

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120619\
 Data File : VX013799.D
 Acq On : 06 Dec 2019 15:06
 Operator : JC/SP
 Sample : K6184-15
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D3-20191203

Quant Time: Dec 07 04:00:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

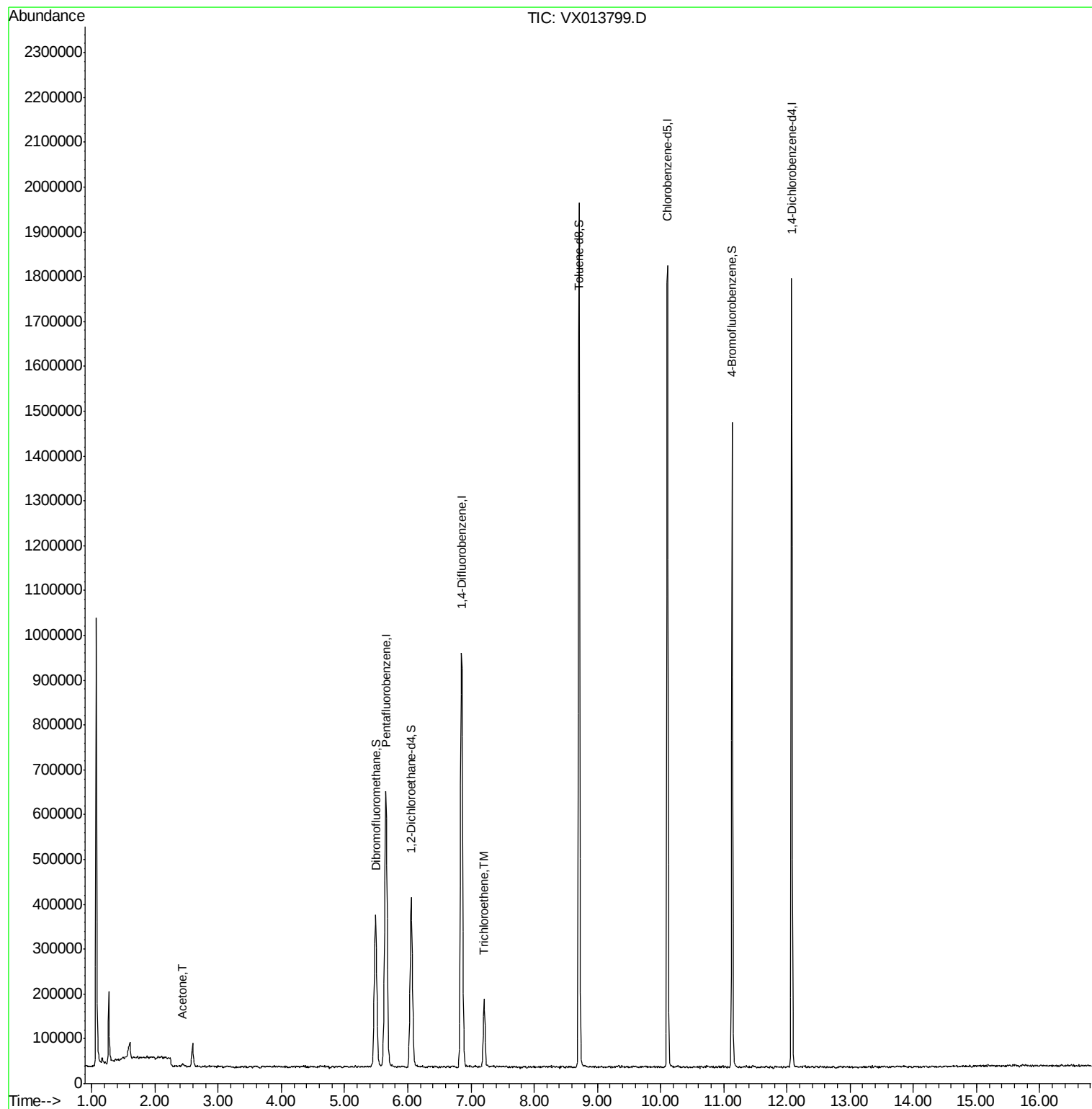
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	640782	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	976678	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	860764	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	369778	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	350766	47.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.32%	
35) Dibromofluoromethane	5.49	113	289698	47.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.96%	
50) Toluene-d8	8.71	98	1139684	48.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.90%	
62) 4-Bromofluorobenzene	11.13	95	377621	44.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.02%	
Target Compounds						
16) Acetone	2.43	43	9153	2.492	ug/l	99
44) Trichloroethene	7.21	130	62116	8.382	ug/l	96

