

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121019\
 Data File : VD064487.D
 Acq On : 10 Dec 2019 16:50
 Operator : VA/SY
 Sample : K6242-01
 Misc : 5.01G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-01-10.5-11.0

Quant Time: Dec 11 01:10:07 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	455934	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	687350	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	630037	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	305442	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	170726	41.37	ug/l	0.00
Spiked Amount			Recovery	=	82.74%	
35) Dibromofluoromethane	7.91	113	201167	46.45	ug/l	0.00
Spiked Amount			Recovery	=	92.90%	
50) Toluene-d8	10.34	98	825406	50.60	ug/l	0.00
Spiked Amount			Recovery	=	101.20%	
62) 4-Bromofluorobenzene	12.64	95	265558	50.65	ug/l	0.00
Spiked Amount			Recovery	=	101.30%	

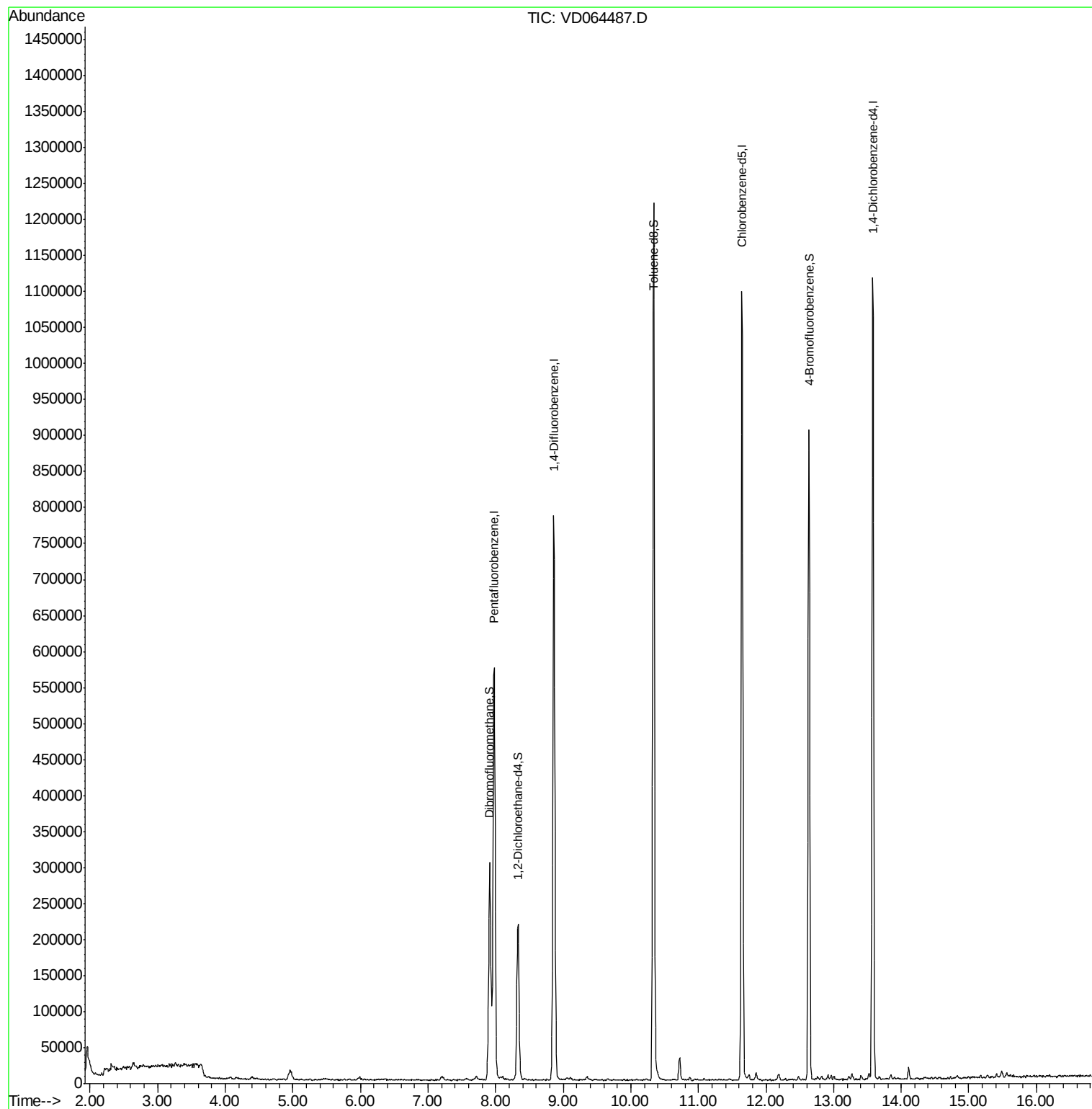
Target Compounds	Qvalue
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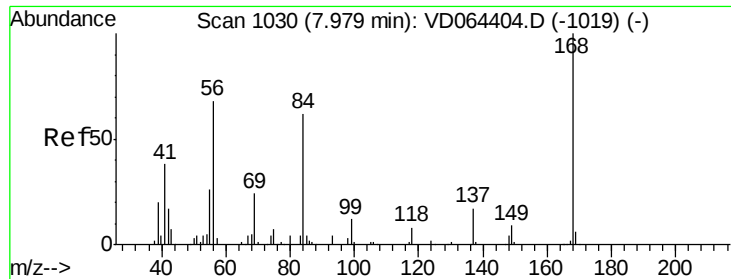
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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: VD064487.D

