

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121019\
 Data File : VD064489.D
 Acq On : 10 Dec 2019 17:48
 Operator : VA/SY
 Sample : K6242-05
 Misc : 5.06G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-03-9.5-10.0

Quant Time: Dec 11 01:15:25 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	426349	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	654278	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	602403	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	293621	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	167372	43.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.74%	
35) Dibromofluoromethane	7.92	113	195496	47.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.84%	
50) Toluene-d8	10.34	98	782795	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	
62) 4-Bromofluorobenzene	12.64	95	255015	51.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.20%	

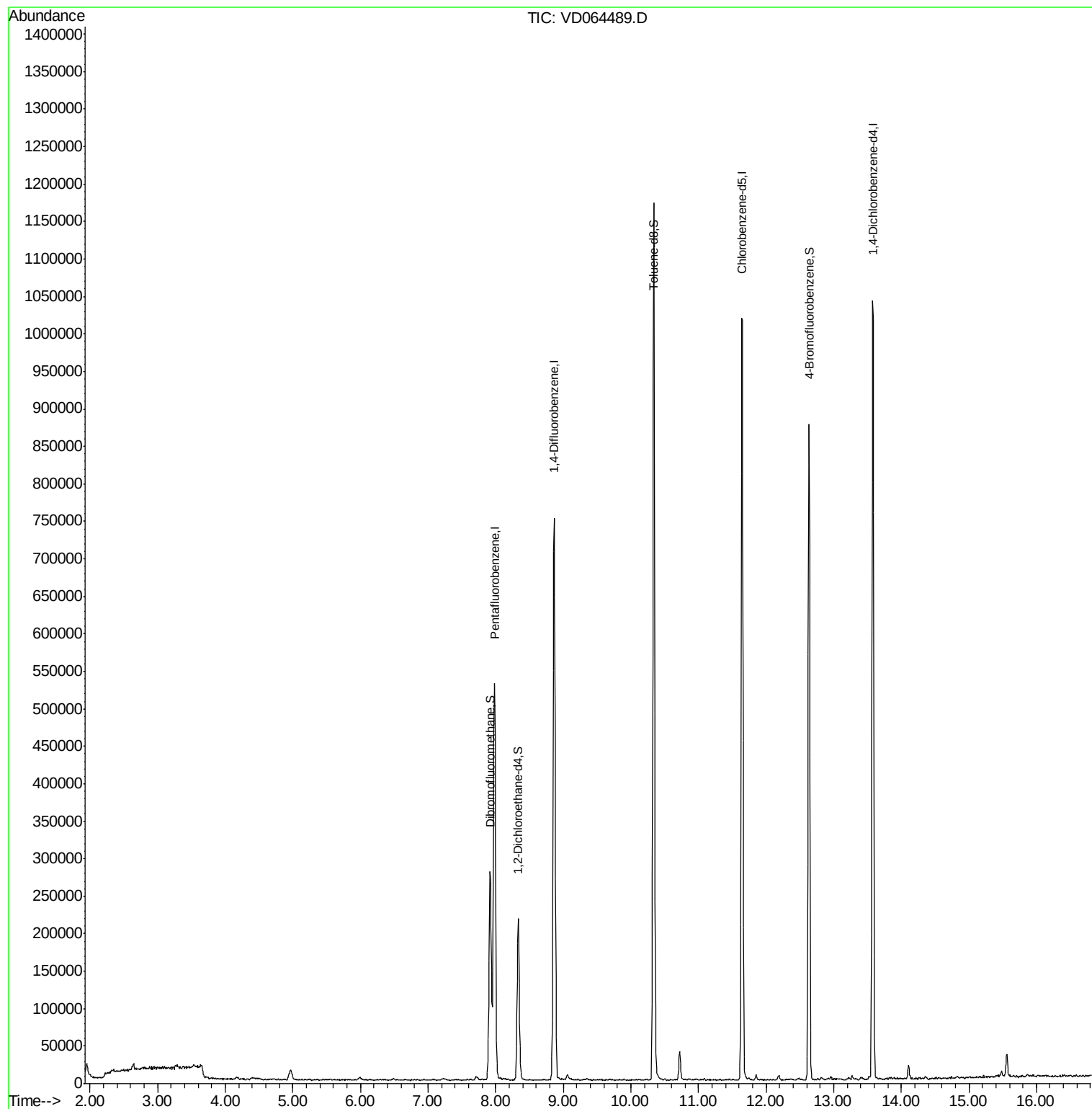
Target Compounds	Qvalue

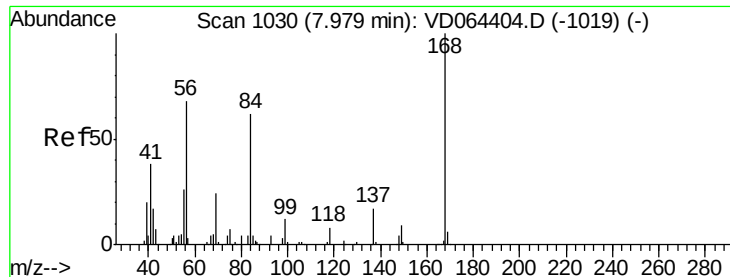
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064489.D

Acq: 10 Dec 2019 17:48

Instrument :

MSVOA_D

ClientSampleId :

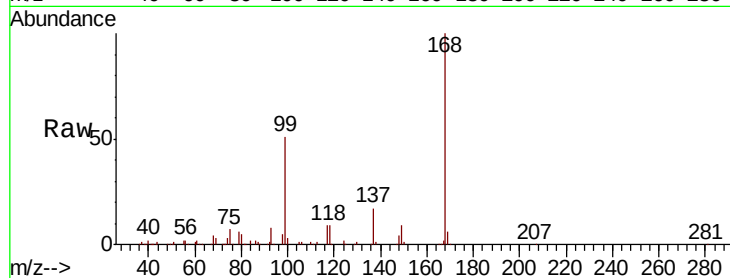
SB-03-9.5-10.0

Tot Ion:168 Resp: 426349

Ion Ratio Lower Upper

168 100

99 51.0 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

200000

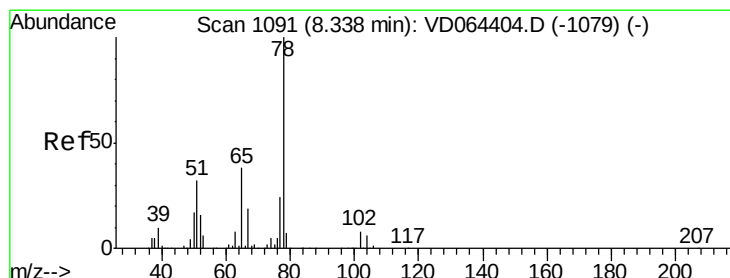
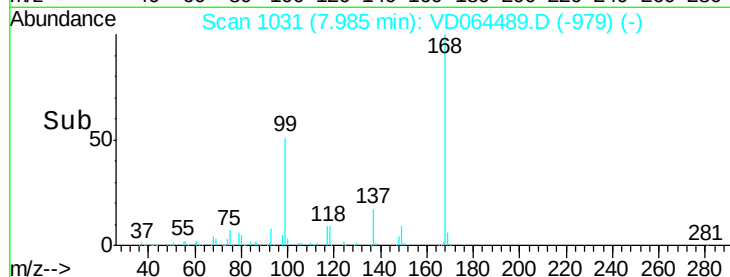
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 43.371 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064489.D