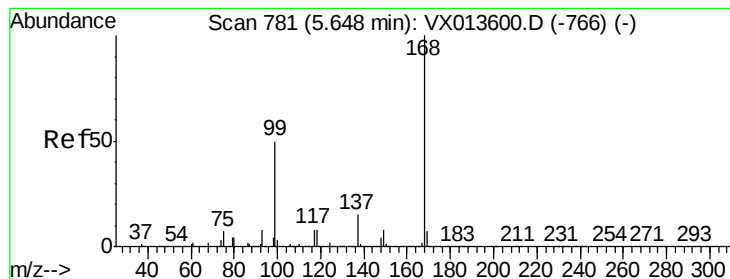
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013799.D

Acq: 06 Dec 2019 15:06

Instrument :

MSVOA_X

ClientSampleId :

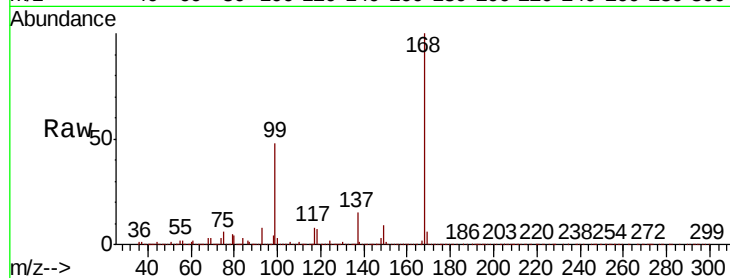
RE122D3-20191203

Tot Ion:168 Resp: 640782

Ion Ratio Lower Upper

168 100

99 47.4 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

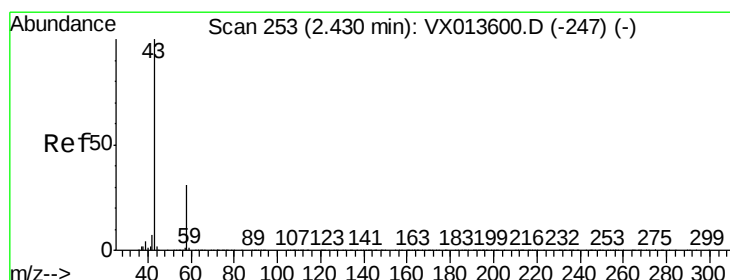
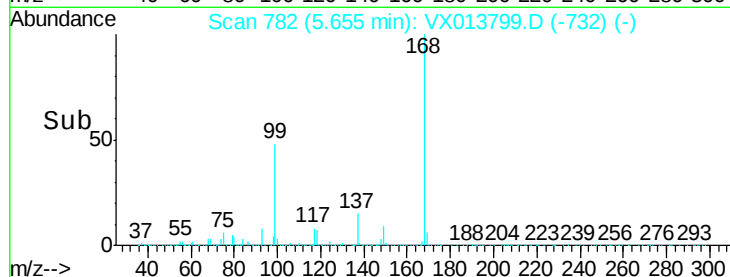
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 2.492 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013799.D

