

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112719\
 Data File : VX013678.D
 Acq On : 28 Nov 2019 02:21
 Operator : JC/SP
 Sample : K5968-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20191121

Quant Time: Nov 28 05:41:18 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

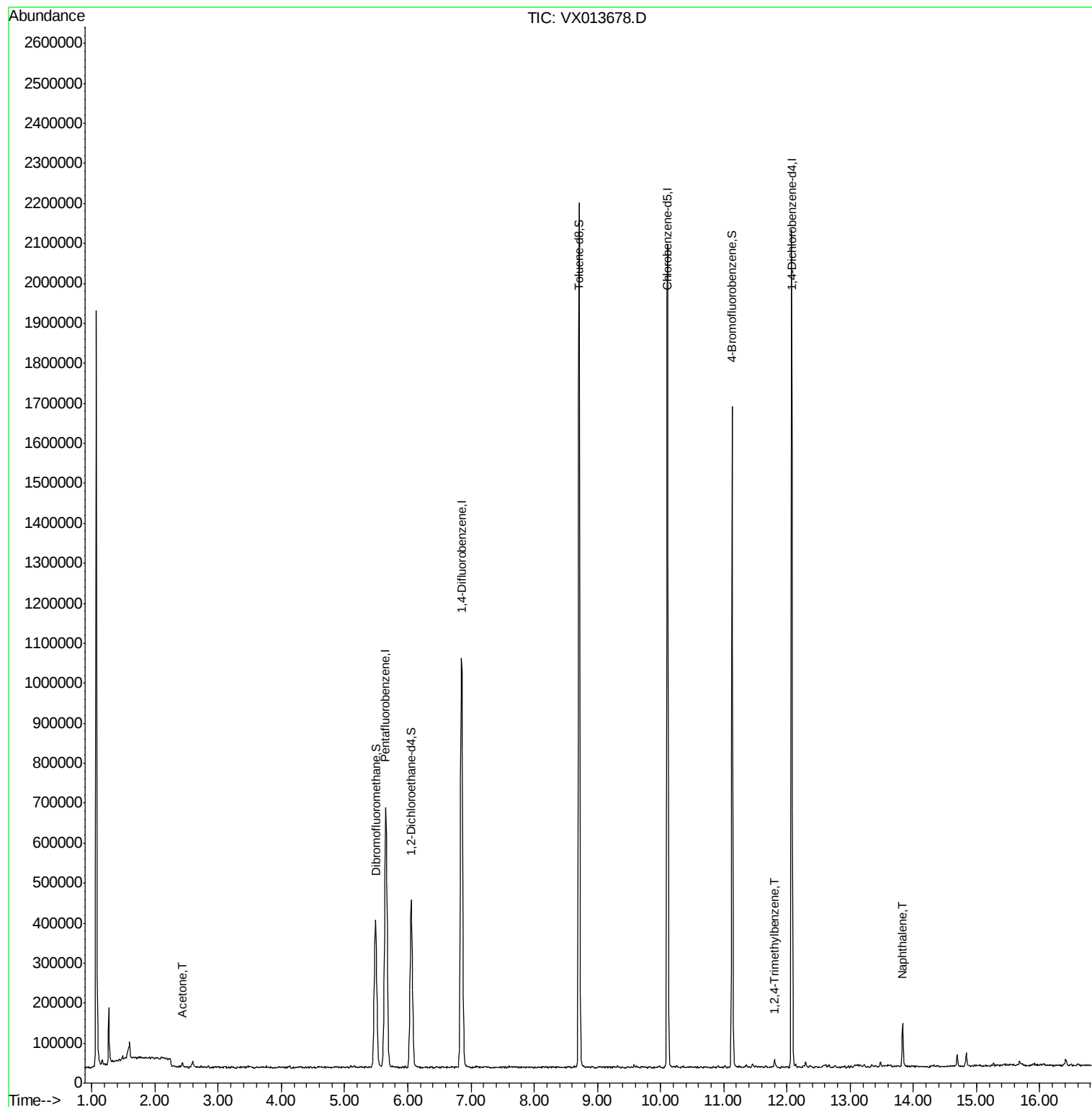
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	686518	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1093108	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	962462	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	443199	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	393003	49.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.64%	
35) Dibromofluoromethane	5.49	113	322509	47.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.44%	
50) Toluene-d8	8.71	98	1284502	48.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.58%	
62) 4-Bromofluorobenzene	11.14	95	434435	45.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.52%	
Target Compounds						
16) Acetone	2.44	43	15391	3.912	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	10397	0.402	ug/l	97
95) Naphthalene	13.83	128	79357	2.643	ug/l	97

