

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081820\
 Data File : VD066284.D
 Acq On : 18 Aug 2020 18:04
 Operator : VA/SY
 Sample : L3700-02
 Misc : 7.51G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S406-K-SO-1-1.5-081420

Quant Time: Aug 19 07:14:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	227939	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	345409	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	305599	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	131281	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	109340	53.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.54%	
35) Dibromofluoromethane	7.91	113	108238	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	
50) Toluene-d8	10.33	98	357395	44.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.52%	
62) 4-Bromofluorobenzene	12.63	95	113707	39.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.14%	

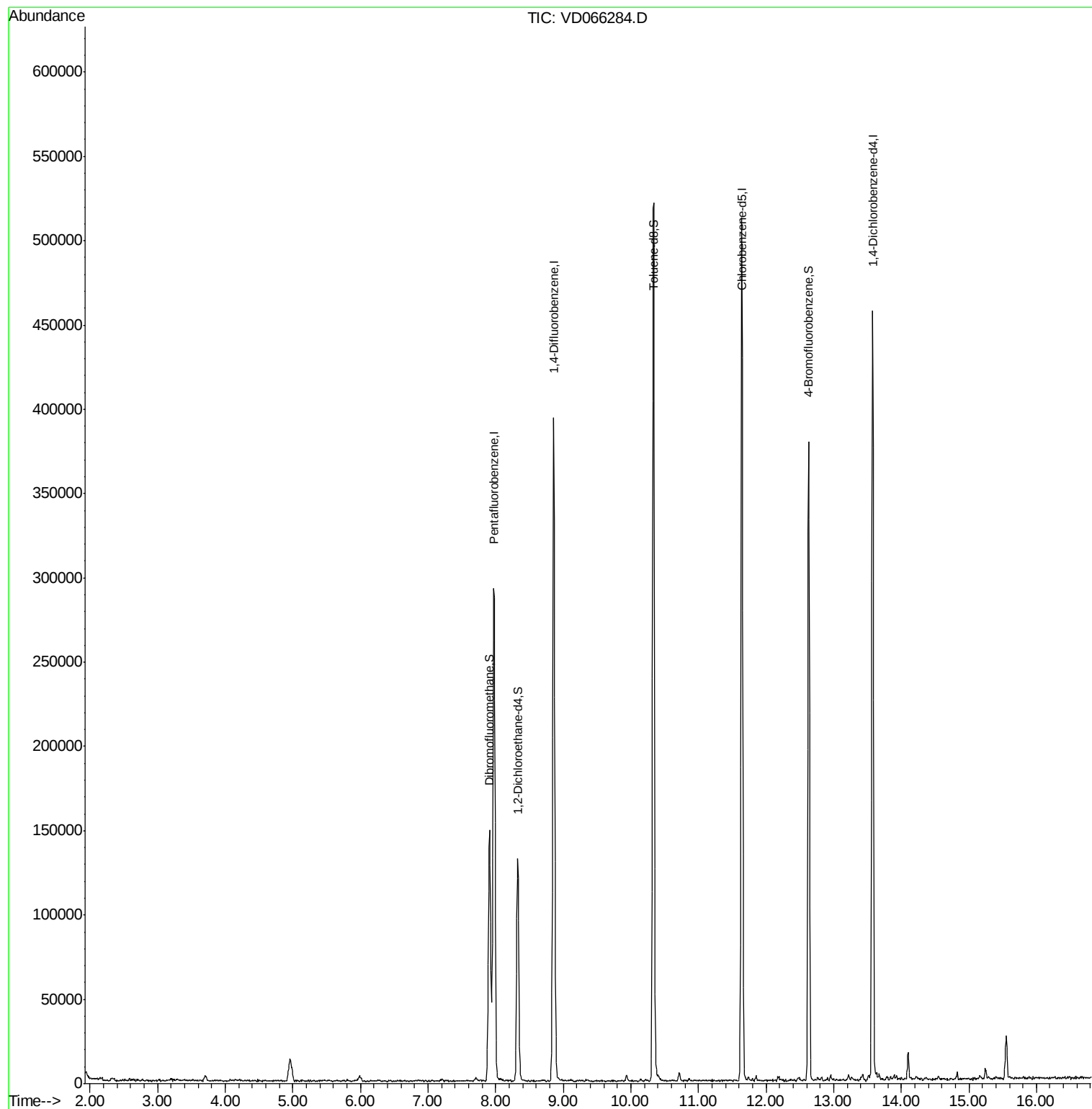
Target Compounds	Qvalue

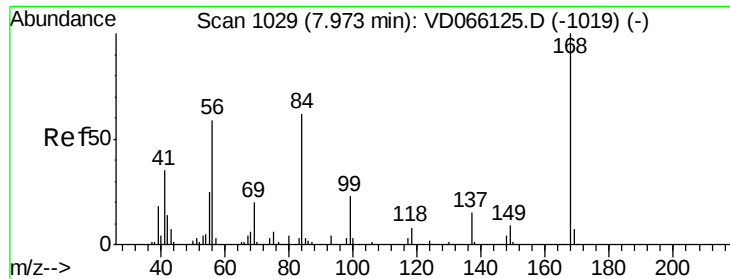
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066284.D

Acq: 18 Aug 2020 18:04

Instrument :

MSVOA_D

ClientSampleId :

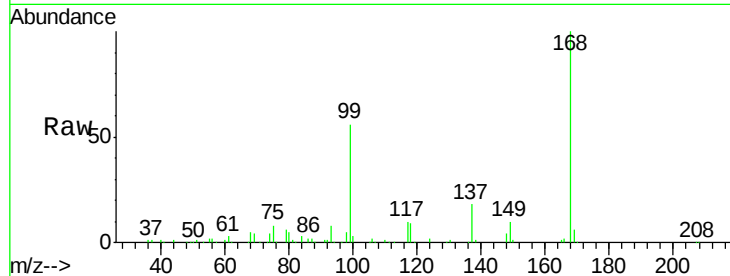
S406-K-SO-1-1.5-081420

Tot Ion:168 Resp: 227939

Ion Ratio Lower Upper

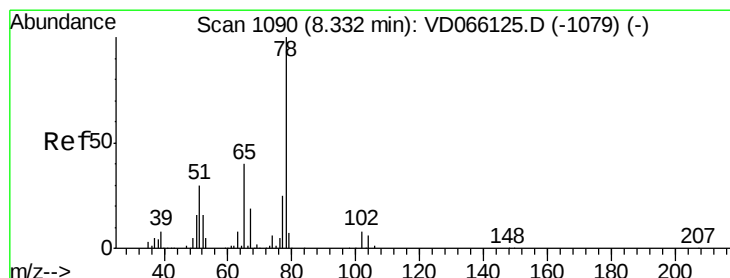
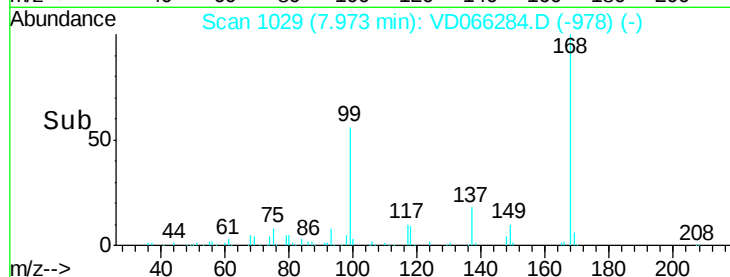
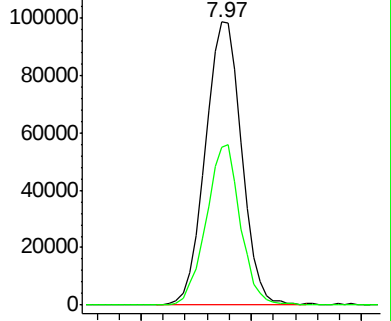
168 100

99 55.7 42.2 63.4



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: 53.768 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066284.D