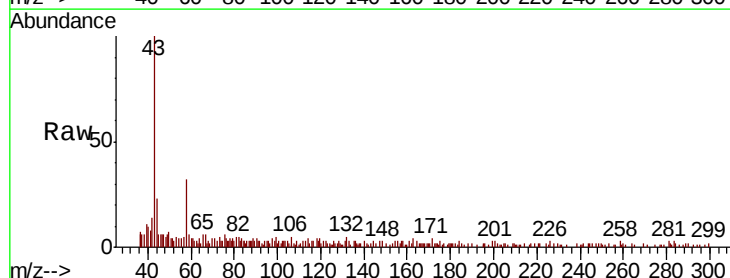
Acq: 06 Dec 2019 15:06

Tgt Ion: 43 Resp: 9153

Ion Ratio Lower Upper

43 100

58 31.1 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

6000

5000

4000

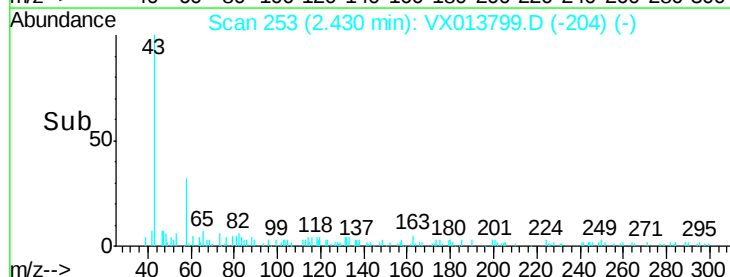
3000

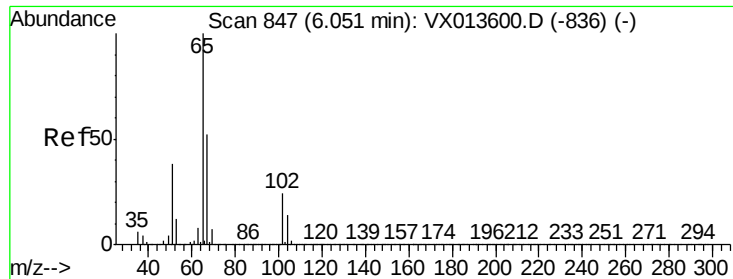
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 47.158 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX013799.D

Acq: 06 Dec 2019 15:06

Instrument :

MSVOA_X

ClientSampleId :

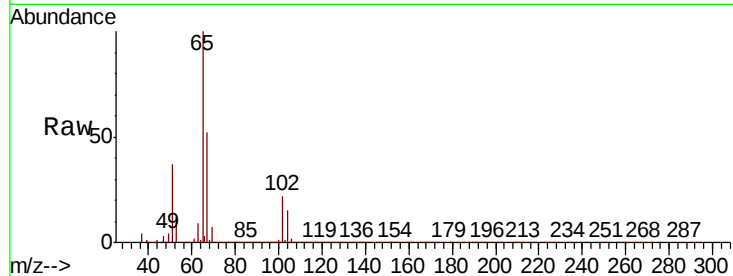
RE122D3-20191203

Tot Ion: 65 Resp: 350766

Ion Ratio Lower Upper

65 100

67 52.5 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

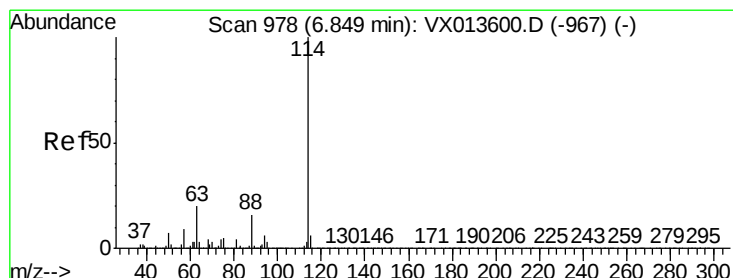
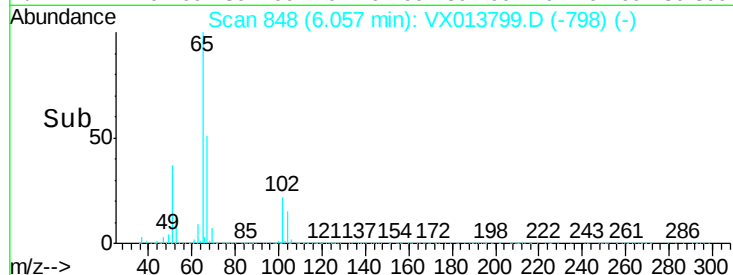
150000

