

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120319\
 Data File : VX013720.D
 Acq On : 03 Dec 2019 13:23
 Operator : JC/SP
 Sample : PB125179TB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB125179TB

Quant Time: Dec 03 15:47:09 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

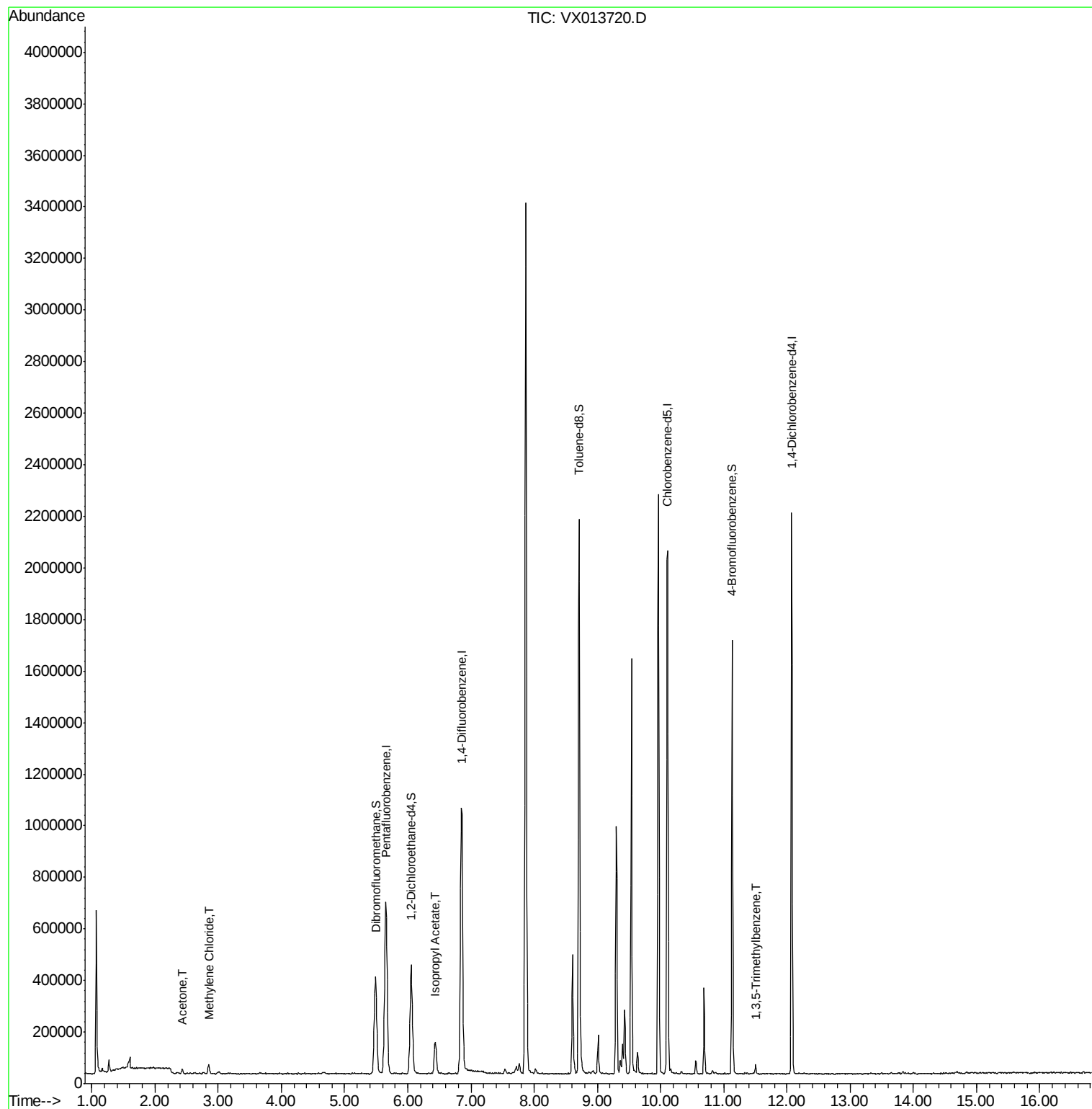
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	701778	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1067749	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	964043	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	439542	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	385626	47.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.68%	
35) Dibromofluoromethane	5.49	113	322010	48.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.56%	
50) Toluene-d8	8.71	98	1274831	49.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.14%	
62) 4-Bromofluorobenzene	11.13	95	440209	47.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.94%	
Target Compounds						
16) Acetone	2.43	43	18287	4.547	ug/l	99
20) Methylene Chloride	2.85	84	15939	2.063	ug/l	97
43) Isopropyl Acetate	6.43	43	169907	9.491	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	16138	0.639	ug/l	98

