

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010919\
 Data File : VX006963.D
 Acq On : 09 Jan 2019 14:20
 Operator : JC/MD
 Sample : K1098-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0650

Quant Time: Jan 10 01:31:43 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

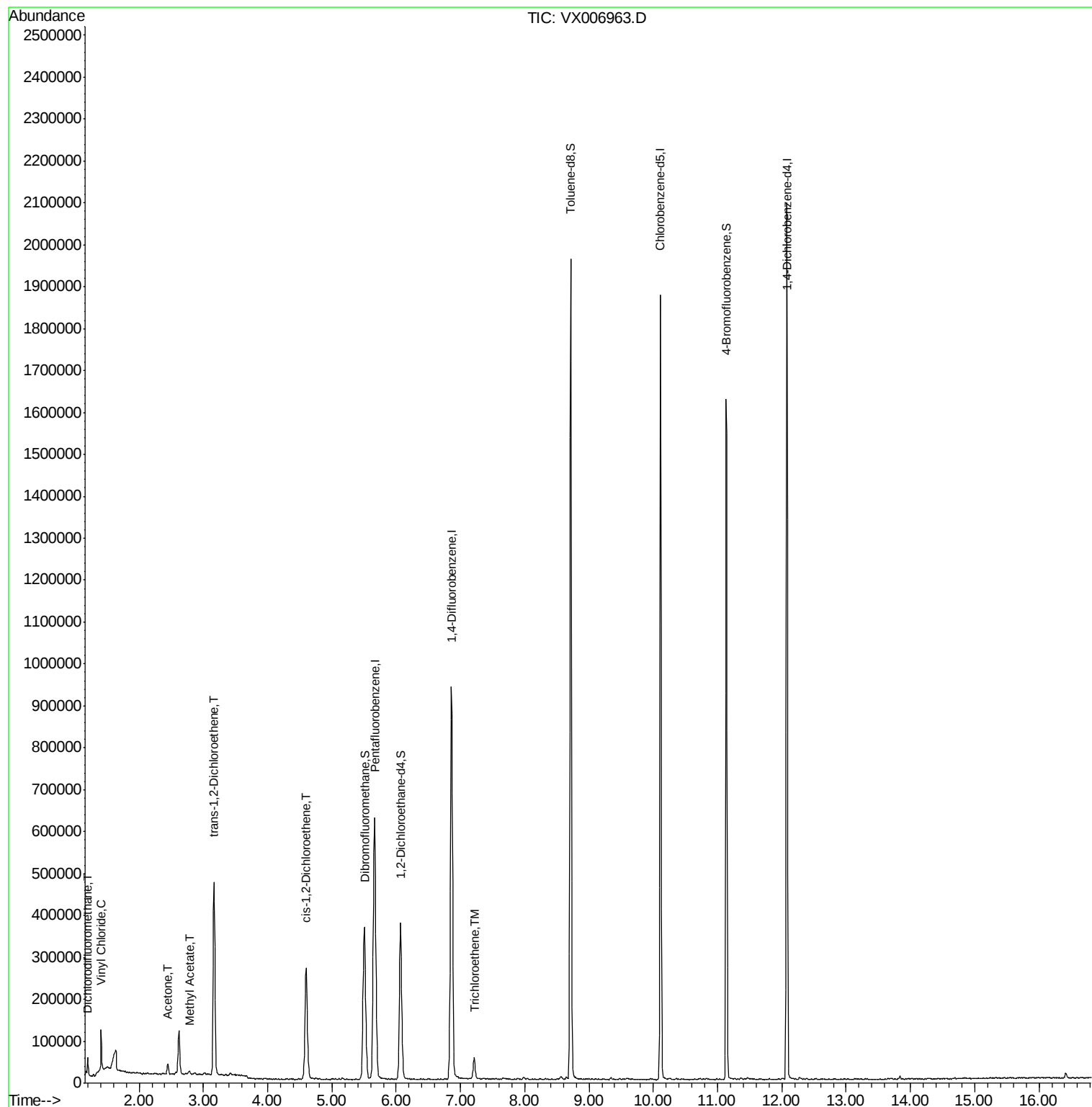
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	659714	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1001018	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	911467	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	438981	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	342226	49.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.28%	
35) Dibromofluoromethane	5.50	113	311985	48.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.34%	
50) Toluene-d8	8.71	98	1181167	50.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.68%	
62) 4-Bromofluorobenzene	11.13	95	409953	50.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.24%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.20	85	22249	4.107	ug/l	94
4) Vinyl Chloride	1.41	62	59698	8.800	ug/l	100
16) Acetone	2.45	43	28577	8.384	ug/l	96
18) Methyl Acetate	2.78	43	12038	1.220	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	189355	28.024	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	177392	23.801	ug/l	93
44) Trichloroethene	7.21	130	21235	2.669	ug/l	83

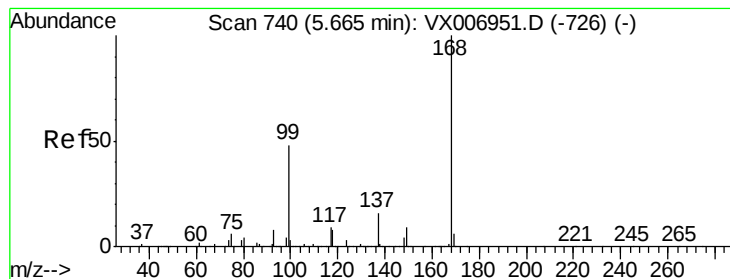
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX006963.D

Acq: 09 Jan 2019 14:20

Instrument :

MSVOA_X

ClientSampleId :