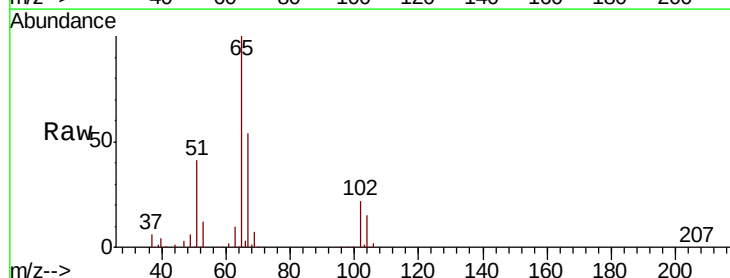
Acq: 10 Dec 2019 17:48

Tgt Ion: 65 Resp: 167372

Ion Ratio Lower Upper

65 100

67 52.3 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

80000

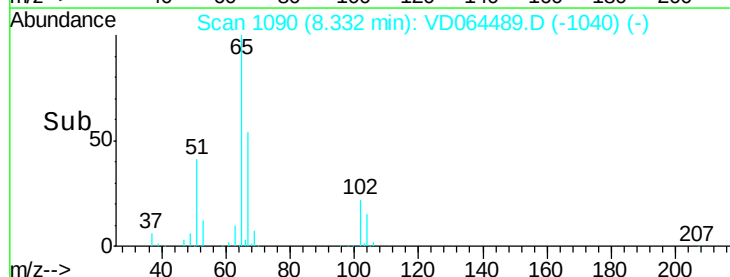
60000

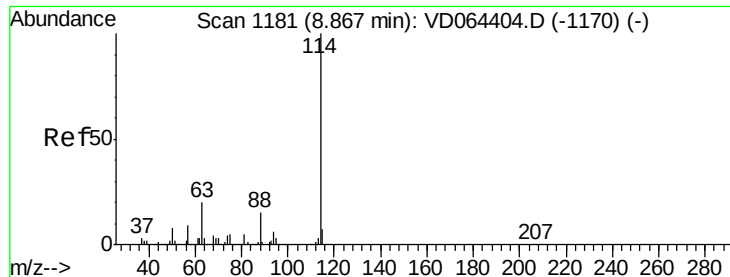
40000

20000

0

Time-->

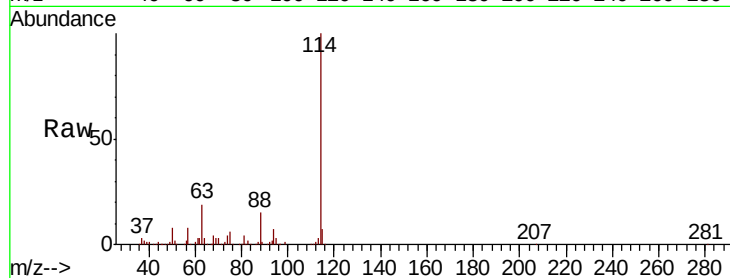




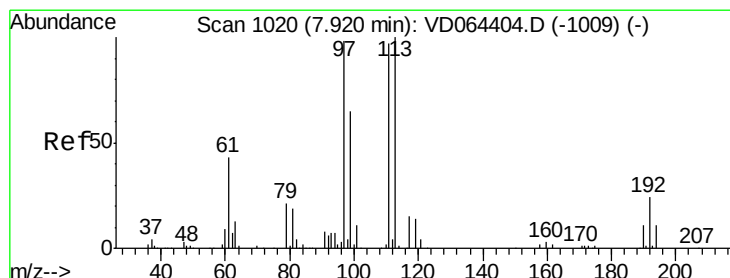
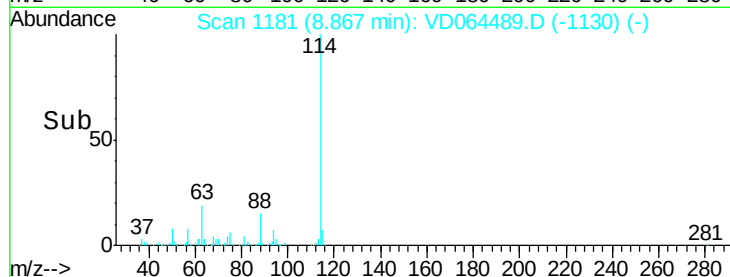
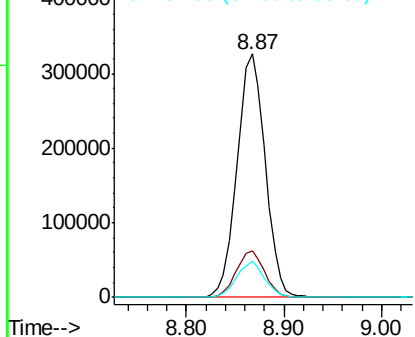
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD064489.D
Acq: 10 Dec 2019 17:48

