

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082319\
 Data File : VX011799.D
 Acq On : 23 Aug 2019 15:40
 Operator : JC/SP
 Sample : K4402-02RE
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FRAC-TANK-MUDRE

Quant Time: Aug 26 03:22:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:48:12 2019
 Response via : Initial Calibration

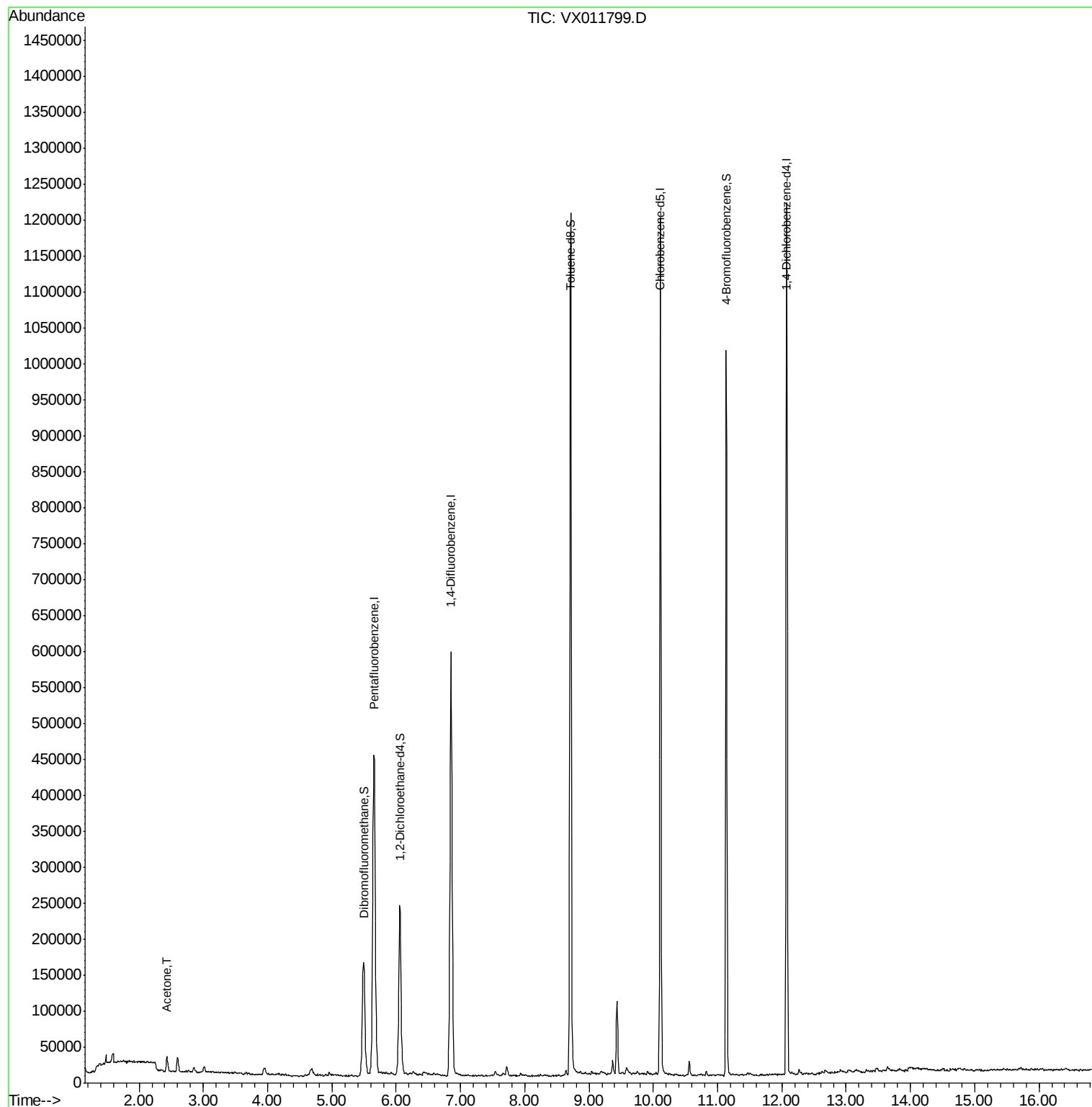
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	500057	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	656107	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	586813	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	293117	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	219066	43.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.22%	
35) Dibromofluoromethane	5.49	113	136182	32.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.20%	
50) Toluene-d8	8.71	98	748794	50.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.20%	
62) 4-Bromofluorobenzene	11.13	95	250276	42.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.58%	
Target Compounds						
16) Acetone	2.43	43	21816	9.984	ug/l	Qvalue 96

