

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX013019\
 Data File : VX007319.D
 Acq On : 30 Jan 2019 17:11
 Operator : JC/SP
 Sample : K1282-20
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-5

Quant Time: Jan 31 04:17:38 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	512466	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	799453	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	774972	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	375182	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	275024	51.35	ug/l	0.00
Spiked Amount			Recovery	=	102.70%	
35) Dibromofluoromethane	5.50	113	248646	48.57	ug/l	0.00
Spiked Amount			Recovery	=	97.14%	
50) Toluene-d8	8.71	98	969931	51.76	ug/l	0.00
Spiked Amount			Recovery	=	103.52%	
62) 4-Bromofluorobenzene	11.13	95	346588	53.05	ug/l	0.00
Spiked Amount			Recovery	=	106.10%	

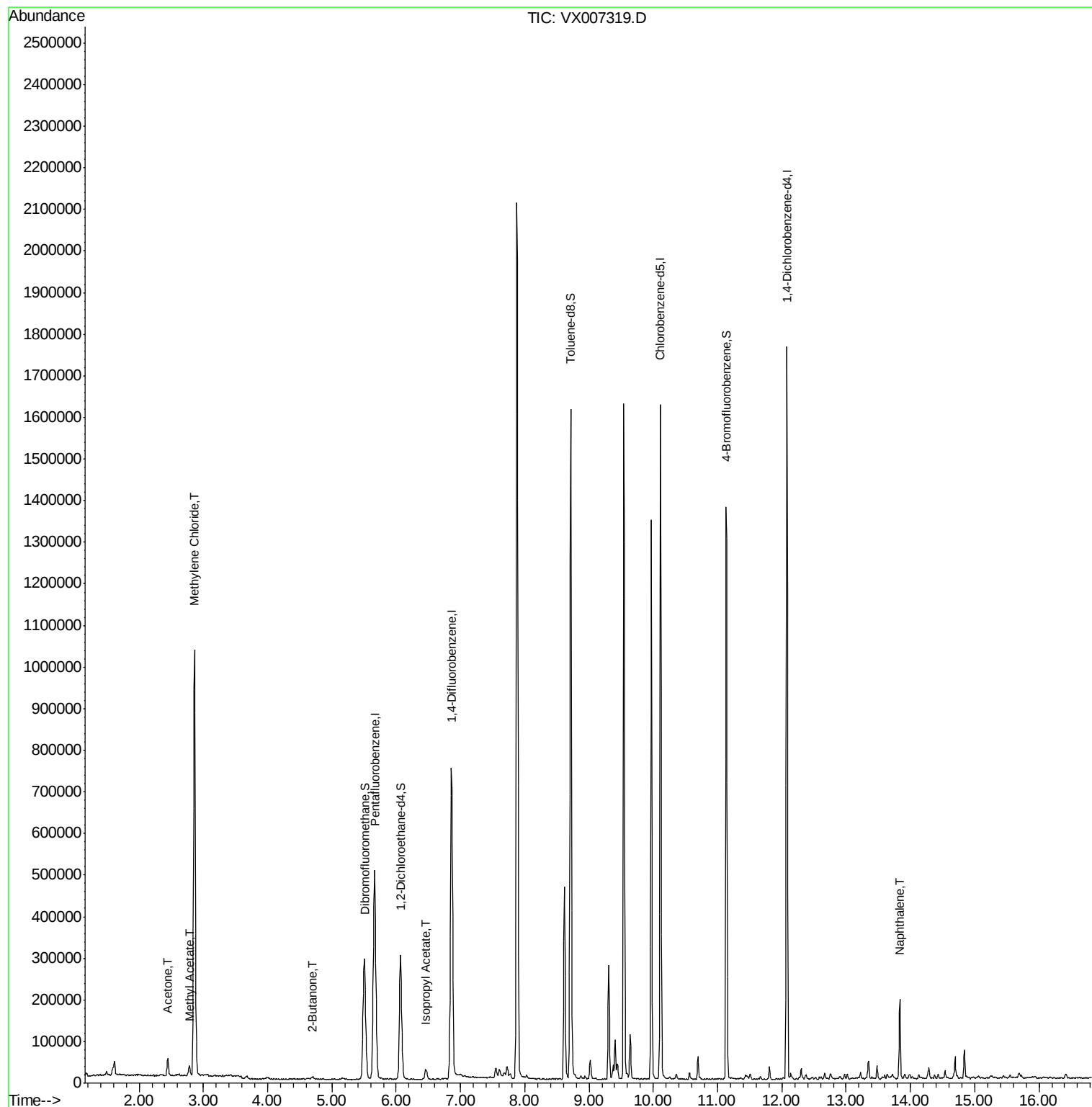
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	44779	16.912	ug/l	98
18) Methyl Acetate	2.78	43	30041	3.918	ug/l	97
20) Methylene Chloride	2.86	84	479088	95.651	ug/l	95
25) 2-Butanone	4.71	43	10616	2.802	ug/l #	86
43) Isopropyl Acetate	6.46	43	31905	2.714	ug/l	98
95) Naphthalene	13.83	128	122714	4.540	ug/l	98

