

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121119\
 Data File : VD064494.D
 Acq On : 11 Dec 2019 11:42
 Operator : VA/SY
 Sample : VD1211SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1211SBL01

Quant Time: Dec 12 03:12:46 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	431747	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	656979	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	637830	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	316083	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	191840	49.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.18%	
35) Dibromofluoromethane	7.91	113	201548	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	
50) Toluene-d8	10.34	98	804652	51.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.22%	
62) 4-Bromofluorobenzene	12.64	95	270092	53.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.80%	

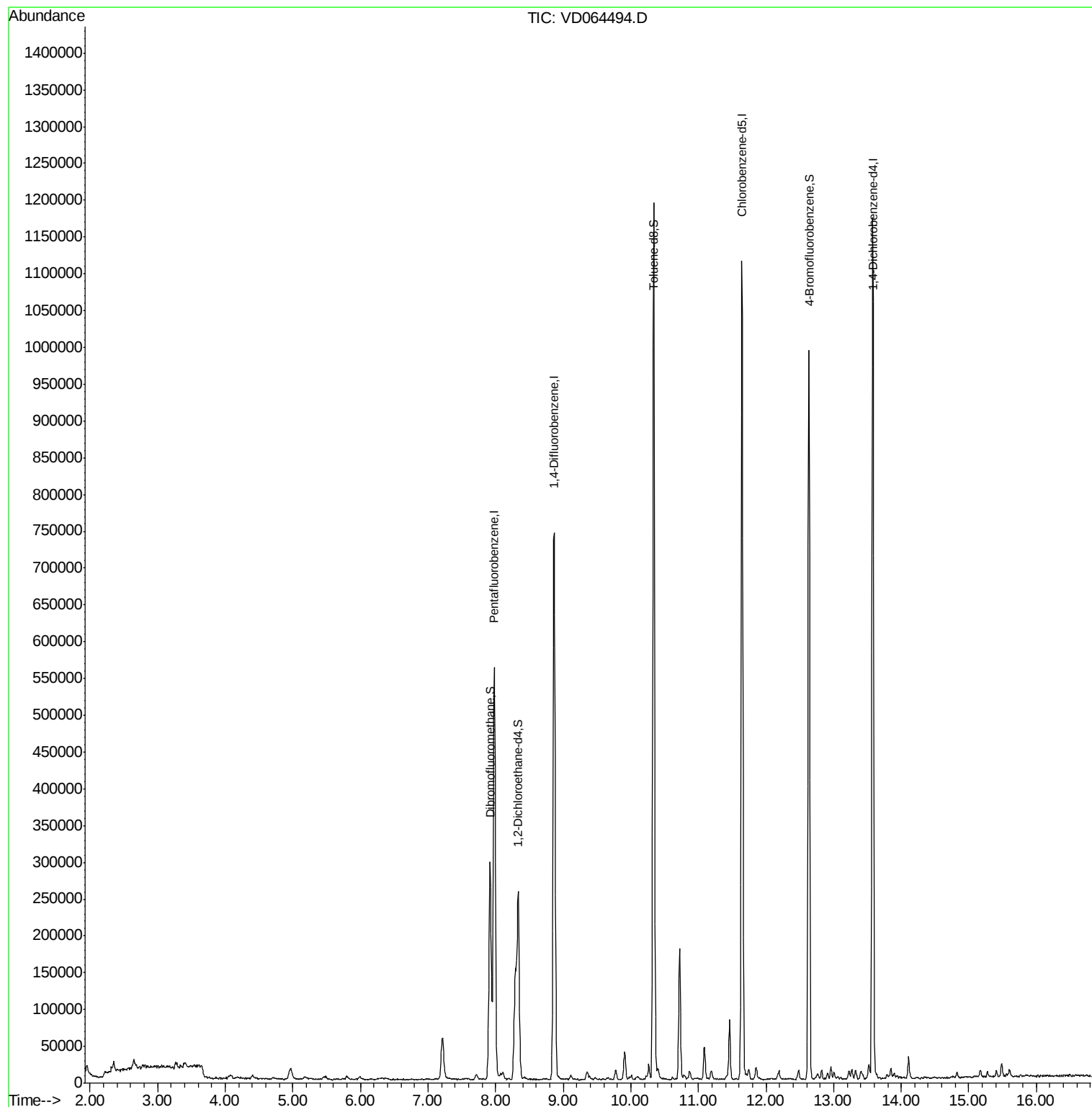
Target Compounds	Qvalue
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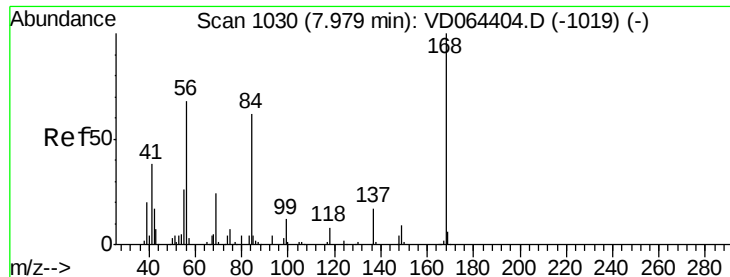
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 29 07:18:03 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD064494.D