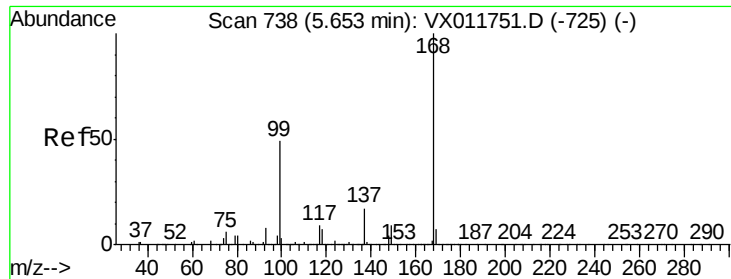
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Aug 23 01:48:12 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.00 min

Lab File: VX011799.D

Acq: 23 Aug 2019 15:40

Instrument :

MSVOA_X

ClientSampleId :

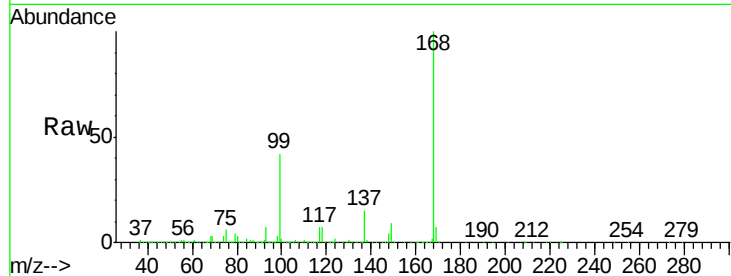
FRAC-TANK-MUDRE

Tot Ion:168 Resp: 500057

Ion Ratio Lower Upper

168 100

99 42.5 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

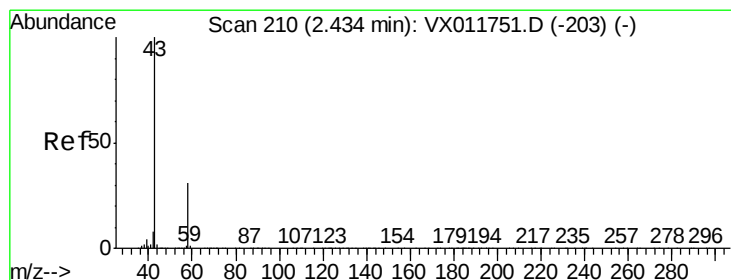
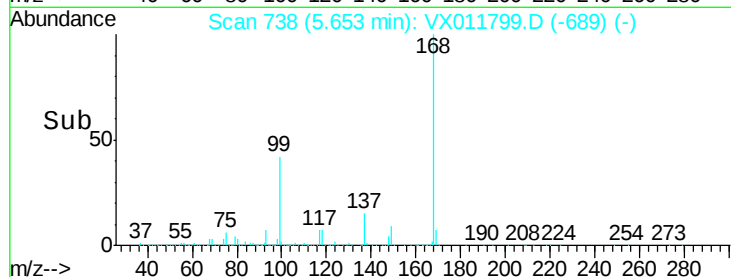
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 9.984 ug/l

