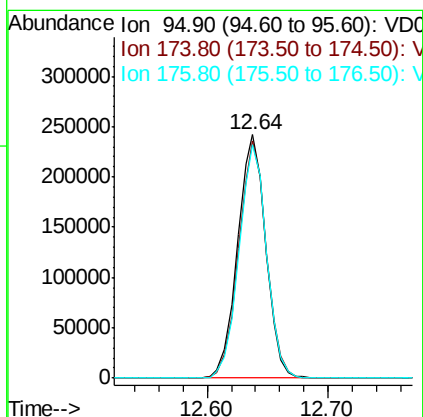
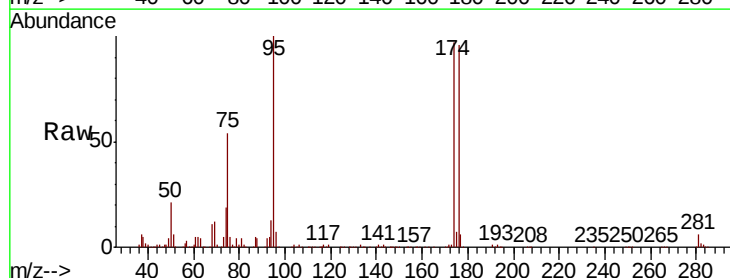
Tgt Ion: 95 Resp: 393387

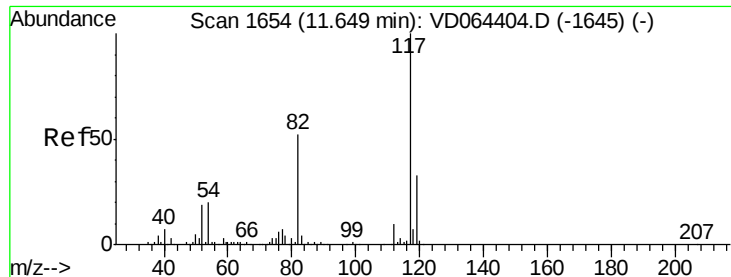
Ion Ratio Lower Upper

95 100

174 95.7 0.0 197.2

176 94.1 0.0 189.6

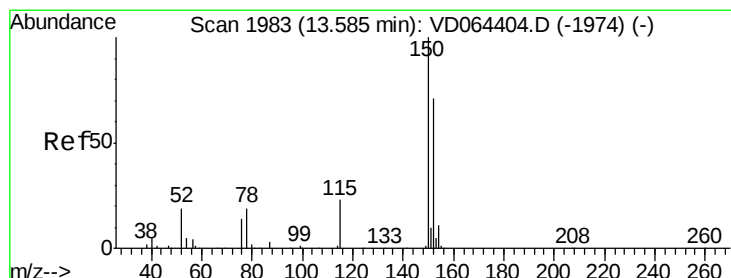
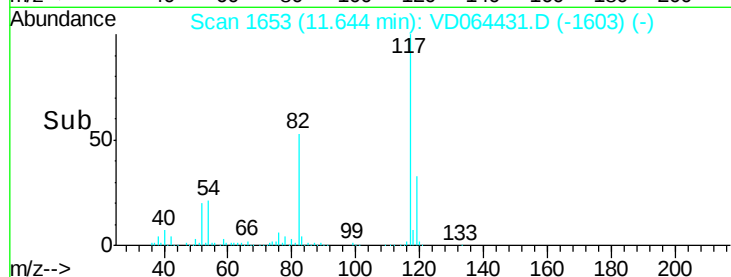
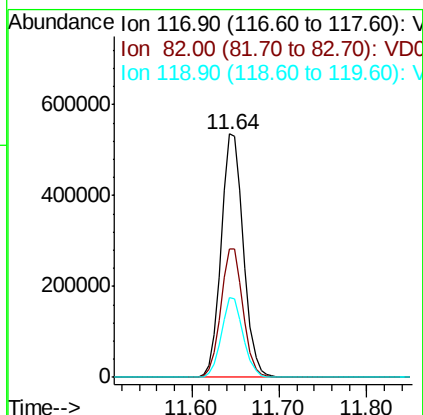
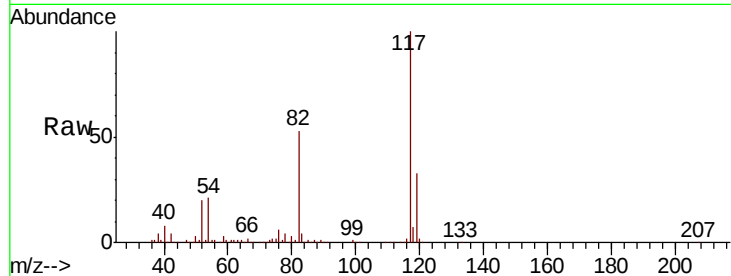




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.01 min
Lab File: VD064431.D
Acq: 05 Dec 2019 12:43

Instrument :
MSVOA_D
ClientSampleId :
TP1

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.7	41.4	62.2
119	32.7	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: VD064431.D
Acq: 05 Dec 2019 12:43

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.7	26.7	80.1
150	158.1	0.0	347.2