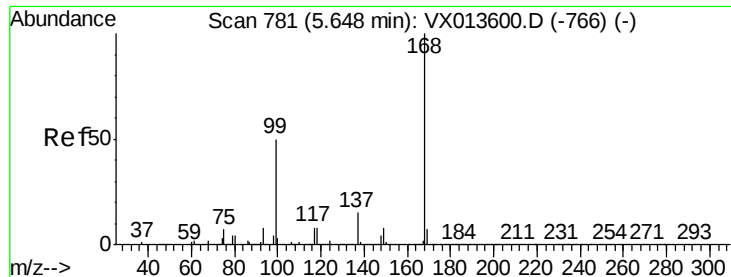
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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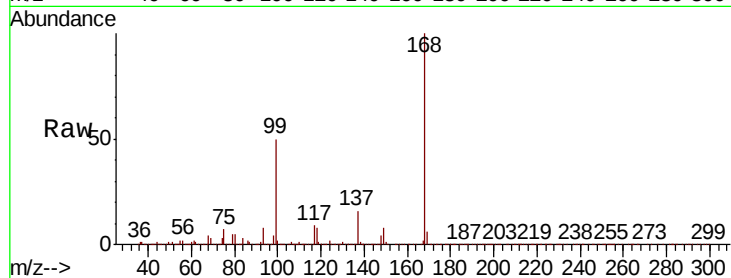


#1

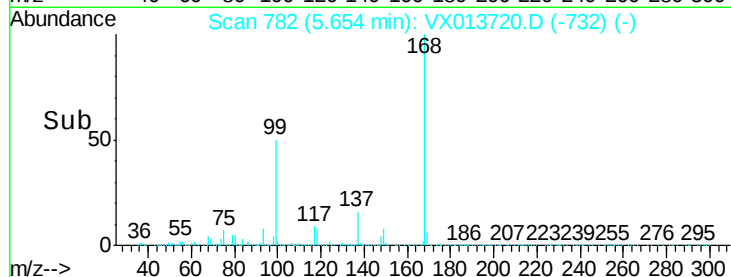
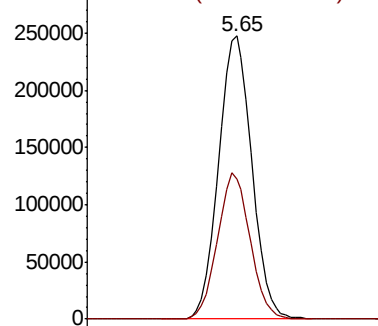
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. 0.01 min
 Lab File: VX013720.D
 Acq: 03 Dec 2019 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 PB125179TB

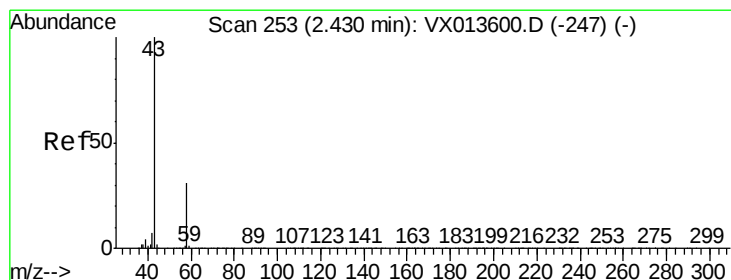
Tot Ion:168 Resp: 701778
 Ion Ratio Lower Upper
 168 100
 99 49.6 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VX0



