

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041320\
 Data File : VD065624.D
 Acq On : 13 Apr 2020 18:41
 Operator : VA/SY
 Sample : L2226-02
 Misc : 6.99G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-PS-01-066

Quant Time: Apr 14 04:18:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040920S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 10 01:39:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	398070	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	737986	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	803229	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	357218	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	251267	66.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	133.48%	
35) Dibromofluoromethane	7.92	113	279555	54.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.44%	
50) Toluene-d8	10.34	98	976955	51.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.78%	
62) 4-Bromofluorobenzene	12.64	95	288956	47.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.52%	

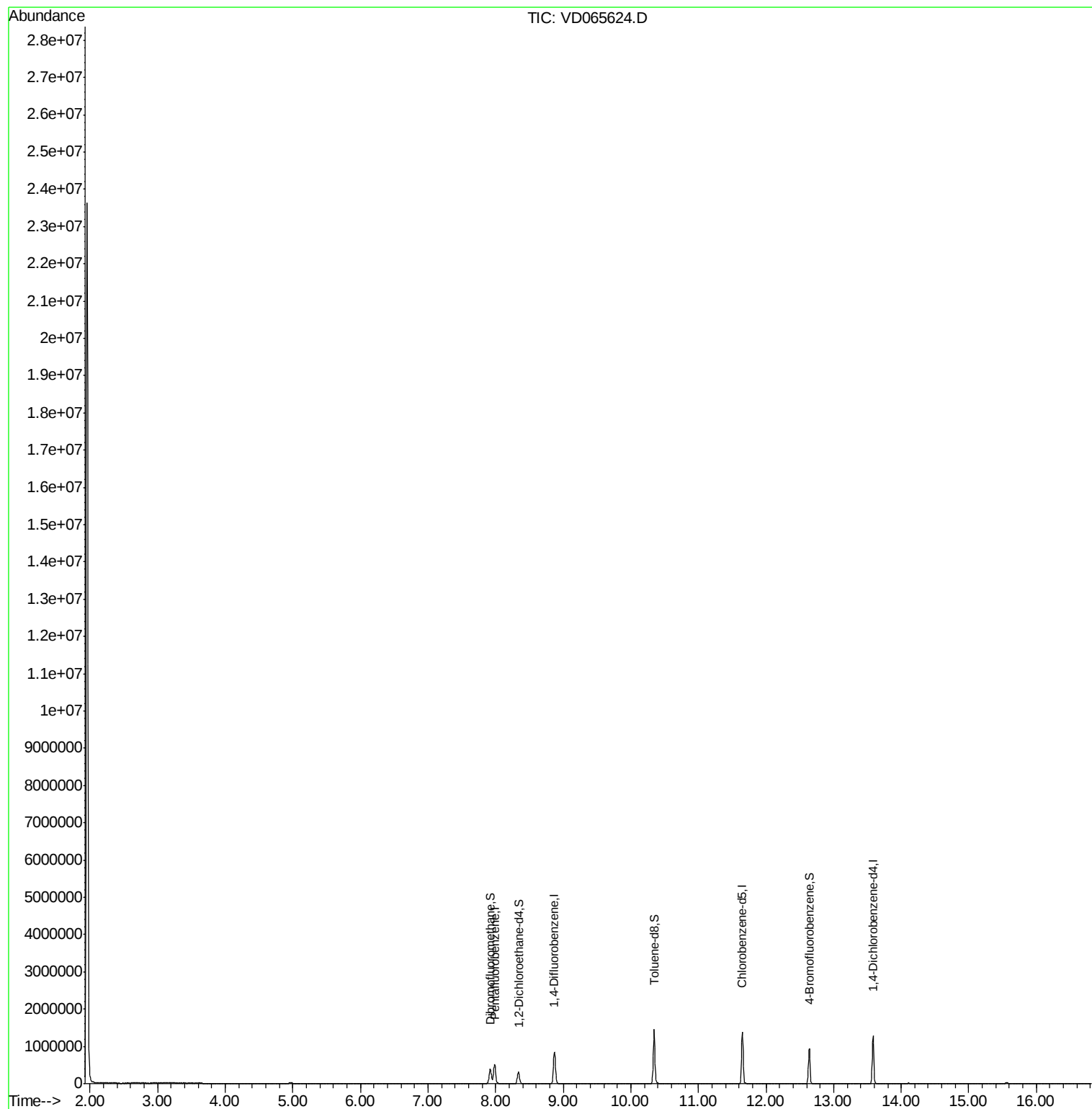
Target Compounds	Qvalue

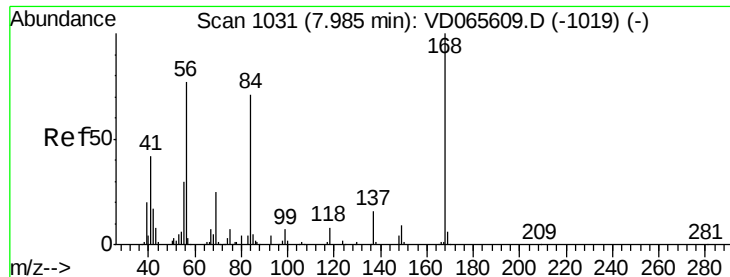
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065624.D

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Instrument :

MSVOA_D

ClientSampleId :

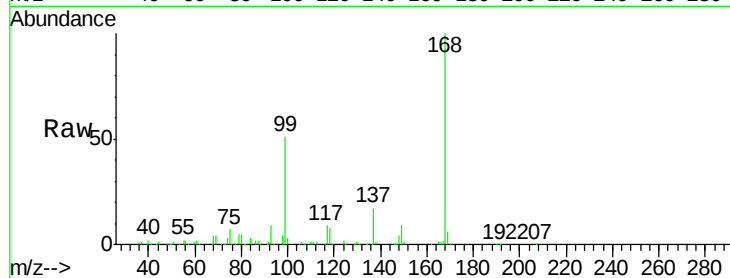
FK-PS-01-066

Tot Ion:168 Resp: 398070

Ion Ratio Lower Upper

168 100

99 50.7 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

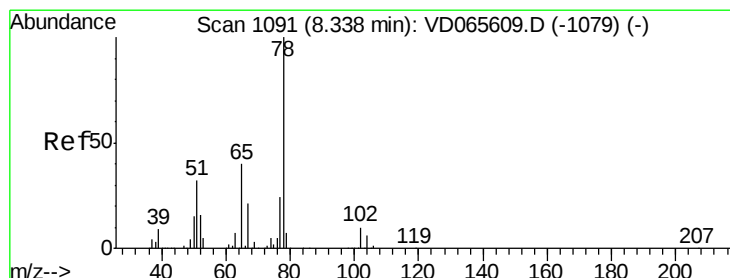
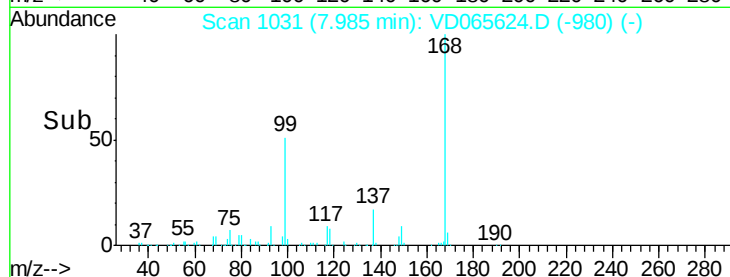
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 66.741 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD065624.D