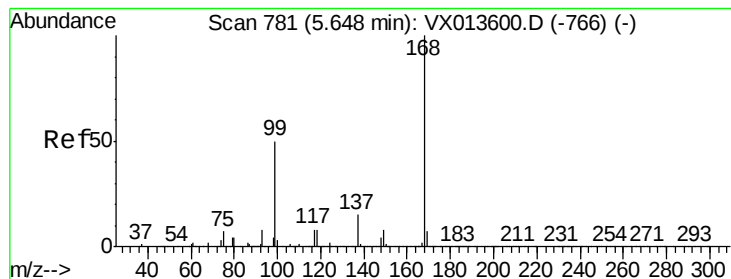
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013678.D

Acq: 28 Nov 2019 02:21

Instrument :

MSVOA_X

ClientSampleId :

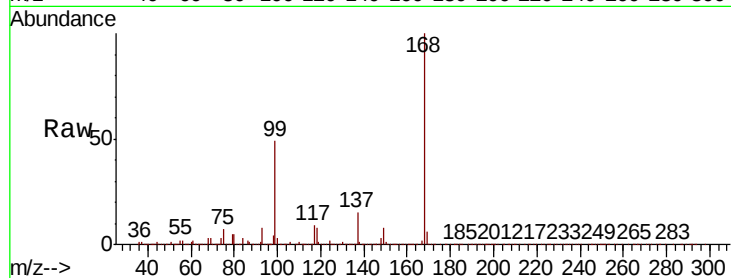
GR-OF-20191121

Tot Ion:168 Resp: 686518

Ion Ratio Lower Upper

168 100

99 48.9 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

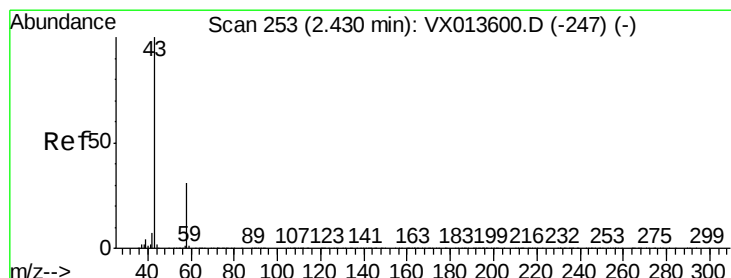
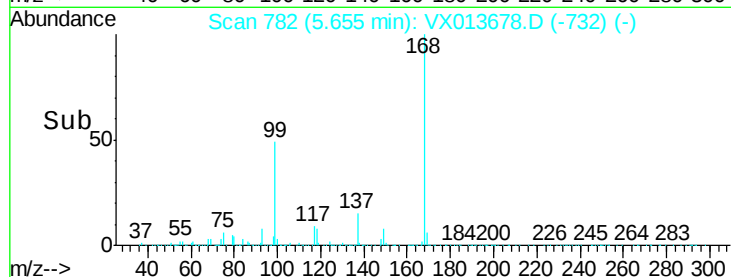
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 3.912 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.01 min