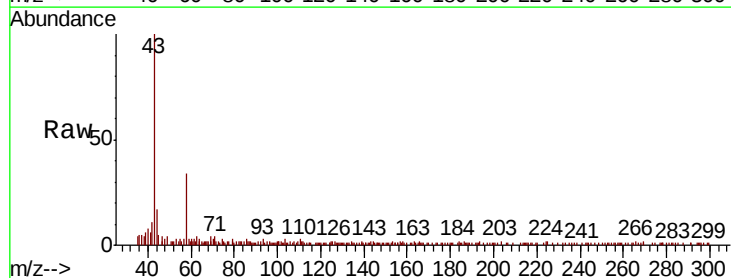
Time-->



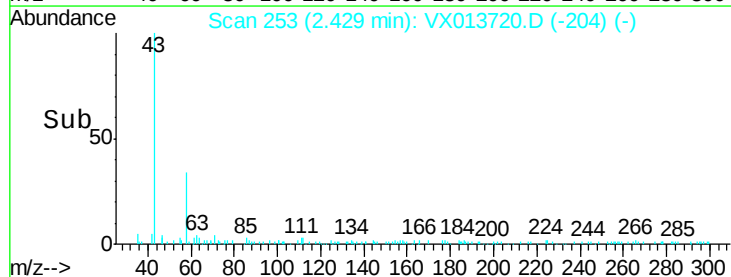
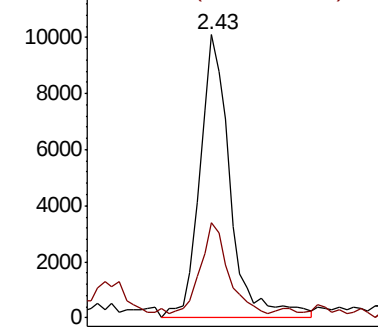
#16

Acetone
 Concen: 4.547 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. -0.00 min
 Lab File: VX013720.D
 Acq: 03 Dec 2019 13:23

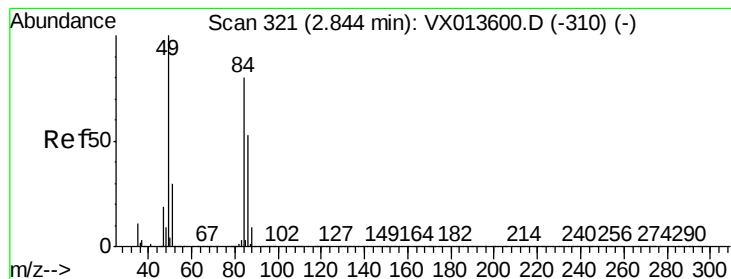
Tgt Ion: 43 Resp: 18287
 Ion Ratio Lower Upper
 43 100
 58 31.2 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0



Time-->



#20

Methylene Chloride

Concen: 2.063 ug/l

RT: 2.85 min Scan# 322

Delta R.T. 0.01 min

Lab File: VX013720.D

Acq: 03 Dec 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

PB125179TB

Tot Ion: 84 Resp: 15939

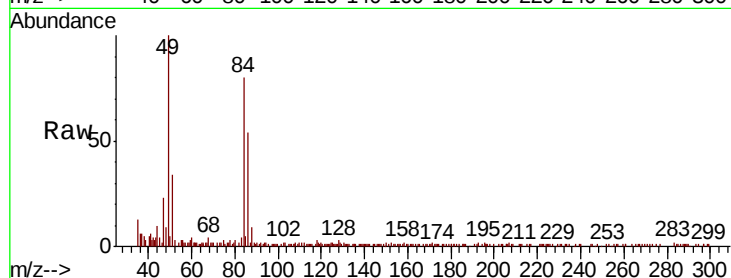
Ion Ratio Lower Upper

84 100

49 120.2 99.7 149.5

51 38.3 29.9 44.9

86 67.9 52.2 78.4

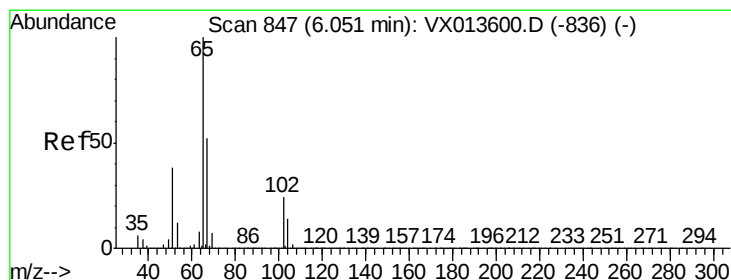
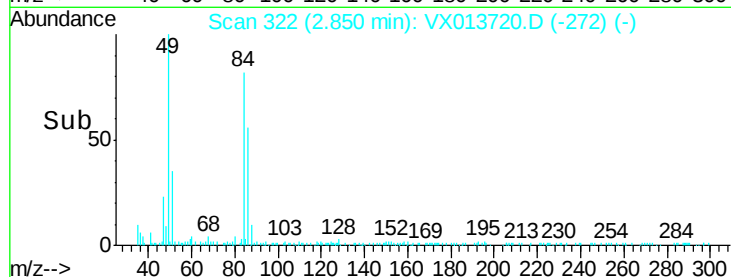
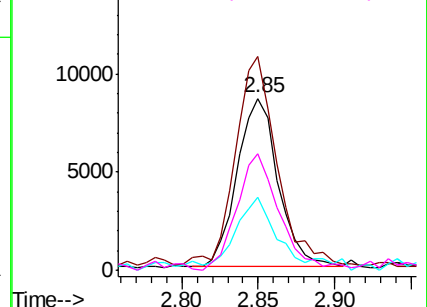