Instrument :
MSVOA_D
ClientSampleId :
SB-03-9.5-10.0

Tot Ion:114 Resp: 654278
Ion Ratio Lower Upper
114 100
63 18.9 0.0 40.0
88 15.1 0.0 29.2

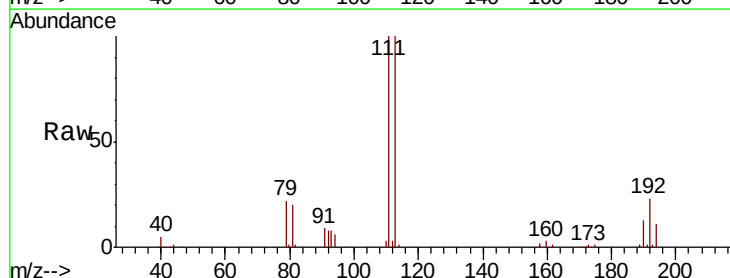


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

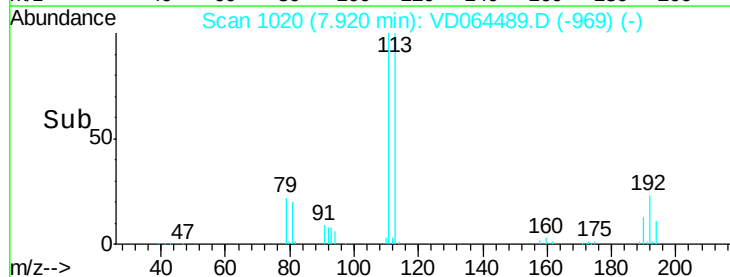
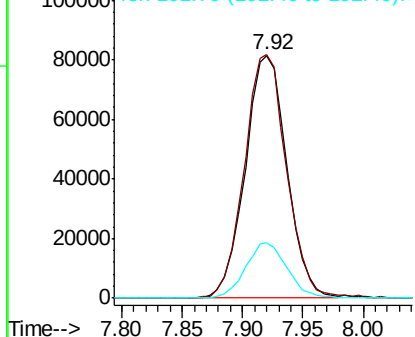


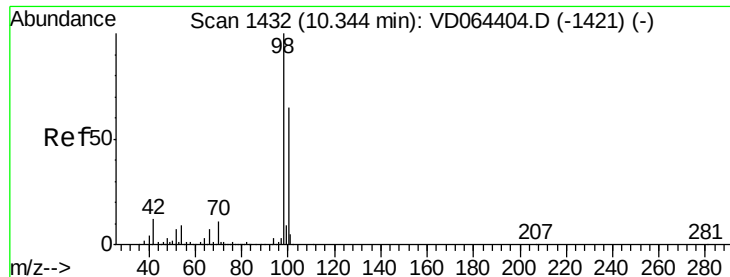
#35
Dibromofluoromethane
Concen: 47.424 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD064489.D
Acq: 10 Dec 2019 17:48

Tgt Ion:113 Resp: 195496
Ion Ratio Lower Upper
113 100
111 101.7 79.4 119.2
192 22.6 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: 50.411 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VD064489.D

Acq: 10 Dec 2019 17:48

Instrument :

MSVOA_D

ClientSampleId :