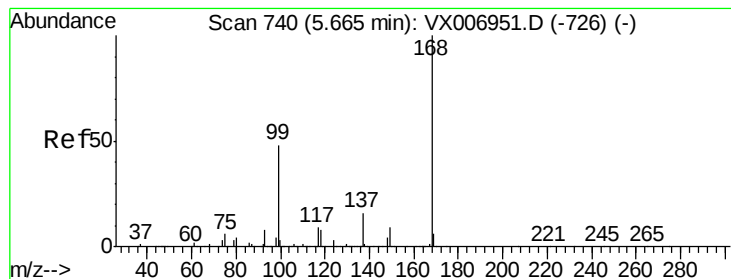
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
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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: VX007319.D

Acq: 30 Jan 2019 17:11

Instrument :

MSVOA_X

ClientSampled :

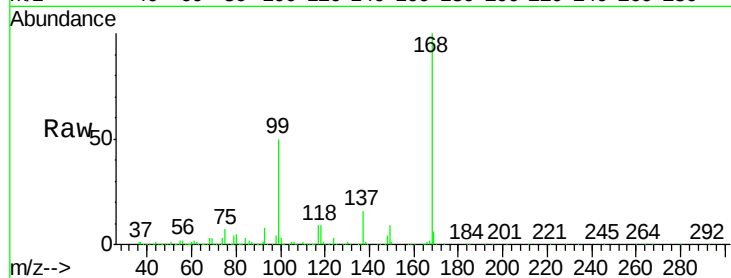
TP-5

Tot Ion:168 Resp: 512466

Ion Ratio Lower Upper

168 100

99 50.1 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

200000

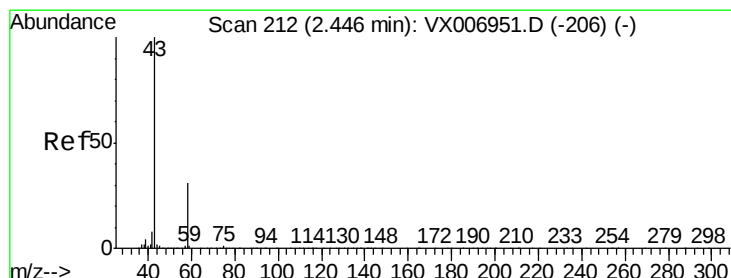
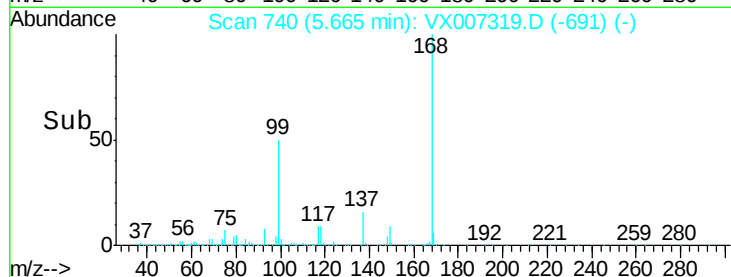
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 16.912 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007319.D