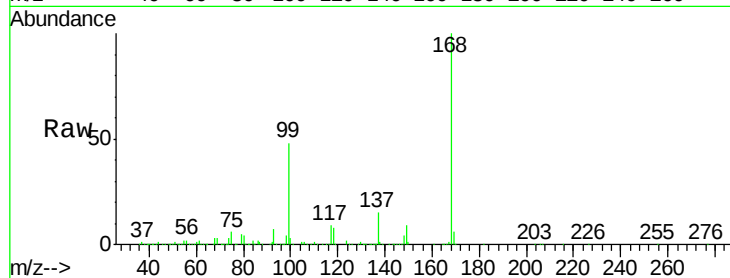
S32-0650

Tot Ion:168 Resp: 659714

Ion Ratio Lower Upper

168 100

99 48.2 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

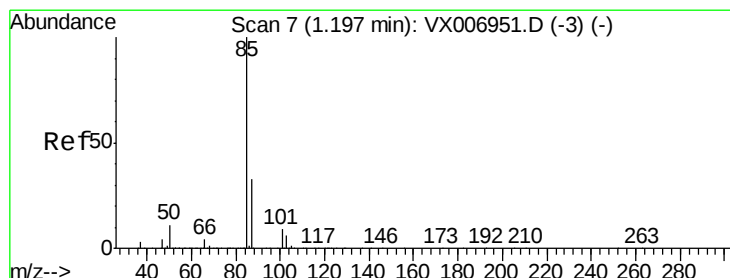
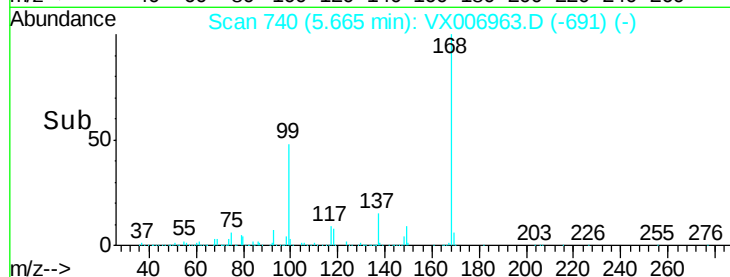
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 4.107 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX006963.D

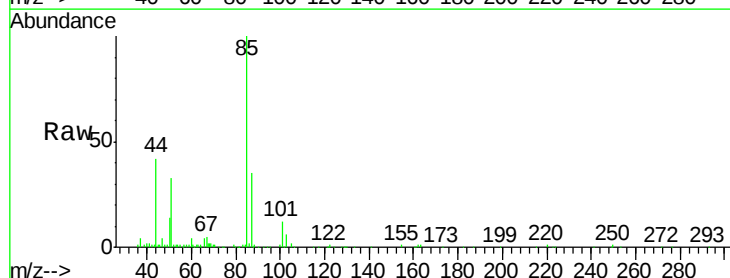
Acq: 09 Jan 2019 14:20

Tgt Ion: 85 Resp: 22249

Ion Ratio Lower Upper

85 100

87 34.8 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

20000

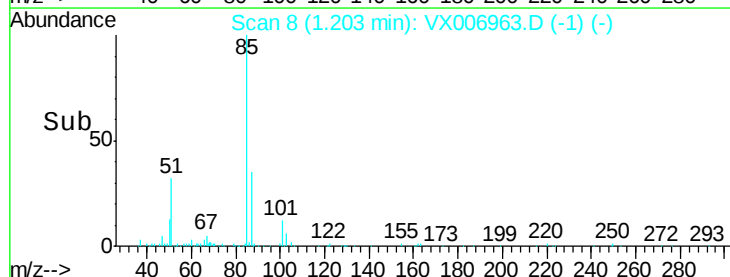
15000

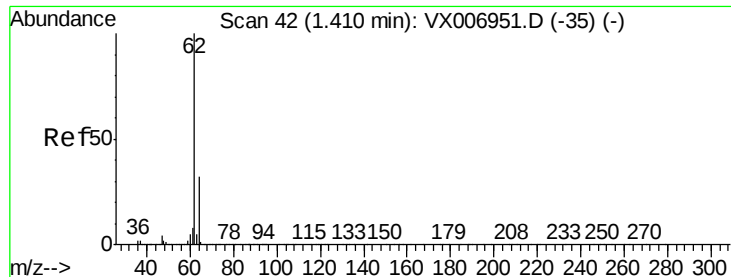
10000

5000

0

Time--> 1.15 1.20 1.25





#4

Vinyl Chloride

Concen: 8.800 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006963.D

Acq: 09 Jan 2019 14:20

Instrument :

MSVOA_X

ClientSampled :

