

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012619\
 Data File : VX007240.D
 Acq On : 25 Jan 2019 20:15
 Operator : JC/SP
 Sample : PB116609ZHE#06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB116609ZHE#06

Quant Time: Jan 28 01:09:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	535792	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	824247	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	812377	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	392921	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	289217	51.65	ug/l	0.00
Spiked Amount			Recovery	=	103.30%	
35) Dibromofluoromethane	5.51	113	259051	49.08	ug/l	0.00
Spiked Amount			Recovery	=	98.16%	
50) Toluene-d8	8.71	98	1016619	52.62	ug/l	0.00
Spiked Amount			Recovery	=	105.24%	
62) 4-Bromofluorobenzene	11.13	95	358414	53.21	ug/l	0.00
Spiked Amount			Recovery	=	106.42%	

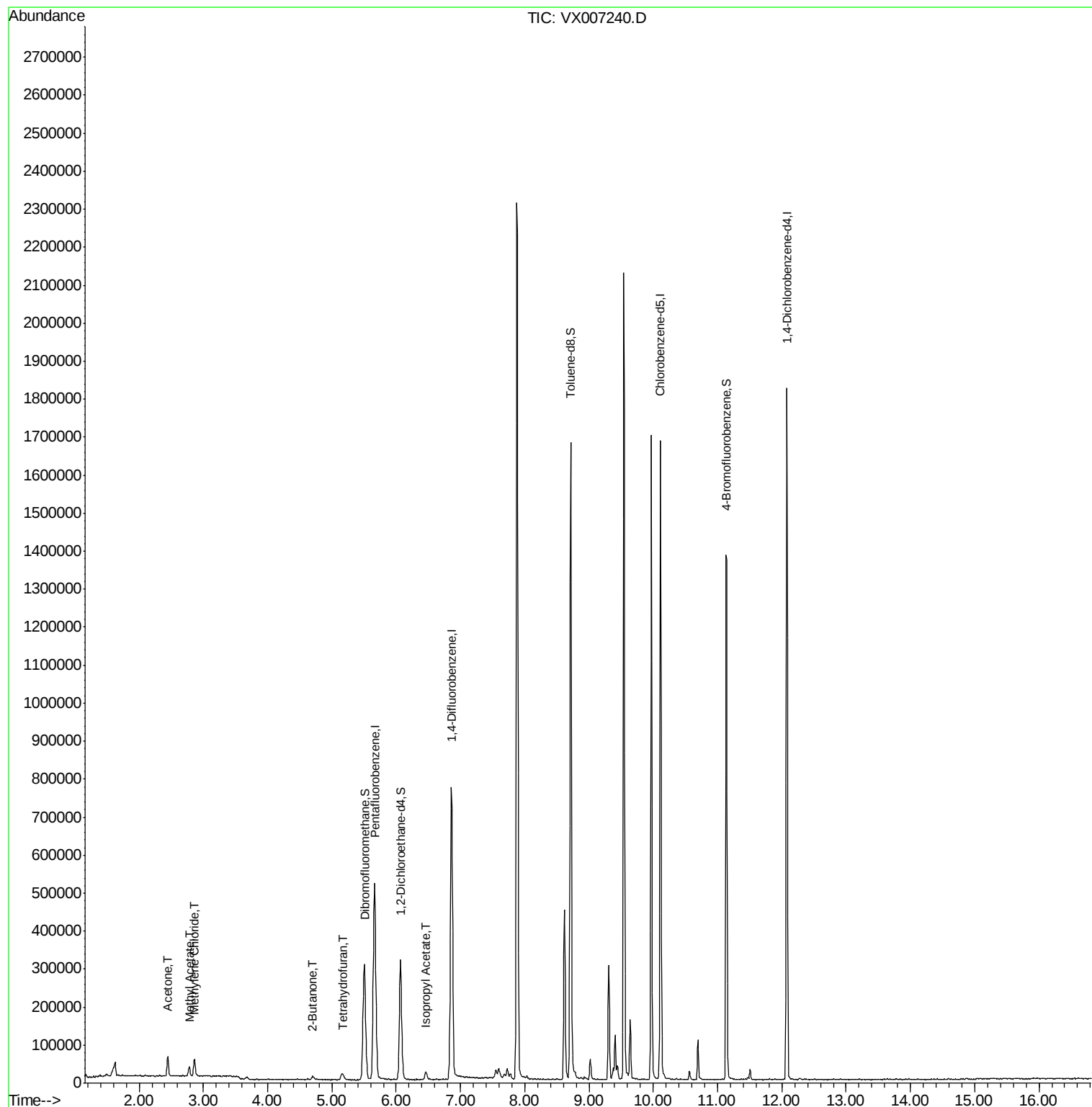
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	57120	20.634	ug/l	94
18) Methyl Acetate	2.78	43	31151	3.886	ug/l	98
20) Methylene Chloride	2.86	84	22370	3.725	ug/l	92
25) 2-Butanone	4.70	43	14399	3.635	ug/l	99
29) Tetrahydrofuran	5.16	42	13731	5.334	ug/l	94
43) Isopropyl Acetate	6.46	43	26752	2.208	ug/l	96