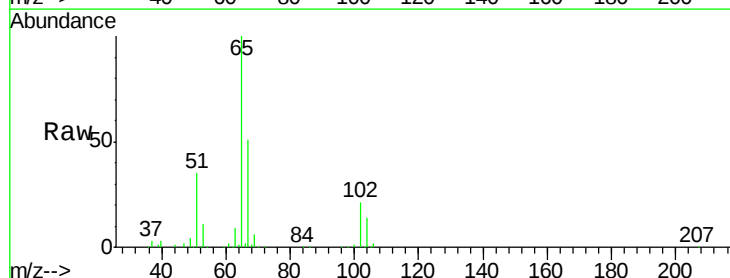
Acq: 13 Apr 2020 18:41

Tgt Ion: 65 Resp: 251267

Ion Ratio Lower Upper

65 100

67 51.2 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

120000

100000

80000

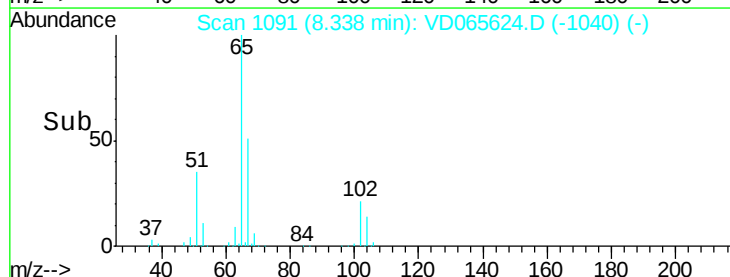
60000

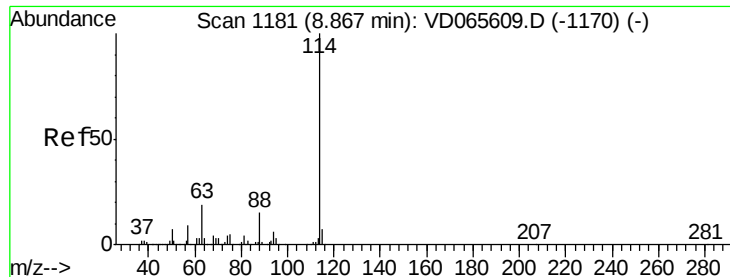
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VD065624.D

Acq: 13 Apr 2020 18:41

Instrument :

MSVOA_D

ClientSampleId :

FK-PS-01-066

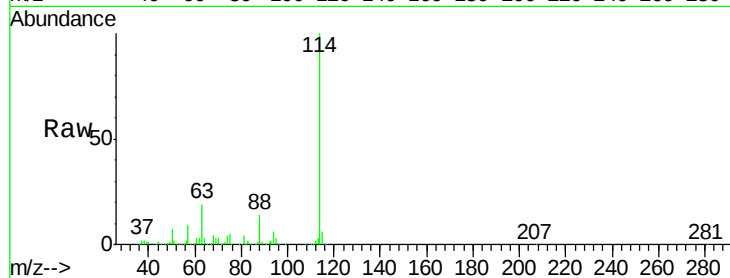
Tot Ion:114 Resp: 737986

Ion Ratio Lower Upper

114 100

63 19.1 0.0 38.2

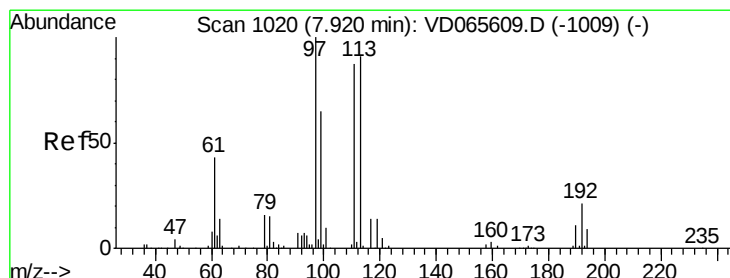
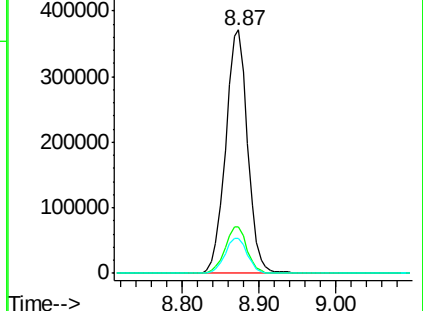
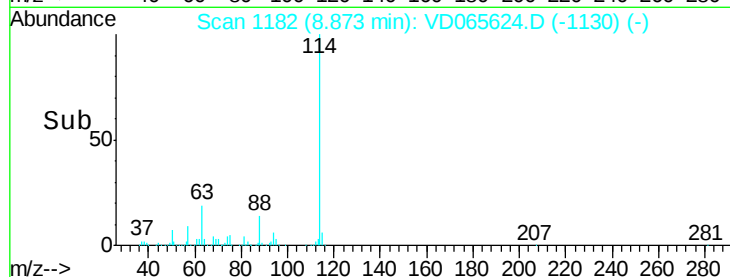
88 14.3 0.0 29.6