Acq: 10 Dec 2019 16:50

Instrument :

MSVOA_D

ClientSampleId :

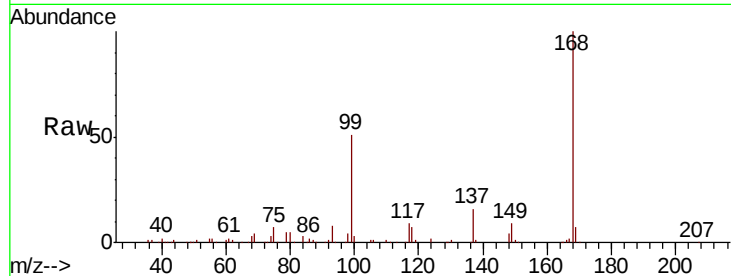
SB-01-10.5-11.0

Tot Ion:168 Resp: 455934

Ion Ratio Lower Upper

168 100

99 50.9 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

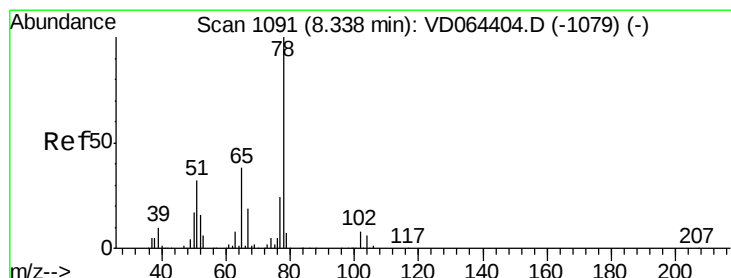
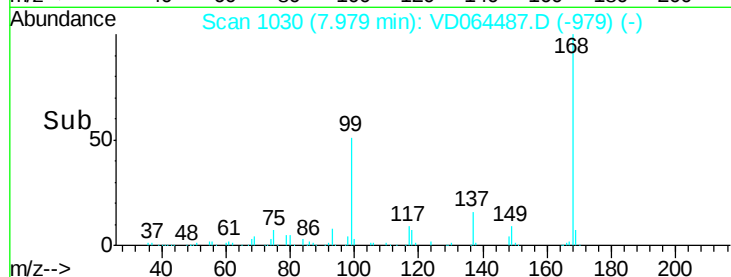
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 41.369 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064487.D