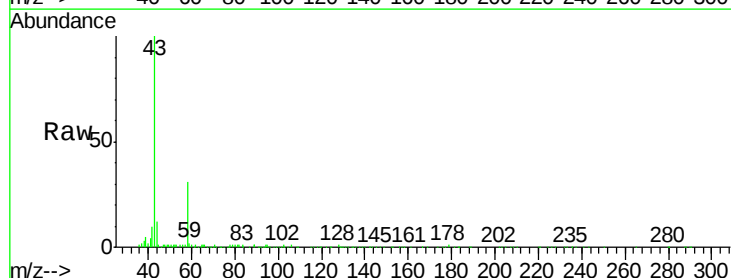
Acq: 30 Jan 2019 17:11

Tgt Ion: 43 Resp: 44779

Ion Ratio Lower Upper

43 100

58 30.4 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

30000

25000

20000

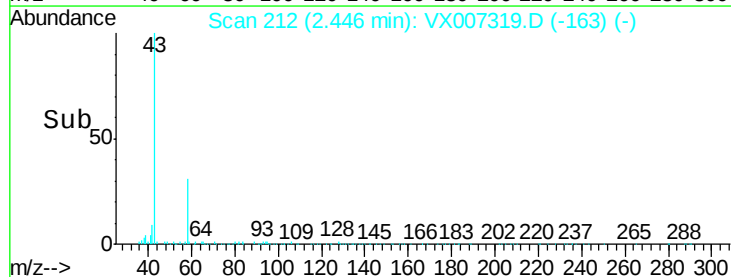
15000

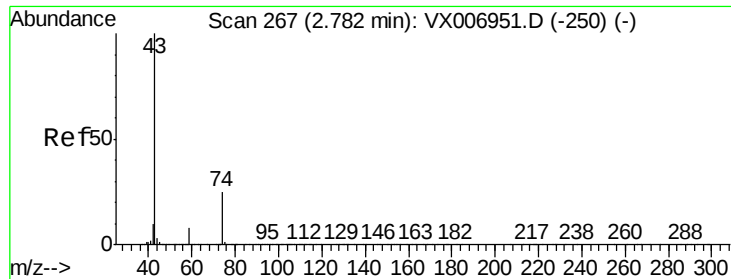
10000

5000

0

Time--> 2.35 2.40 2.45 2.50 2.55

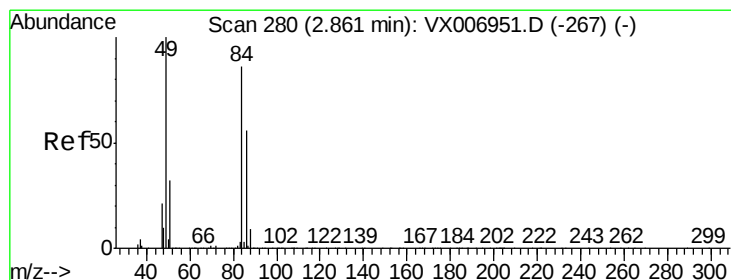
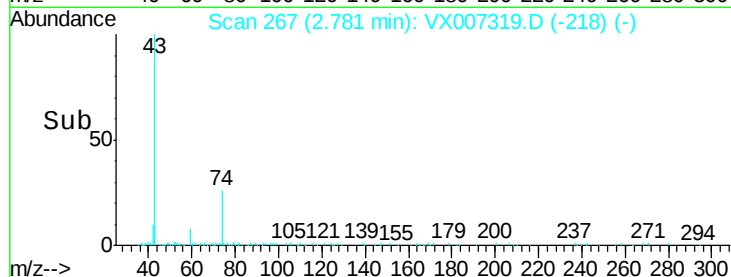
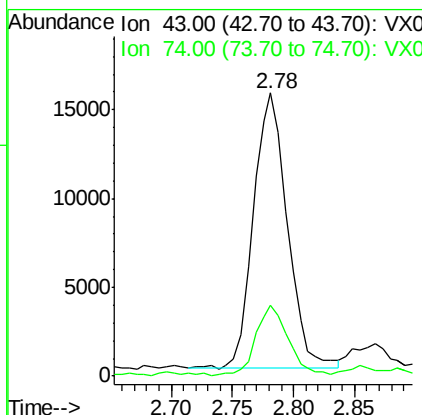
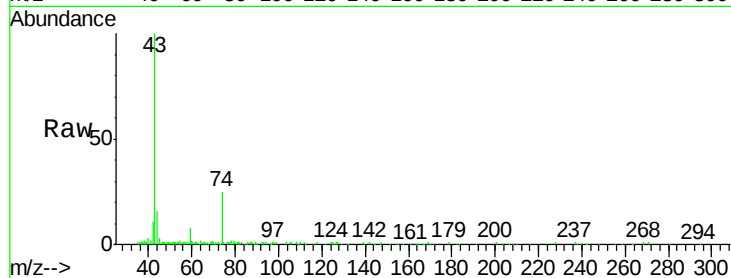




#18
Methyl Acetate
Concen: 3.918 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007319.D
Acq: 30 Jan 2019 17:11

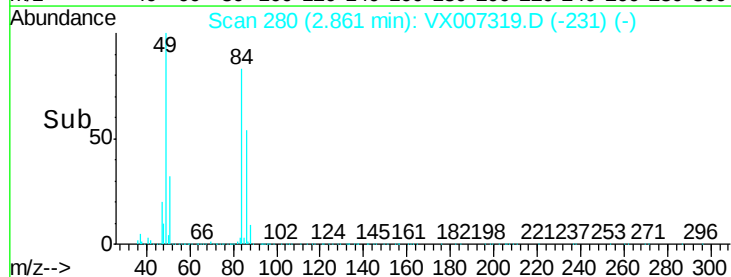
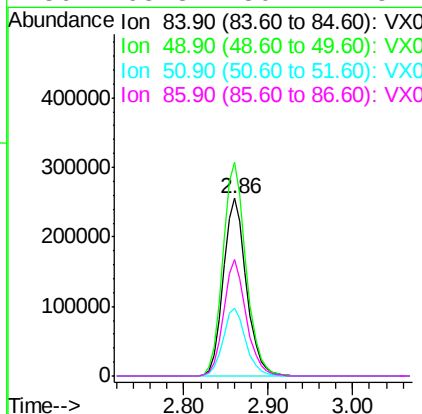
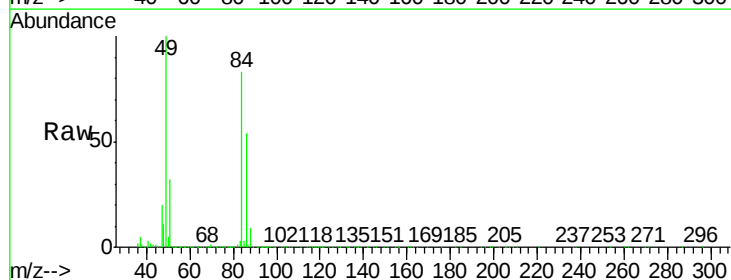
Instrument :
MSVOA_X
ClientSampleId :
TP-5

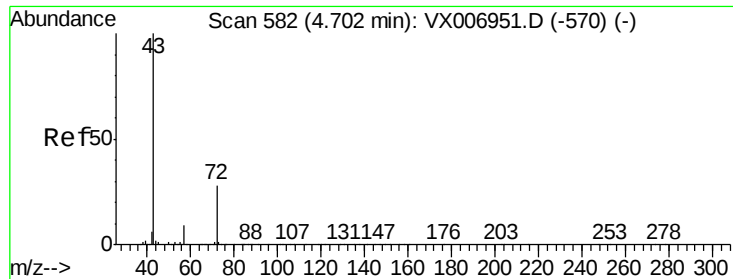
Tot Ion: 43 Resp: 30041
Ion Ratio Lower Upper
43 100
74 24.9 18.6 28.0



