

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061620\
 Data File : VX016810.D
 Acq On : 17 Jun 2020 04:20
 Operator : JC/SP
 Sample : L2984-04 100X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0564

Quant Time: Jun 17 07:15:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 16 02:02:35 2020
 Response via : Initial Calibration

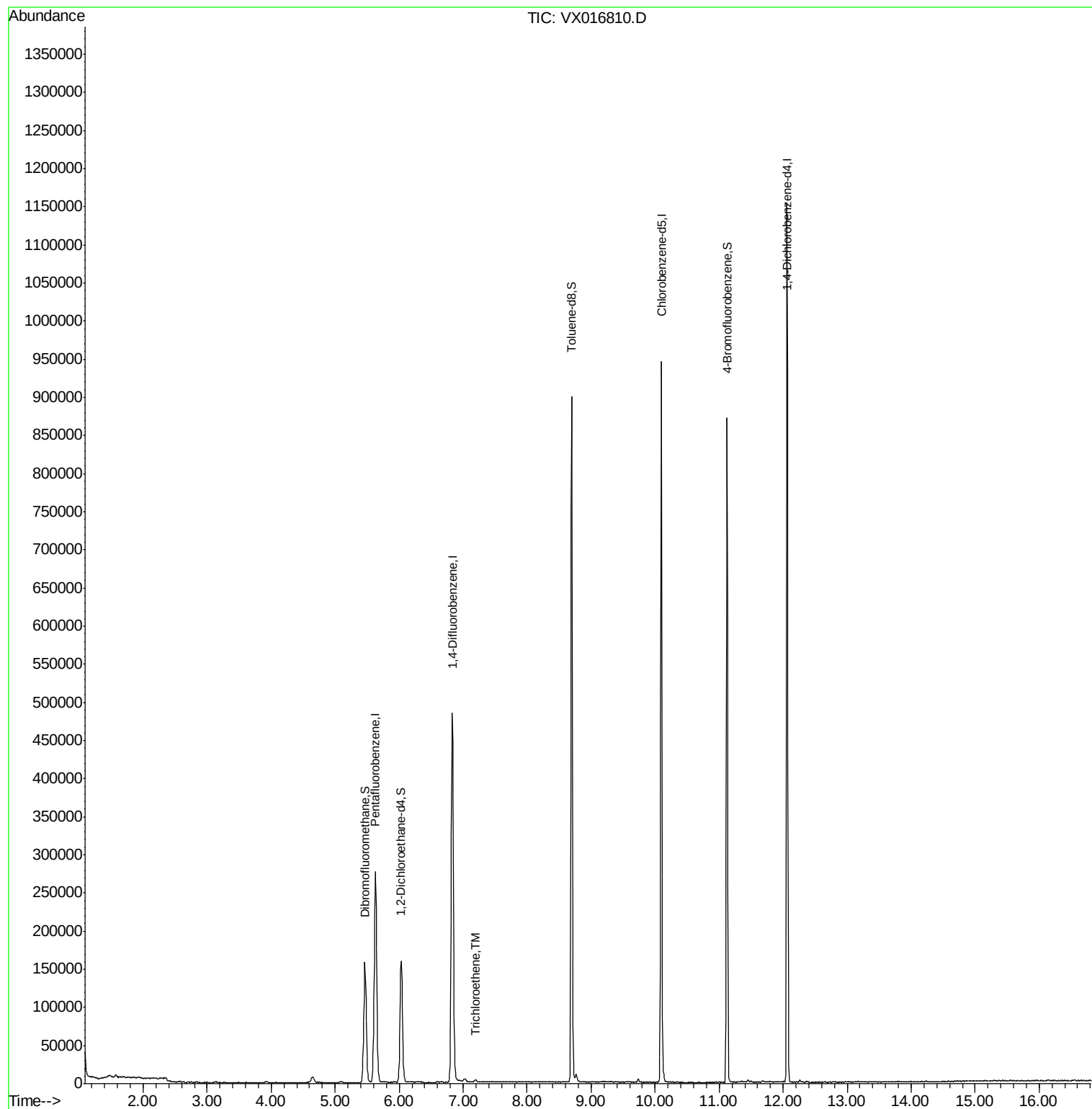
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	280558	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	505948	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	450739	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	248342	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	155455	49.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.52%	
35) Dibromofluoromethane	5.46	113	135621	43.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.90%	
50) Toluene-d8	8.70	98	543518	47.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.44%	
62) 4-Bromofluorobenzene	11.12	95	223880	50.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.70%	
Target Compounds						
44) Trichloroethene	7.18	130	1305	0.310	ug/l	Qvalue 88