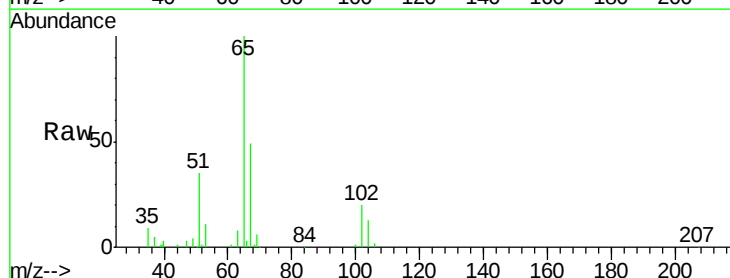
Acq: 18 Aug 2020 18:04

Tgt Ion: 65 Resp: 109340

Ion Ratio Lower Upper

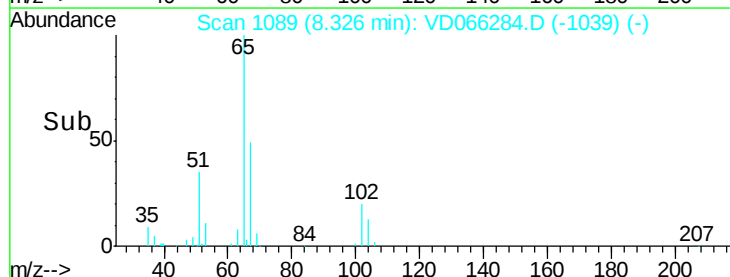
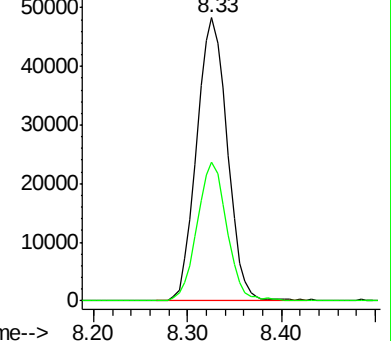
65 100

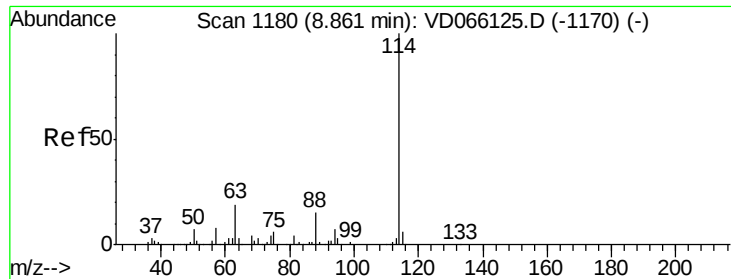
67 47.7 0.0 104.6



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: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD066284.D

Acq: 18 Aug 2020 18:04

Instrument :

MSVOA_D

ClientSampleId :