#20
Methylene Chloride
Concen: 95.651 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007319.D
Acq: 30 Jan 2019 17:11

Tgt Ion: 84 Resp: 479088
Ion Ratio Lower Upper
84 100
49 120.4 91.8 137.6
51 38.2 28.5 42.7
86 65.3 50.2 75.2





#25

2-Butanone

Concen: 2.802 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX007319.D

Acq: 30 Jan 2019 17:11

Instrument :

MSVOA_X

ClientSampled :

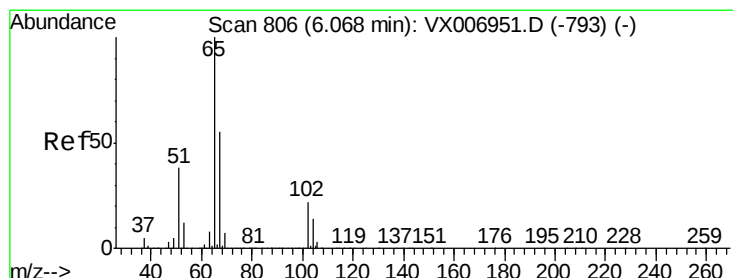
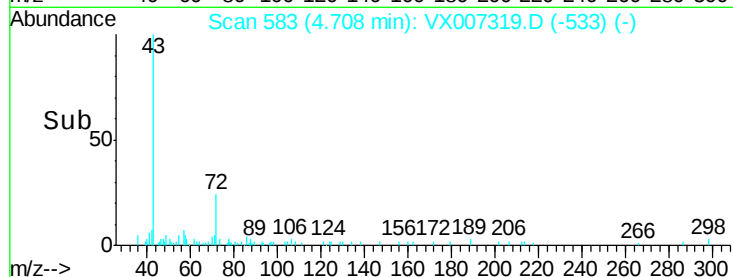
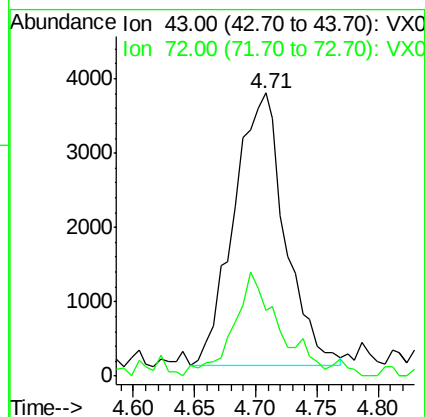
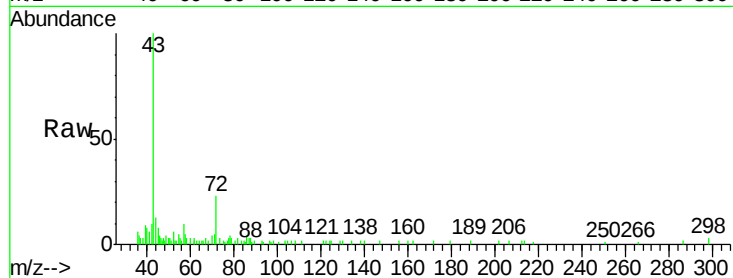
TP-5

Tot Ion: 43 Resp: 10616

Ion Ratio Lower Upper

43 100

72 20.4 22.4 33.6#



#33

1,2-Dichloroethane-d4

Concen: 51.352 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007319.D

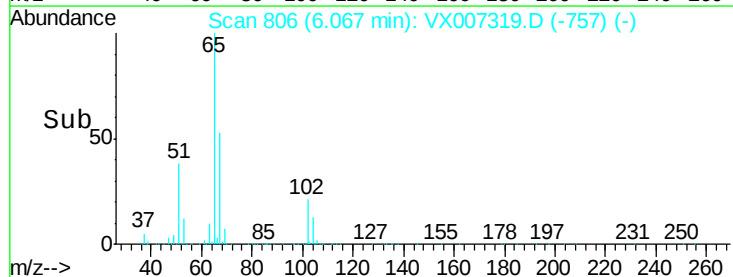
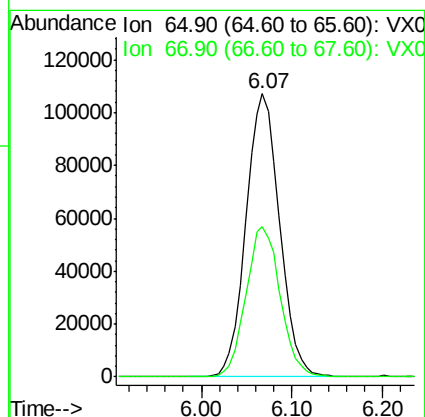
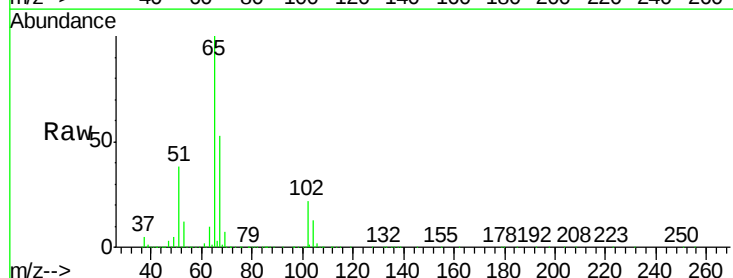
Acq: 30 Jan 2019 17:11