Lab File: VX013678.D

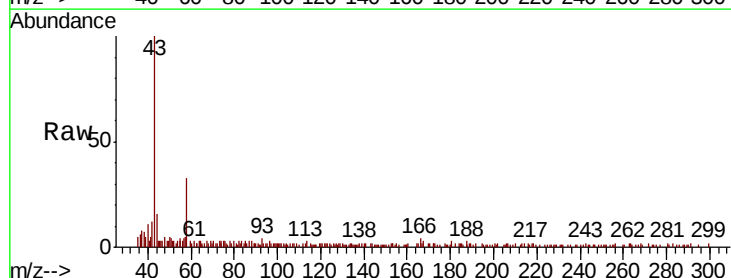
Acq: 28 Nov 2019 02:21

Tgt Ion: 43 Resp: 15391

Ion Ratio Lower Upper

43 100

58 30.4 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

8000

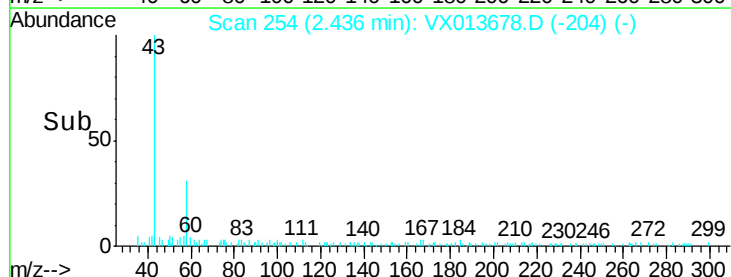
6000

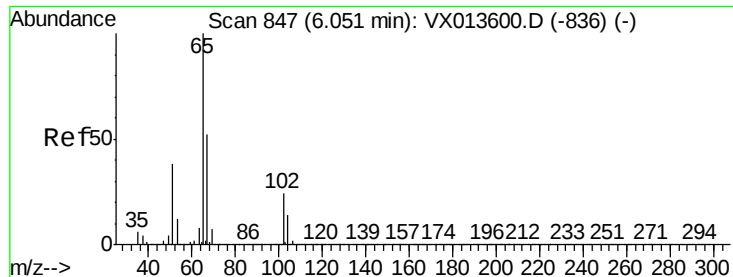
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 49.317 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013678.D

Acq: 28 Nov 2019 02:21

Instrument :

MSVOA_X

ClientSampleId :

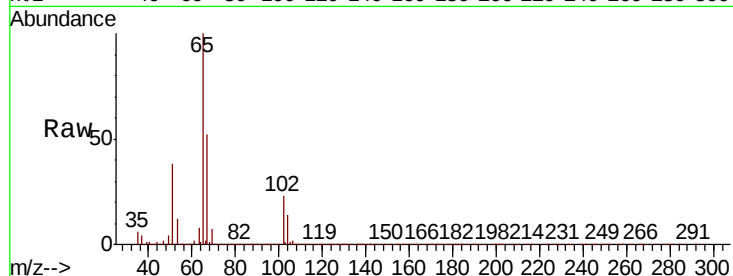
GR-OF-20191121

Tot Ion: 65 Resp: 393003

Ion Ratio Lower Upper

65 100

67 52.8 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

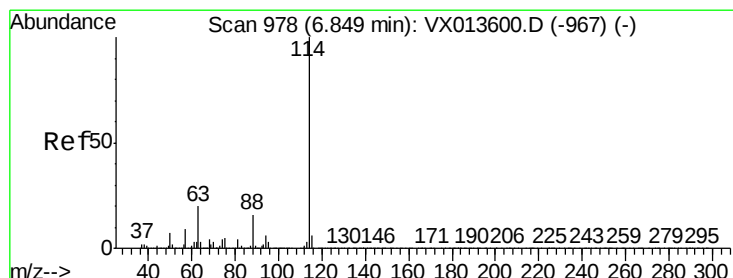
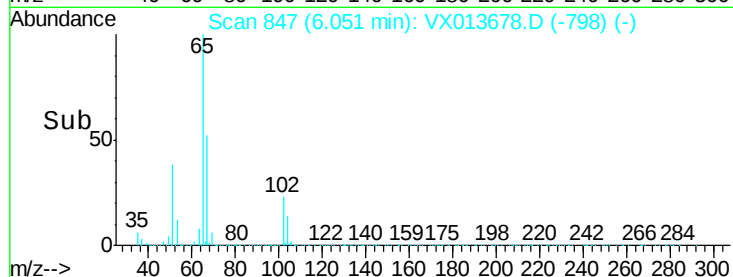
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013678.D