S406-K-SO-1-1.5-081420

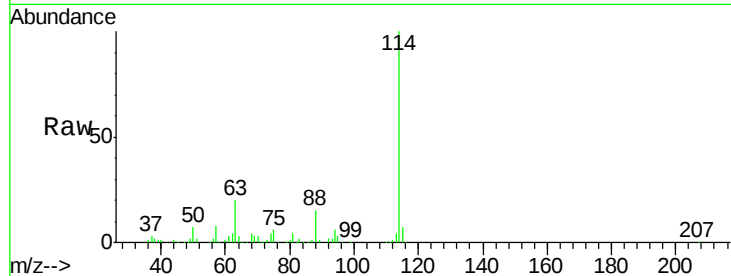
Tot Ion:114 Resp: 345409

Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.6

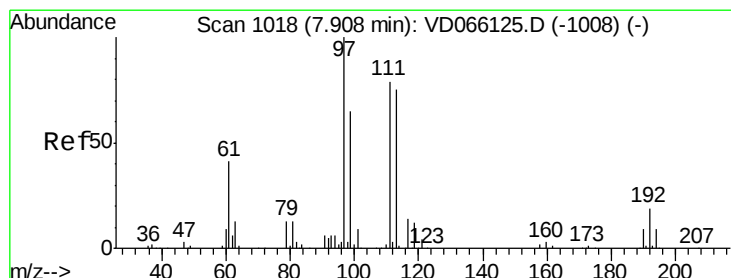
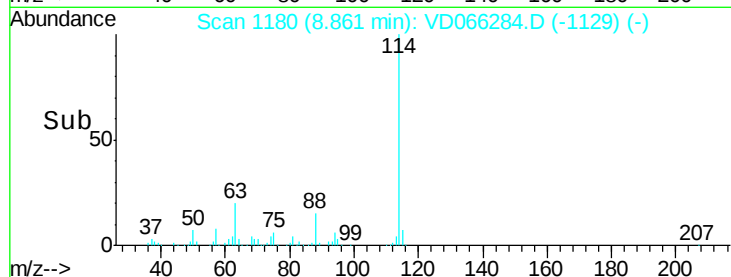
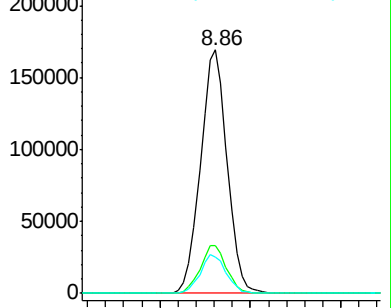
88 14.8 0.0 30.0



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: 49.466 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VD066284.D

Acq: 18 Aug 2020 18:04

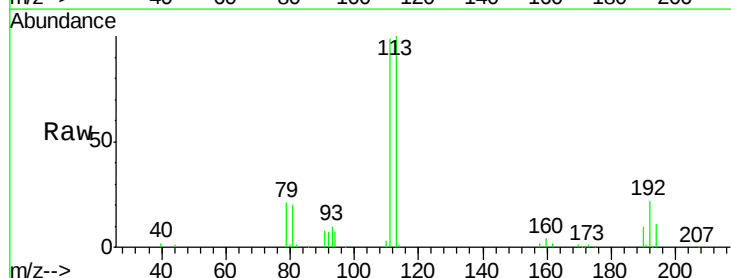
Tgt Ion:113 Resp: 108238

Ion Ratio Lower Upper

113 100

111 101.7 80.7 121.1

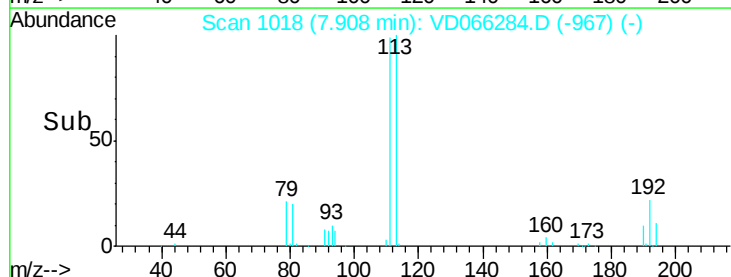
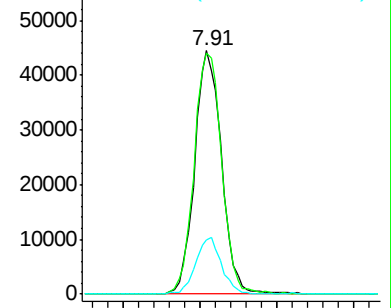
192 22.1 18.4 27.6

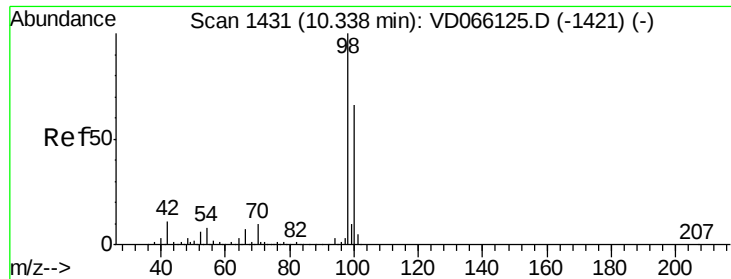


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 44.261 ug/l

RT: 10.33 min Scan# 1430

Delta R.T. -0.01 min

Lab File: VD066284.D

Acq: 18 Aug 2020 18:04

Instrument :

MSVOA_D

ClientSampleId :