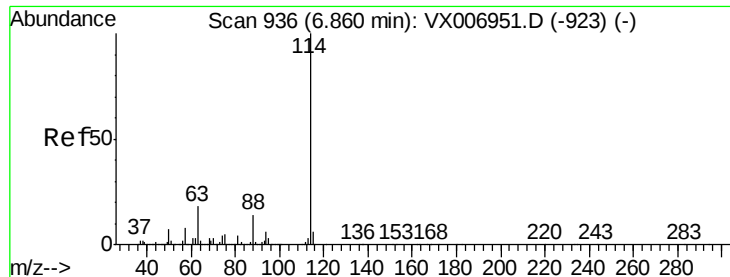
Tgt Ion: 65 Resp: 275024

Ion Ratio Lower Upper

65 100

67 53.8 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: VX007319.D

Acq: 30 Jan 2019 17:11

Instrument :

MSVOA_X

ClientSampleId :

TP-5

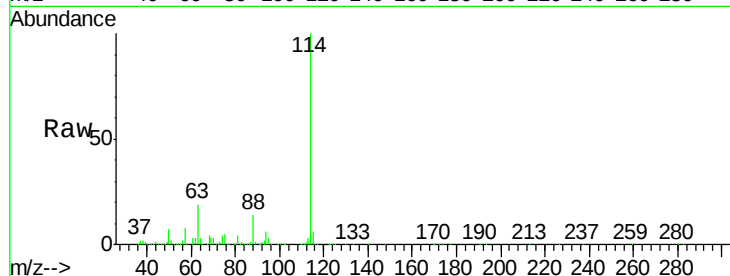
Tot Ion:114 Resp: 799453

Ion Ratio Lower Upper

114 100

63 18.6 0.0 34.8

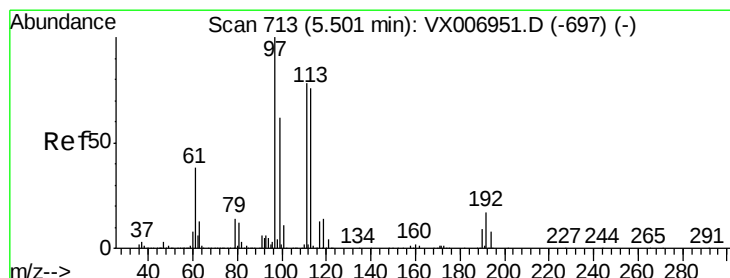
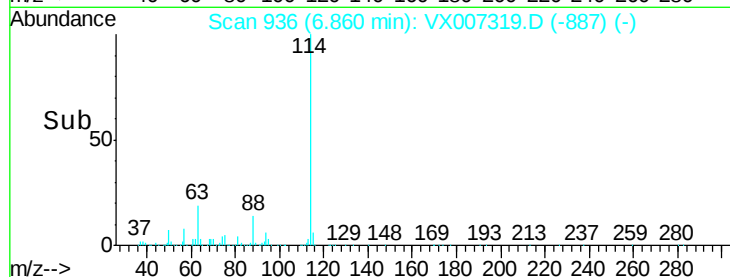
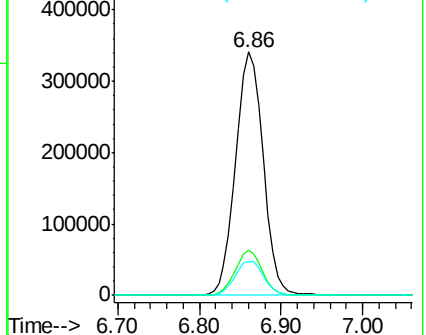
88 14.0 0.0 28.8



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: 48.567 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007319.D

Acq: 30 Jan 2019 17:11

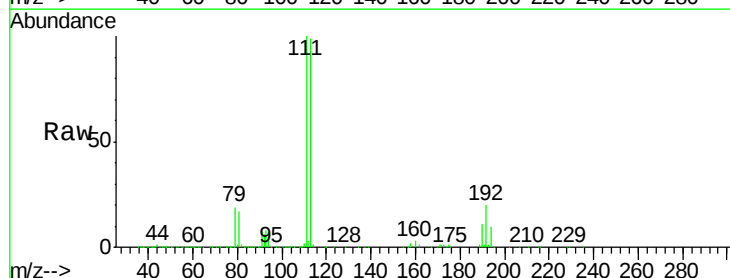
Tgt Ion:113 Resp: 248646

Ion Ratio Lower Upper

113 100

111 102.1 81.6 122.4

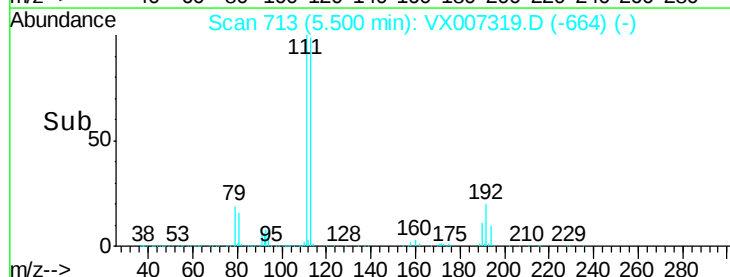
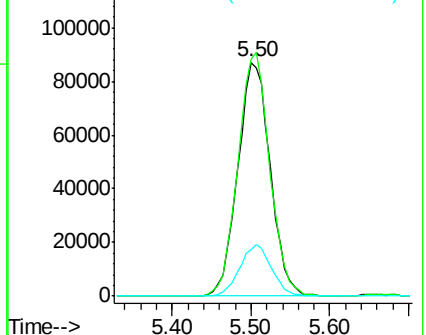
192 21.6 16.7 25.1