Acq: 28 Nov 2019 02:21

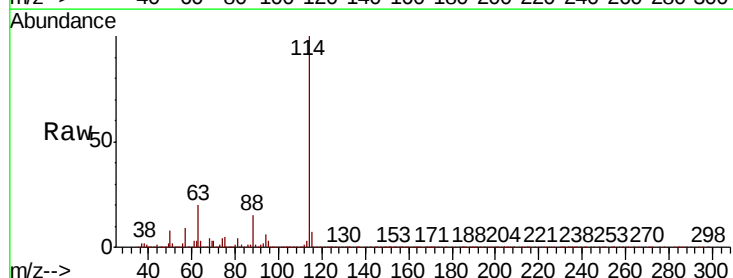
Tgt Ion: 114 Resp: 1093108

Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.6

88 15.4 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

600000

500000

400000

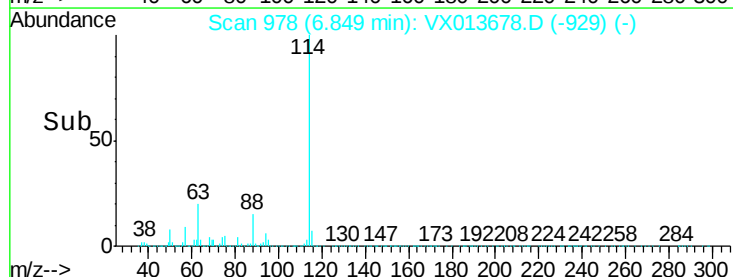
300000

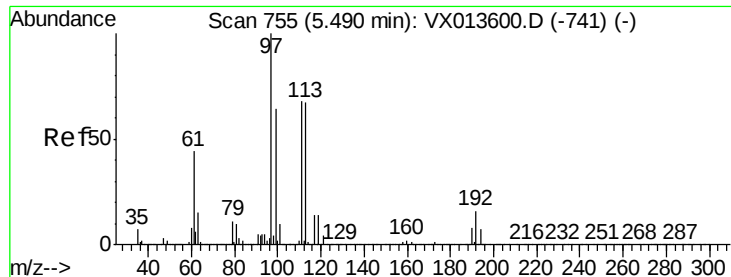
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 47.724 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX013678.D