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 47.339 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013720.D

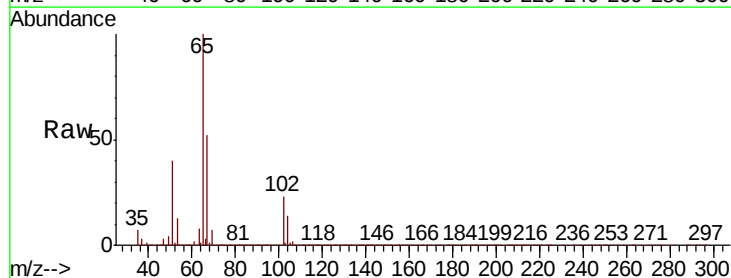
Acq: 03 Dec 2019 13:23

Tgt Ion: 65 Resp: 385626

Ion Ratio Lower Upper

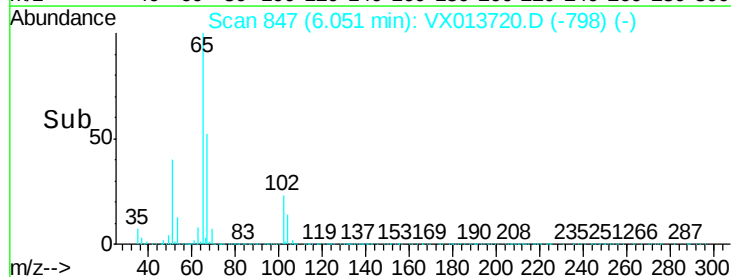
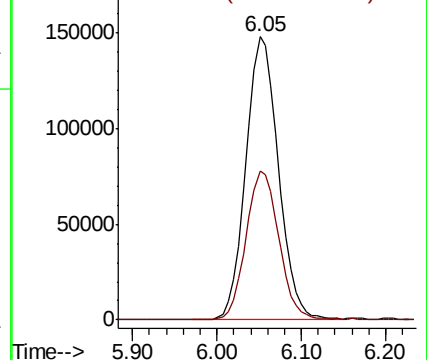
65 100

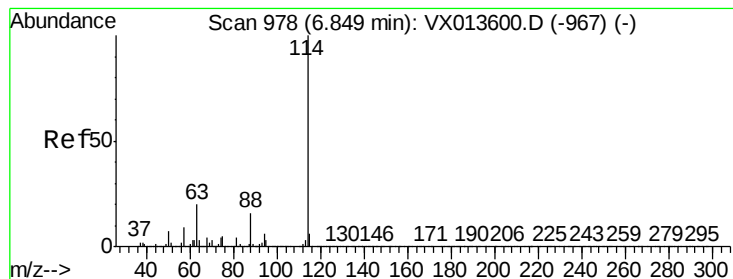
67 53.5 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013720.D

Acq: 03 Dec 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

PB125179TB

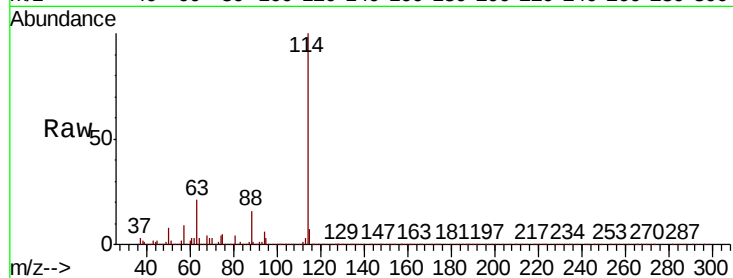
Tot Ion:114 Resp: 1067749

Ion Ratio Lower Upper

114 100

63 20.6 0.0 39.6

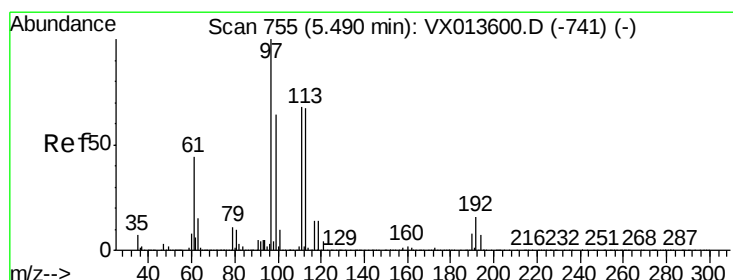
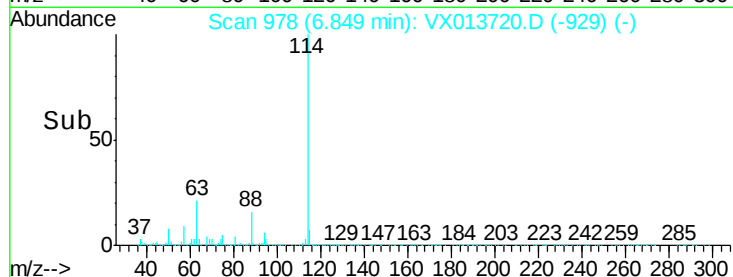
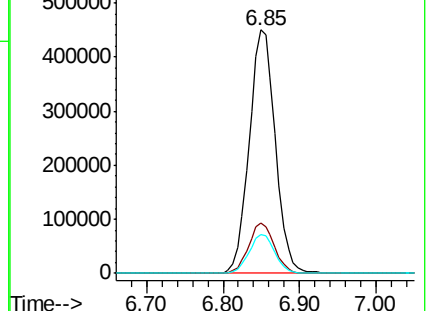
88 15.8 0.0 31.4