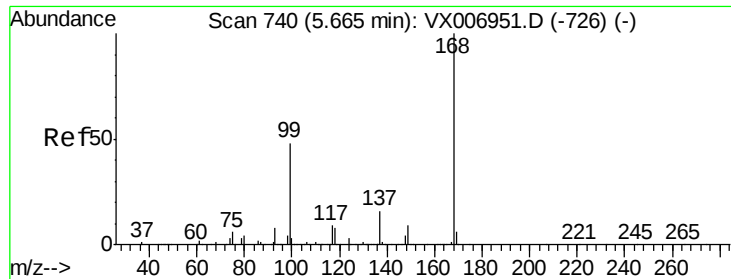
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 28 01:09:58 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007240.D

Acq: 25 Jan 2019 20:15

Instrument :

MSVOA_X

ClientSampleId :

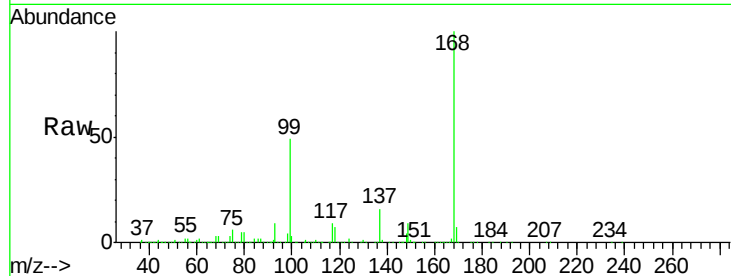
PB116609ZHE#06

Tot Ion:168 Resp: 535792

Ion Ratio Lower Upper

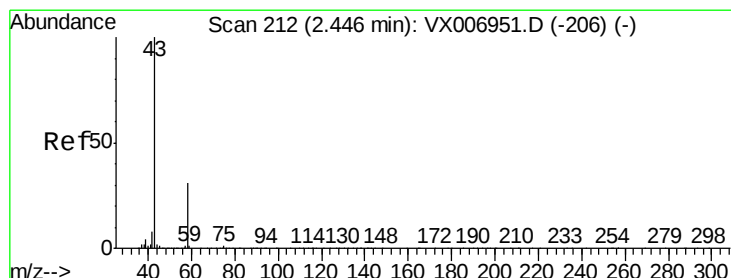
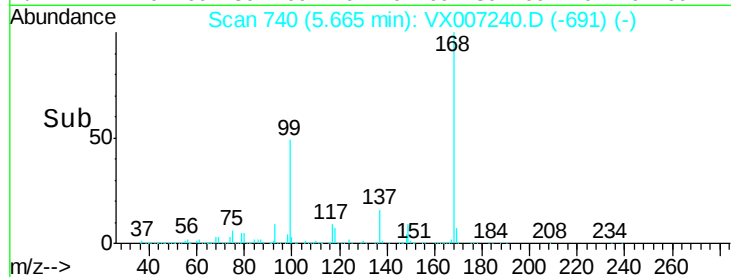
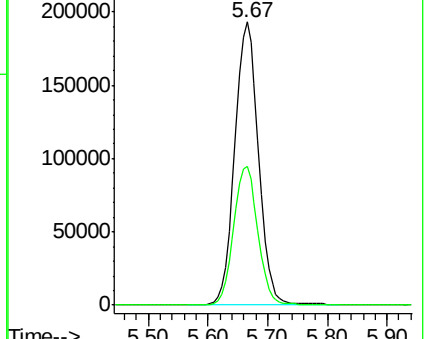
168 100

99 48.8 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 20.634 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007240.D

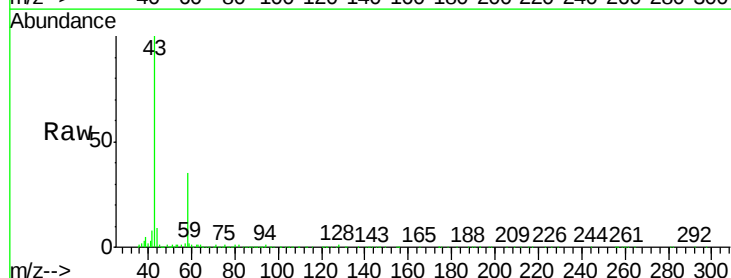
Acq: 25 Jan 2019 20:15

Tgt Ion: 43 Resp: 57120

Ion Ratio Lower Upper

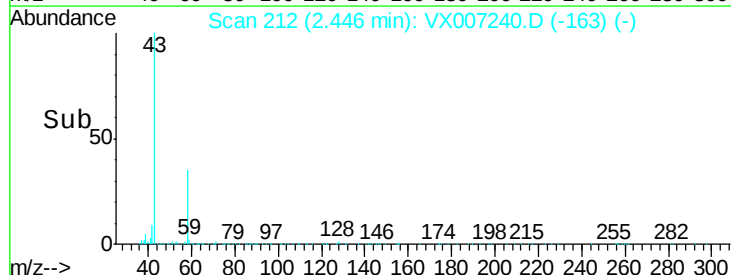
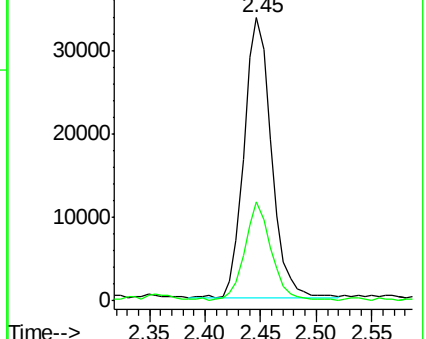
43 100