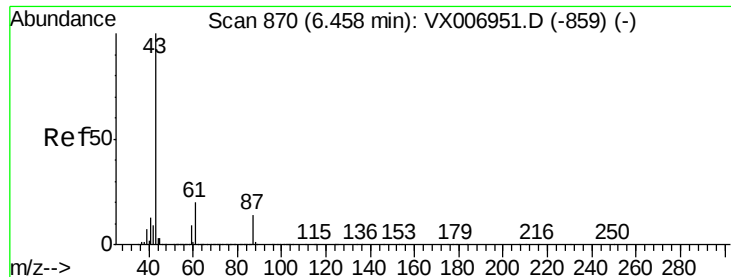


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



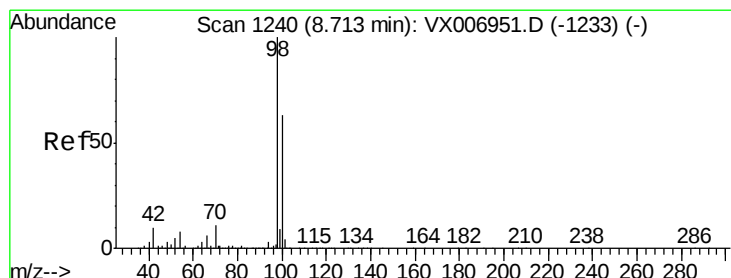
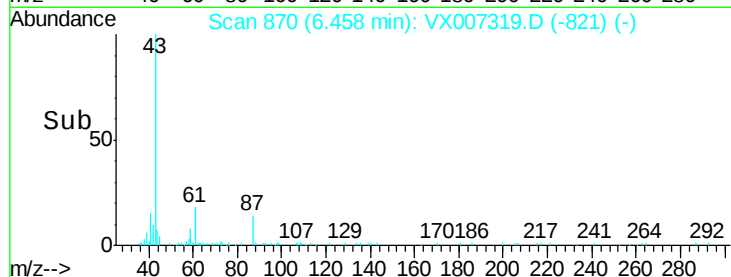
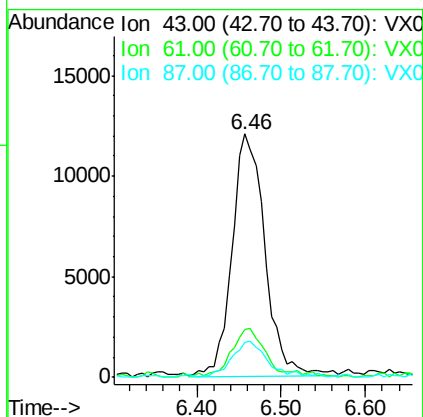
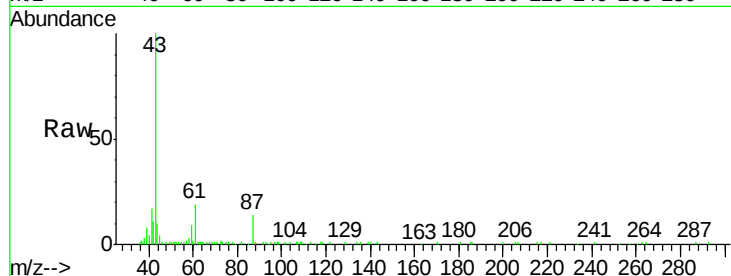


#43

Isopropyl Acetate
 Concen: 2.714 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: VX007319.D
 Acq: 30 Jan 2019 17:11