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



#35

Dibromofluoromethane

Concen: 48.782 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013720.D

Acq: 03 Dec 2019 13:23

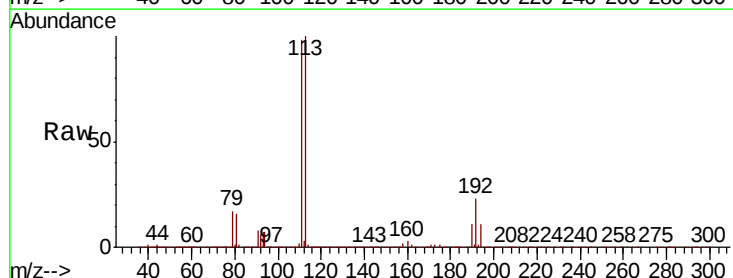
Tgt Ion:113 Resp: 322010

Ion Ratio Lower Upper

113 100

111 101.2 83.6 125.4

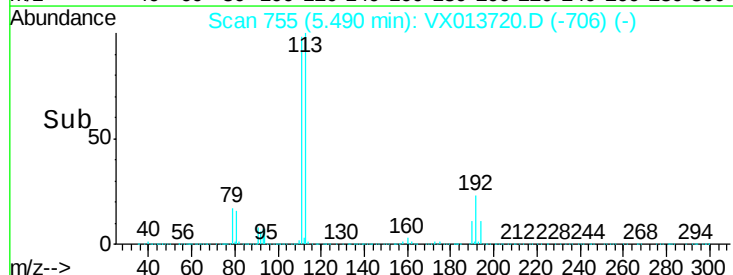
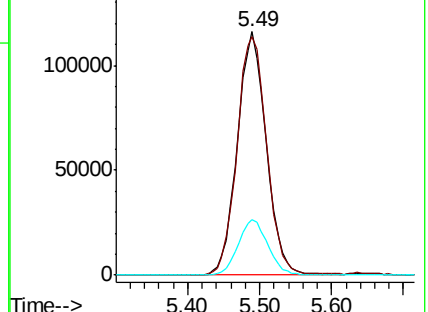
192 23.1 19.2 28.8

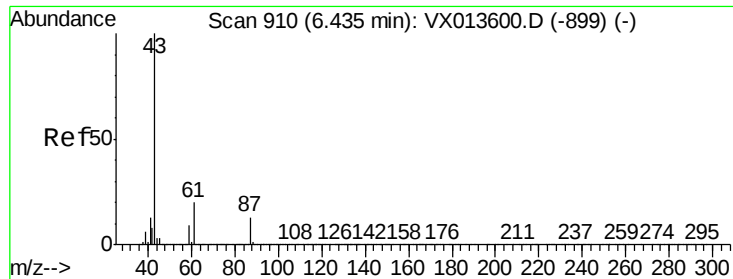


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 9.491 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX013720.D