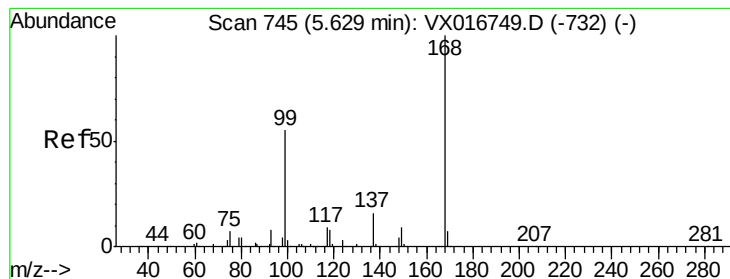
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016810.D

Acq: 17 Jun 2020 04:20

Instrument :

MSVOA_X

ClientSampleId :

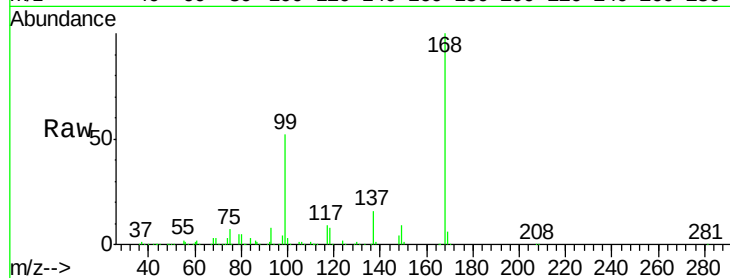
S49-0564

Tot Ion:168 Resp: 280558

Ion Ratio Lower Upper

168 100

99 52.0 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

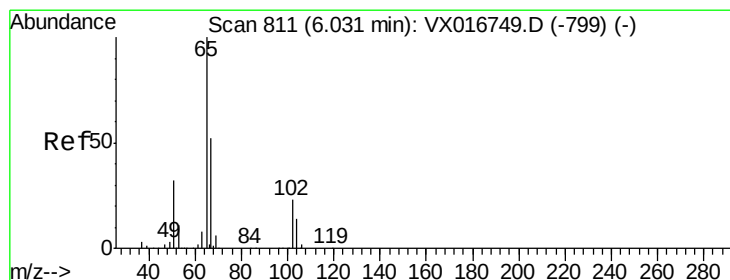
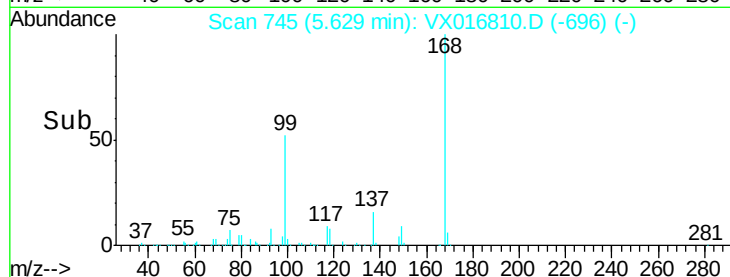
40000

20000

0

5.50 5.60 5.70

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.264 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016810.D