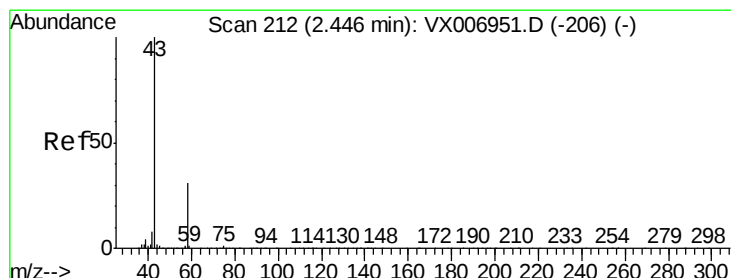
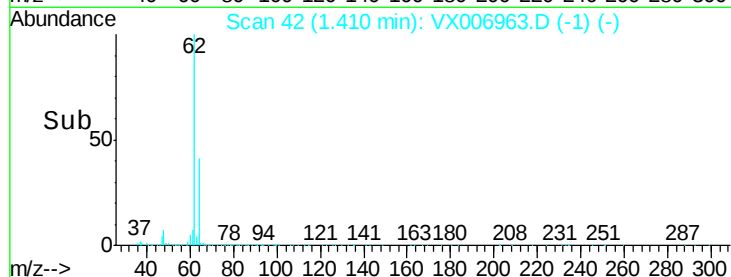
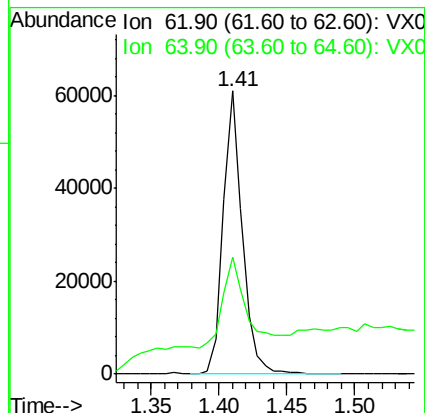
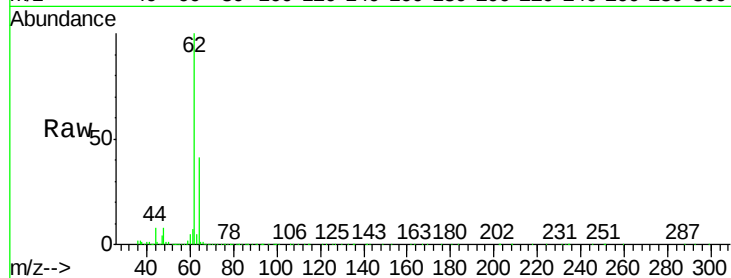
S32-0650

Tot Ion: 62 Resp: 59698

Ion Ratio Lower Upper

62 100

64 31.7 25.1 37.7



#16

Acetone

Concen: 8.384 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006963.D

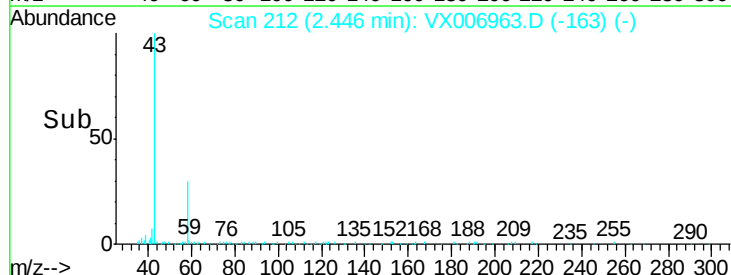
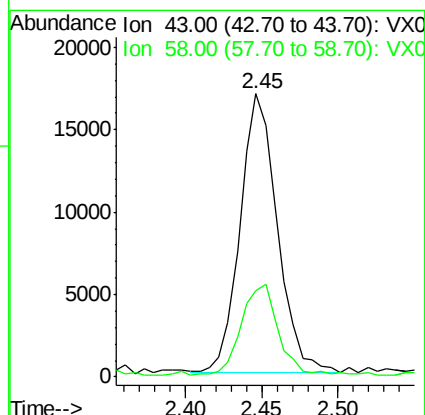
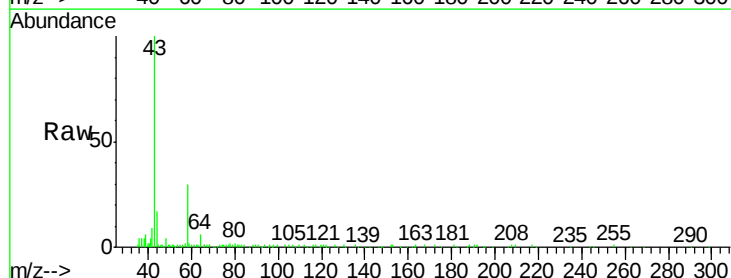
Acq: 09 Jan 2019 14:20