RT: 2.43 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX011799.D

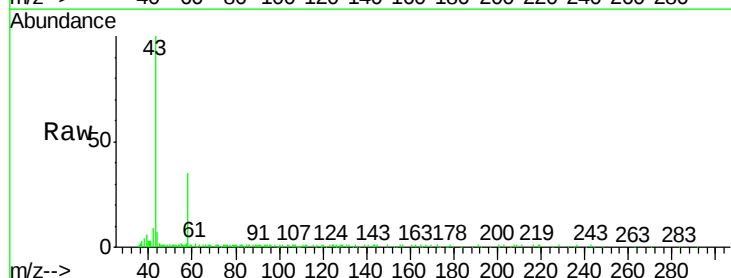
Acq: 23 Aug 2019 15:40

Tgt Ion: 43 Resp: 21816

Ion Ratio Lower Upper

43 100

58 32.7 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

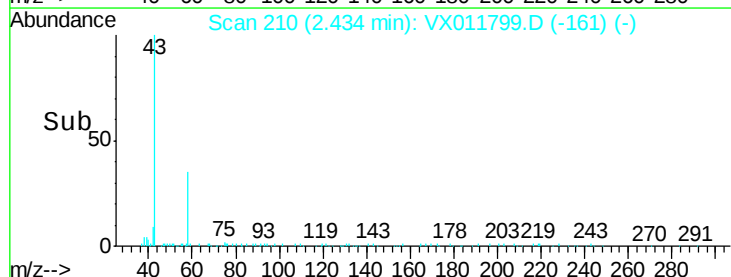
15000

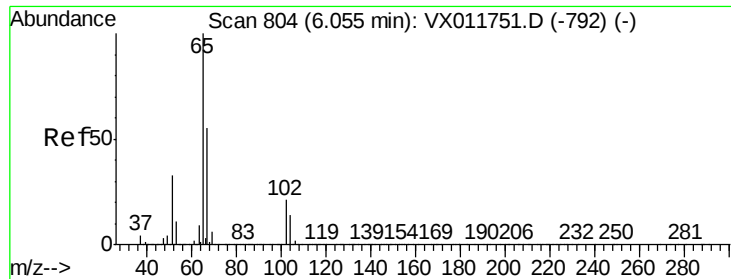
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 43.609 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX011799.D

Acq: 23 Aug 2019 15:40

Instrument :

MSVOA_X

ClientSampleId :

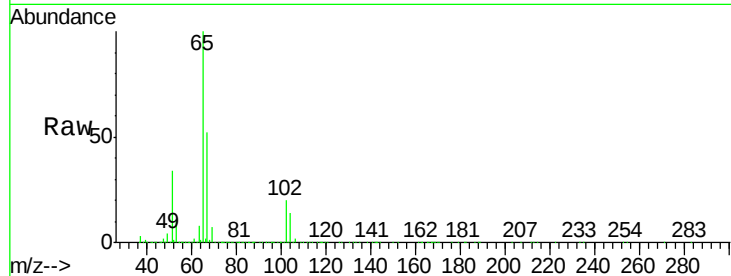
FRAC-TANK-MUDRE

Tot Ion: 65 Resp: 219066

Ion Ratio Lower Upper

65 100

67 53.4 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

80000

60000

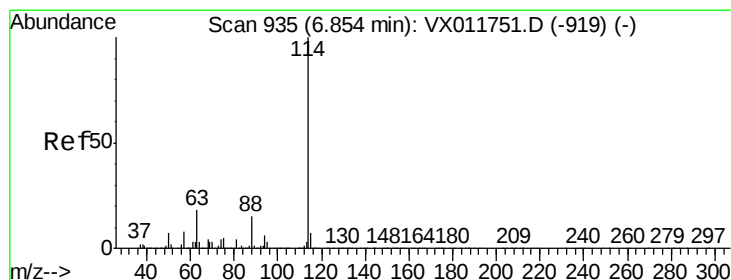
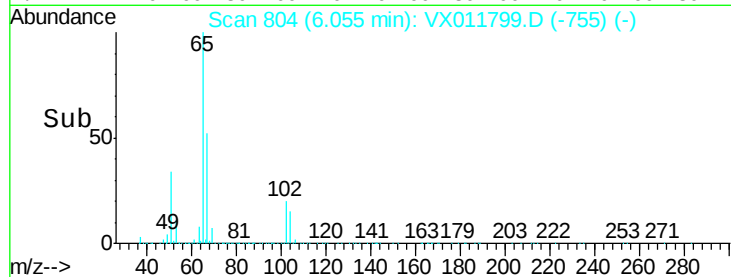
40000