Acq: 11 Dec 2019 11:42

Instrument :

MSVOA_D

ClientSampleId :

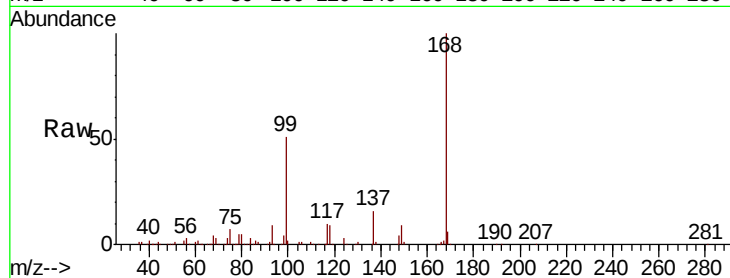
VD1211SBL01

Tot Ion:168 Resp: 431747

Ion Ratio Lower Upper

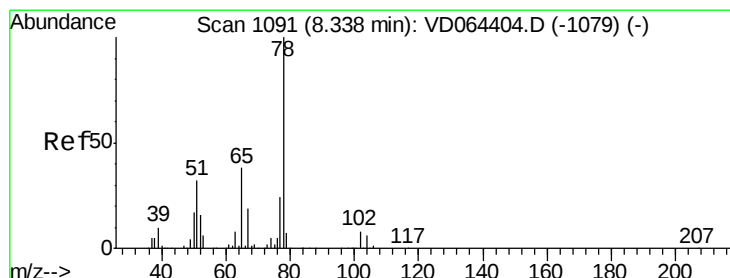
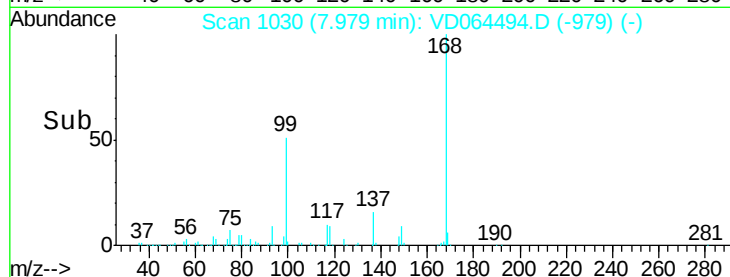
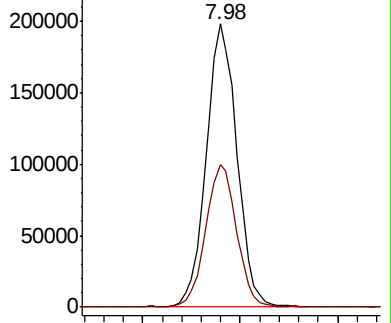
168 100

99 50.4 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: 49.090 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064494.D