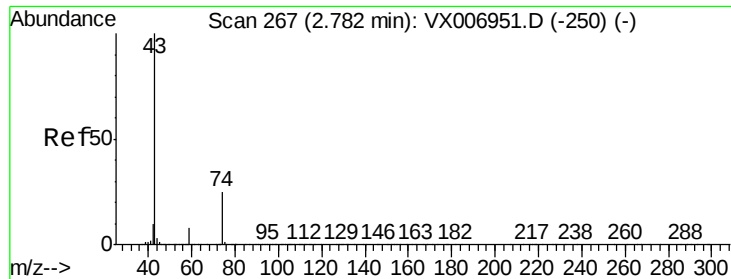
Tgt Ion: 43 Resp: 28577

Ion Ratio Lower Upper

43 100

58 29.2 25.0 37.6

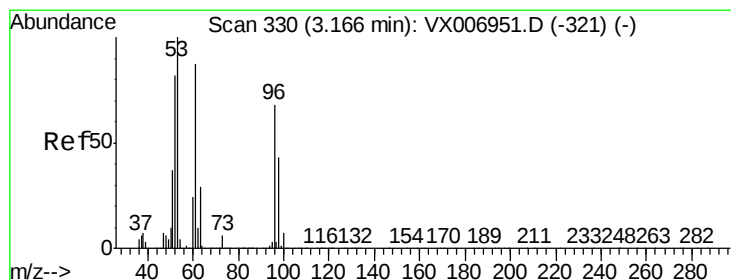
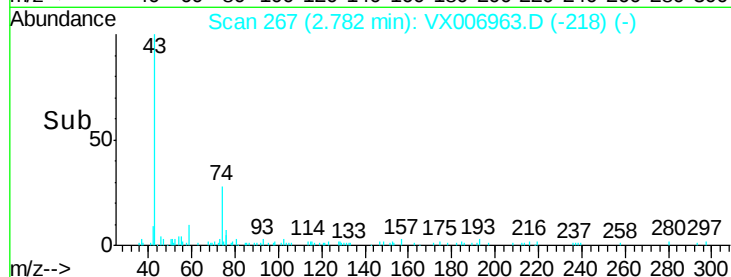
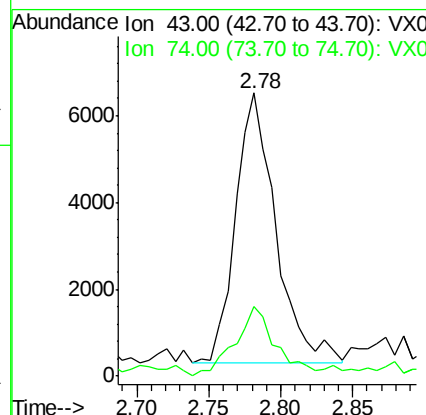
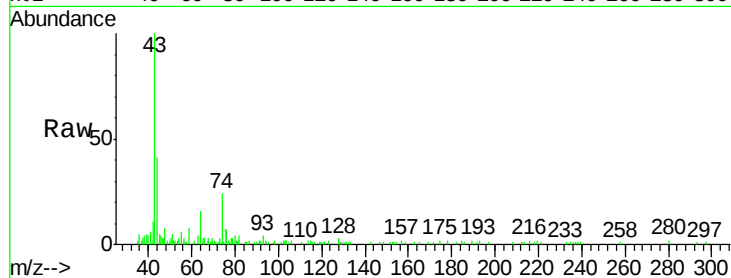




#18
Methvl Acetate
Concen: 1.220 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX006963.D
Acq: 09 Jan 2019 14:20

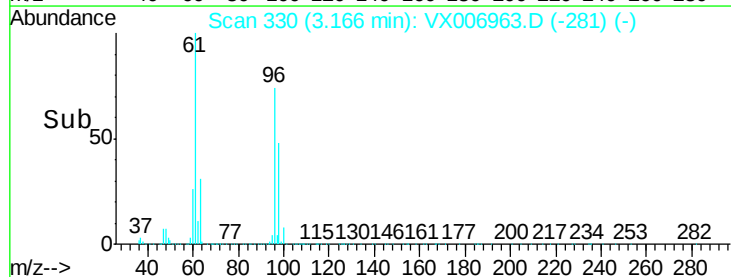
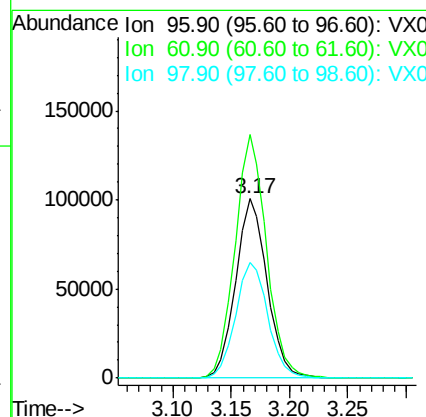
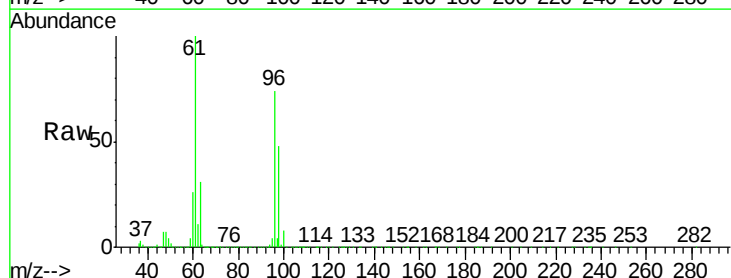
Instrument :
MSVOA_X
ClientSampleId :
S32-0650

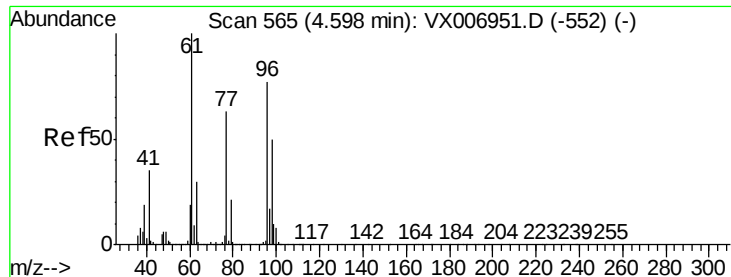
Tot Ion: 43 Resp: 12038
Ion Ratio Lower Upper
43 100
74 26.0 18.6 28.0



#21
trans-1,2-Dichloroethene
Concen: 28.024 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX006963.D
Acq: 09 Jan 2019 14:20

Tgt Ion: 96 Resp: 189355
Ion Ratio Lower Upper
96 100
61 135.6 103.7 155.5
98 64.6 51.0 76.6