20000

0

Time-->

6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.00 min

Lab File: VX011799.D

Acq: 23 Aug 2019 15:40

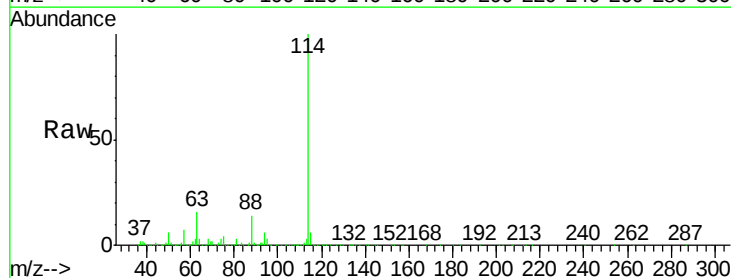
Tgt Ion: 114 Resp: 656107

Ion Ratio Lower Upper

114 100

63 15.9 0.0 36.8

88 14.0 0.0 30.2



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

6.85

400000

300000

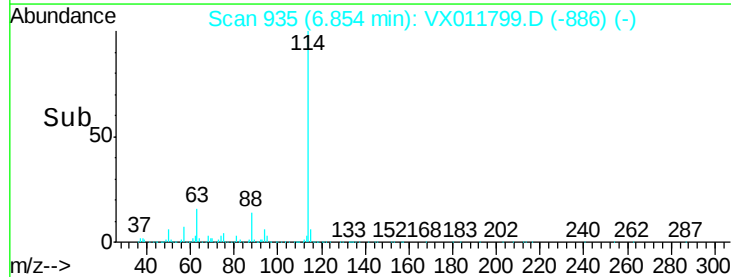
200000

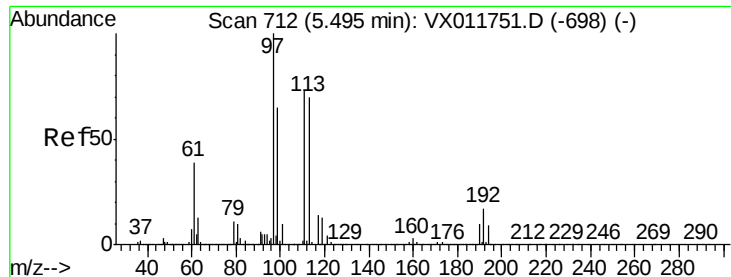
100000

0

Time-->

6.70 6.80 6.90 7.00 7.10

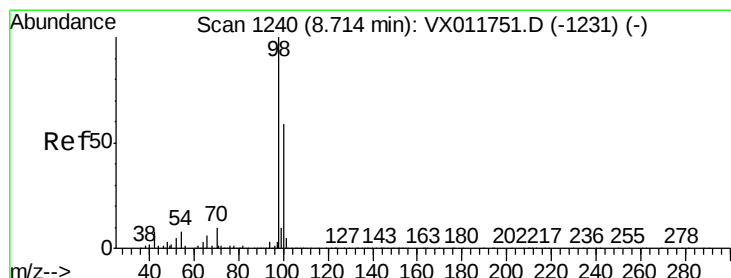
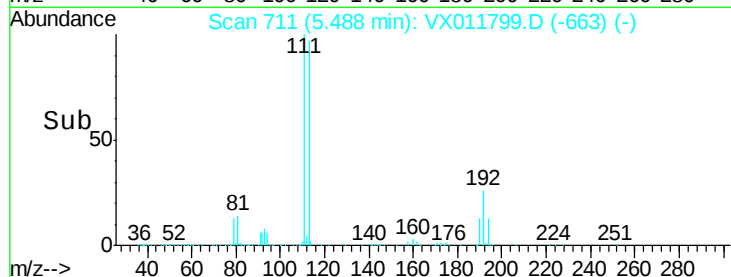
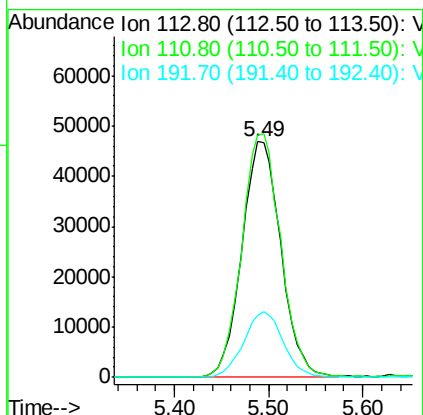
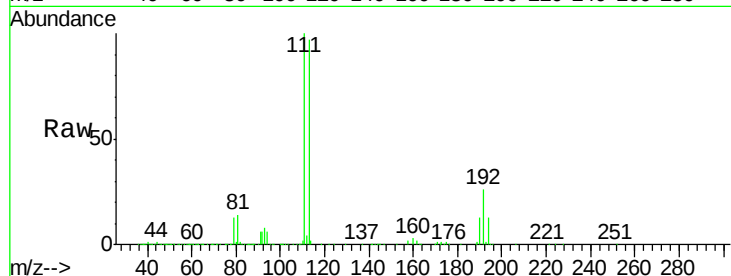




#35
 Dibromofluoromethane
 Concen: 32.098 ug/l
 RT: 5.49 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: VX011799.D
 Acq: 23 Aug 2019 15:40