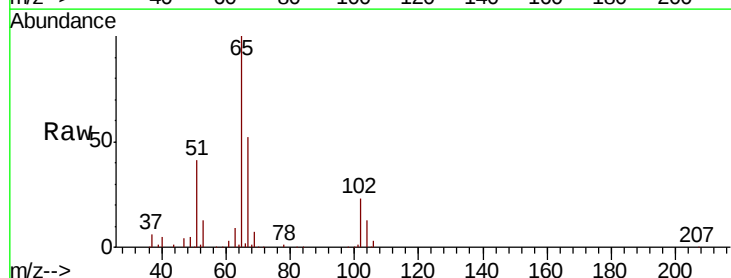
Acq: 10 Dec 2019 16:50

Tgt Ion: 65 Resp: 170726

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

8.33

80000

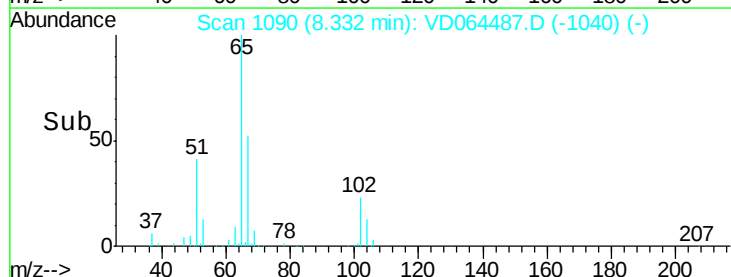
60000

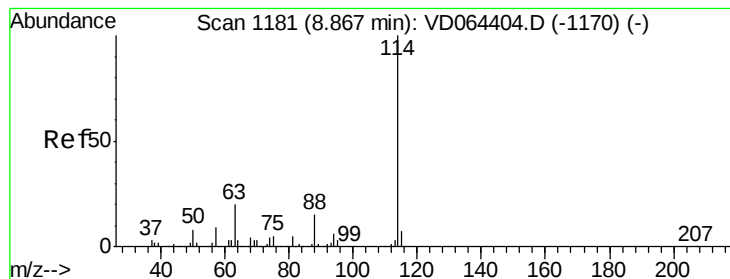
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VD064487.D

Acq: 10 Dec 2019 16:50

Instrument :

MSVOA_D

ClientSampleId :

SB-01-10.5-11.0

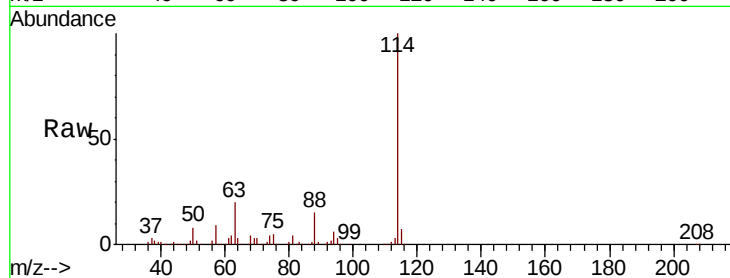
Tot Ion:114 Resp: 687350

Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.0

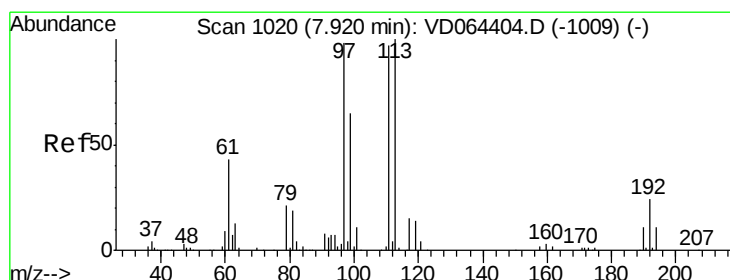
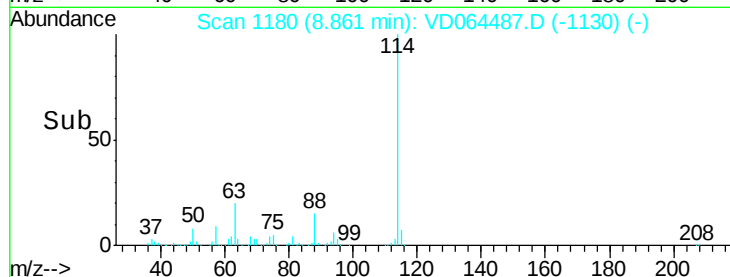
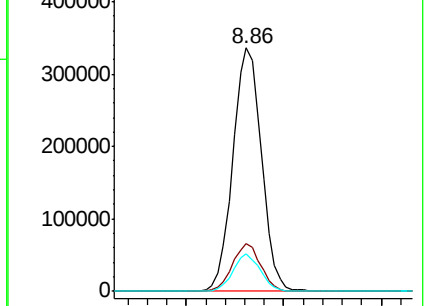
88 15.2 0.0 29.2