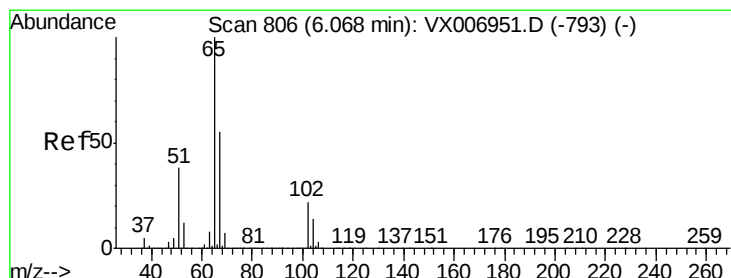
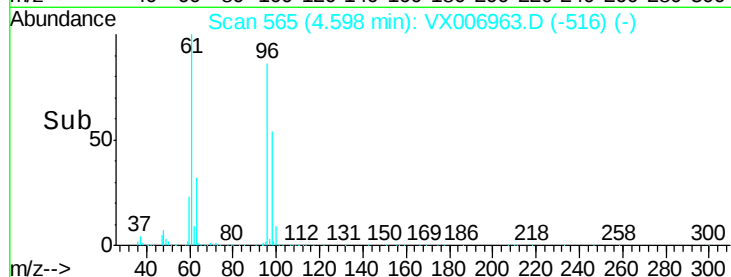
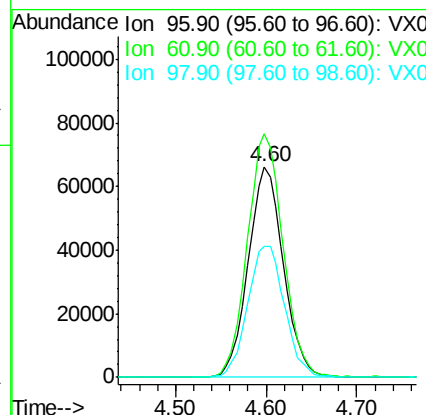
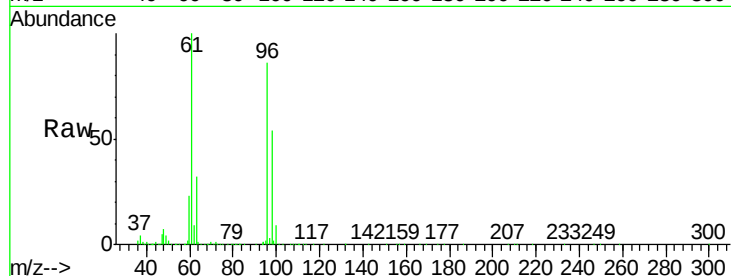


#27

cis-1,2-Dichloroethene
Concen: 23.801 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX006963.D
Acq: 09 Jan 2019 14:20

Instrument :
MSVOA_X
ClientSampleId :
S32-0650

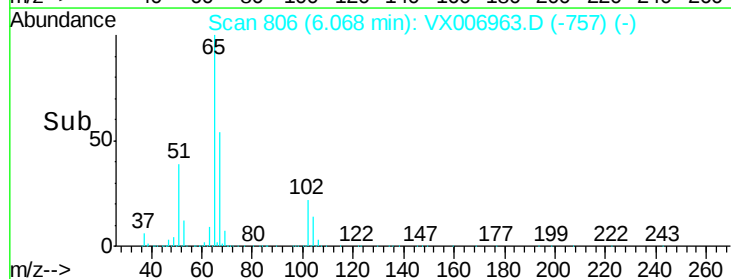
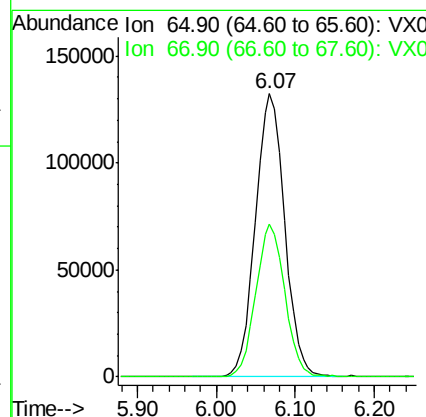
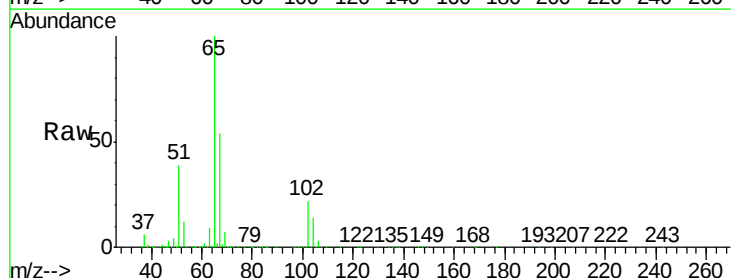
Tot Ion	Ratio	Lower	Upper
96	100		
61	117.2	0.0	258.6
98	65.6	0.0	132.0

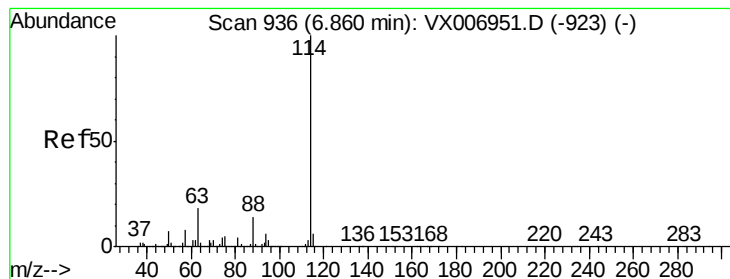


#33

1,2-Dichloroethane-d4
Concen: 49.637 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX006963.D
Acq: 09 Jan 2019 14:20

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006963.D

Acq: 09 Jan 2019 14:20

Instrument :

MSVOA_X

ClientSampleId :