Acq: 03 Dec 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

PB125179TB

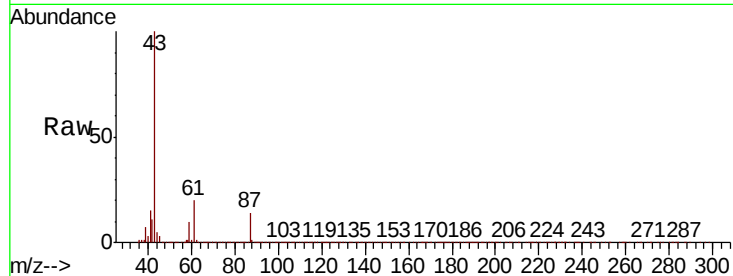
Tot Ion: 43 Resp: 169907

Ion Ratio Lower Upper

43 100

61 20.0 16.3 24.5

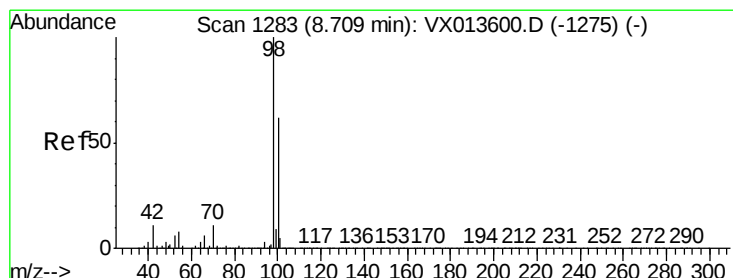
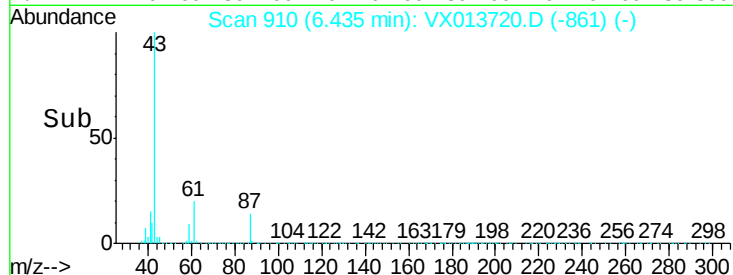
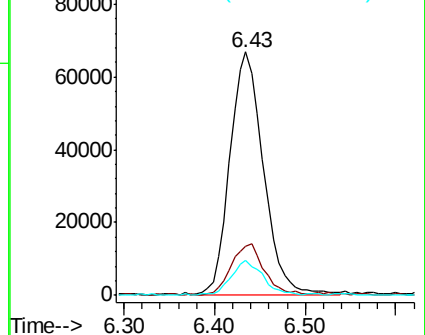
87 13.2 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 49.569 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013720.D

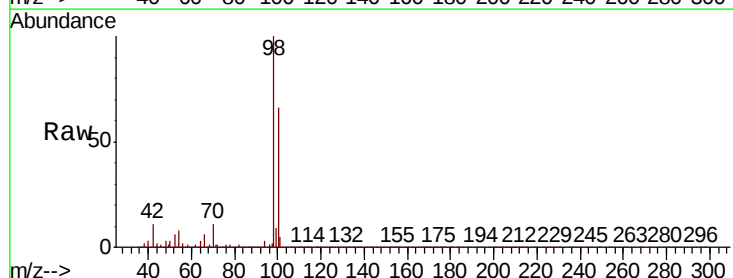
Acq: 03 Dec 2019 13:23

Tgt Ion: 98 Resp: 1274831

Ion Ratio Lower Upper

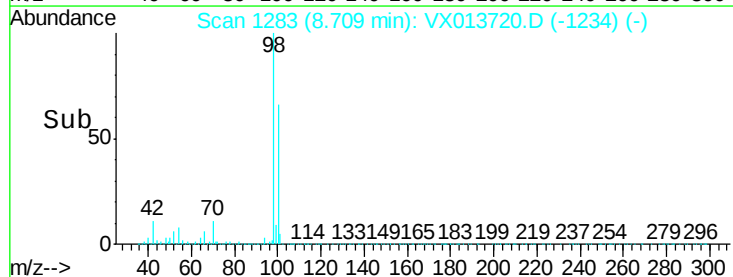
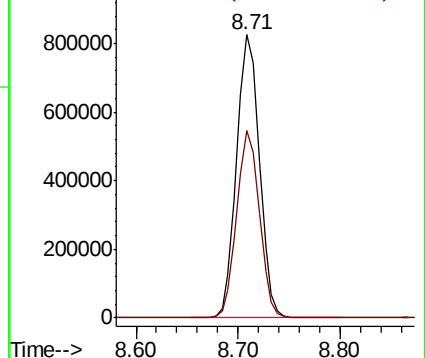
98 100

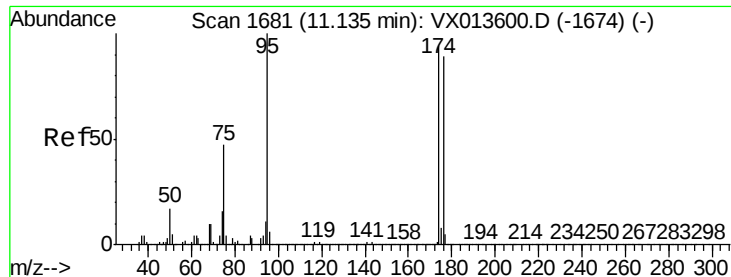
100 65.6 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 47.467 ug/l