Acq: 28 Nov 2019 02:21

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20191121

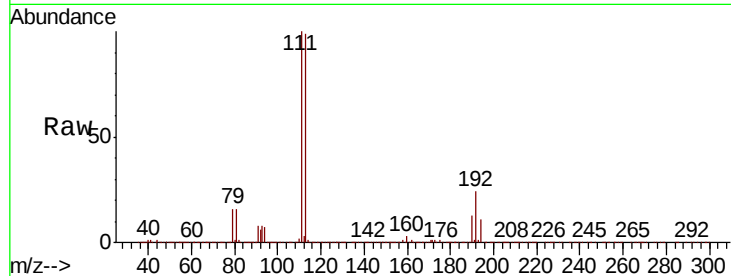
Tot Ion:113 Resp: 322509

Ion Ratio Lower Upper

113 100

111 101.7 83.6 125.4

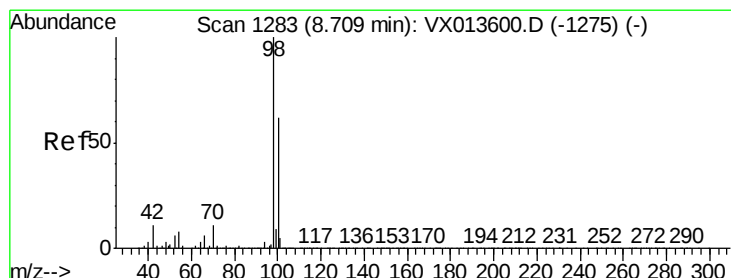
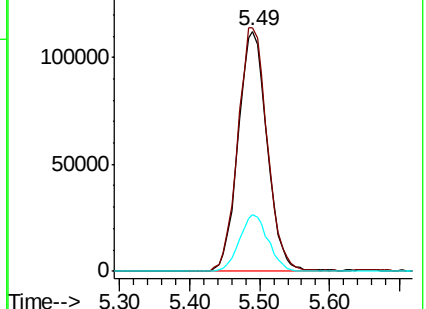
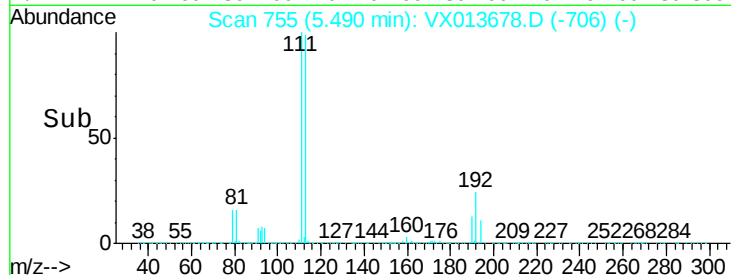
192 23.5 19.2 28.8



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



#50

Toluene-d8

Concen: 48.787 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013678.D

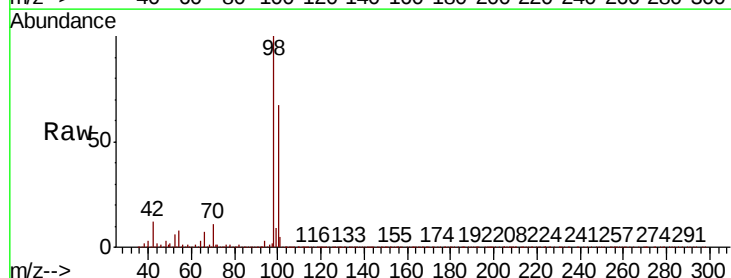
Acq: 28 Nov 2019 02:21

Tgt Ion: 98 Resp: 1284502

Ion Ratio Lower Upper

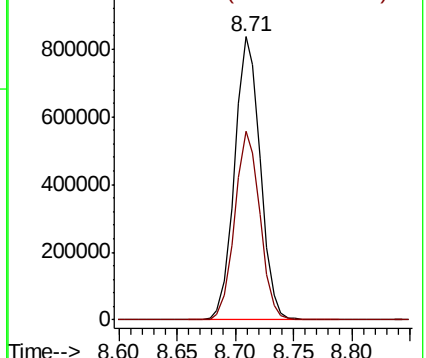
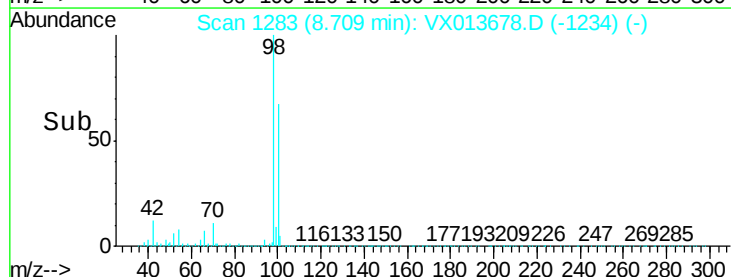
98 100