100000

50000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013799.D

Acq: 06 Dec 2019 15:06

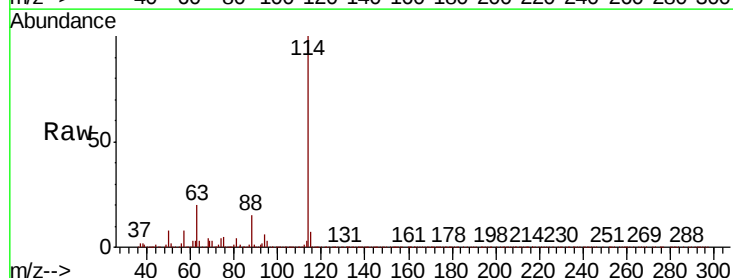
Tgt Ion: 114 Resp: 976678

Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.6

88 15.3 0.0 31.4



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

6.85

500000

400000

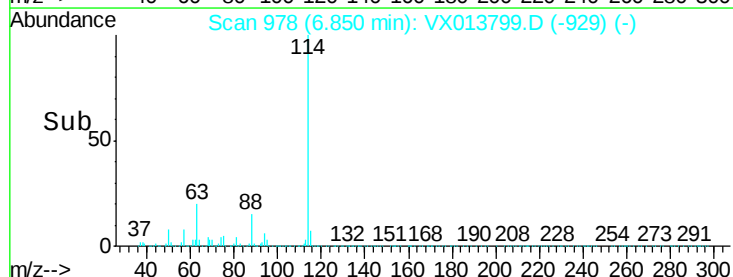
300000

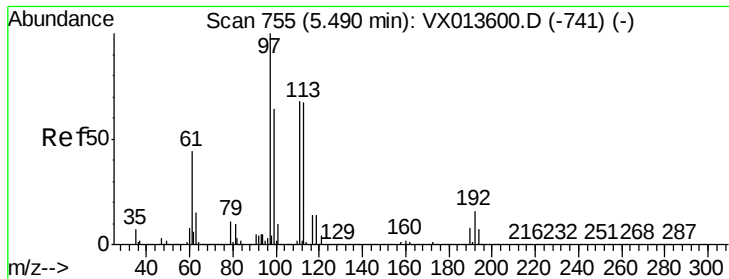
200000

100000

0

Time--> 6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 47.980 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX013799.D

Acq: 06 Dec 2019 15:06

Instrument :

MSVOA_X

ClientSampleId :