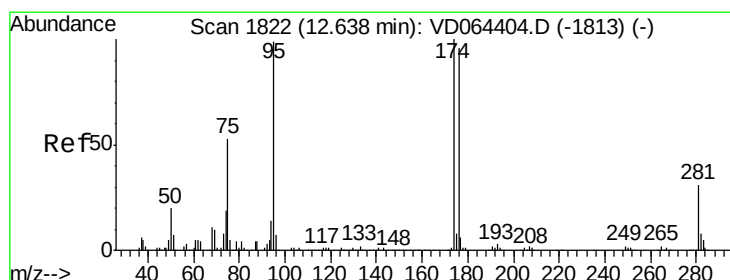
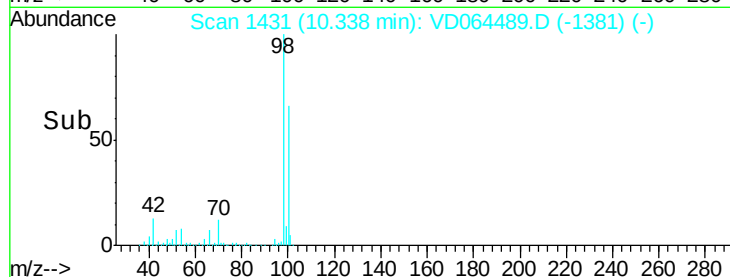
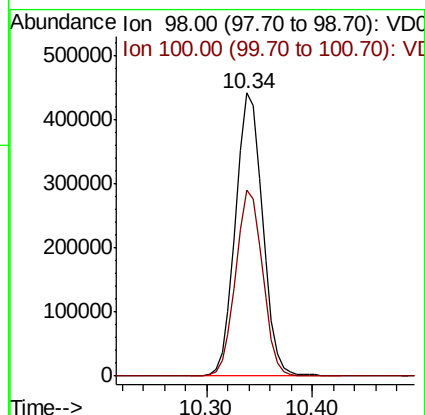
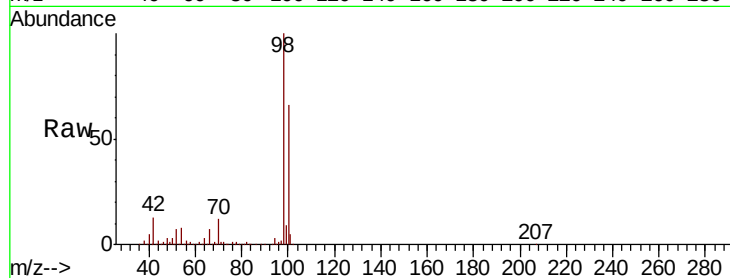
SB-03-9.5-10.0

Tot Ion: 98 Resp: 782795

Ion Ratio Lower Upper

98 100

100 65.6 52.6 79.0



#62

4-Bromofluorobenzene

Concen: 51.102 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064489.D

Acq: 10 Dec 2019 17:48

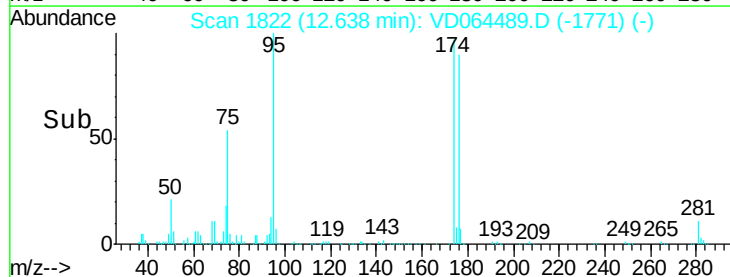
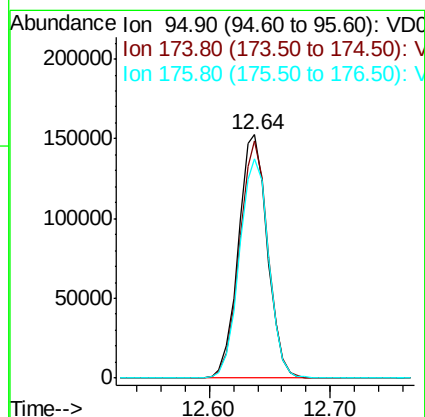
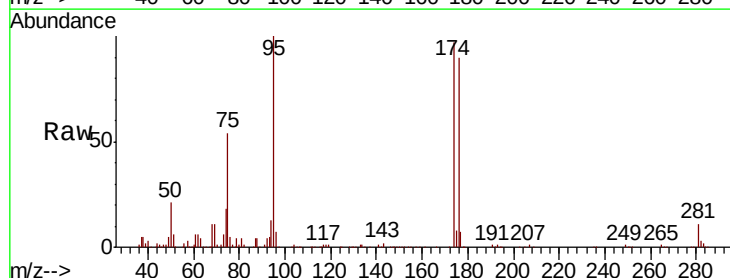
Tgt Ion: 95 Resp: 255015