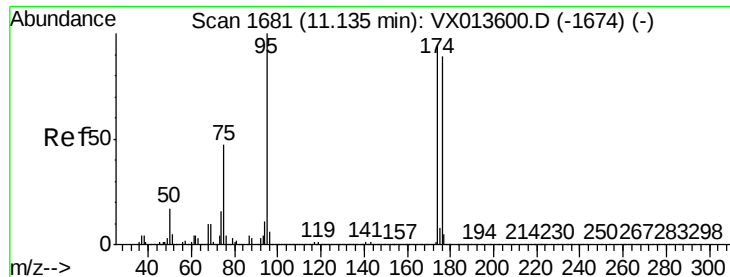
100 65.7 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 45.758 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013678.D

Acq: 28 Nov 2019 02:21

Instrument :

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ClientSampleId :

GR-OF-20191121

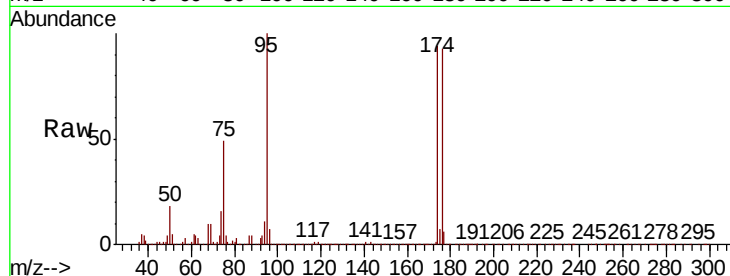
Tot Ion: 95 Resp: 434435

Ion Ratio Lower Upper

95 100

174 90.3 0.0 180.0

176 88.5 0.0 173.6

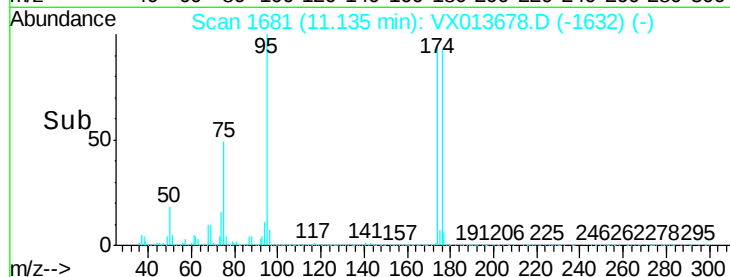


Abundance Ion 94.90 (94.60 to 95.60): VX0

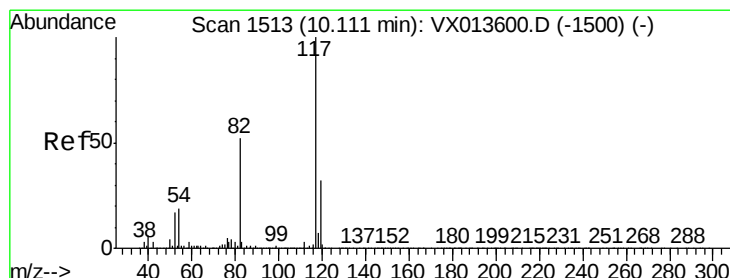
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