RE122D3-20191203

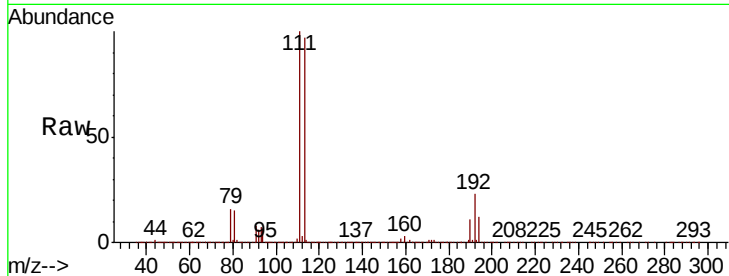
Tot Ion:113 Resp: 289698

Ion Ratio Lower Upper

113 100

111 103.4 83.6 125.4

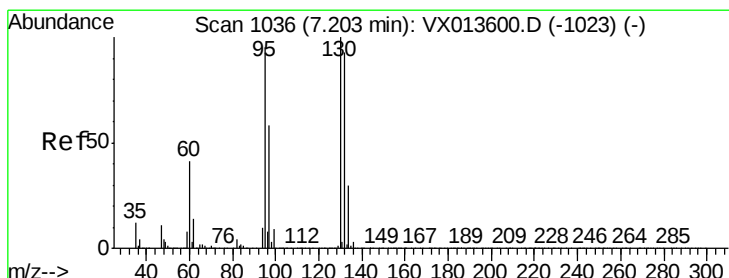
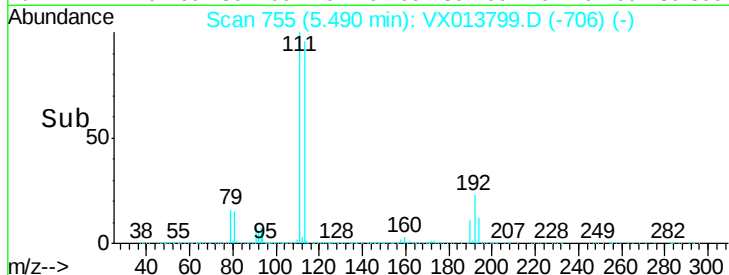
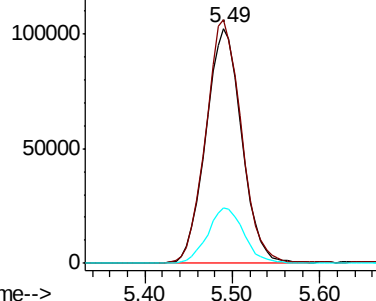
192 24.0 19.2 28.8



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



#44

Trichloroethene

Concen: 8.382 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013799.D

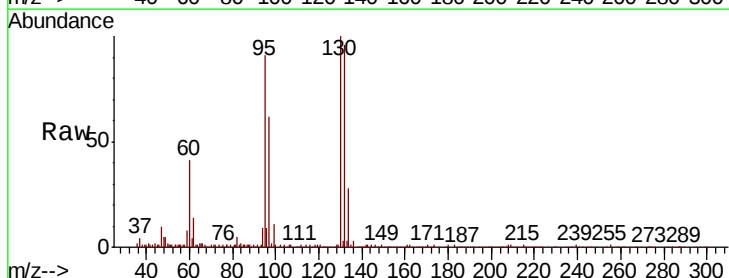
Acq: 06 Dec 2019 15:06

Tgt Ion:130 Resp: 62116

Ion Ratio Lower Upper

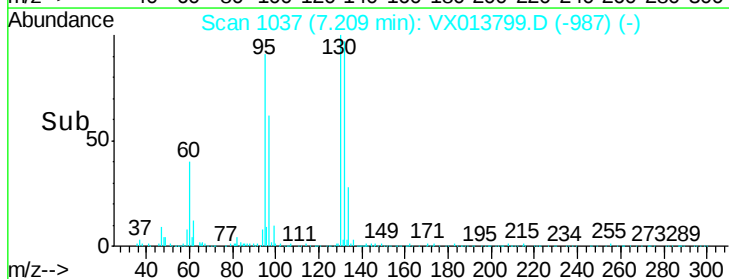
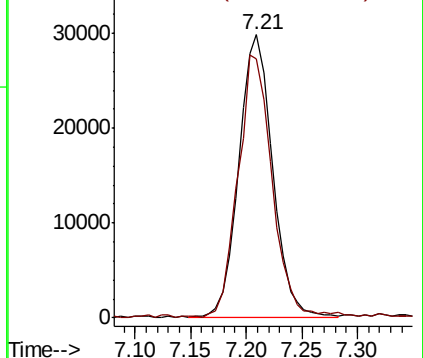
130 100

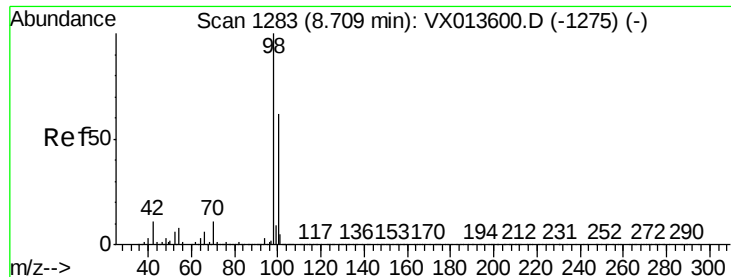
95 91.0 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 48.447 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013799.D

Acq: 06 Dec 2019 15:06

Instrument :

MSVOA_X

ClientSampleId :