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: 54.222 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD065624.D

Acq: 13 Apr 2020 18:41

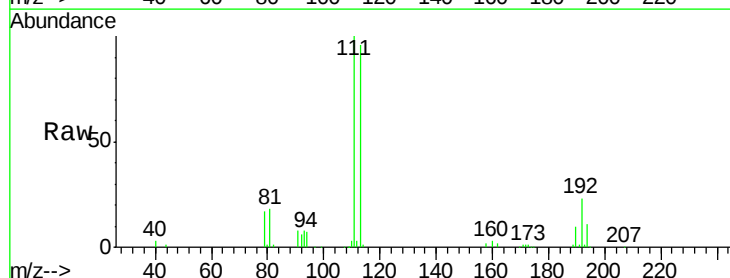
Tgt Ion:113 Resp: 279555

Ion Ratio Lower Upper

113 100

111 103.1 80.6 120.8

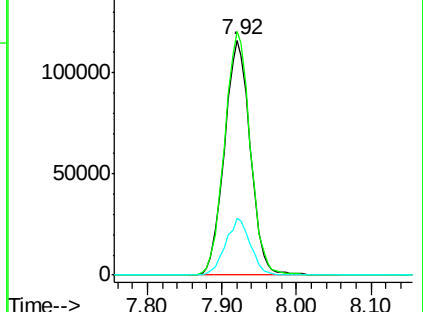
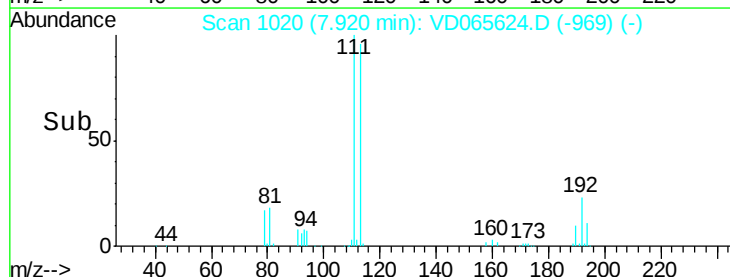
192 23.2 18.6 27.8

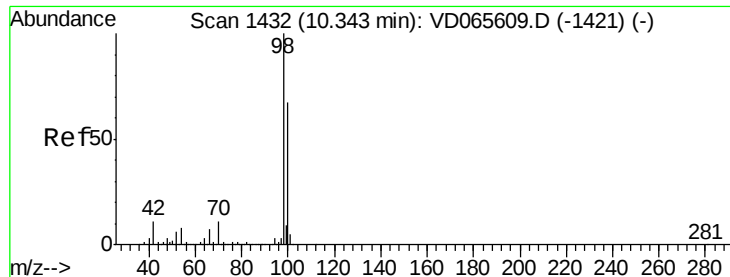


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.890 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD065624.D

Acq: 13 Apr 2020 18:41

Instrument :

MSVOA_D

ClientSampleId :