Time-->



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX013678.D

Acq: 28 Nov 2019 02:21

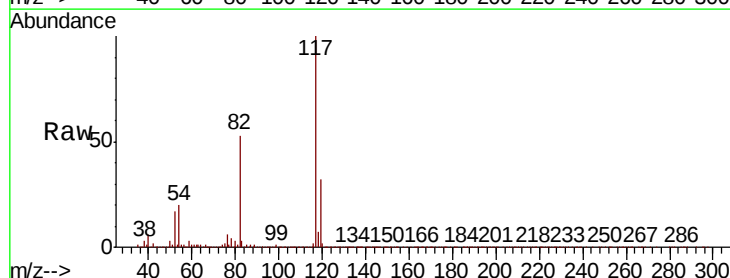
Tgt Ion: 117 Resp: 962462

Ion Ratio Lower Upper

117 100

82 53.1 41.8 62.8

119 32.4 25.8 38.8

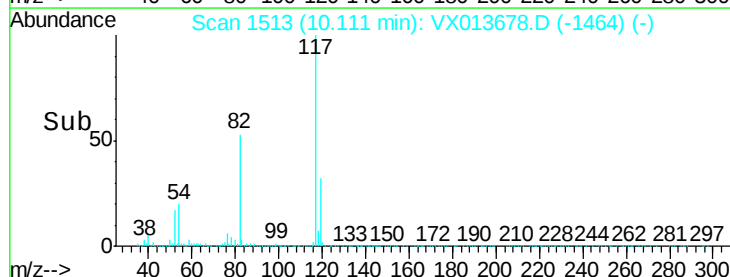


Abundance Ion 116.90 (116.60 to 117.60): V

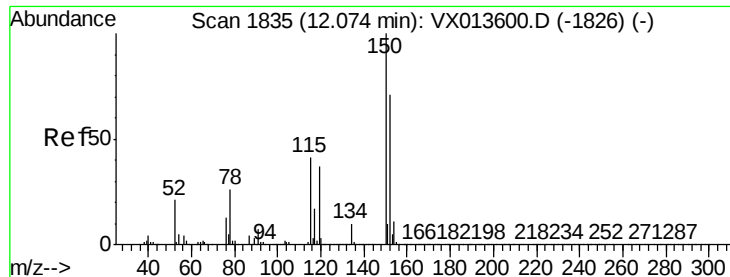
Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

Time-->



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013678.D

Acq: 28 Nov 2019 02:21

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20191121

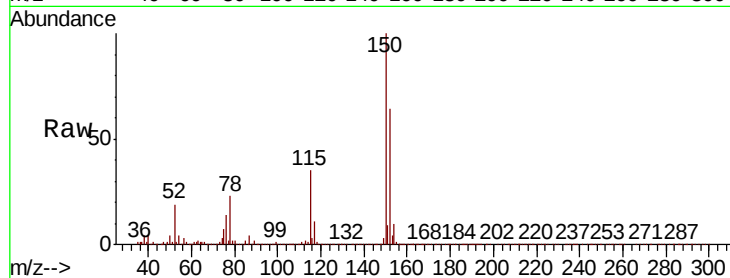
Tot Ion:152 Resp: 443199

Ion Ratio Lower Upper

152 100

115 54.6 38.4 115.1

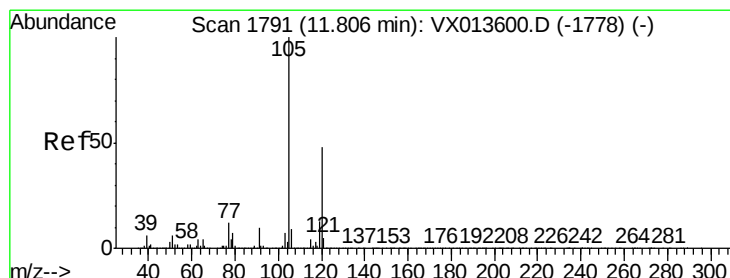
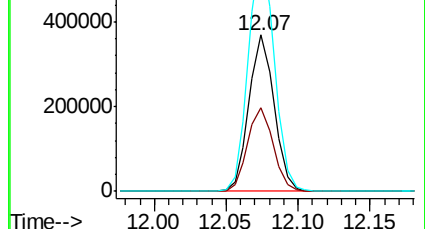
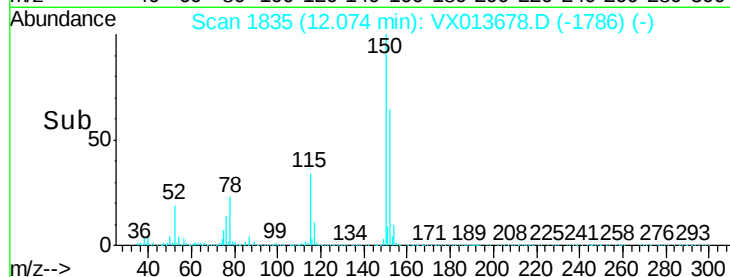
150 156.2 0.0 346.8