S32-0650

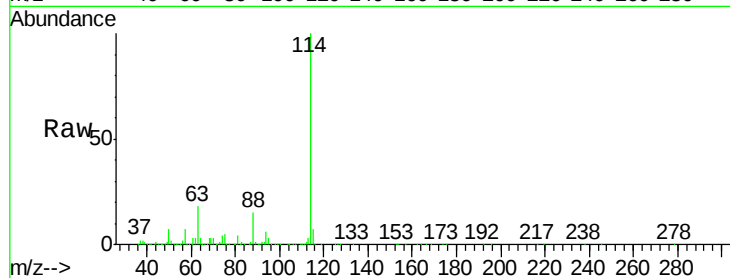
Tot Ion:114 Resp: 1001018

Ion Ratio Lower Upper

114 100

63 18.4 0.0 34.8

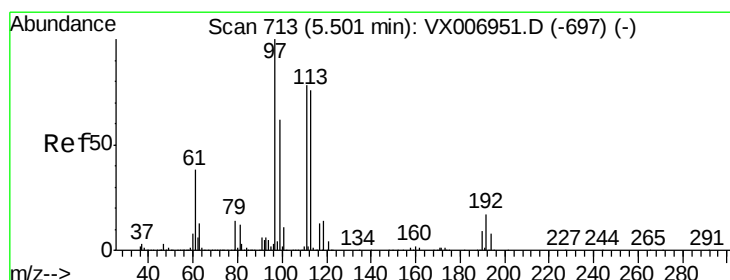
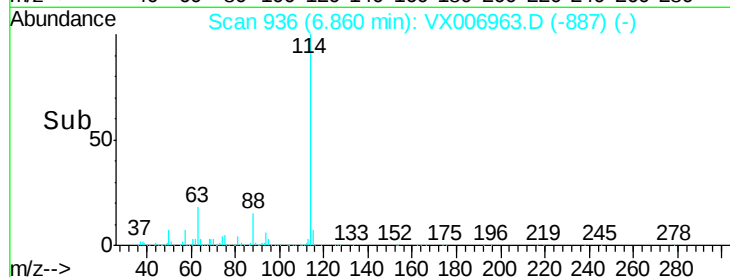
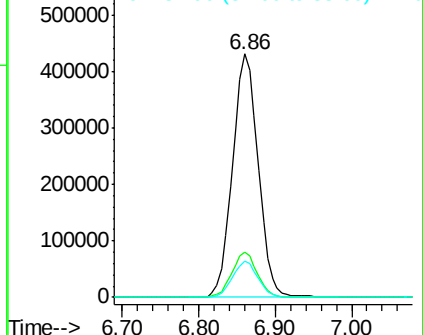
88 15.0 0.0 28.8



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: 48.668 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006963.D

Acq: 09 Jan 2019 14:20

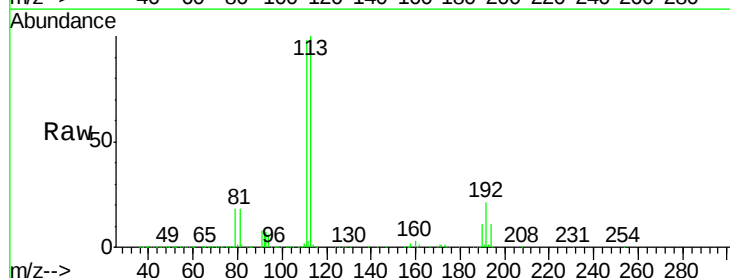
Tgt Ion:113 Resp: 311985

Ion Ratio Lower Upper

113 100

111 101.1 81.6 122.4

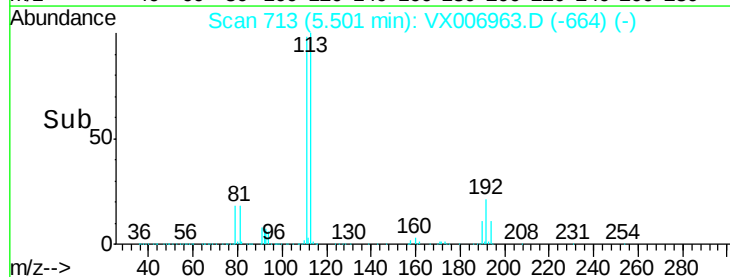
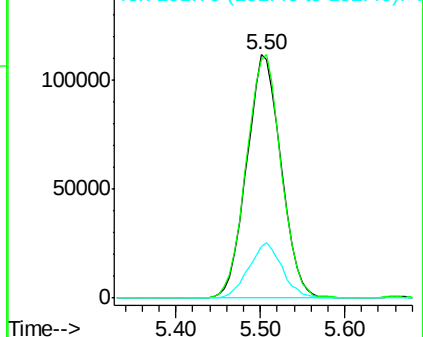
192 22.1 16.7 25.1

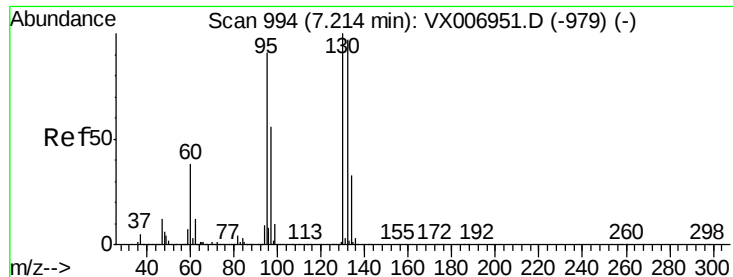


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 2.669 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX006963.D

Acq: 09 Jan 2019 14:20

Instrument :

MSVOA_X

ClientSampled :