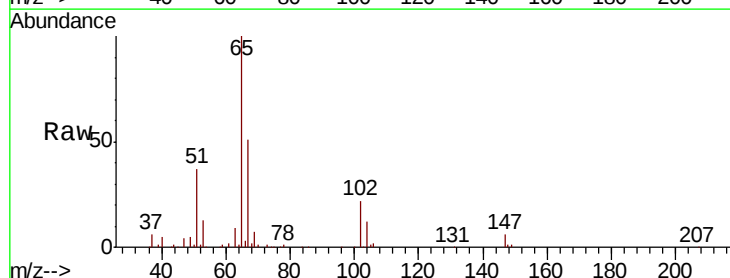
Acq: 11 Dec 2019 11:42

Tgt Ion: 65 Resp: 191840

Ion Ratio Lower Upper

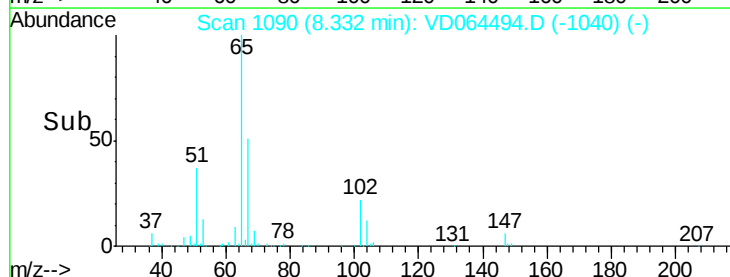
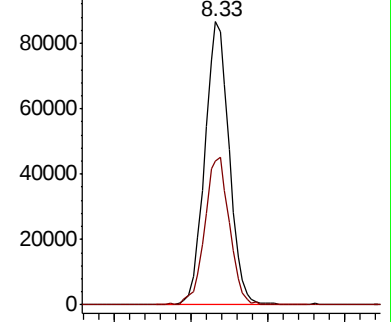
65 100

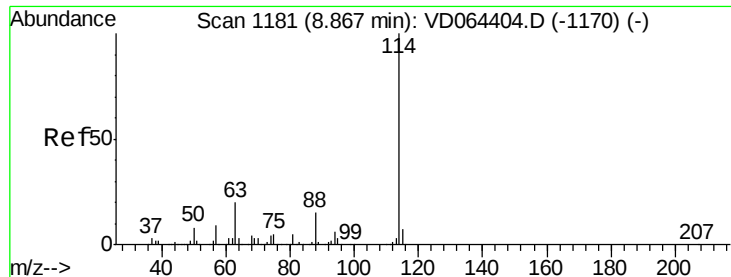
67 53.1 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