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



#84

1,2,4-Trimethylbenzene

Concen: 0.402 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX013678.D

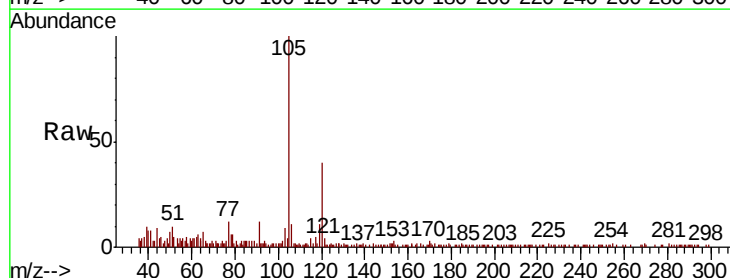
Acq: 28 Nov 2019 02:21

Tgt Ion:105 Resp: 10397

Ion Ratio Lower Upper

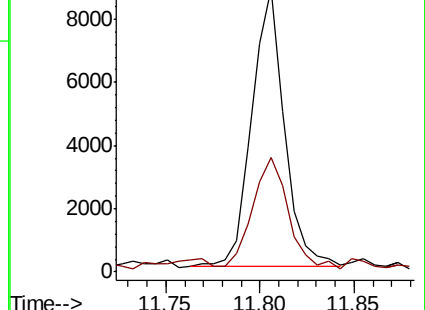
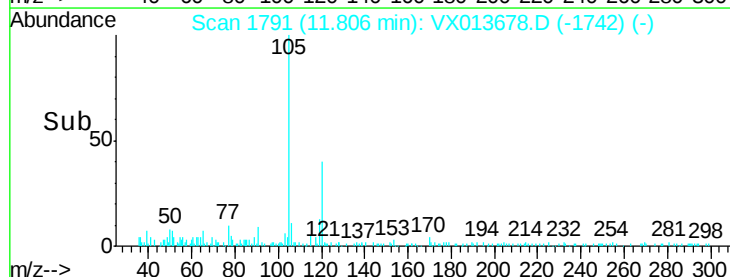
105 100

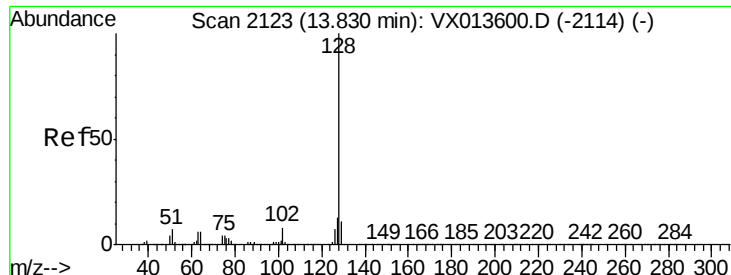
120 44.3 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 2.643 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

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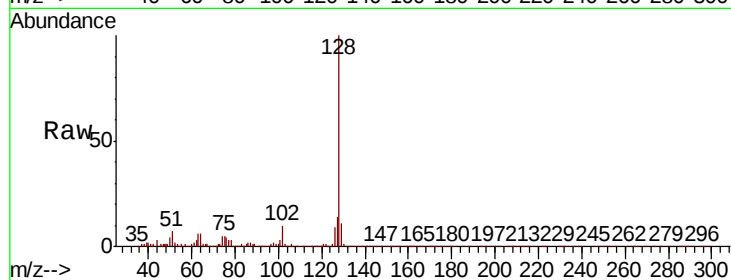
Tot Ion:128 Resp: 79357

Ion Ratio Lower Upper

128 100

127 14.3 10.3 15.5

129 10.3 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