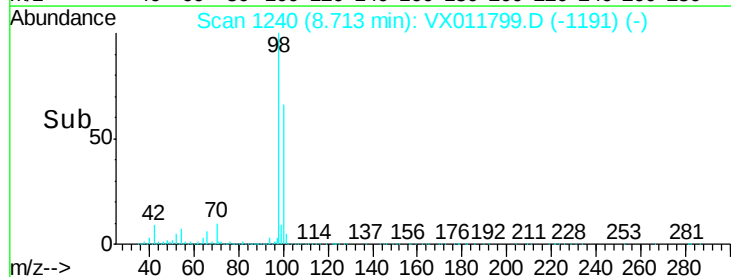
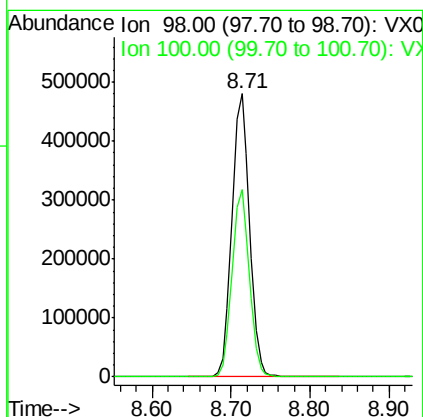
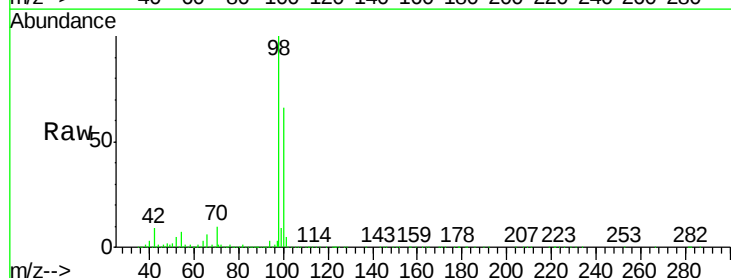
Instrument :
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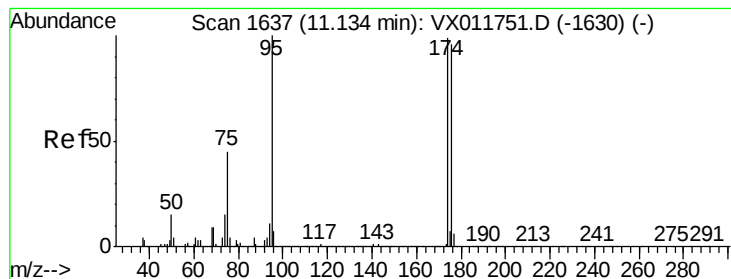
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.0	121.4
192	28.6	19.9	29.9



#50
 Toluene-d8
 Concen: 50.600 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX011799.D
 Acq: 23 Aug 2019 15:40

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.1	78.1





#62

4-Bromofluorobenzene

Concen: 42.788 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011799.D

Acq: 23 Aug 2019 15:40

Instrument :

MSVOA_X

ClientSampleId :

FRAC-TANK-MUDRE

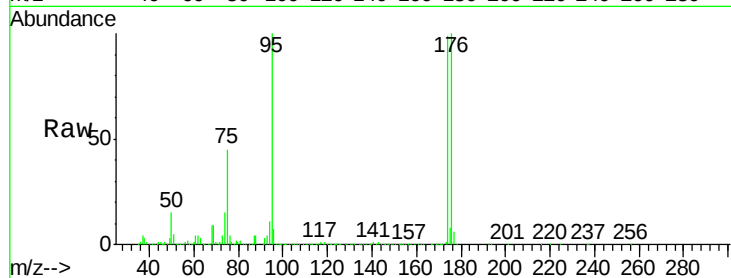
Tot Ion: 95 Resp: 250276

Ion Ratio Lower Upper

95 100

174 106.2 0.0 197.4

176 103.7 0.0 194.4

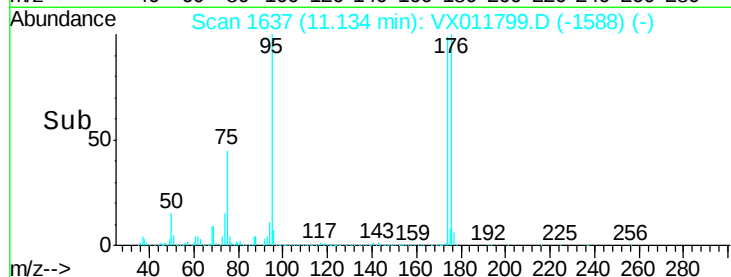


Abundance Ion 94.90 (94.60 to 95.60): VX011751.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX011751.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX011751.D (-1630) (-)