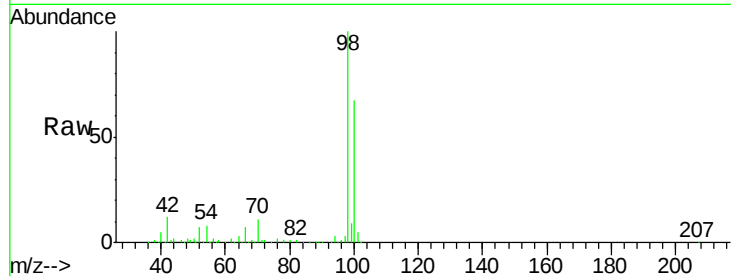
S406-K-SO-1-1.5-081420

Tot Ion: 98 Resp: 357395

Ion Ratio Lower Upper

98 100

100 66.0 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VD066125.D (-1421) (-)

Ion 100.00 (99.70 to 100.70): VD066125.D (-1421) (-)

10.33

200000

150000

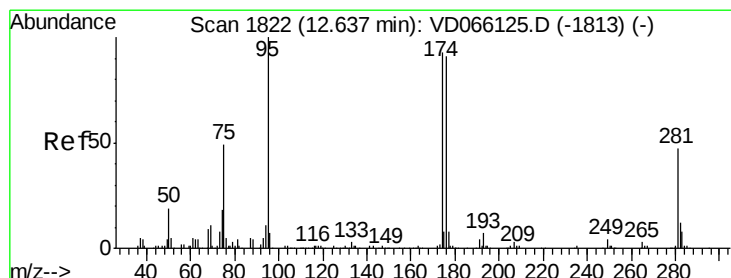
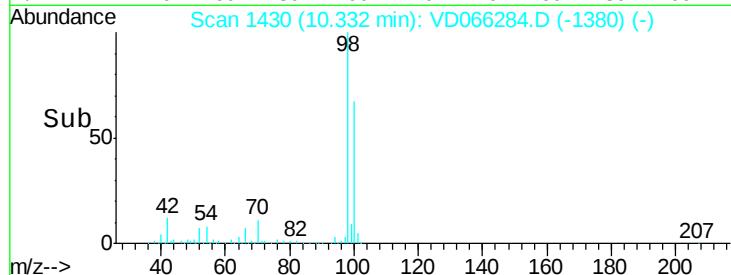
100000

50000

0

10.30 10.40

Time-->



#62

4-Bromofluorobenzene

Concen: 39.066 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD066284.D

Acq: 18 Aug 2020 18:04

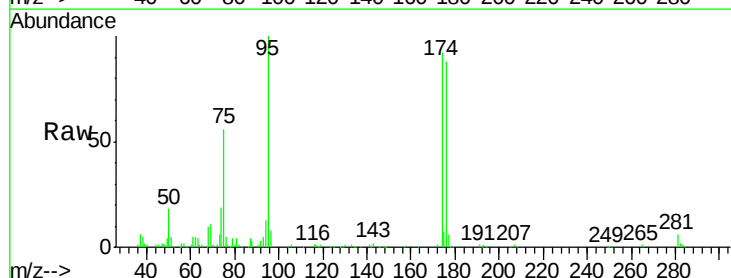
Tgt Ion: 95 Resp: 113707

Ion Ratio Lower Upper

95 100

174 92.7 0.0 180.8

176 89.2 0.0 181.2



Abundance Ion 94.90 (94.60 to 95.60): VD066125.D (-1813) (-)

Ion 173.80 (173.50 to 174.50): VD066125.D (-1813) (-)

Ion 175.80 (175.50 to 176.50): VD066125.D (-1813) (-)