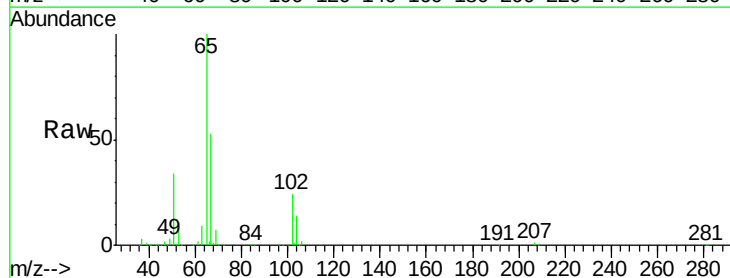
Acq: 17 Jun 2020 04:20

Tgt Ion: 65 Resp: 155455

Ion Ratio Lower Upper

65 100

67 53.4 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

60000

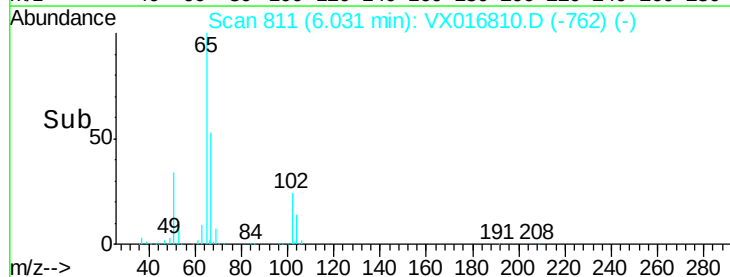
40000

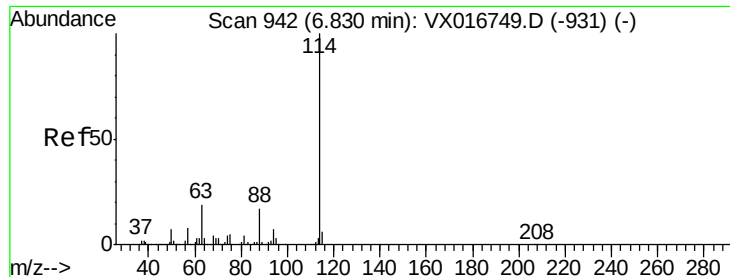
20000

0

5.90 6.00 6.10

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016810.D

Acq: 17 Jun 2020 04:20

Instrument :

MSVOA_X

ClientSampled :

S49-0564

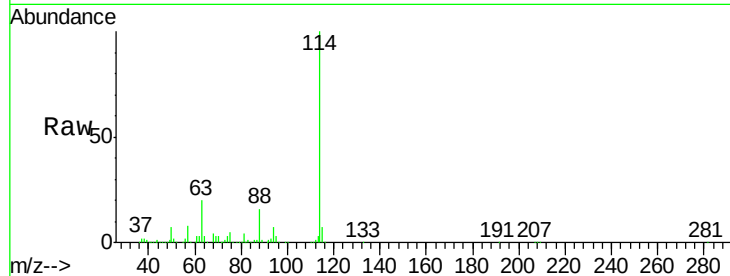
Tot Ion:114 Resp: 505948

Ion Ratio Lower Upper

114 100

63 20.5 0.0 38.8

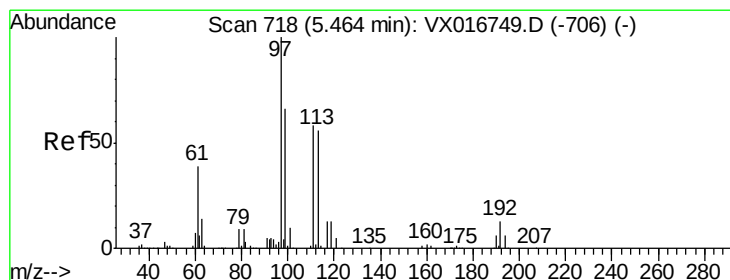
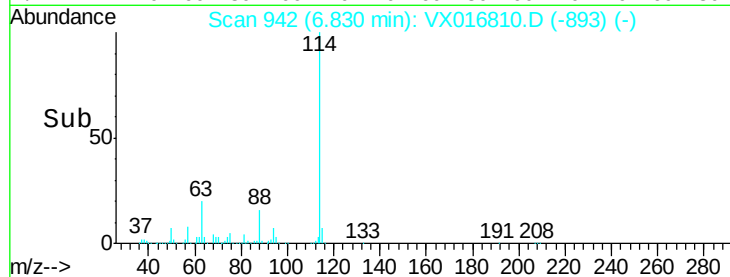
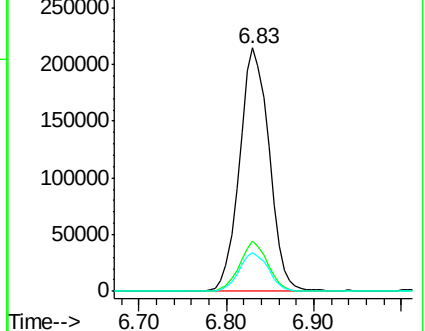
88 16.1 0.0 33.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 43.446 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016810.D