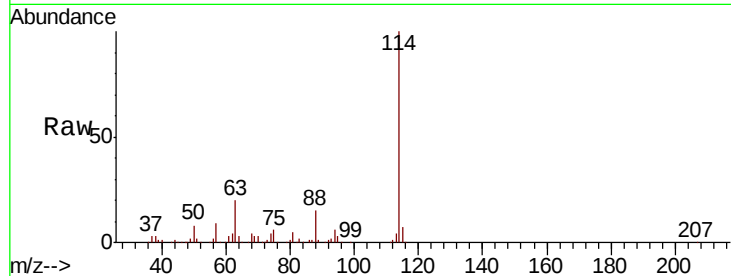




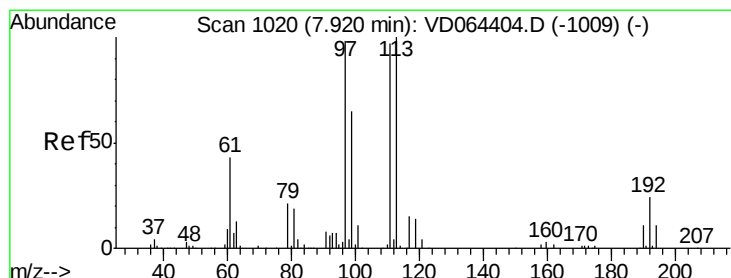
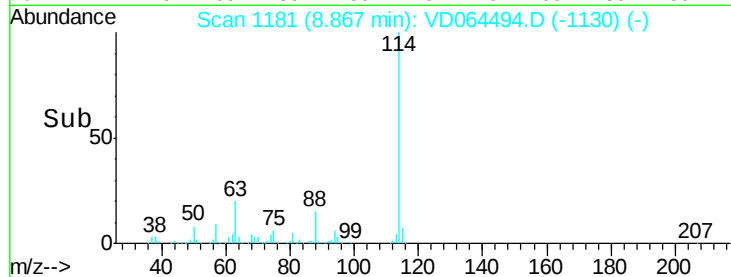
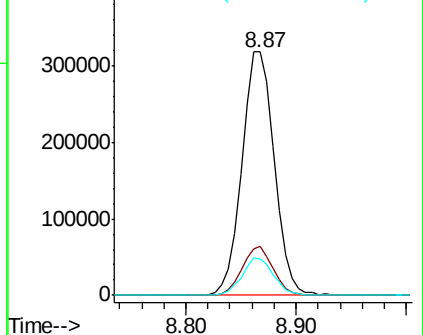
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064494.D
 Acq: 11 Dec 2019 11:42

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1211SBL01

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	40.0
88	14.7	0.0	29.2

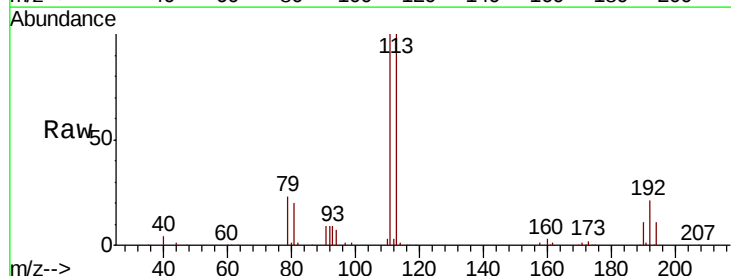


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC

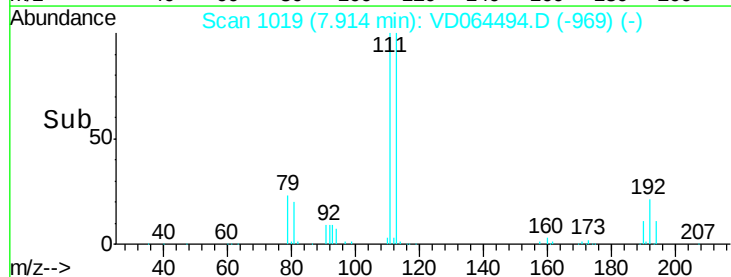
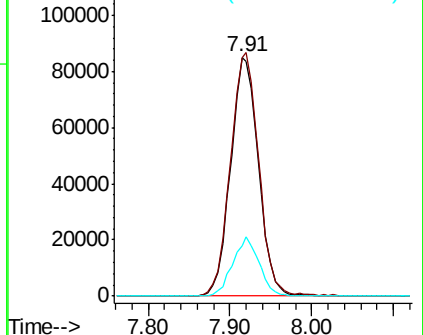


#35
 Dibromofluoromethane
 Concen: 48.691 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD064494.D
 Acq: 11 Dec 2019 11:42

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.4	79.4	119.2
192	23.7	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: 51.606 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VD064494.D

Acq: 11 Dec 2019 11:42

Instrument :

MSVOA_D

ClientSampleId :