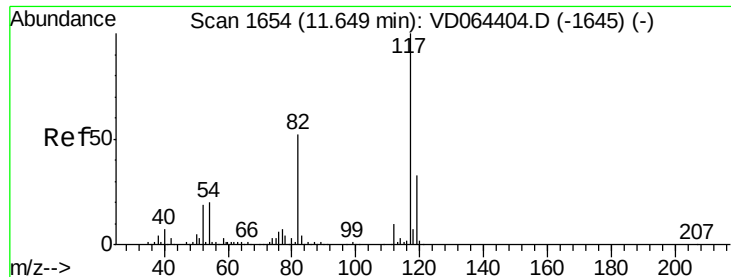
Ion Ratio Lower Upper

95 100

174 95.6 0.0 197.2

176 91.2 0.0 189.6

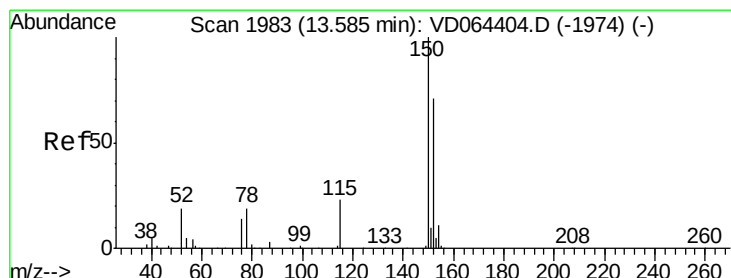
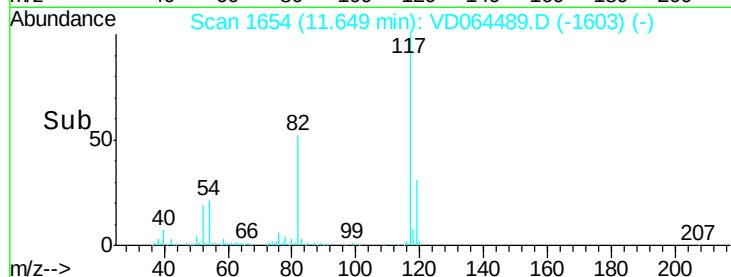
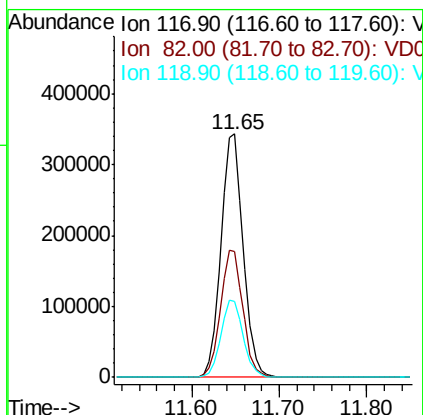
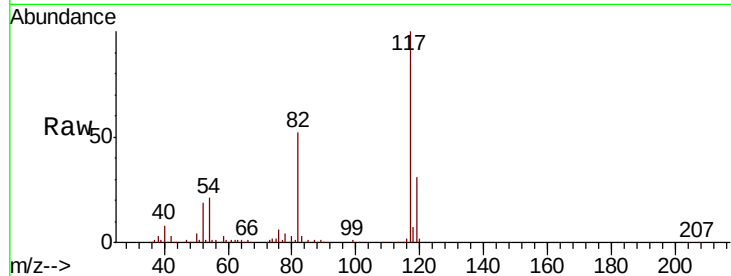




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064489.D
Acq: 10 Dec 2019 17:48

Instrument :
MSVOA_D
ClientSampleId :
SB-03-9.5-10.0

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.5	41.4	62.2
119	30.9	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: VD064489.D
Acq: 10 Dec 2019 17:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.8	26.7	80.1
150	154.5	0.0	347.2