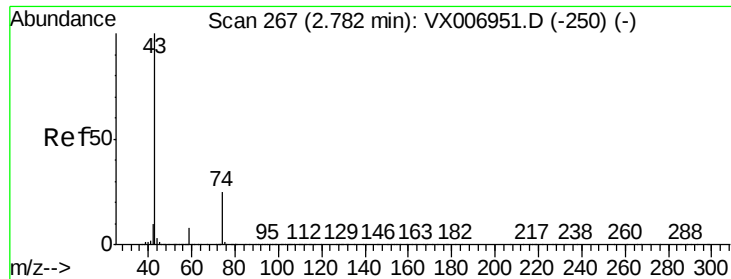
58 34.9 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

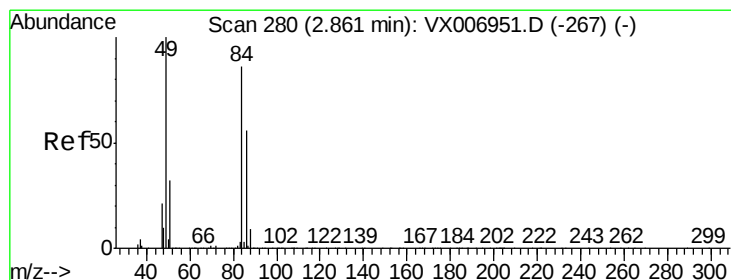
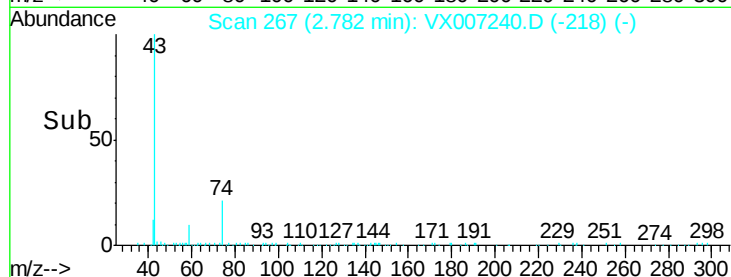
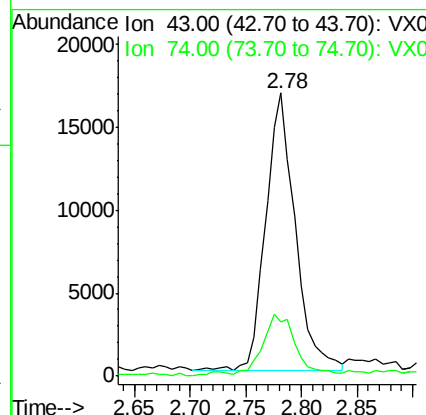
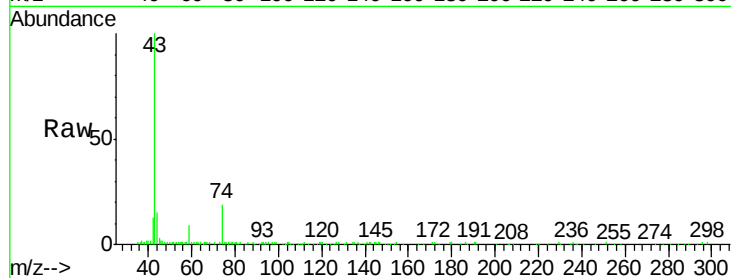




#18
Methyl Acetate
Concen: 3.886 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX007240.D
Acq: 25 Jan 2019 20:15

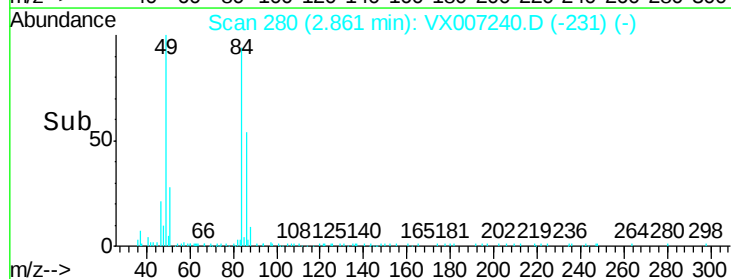
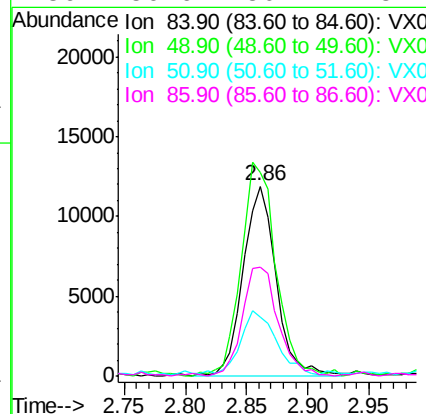
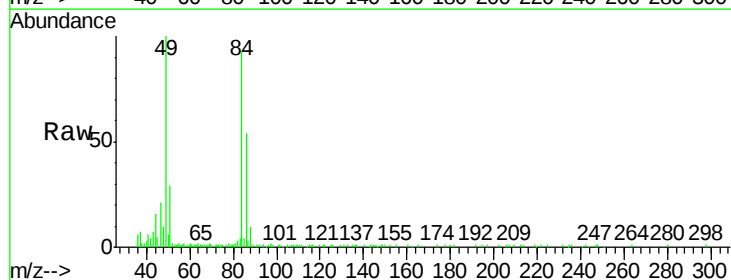
Instrument :
MSVOA_X
ClientSampleId :
PB116609ZHE#06