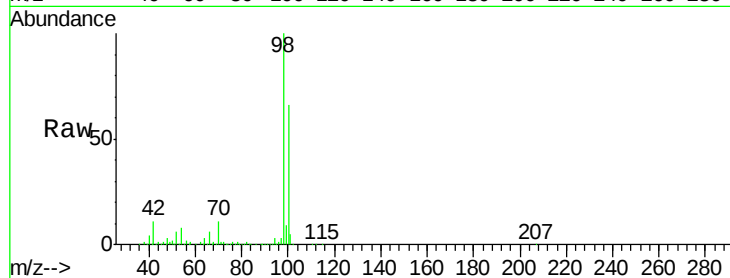
FK-PS-01-066

Tot Ion: 98 Resp: 976955

Ion Ratio Lower Upper

98 100

100 65.3 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VD065609.D (-1421) (-)

Ion 100.00 (99.70 to 100.70): VD065609.D (-1421) (-)

10.34

600000

500000

400000

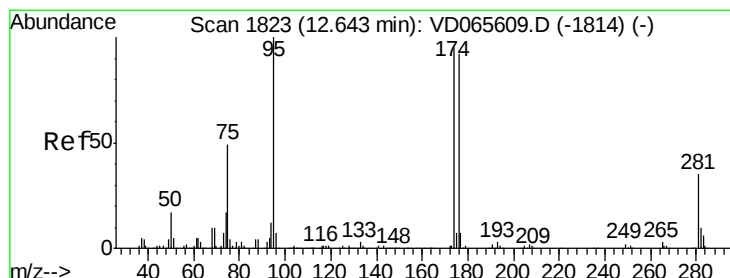
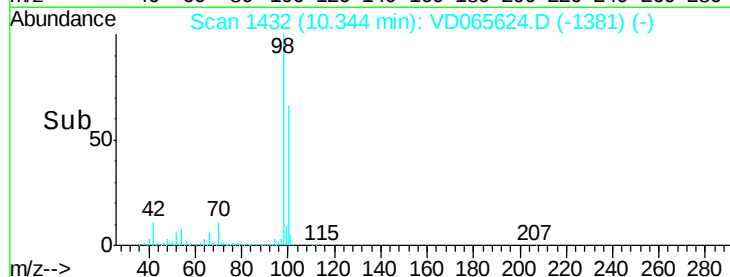
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.761 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VD065624.D

Acq: 13 Apr 2020 18:41

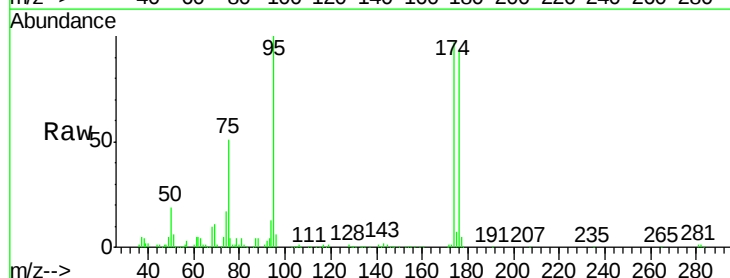
Tgt Ion: 95 Resp: 288956

Ion Ratio Lower Upper

95 100

174 93.4 0.0 182.8

176 90.6 0.0 176.6



Abundance Ion 94.90 (94.60 to 95.60): VD065609.D (-1814) (-)

Ion 173.80 (173.50 to 174.50): VD065609.D (-1814) (-)

Ion 175.80 (175.50 to 176.50): VD065609.D (-1814) (-)