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-5

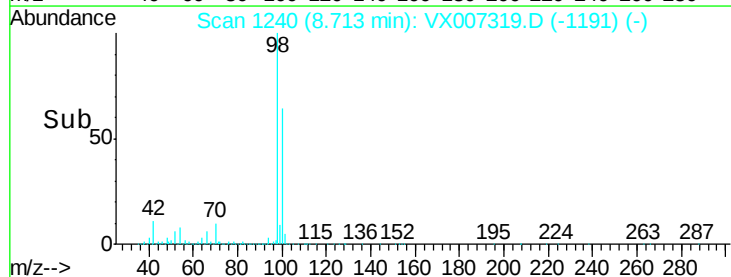
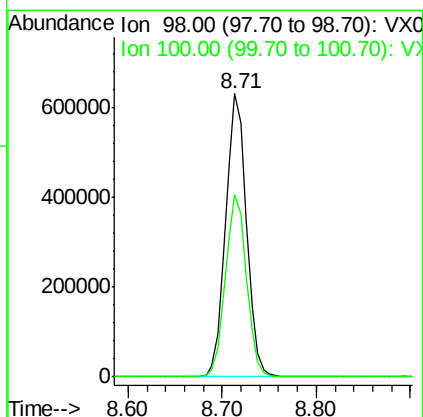
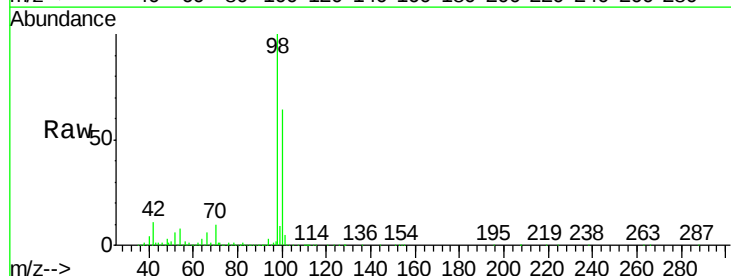
Tot Ion	43	Resp	31905
Ion Ratio	100		
Lower	16.8		
Upper	25.2		
61	22.4		
87	16.0		
	12.4		

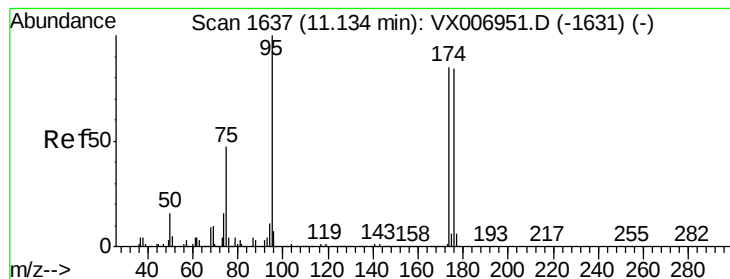


#50

Toluene-d8
 Concen: 51.759 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX007319.D
 Acq: 30 Jan 2019 17:11

Tgt Ion	98	Resp	969931
Ion Ratio	100		
Lower	52.0		
Upper	78.0		
100	64.7		





#62

4-Bromofluorobenzene

Concen: 53.052 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007319.D

Acq: 30 Jan 2019 17:11

Instrument :

MSVOA_X

ClientSampleId :

TP-5

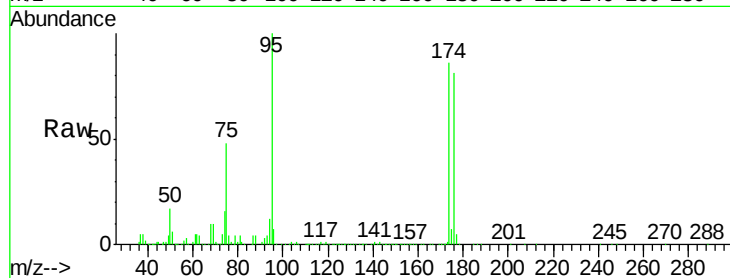
Tot Ion: 95 Resp: 346588

Ion Ratio Lower Upper

95 100

174 93.1 0.0 182.2

176 90.7 0.0 178.8

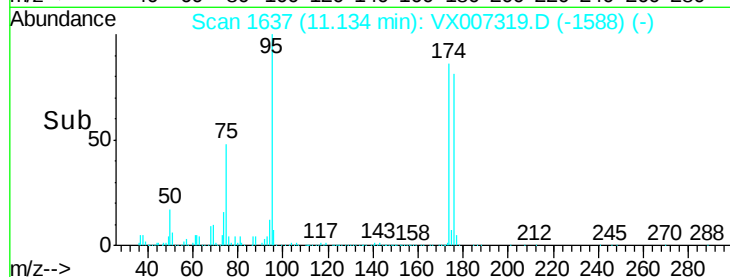


Abundance Ion 94.90 (94.60 to 95.60): VX007319.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX007319.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX007319.D (-1588) (-)

Time-->

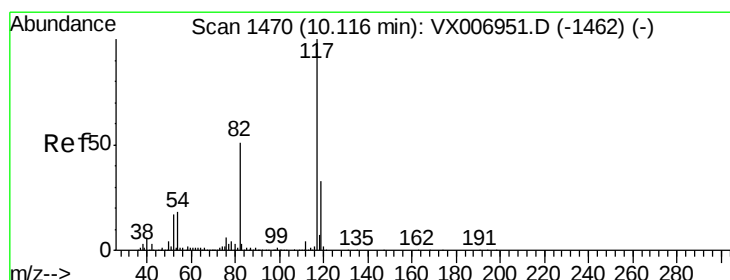


Abundance Ion 94.90 (94.60 to 95.60): VX007319.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX007319.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX007319.D (-1588) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX007319.D