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: 46.452 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.01 min

Lab File: VD064487.D

Acq: 10 Dec 2019 16:50

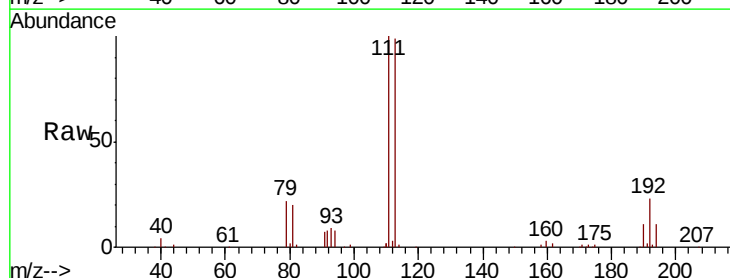
Tgt Ion:113 Resp: 201167

Ion Ratio Lower Upper

113 100

111 103.8 79.4 119.2

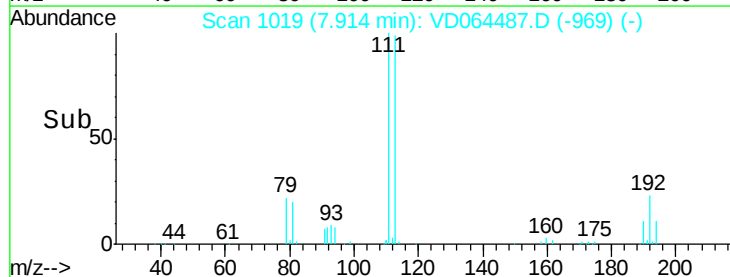
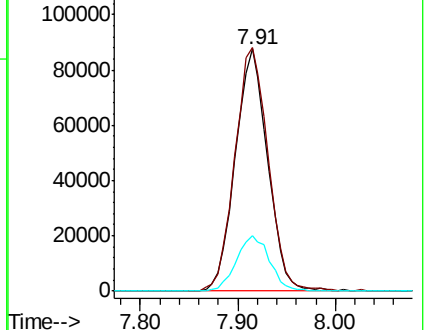
192 23.5 18.6 28.0

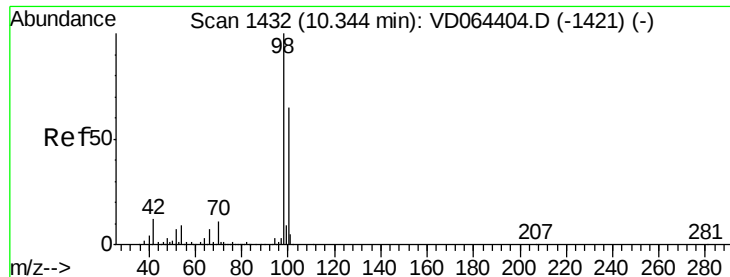


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.598 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VD064487.D

Acq: 10 Dec 2019 16:50

Instrument :

MSVOA_D

ClientSampleId :