12.64

200000

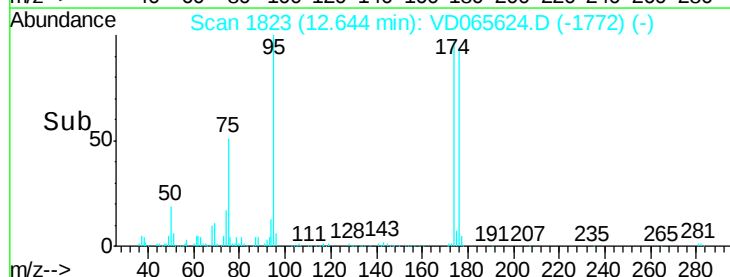
150000

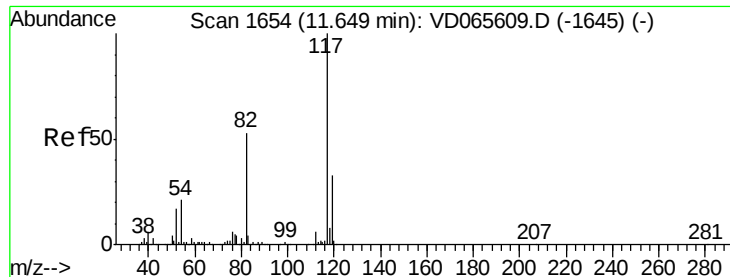
100000

50000

0

Time-->

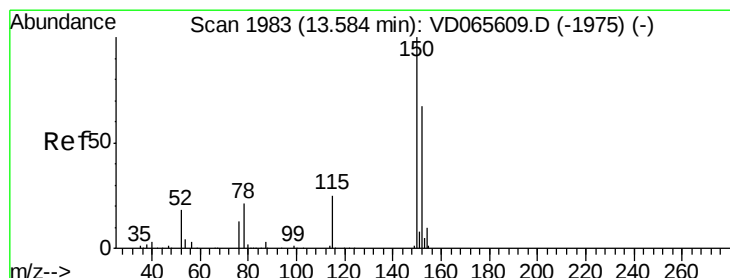
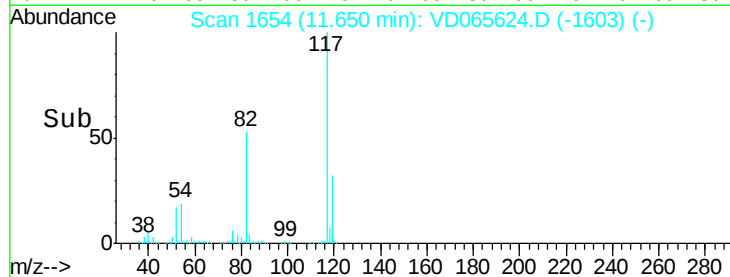
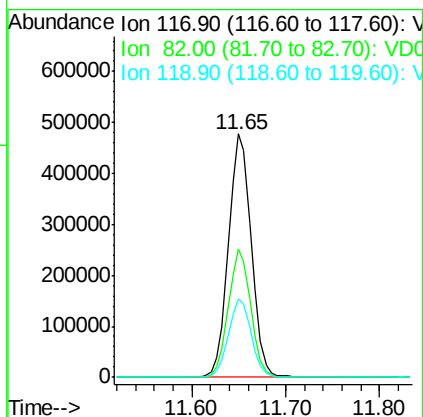
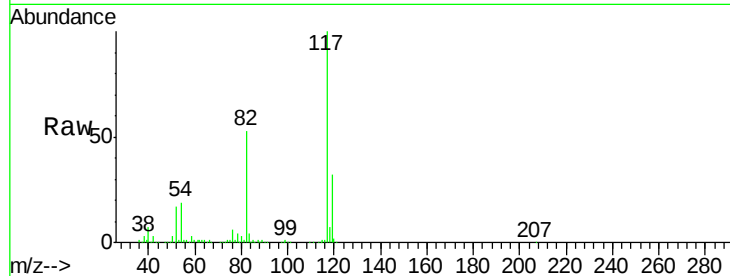




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065624.D
Acq: 13 Apr 2020 18:41

Instrument :
MSVOA_D
ClientSampleId :
FK-PS-01-066

Tot Ion:117 Resp: 803229
Ion Ratio Lower Upper
117 100
82 52.7 42.6 64.0
119 32.2 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065624.D
Acq: 13 Apr 2020 18:41

Tgt Ion:152 Resp: 357218
Ion Ratio Lower Upper
152 100
115 54.4 27.1 81.2
150 155.9 0.0 348.2