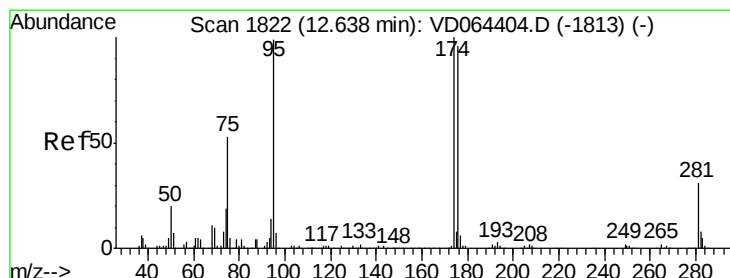
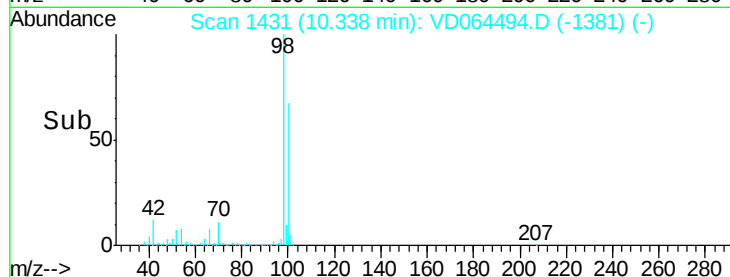
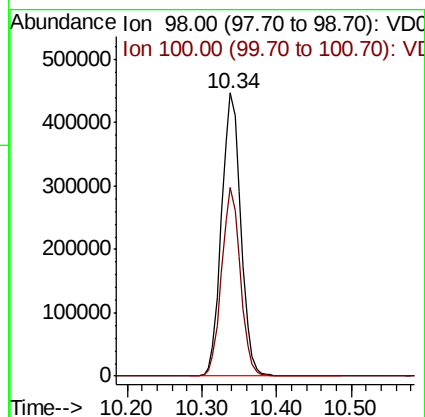
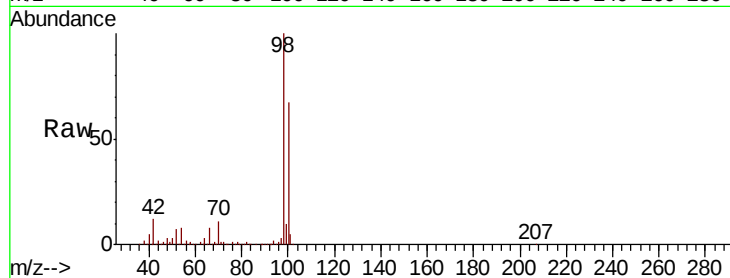
VD1211SBL01

Tot Ion: 98 Resp: 804652

Ion Ratio Lower Upper

98 100

100 64.6 52.6 79.0



#62

4-Bromofluorobenzene

Concen: 53.901 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064494.D

Acq: 11 Dec 2019 11:42

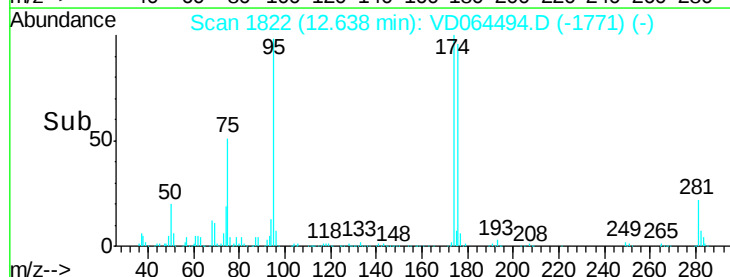
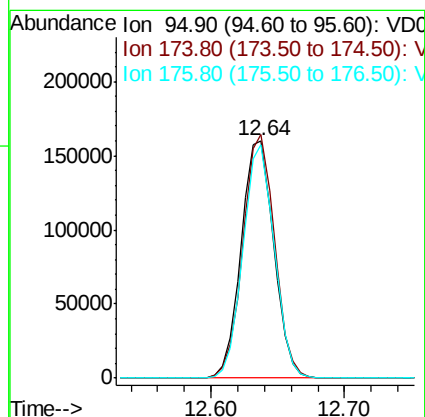
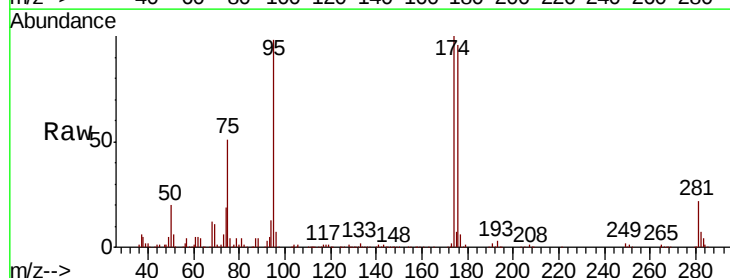
Tgt Ion: 95 Resp: 270092