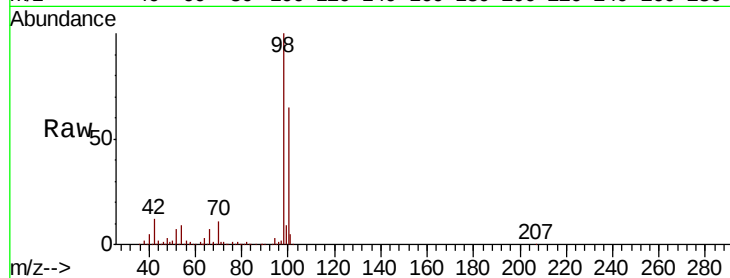
SB-01-10.5-11.0

Tot Ion: 98 Resp: 825406

Ion Ratio Lower Upper

98 100

100 64.9 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VD064404.D (-1421) (-)

Ion 100.00 (99.70 to 100.70): VD064404.D (-1421) (-)

10.34

500000

400000

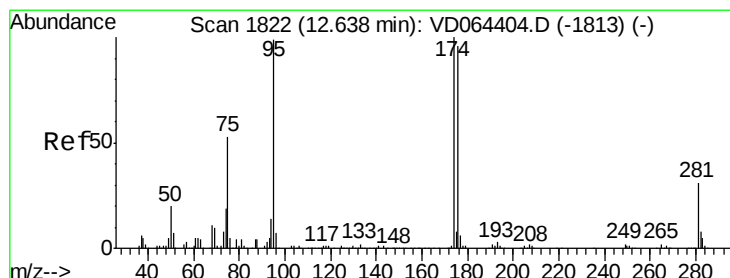
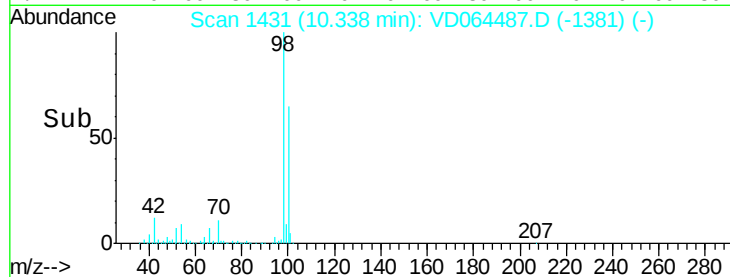
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.654 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064487.D

Acq: 10 Dec 2019 16:50

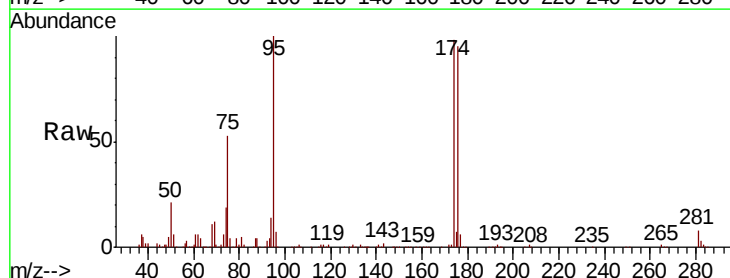
Tgt Ion: 95 Resp: 265558

Ion Ratio Lower Upper

95 100

174 95.2 0.0 197.2

176 93.3 0.0 189.6



Abundance Ion 94.90 (94.60 to 95.60): VD064404.D (-1813) (-)

Ion 173.80 (173.50 to 174.50): VD064404.D (-1813) (-)

Ion 175.80 (175.50 to 176.50): VD064404.D (-1813) (-)