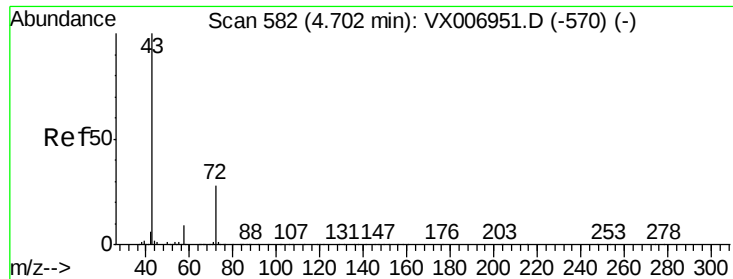
Tot Ion: 43 Resp: 31151
Ion Ratio Lower Upper
43 100
74 24.1 18.6 28.0



#20
Methylene Chloride
Concen: 3.725 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007240.D
Acq: 25 Jan 2019 20:15

Tgt Ion: 84 Resp: 22370
Ion Ratio Lower Upper
84 100
49 107.3 91.8 137.6
51 29.8 28.5 42.7
86 56.6 50.2 75.2





#25

2-Butanone

Concen: 3.635 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX007240.D

Acq: 25 Jan 2019 20:15

Instrument :

MSVOA_X

ClientSampleId :

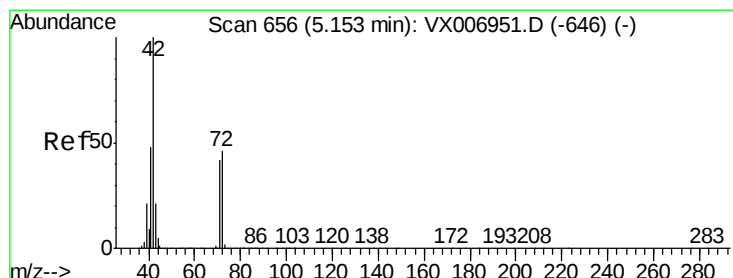
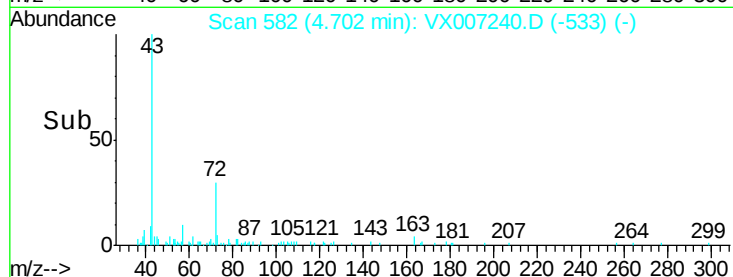
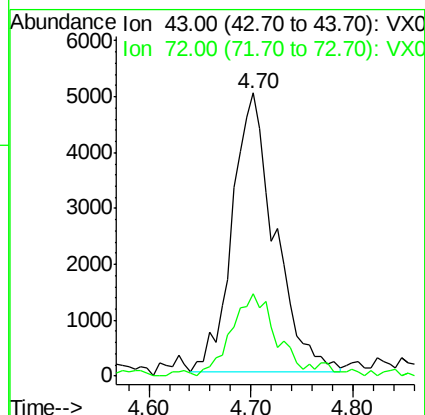
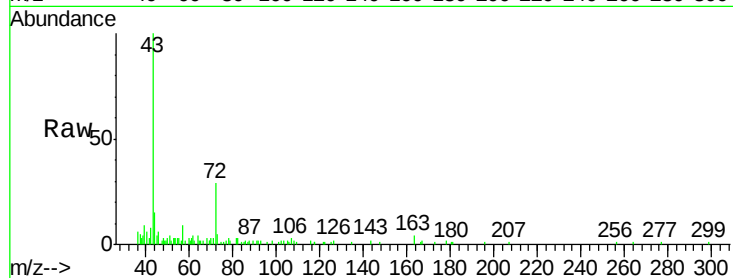
PB116609ZHE#06

Tot Ion: 43 Resp: 14399

Ion Ratio Lower Upper

43 100

72 28.5 22.4 33.6



#29

Tetrahydrofuran

Concen: 5.334 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX007240.D

Acq: 25 Jan 2019 20:15

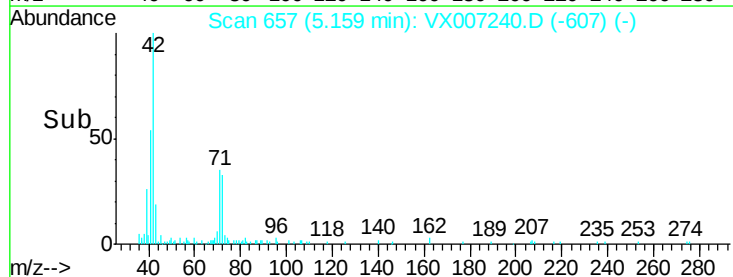
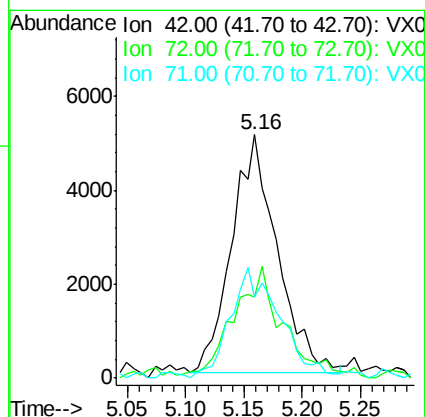
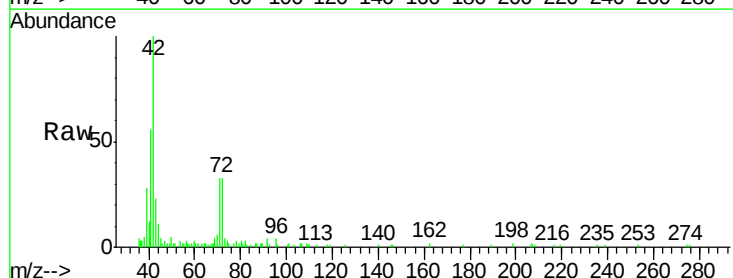
Tgt Ion: 42 Resp: 13731