Acq: 17 Jun 2020 04:20

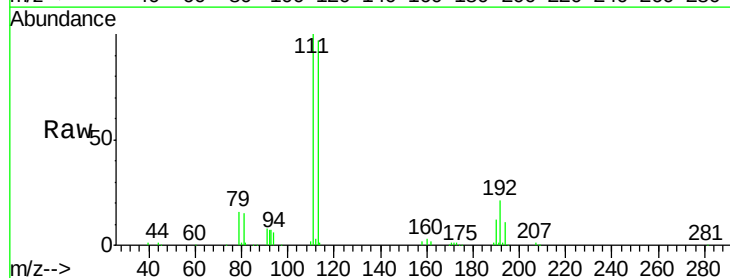
Tgt Ion:113 Resp: 135621

Ion Ratio Lower Upper

113 100

111 102.0 81.8 122.6

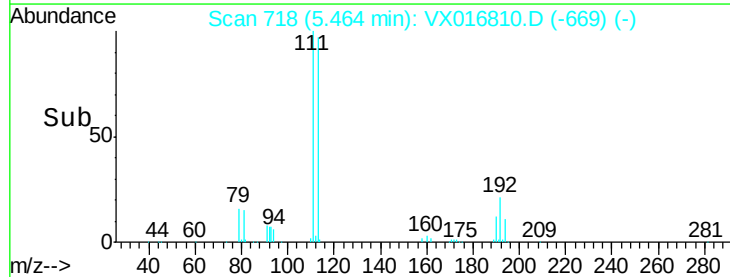
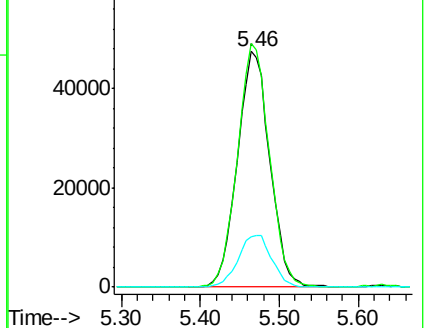
192 23.0 18.2 27.4

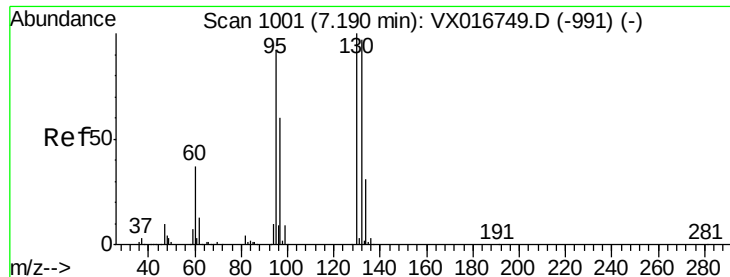


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 0.310 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.01 min

Lab File: VX016810.D

Acq: 17 Jun 2020 04:20

Instrument :

MSVOA_X

ClientSampleId :

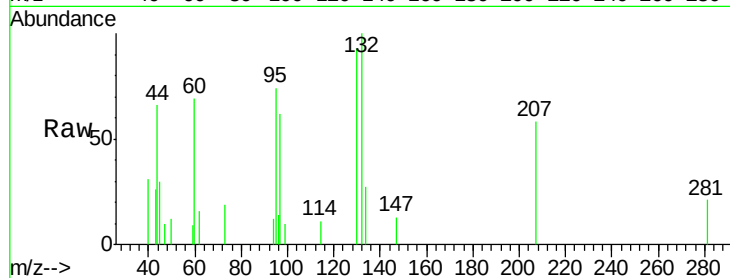
S49-0564

Tot Ion:130 Resp: 1305

Ion Ratio Lower Upper

130 100

95 80.0 0.0 183.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.18

600

400

200

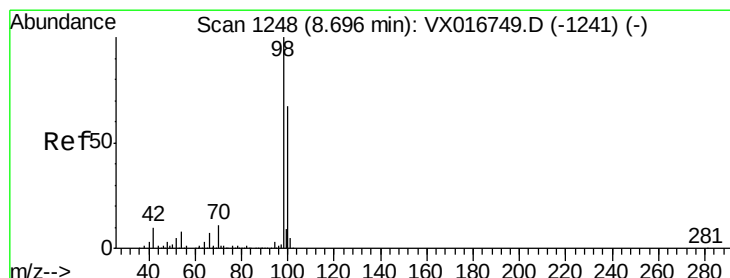
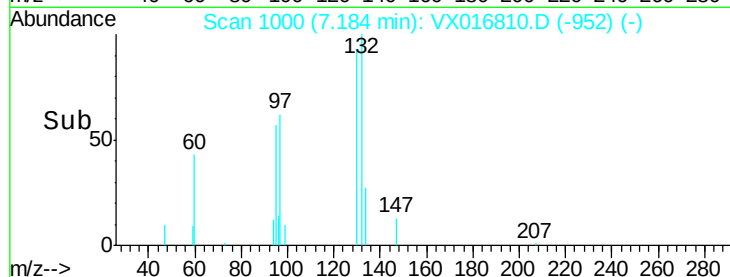
0