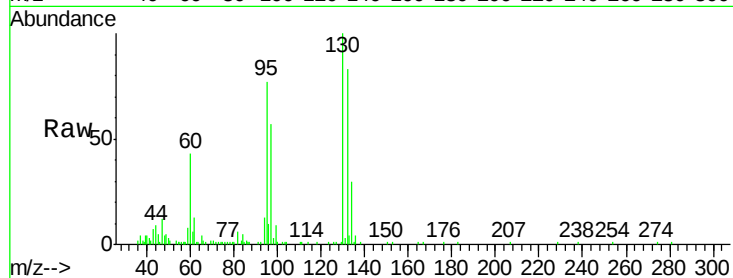
S32-0650

Tot Ion:130 Resp: 21235

Ion Ratio Lower Upper

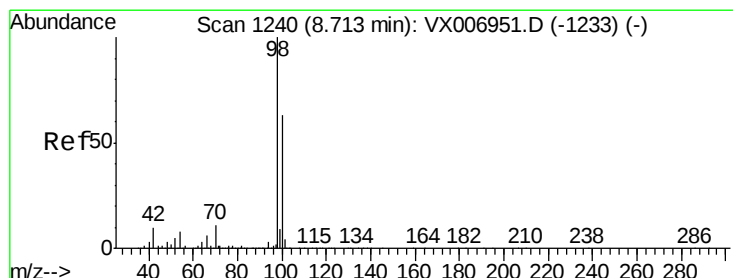
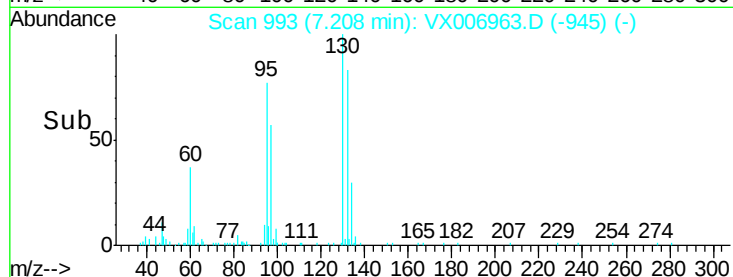
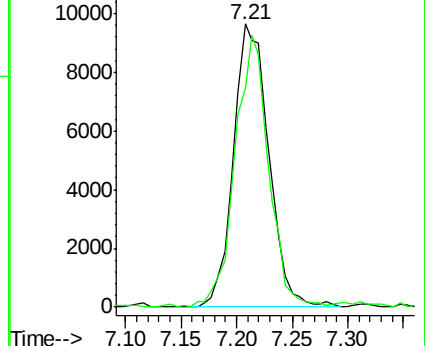
130 100

95 77.5 0.0 187.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 50.339 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006963.D

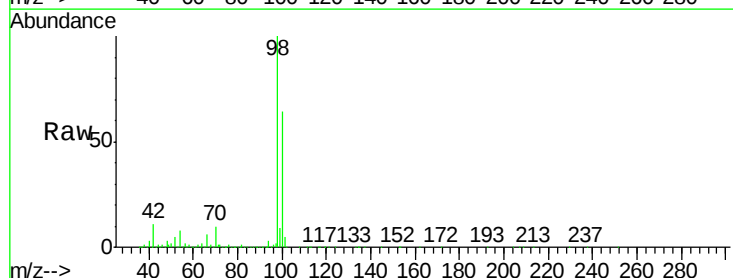
Acq: 09 Jan 2019 14:20

Tgt Ion: 98 Resp: 1181167

Ion Ratio Lower Upper

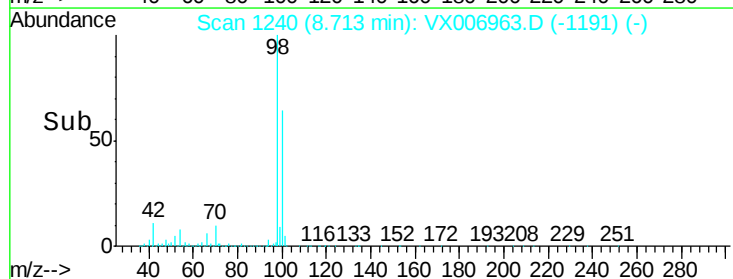
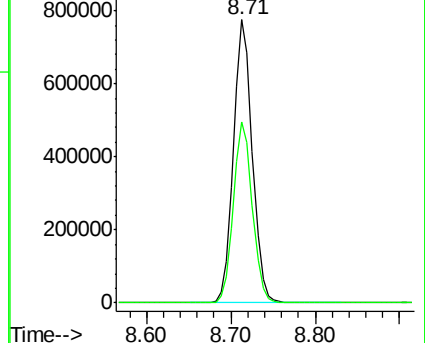
98 100

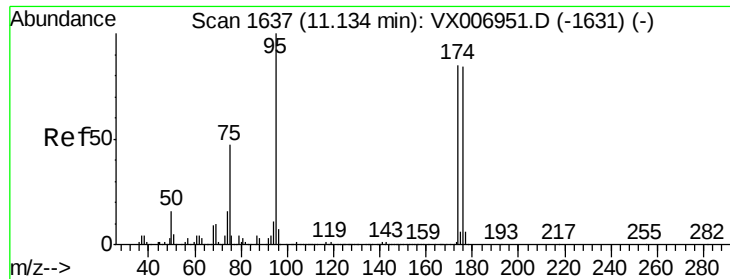
100 64.0 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 50.115 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006963.D

Acq: 09 Jan 2019 14:20

Instrument :

MSVOA_X

ClientSampleId :