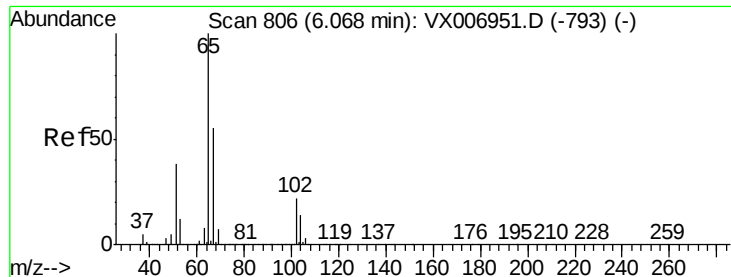
Ion Ratio Lower Upper

42 100

72 52.1 38.9 58.3

71 50.1 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 51.651 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007240.D

Acq: 25 Jan 2019 20:15

Instrument :

MSVOA_X

ClientSampleId :

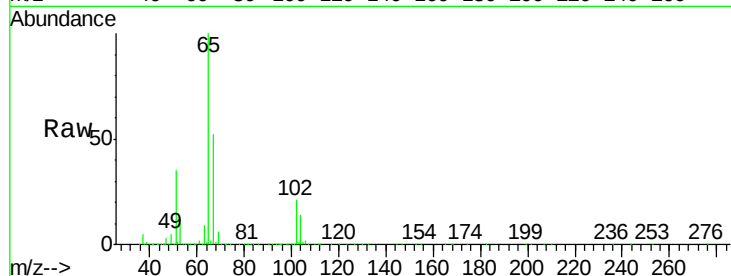
PB116609ZHE#06

Tot Ion: 65 Resp: 289217

Ion Ratio Lower Upper

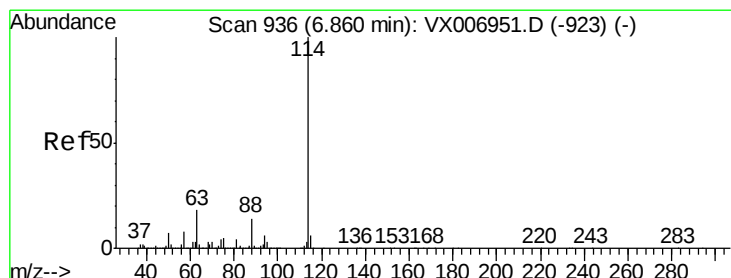
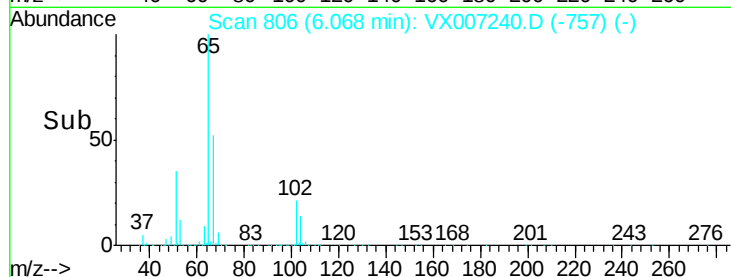
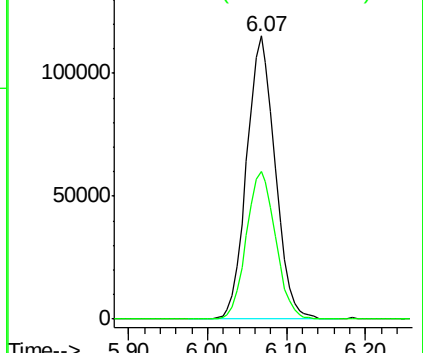
65 100

67 53.4 0.0 105.0



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: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007240.D