12.64

200000

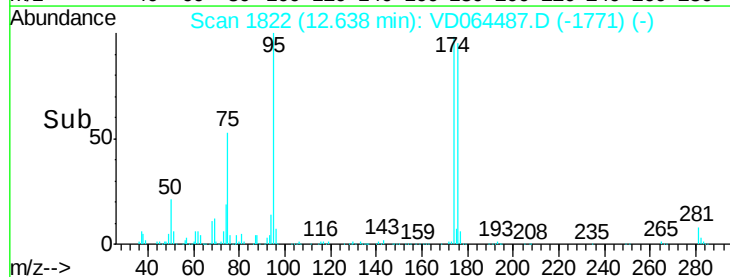
150000

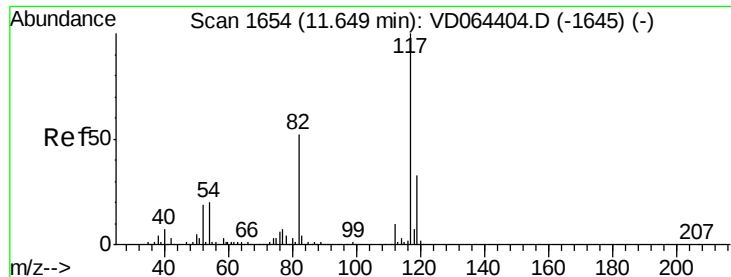
100000

50000

0

Time-->

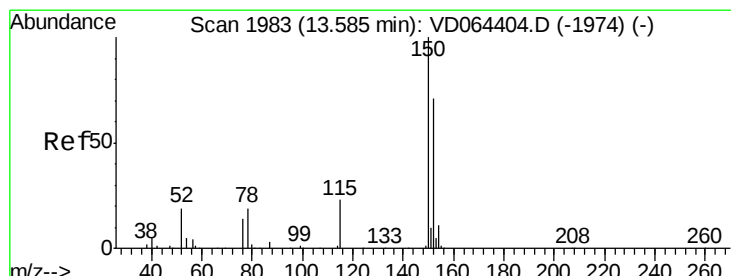
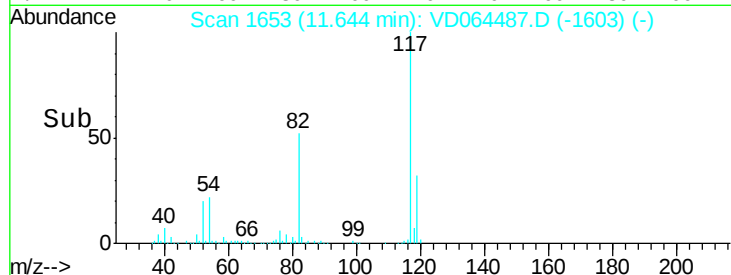
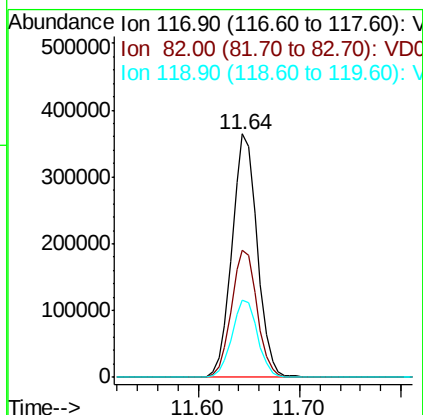
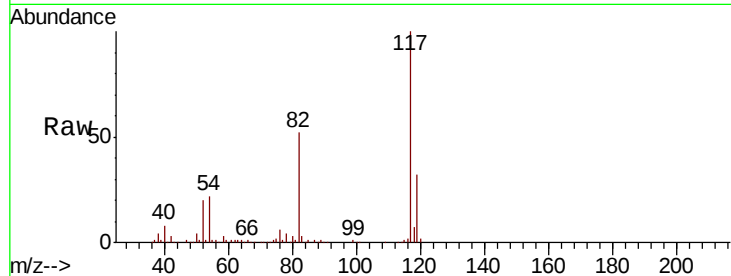




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.01 min
Lab File: VD064487.D
Acq: 10 Dec 2019 16:50

Instrument :
MSVOA_D
ClientSampleId :
SB-01-10.5-11.0

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.4	41.4	62.2
119	31.9	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: VD064487.D
Acq: 10 Dec 2019 16:50

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.9	26.7	80.1
150	158.2	0.0	347.2