S32-0650

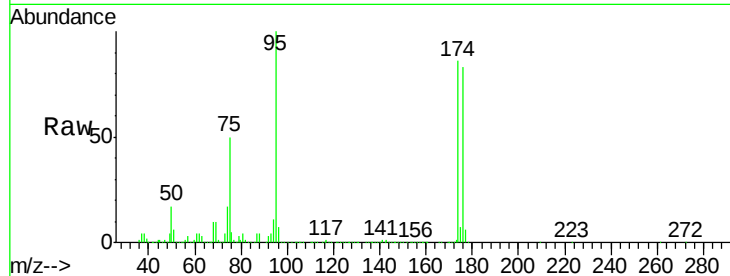
Tot Ion: 95 Resp: 409953

Ion Ratio Lower Upper

95 100

174 93.0 0.0 182.2

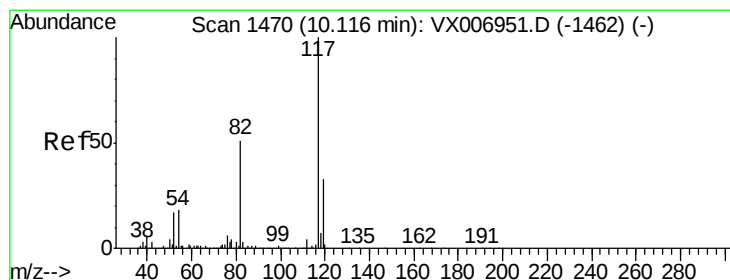
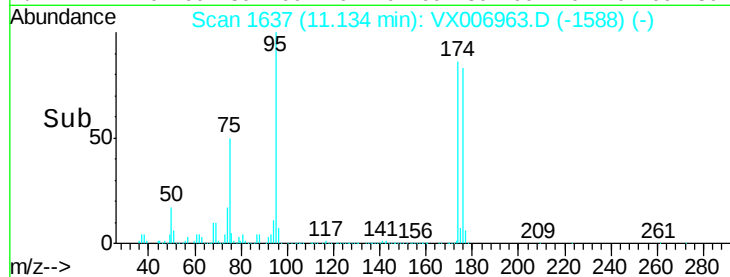
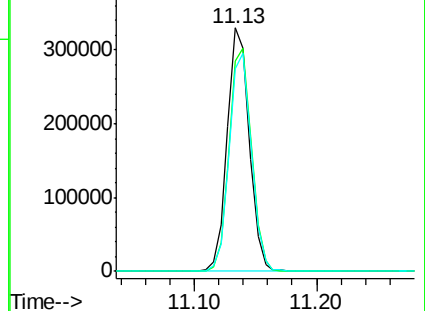
176 90.3 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VX006951.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX006951.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX006951.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.01 min

Lab File: VX006963.D

Acq: 09 Jan 2019 14:20

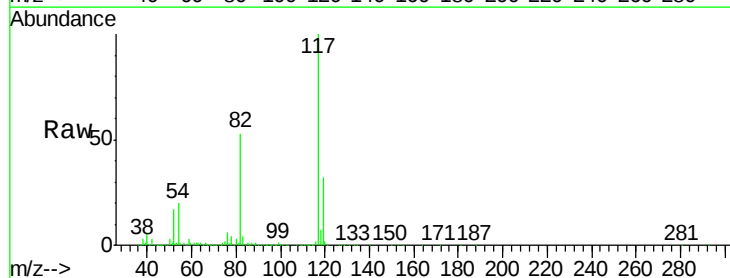
Tgt Ion: 117 Resp: 911467

Ion Ratio Lower Upper

117 100

82 52.7 41.0 61.6

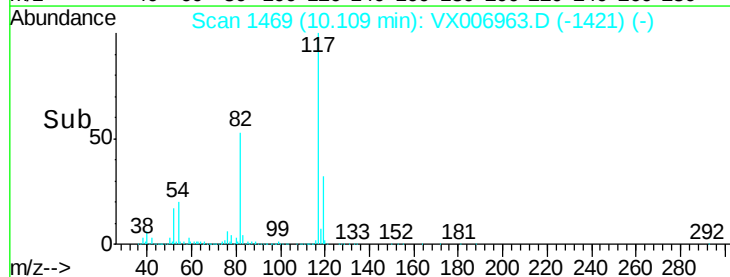
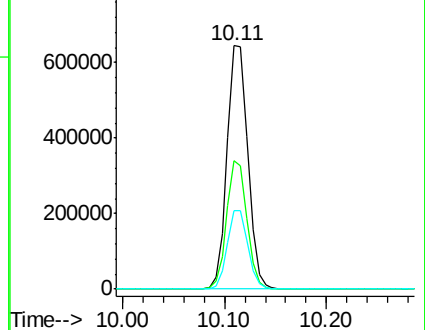
119 32.4 25.4 38.0

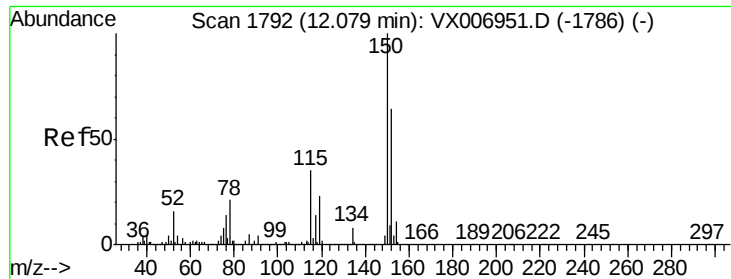


Abundance Ion 116.90 (116.60 to 117.60): VX006951.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX006951.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX006951.D (-1462) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006963.D

Acq: 09 Jan 2019 14:20

Instrument :

MSVOA_X

ClientSampleId :

S32-0650

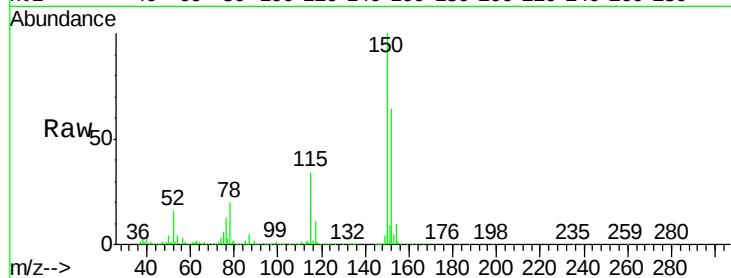
Tot Ion:152 Resp: 438981

Ion Ratio Lower Upper

152 100

115 54.5 39.1 117.2

150 157.3 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