Acq: 25 Jan 2019 20:15

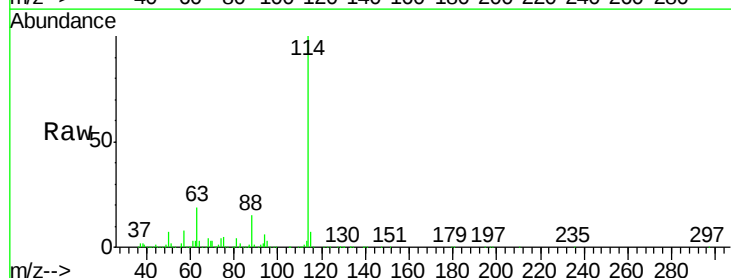
Tgt Ion: 114 Resp: 824247

Ion Ratio Lower Upper

114 100

63 18.8 0.0 34.8

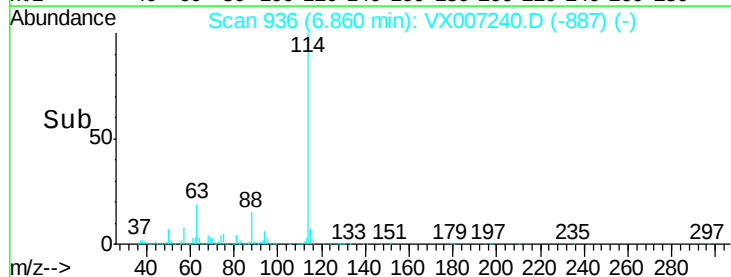
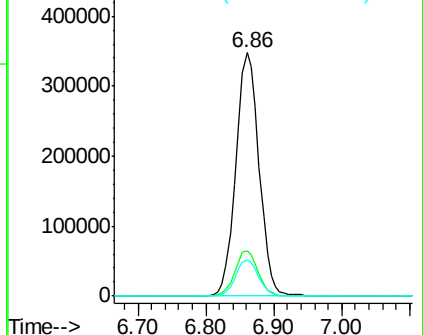
88 15.0 0.0 28.8

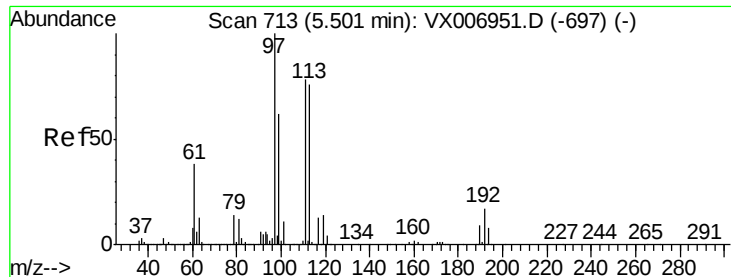


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.077 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007240.D

Acq: 25 Jan 2019 20:15

Instrument :

MSVOA_X

ClientSampleId :

PB116609ZHE#06

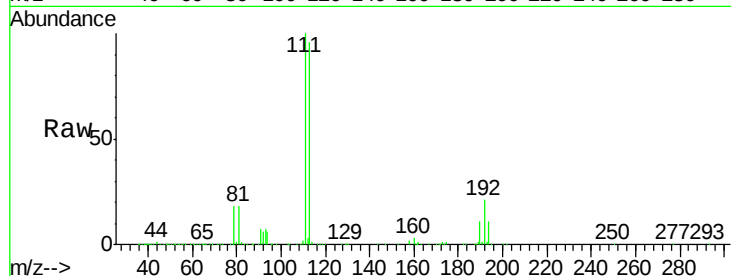
Tot Ion:113 Resp: 259051

Ion Ratio Lower Upper

113 100

111 102.2 81.6 122.4

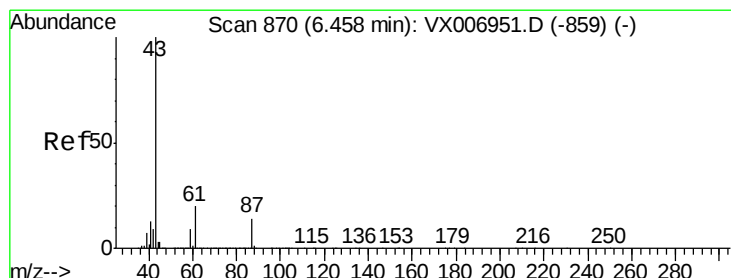
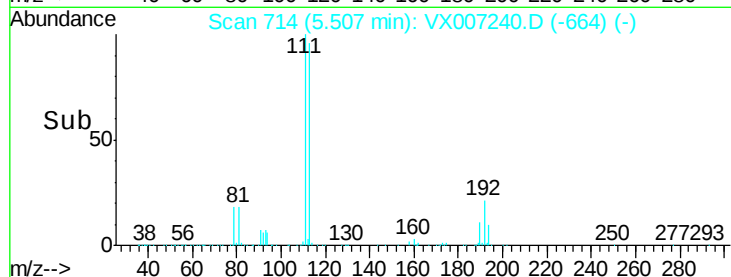
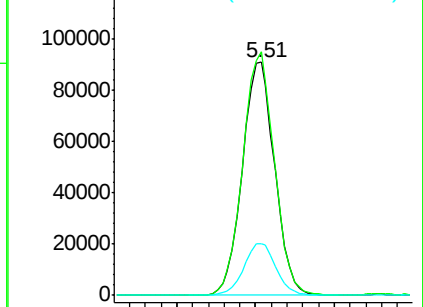
192 22.1 16.7 25.1



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: 2.208 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX007240.D