RT: 11.13 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013720.D

Acq: 03 Dec 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

PB125179TB

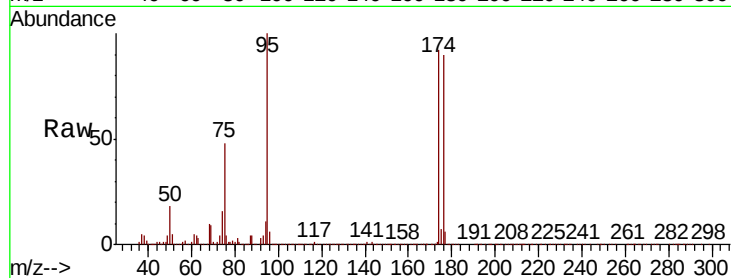
Tot Ion: 95 Resp: 440209

Ion Ratio Lower Upper

95 100

174 87.9 0.0 180.0

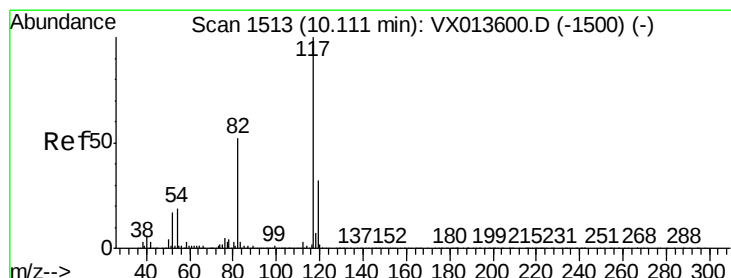
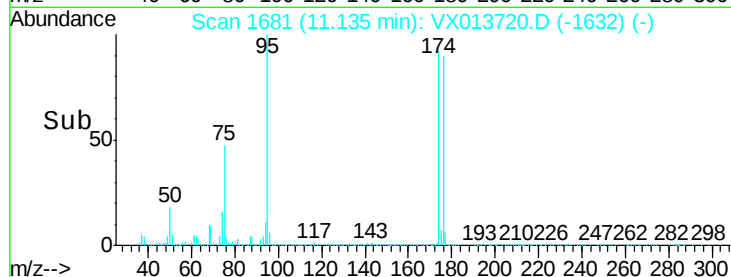
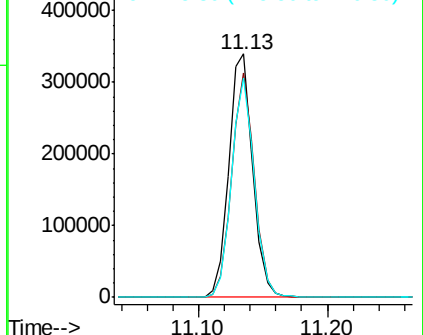
176 86.2 0.0 173.6



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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX013720.D

Acq: 03 Dec 2019 13:23

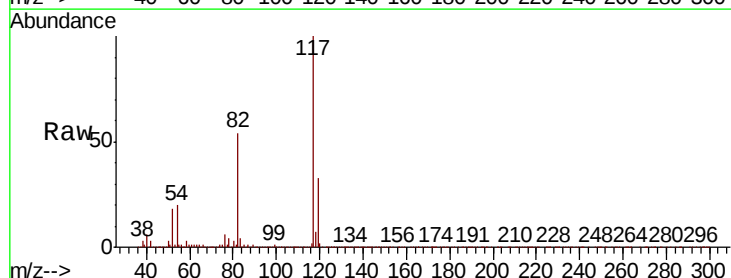
Tgt Ion: 117 Resp: 964043

Ion Ratio Lower Upper

117 100

82 54.0 41.8 62.8

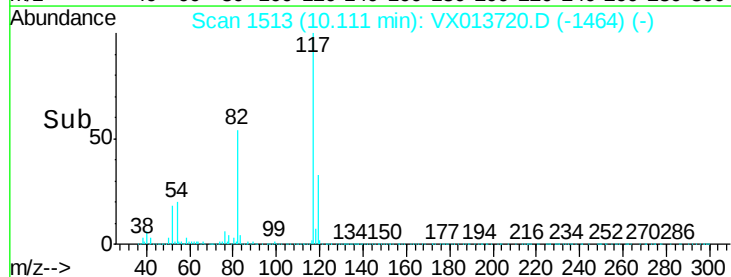
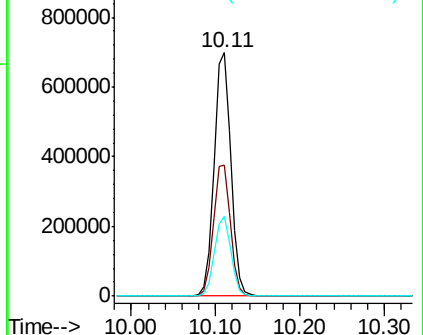
119 33.0 25.8 38.8