7.15

7.20

7.25

Time-->



#50

Toluene-d8

Concen: 47.220 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016810.D

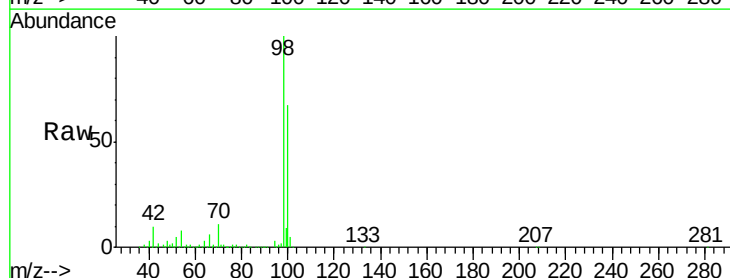
Acq: 17 Jun 2020 04:20

Tgt Ion: 98 Resp: 543518

Ion Ratio Lower Upper

98 100

100 66.9 53.9 80.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.70

400000

300000

200000

100000

0

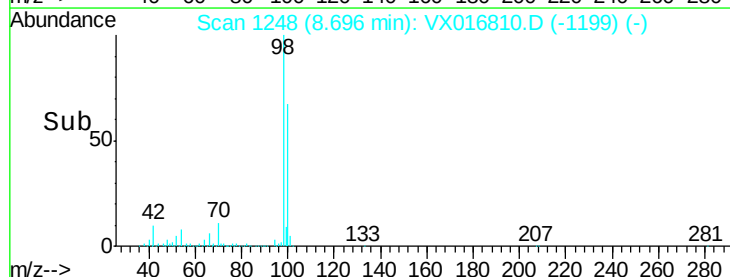
8.60

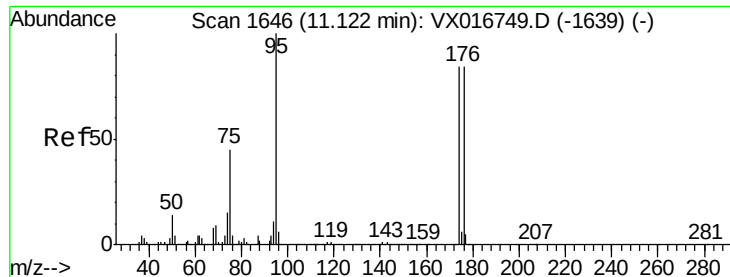
8.65

8.70

8.75

Time-->





#62

4-Bromofluorobenzene

Concen: 50.851 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016810.D

Acq: 17 Jun 2020 04:20

Instrument :

MSVOA_X

ClientSampleId :

S49-0564

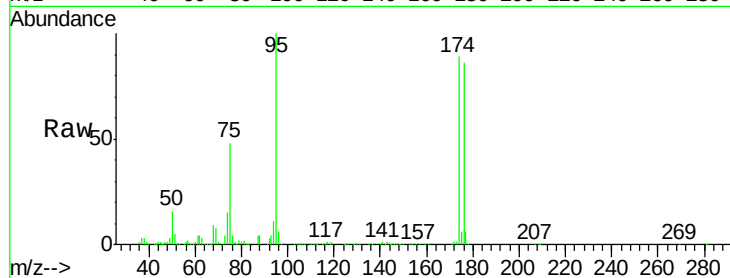
Tot Ion: 95 Resp: 223880

Ion Ratio Lower Upper

95 100

174 88.0 0.0 171.0

176 85.1 0.0 166.2



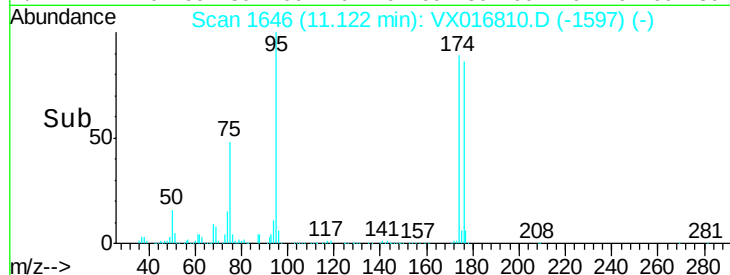
Abundance Ion 94.90 (94.60 to 95.60): VX016749.D (-1639) (-)