Acq: 30 Jan 2019 17:11

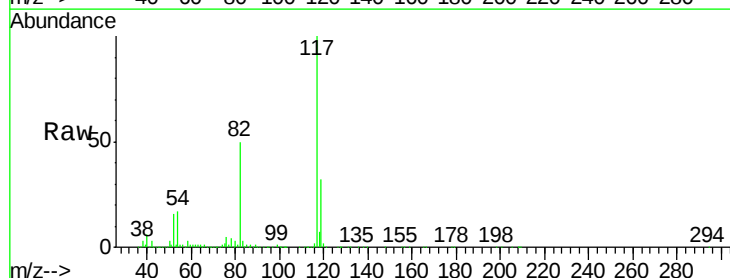
Tgt Ion: 117 Resp: 774972

Ion Ratio Lower Upper

117 100

82 50.4 41.0 61.6

119 31.9 25.4 38.0

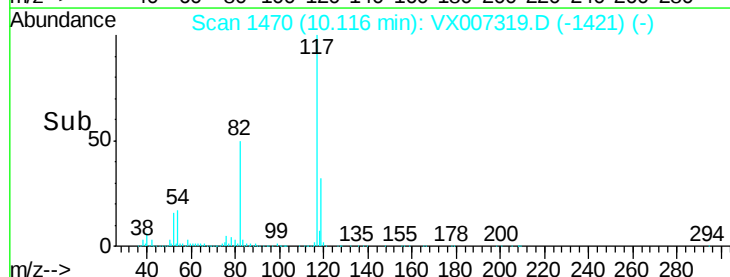


Abundance Ion 116.90 (116.60 to 117.60): VX007319.D (-1421) (-)

Ion 82.00 (81.70 to 82.70): VX007319.D (-1421) (-)

Ion 118.90 (118.60 to 119.60): VX007319.D (-1421) (-)

Time-->

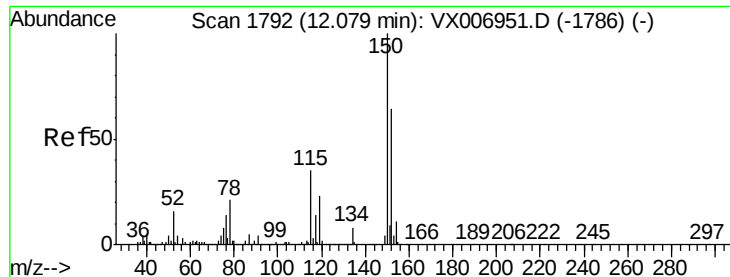


Abundance Ion 116.90 (116.60 to 117.60): VX007319.D (-1421) (-)

Ion 82.00 (81.70 to 82.70): VX007319.D (-1421) (-)

Ion 118.90 (118.60 to 119.60): VX007319.D (-1421) (-)

Time-->

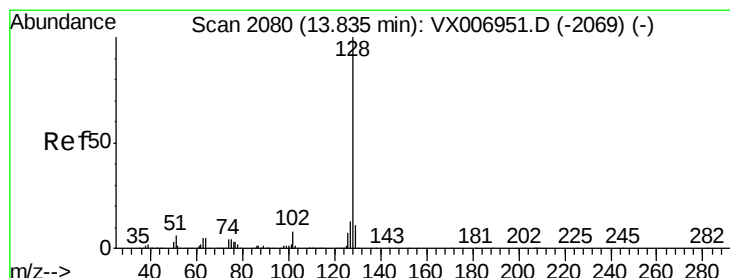
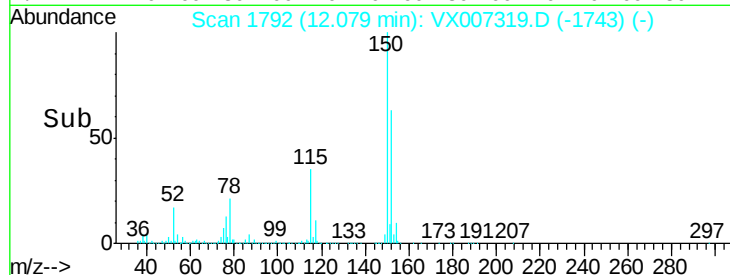
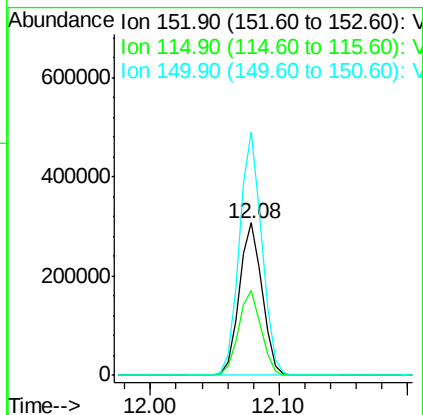
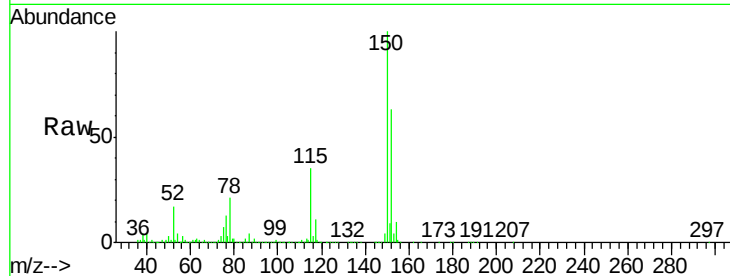


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007319.D
Acq: 30 Jan 2019 17:11

Instrument :
MSVOA_X
ClientSampleId :
TP-5

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.2	39.1	117.2
150	157.6	0.0	344.8



#95

Naphthalene
Concen: 4.540 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX007319.D
Acq: 30 Jan 2019 17:11

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.1	15.1
129	11.5	8.6	13.0