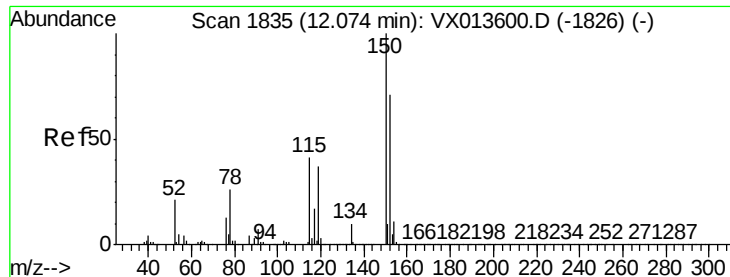


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX013720.D

Acq: 03 Dec 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

PB125179TB

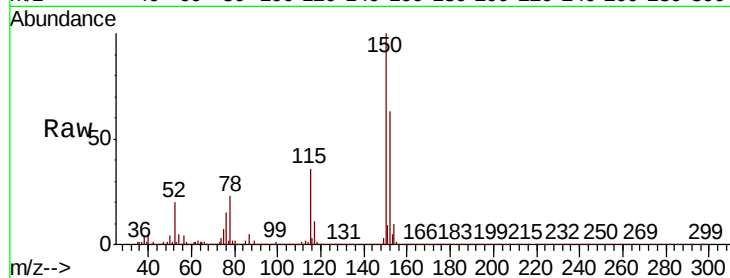
Tot Ion:152 Resp: 439542

Ion Ratio Lower Upper

152 100

115 55.4 38.4 115.1

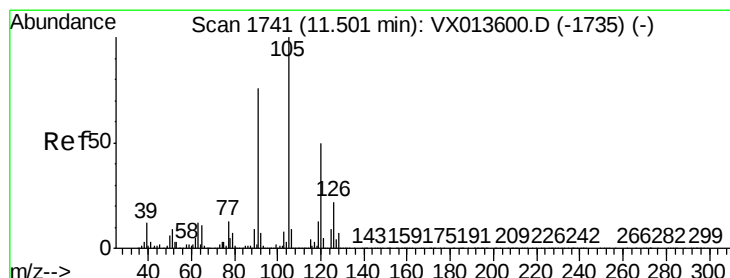
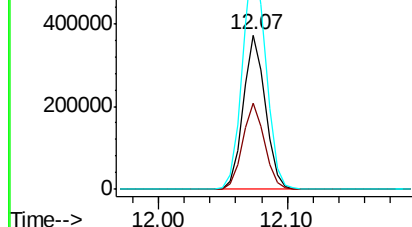
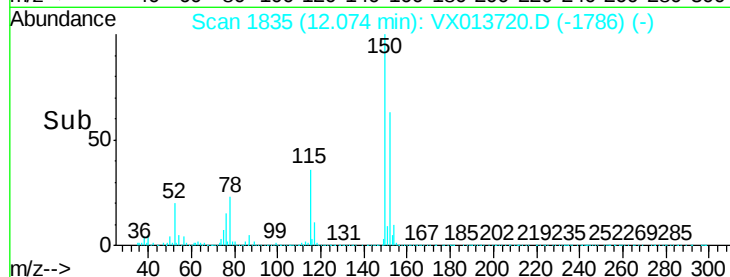
150 157.3 0.0 346.8



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



#80

1,3,5-Trimethylbenzene

Concen: 0.639 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013720.D

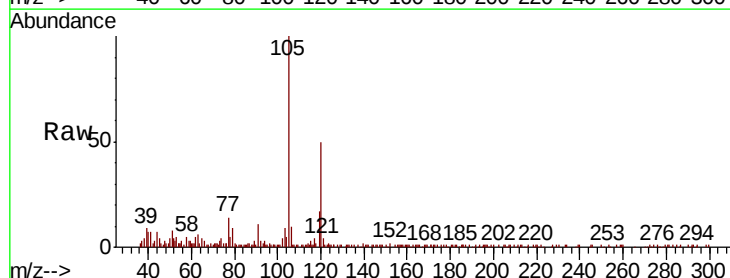
Acq: 03 Dec 2019 13:23

Tgt Ion:105 Resp: 16138

Ion Ratio Lower Upper

105 100

120 51.9 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