Time-->

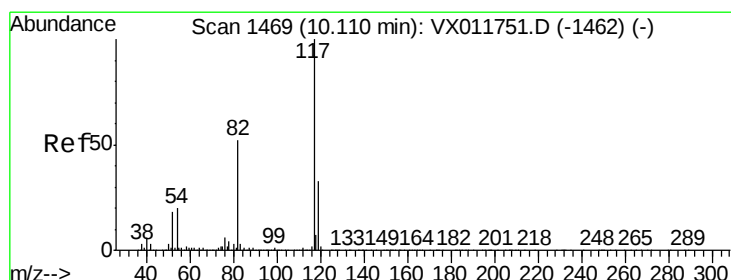


Abundance Ion 94.90 (94.60 to 95.60): VX011799.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX011799.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX011799.D (-1588) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX011799.D

Acq: 23 Aug 2019 15:40

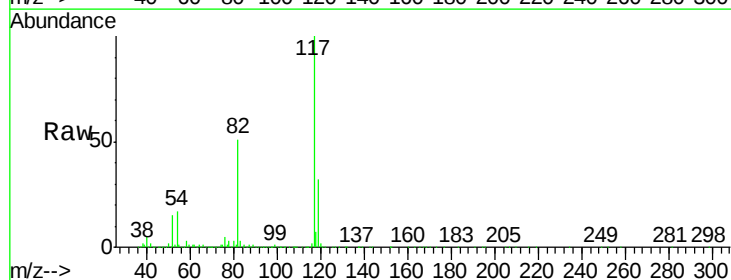
Tgt Ion: 117 Resp: 586813

Ion Ratio Lower Upper

117 100

82 51.0 41.7 62.5

119 32.4 26.2 39.2

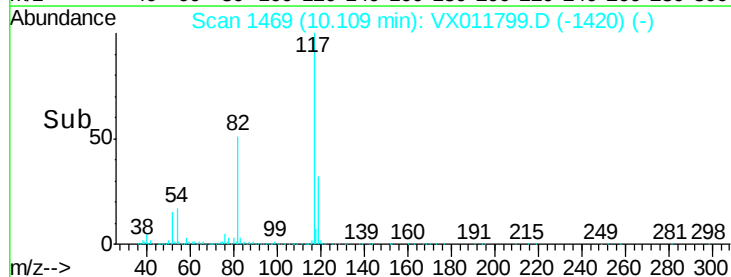


Abundance Ion 116.90 (116.60 to 117.60): VX011751.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX011751.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX011751.D (-1462) (-)

Time-->

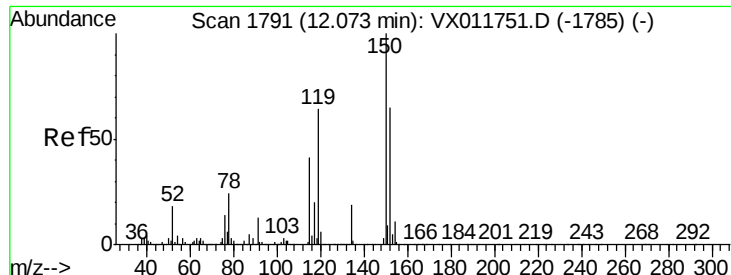


Abundance Ion 116.90 (116.60 to 117.60): VX011799.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX011799.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX011799.D (-1420) (-)

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX011799.D

Acq: 23 Aug 2019 15:40

Instrument :

MSVOA_X

ClientSampleId :

FRAC-TANK-MUDRE

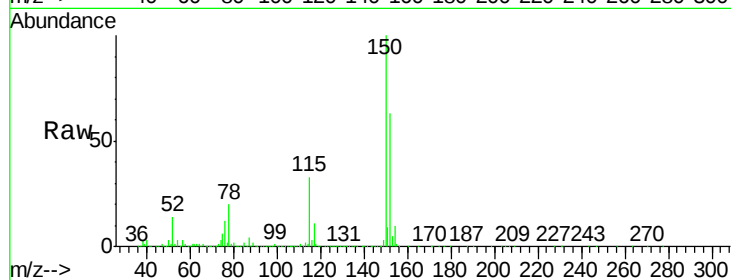
Tot Ion:152 Resp: 293117

Ion Ratio Lower Upper

152 100

115 51.0 37.3 111.8

150 156.0 0.0 343.0



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