Ion 173.80 (173.50 to 174.50): VX016749.D (-1639) (-)

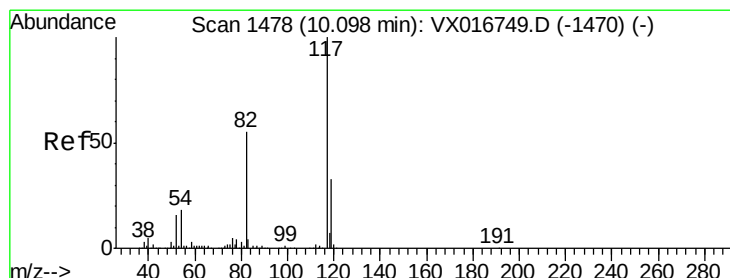
Ion 175.80 (175.50 to 176.50): VX016749.D (-1639) (-)

11.12

11.10 11.20



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016810.D

Acq: 17 Jun 2020 04:20

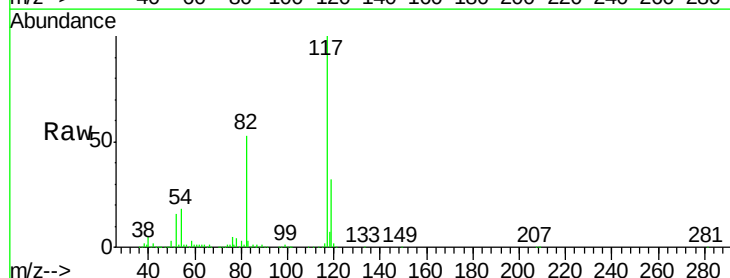
Tgt Ion: 117 Resp: 450739

Ion Ratio Lower Upper

117 100

82 53.2 43.8 65.6

119 32.5 26.2 39.4



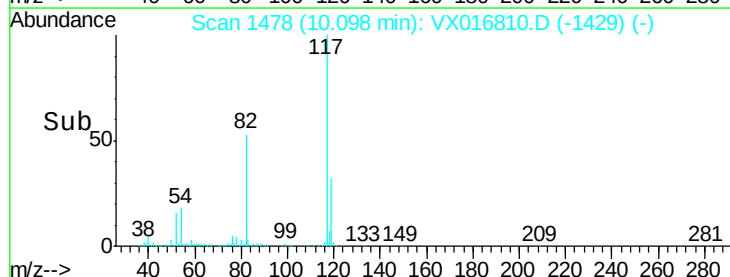
Abundance Ion 116.90 (116.60 to 117.60): VX016749.D (-1470) (-)

Ion 82.00 (81.70 to 82.70): VX016749.D (-1470) (-)

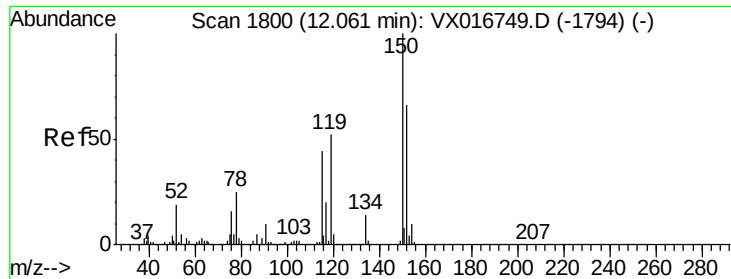
Ion 118.90 (118.60 to 119.60): VX016749.D (-1470) (-)

10.10

10.00 10.20



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016810.D

Acq: 17 Jun 2020 04:20

Instrument :

MSVOA_X

ClientSampleId :

S49-0564

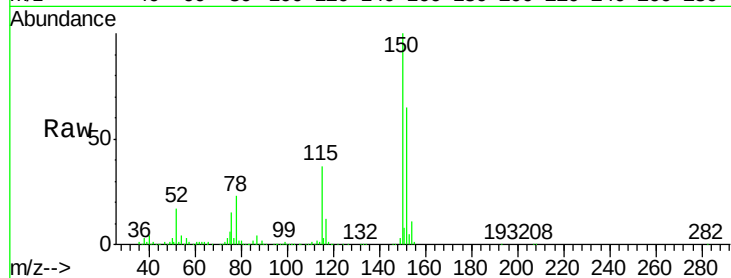
Tot Ion:152 Resp: 248342

Ion Ratio Lower Upper

152 100

115 57.1 40.3 120.8

150 154.8 0.0 337.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