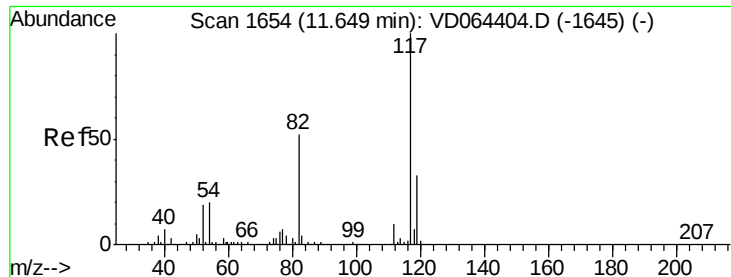
Ion Ratio Lower Upper

95 100

174 99.5 0.0 197.2

176 94.3 0.0 189.6

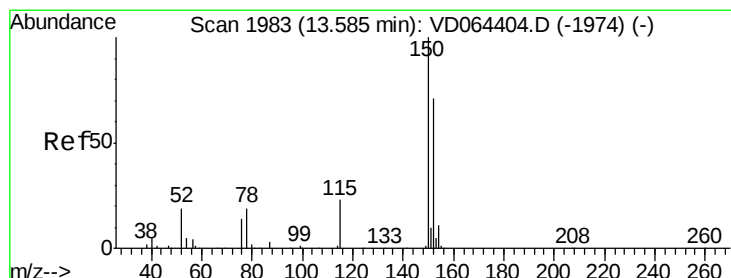
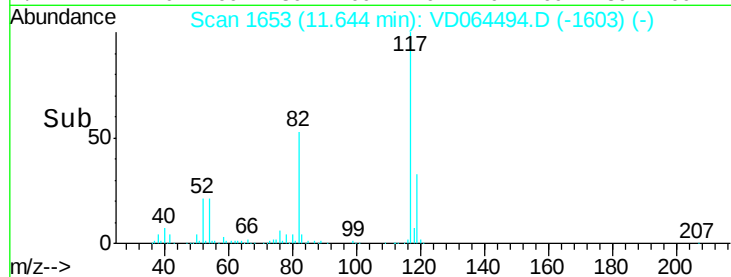
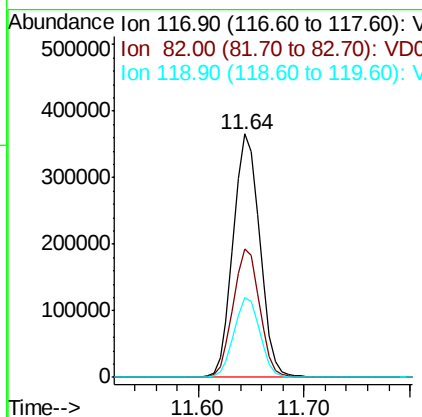
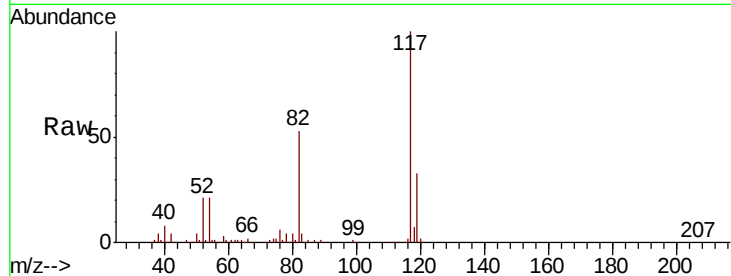




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.01 min
Lab File: VD064494.D
Acq: 11 Dec 2019 11:42

Instrument :
MSVOA_D
ClientSampleId :
VD1211SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.5	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# 1982
Delta R.T. -0.01 min
Lab File: VD064494.D
Acq: 11 Dec 2019 11:42

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.5	26.7	80.1
150	155.8	0.0	347.2