Acq: 25 Jan 2019 20:15

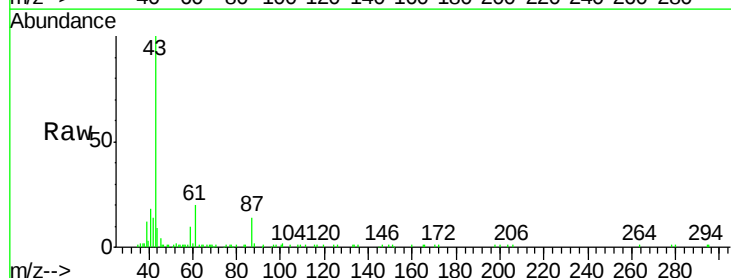
Tgt Ion: 43 Resp: 26752

Ion Ratio Lower Upper

43 100

61 23.4 16.8 25.2

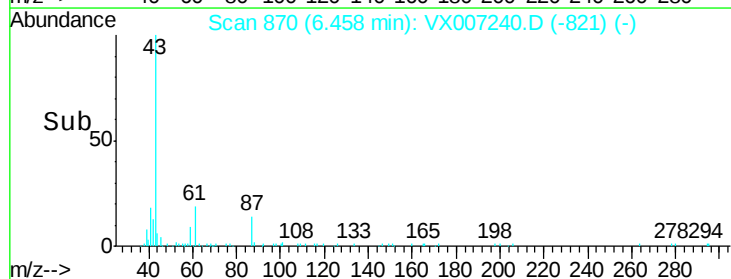
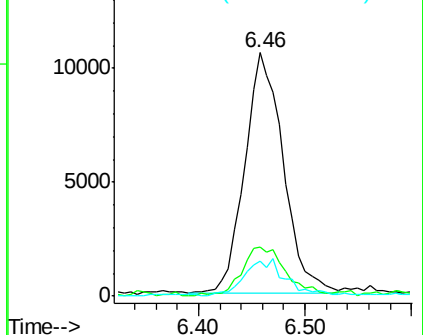
87 16.5 12.4 18.6

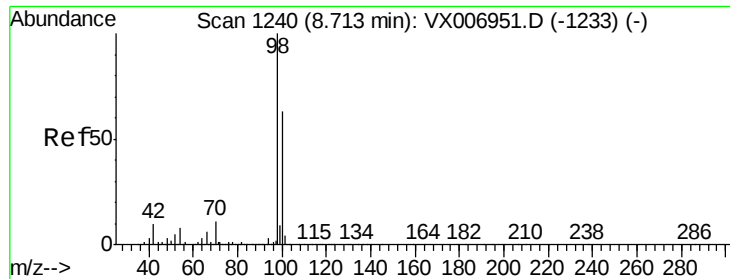


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 52.618 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007240.D

Acq: 25 Jan 2019 20:15

Instrument :

MSVOA_X

ClientSampleId :

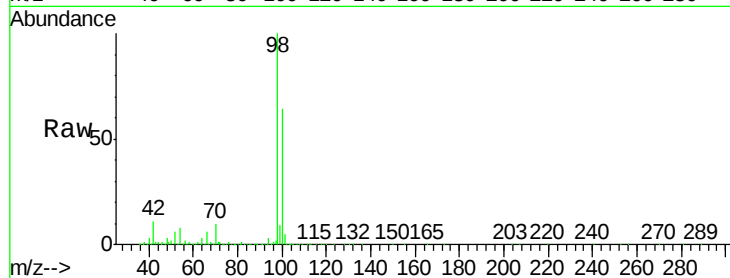
PB116609ZHE#06

Tot Ion: 98 Resp: 1016619

Ion Ratio Lower Upper

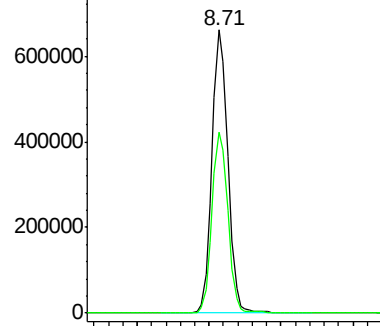
98 100

100 64.2 52.0 78.0

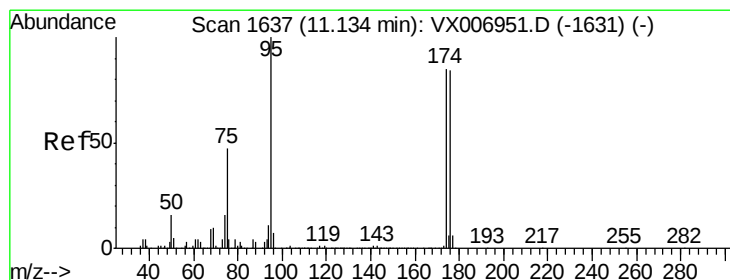
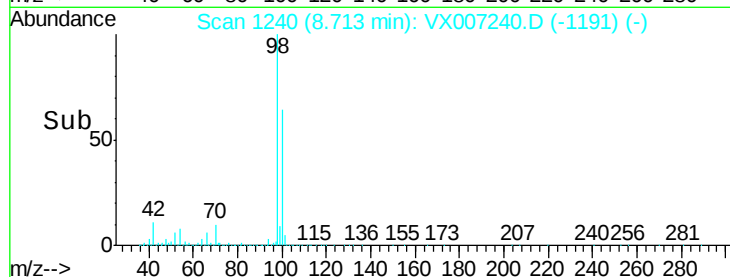


Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



Time-->



#62

4-Bromofluorobenzene

Concen: 53.211 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007240.D

Acq: 25 Jan 2019 20:15

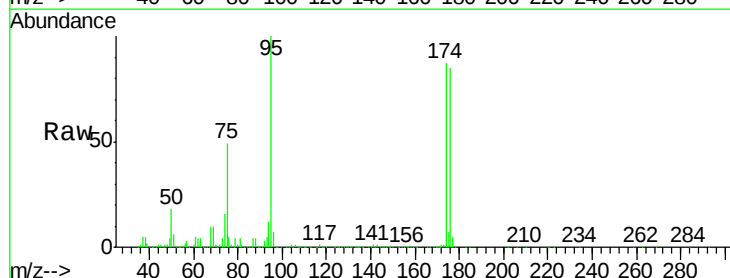
Tgt Ion: 95 Resp: 358414

Ion Ratio Lower Upper

95 100

174 94.9 0.0 182.2

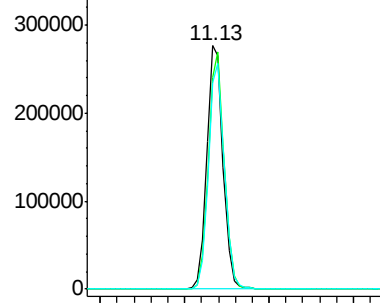
176 91.1 0.0 178.8



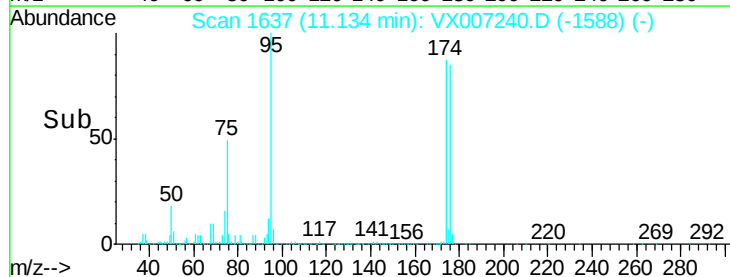
Abundance Ion 94.90 (94.60 to 95.60): VX0

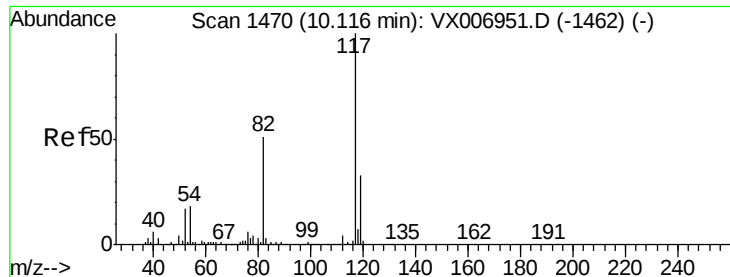
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

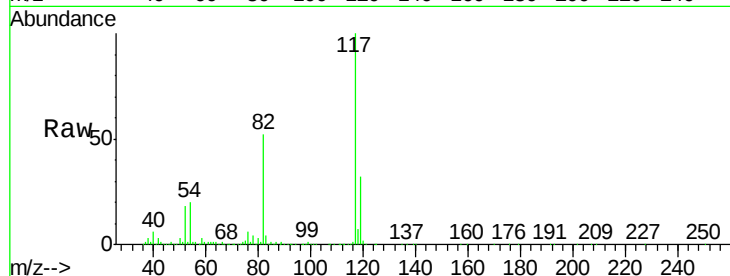




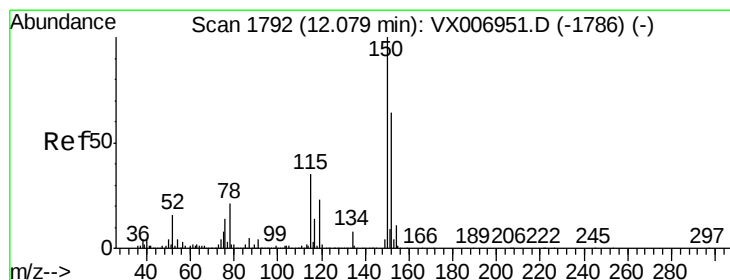
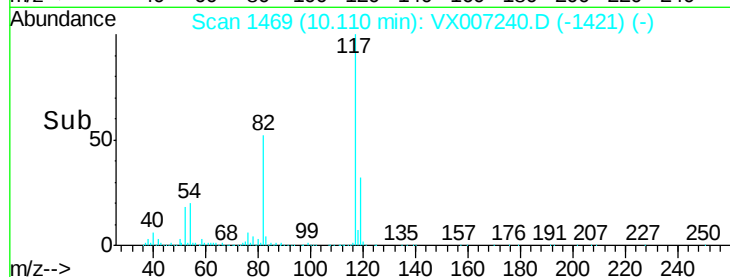
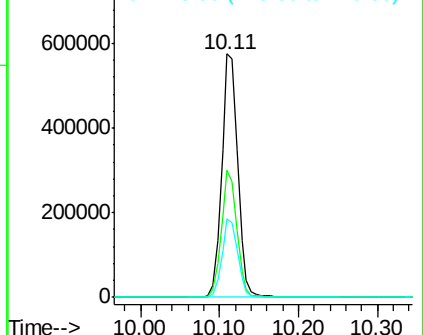
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX007240.D
Acq: 25 Jan 2019 20:15

Instrument :
MSVOA_X
ClientSampleId :
PB116609ZHE#06

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.2	41.0	61.6
119	32.3	25.4	38.0

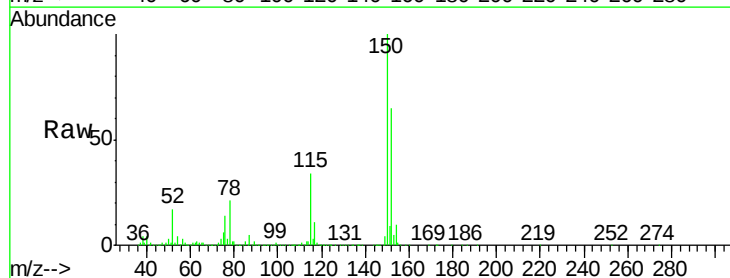


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007240.D
Acq: 25 Jan 2019 20:15

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.8	39.1	117.2
150	156.4	0.0	344.8



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