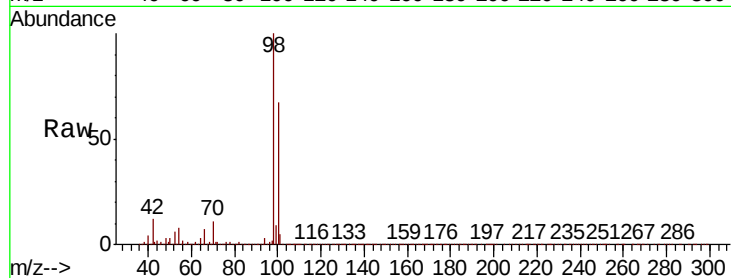
RE122D3-20191203

Tot Ion: 98 Resp: 1139684

Ion Ratio Lower Upper

98 100

100 66.3 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

800000

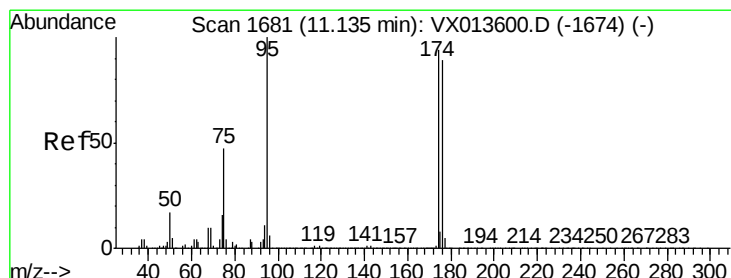
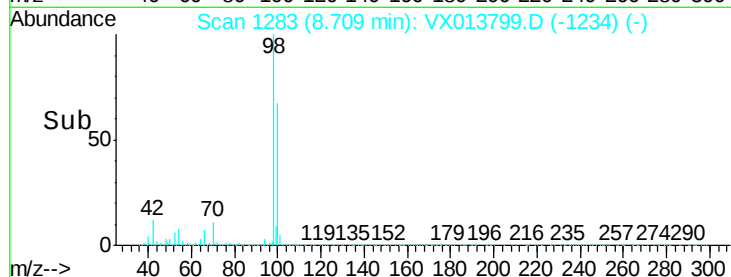
600000

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.515 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX013799.D

Acq: 06 Dec 2019 15:06

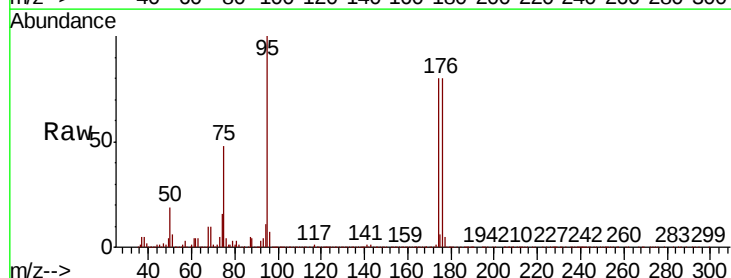
Tgt Ion: 95 Resp: 377621

Ion Ratio Lower Upper

95 100

174 90.0 0.0 180.0

176 87.8 0.0 173.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

400000

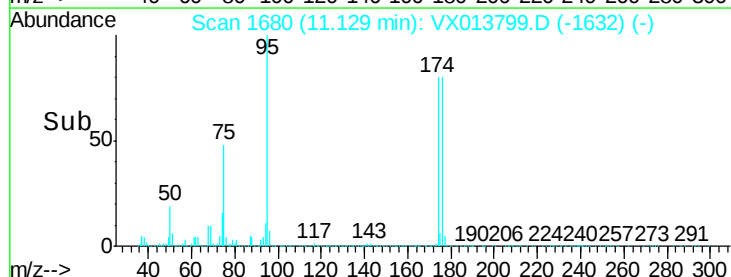
300000

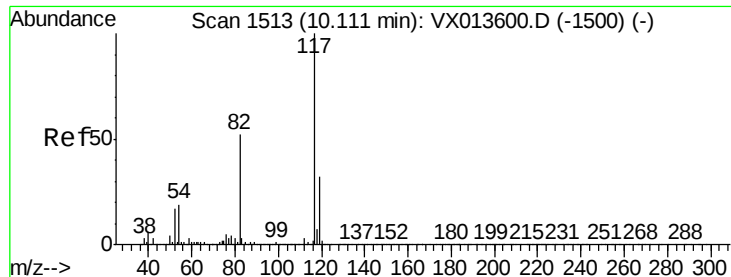
200000

100000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX013799.D

Acq: 06 Dec 2019 15:06

Instrument :