12.63

80000

60000

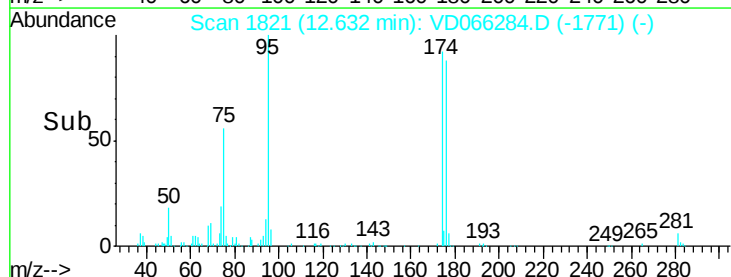
40000

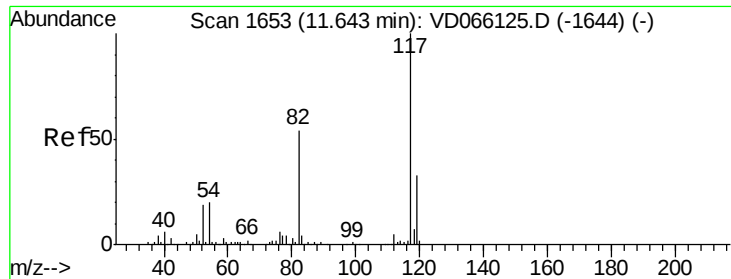
20000

0

12.60 12.70

Time-->

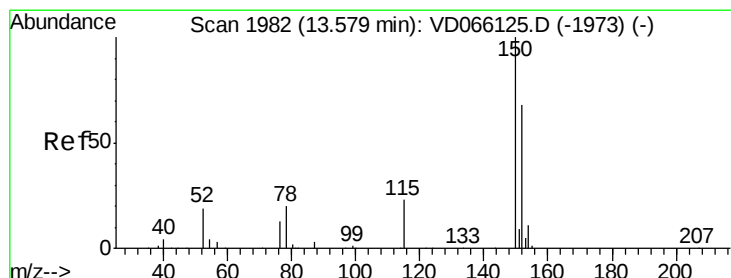
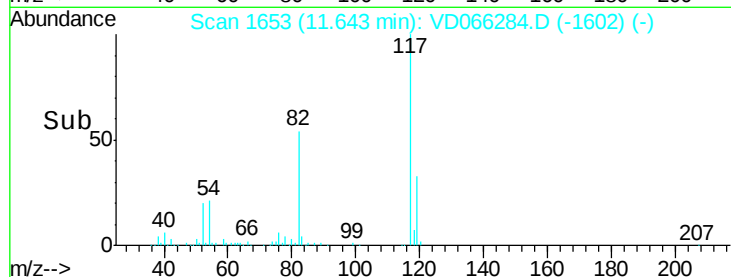
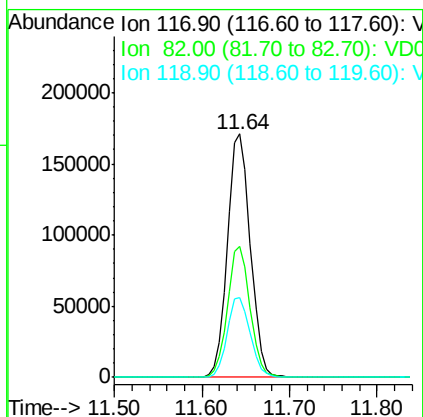
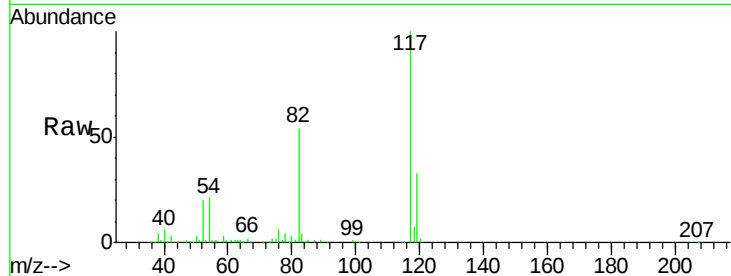




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066284.D
Acq: 18 Aug 2020 18:04

Instrument :
MSVOA_D
ClientSampleId :
S406-K-SO-1-1.5-081420

Tot Ion:117 Resp: 305599
Ion Ratio Lower Upper
117 100
82 53.7 43.0 64.4
119 32.7 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066284.D
Acq: 18 Aug 2020 18:04

Tgt Ion:152 Resp: 131281
Ion Ratio Lower Upper
152 100
115 54.1 28.0 83.9
150 155.7 0.0 346.4