MSVOA_X

ClientSampleId :

RE122D3-20191203

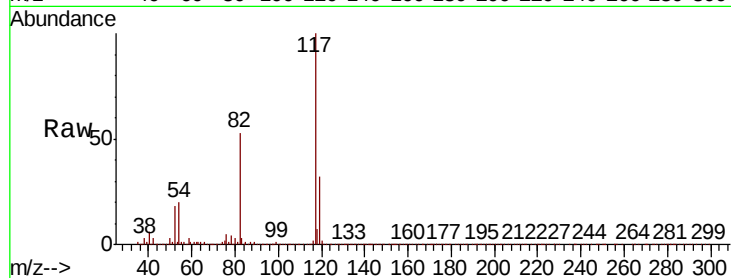
Tot Ion:117 Resp: 860764

Ion Ratio Lower Upper

117 100

82 53.3 41.8 62.8

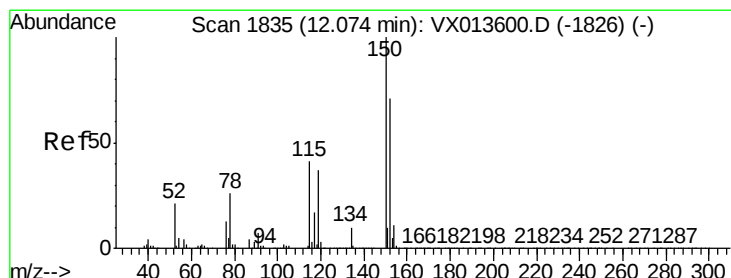
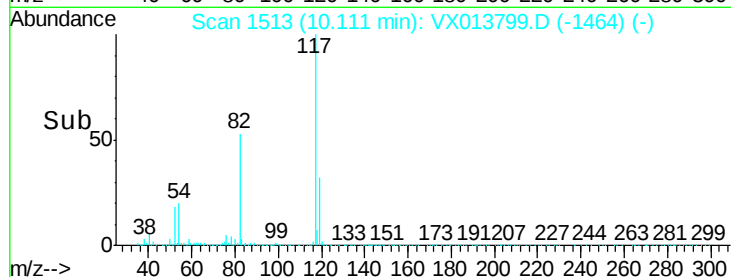
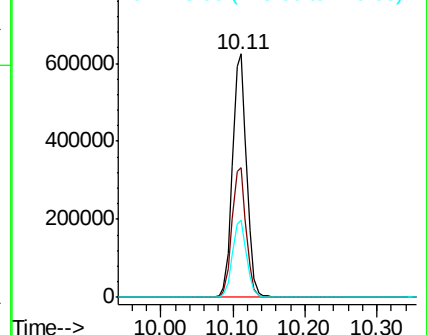
119 31.8 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013799.D

Acq: 06 Dec 2019 15:06

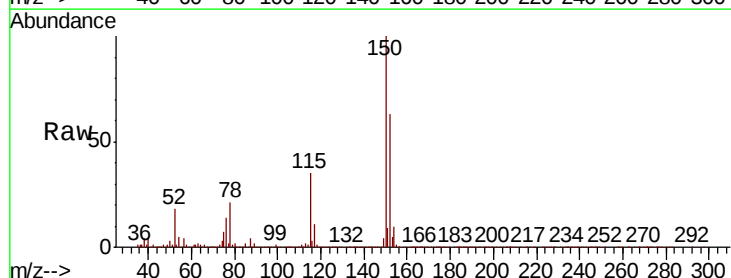
Tgt Ion:152 Resp: 369778

Ion Ratio Lower Upper

152 100

115 54.9 38.4 115.1

150 155.3 0.0 346.8



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

