

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111218\
 Data File : VX005902.D
 Acq On : 12 Nov 2018 16:01
 Operator : JC/MD
 Sample : J5912-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S1TB01-181108

Quant Time: Nov 13 04:41:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	122578	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	175504	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	157241	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	77250	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	69693	49.46	ug/l	0.00
Spiked Amount			Recovery	=	98.92%	
35) Dibromofluoromethane	5.51	113	56039	46.95	ug/l	0.00
Spiked Amount			Recovery	=	93.90%	
50) Toluene-d8	8.71	98	206625	52.07	ug/l	0.00
Spiked Amount			Recovery	=	104.14%	
62) 4-Bromofluorobenzene	11.13	95	71357	50.01	ug/l	0.00
Spiked Amount			Recovery	=	100.02%	

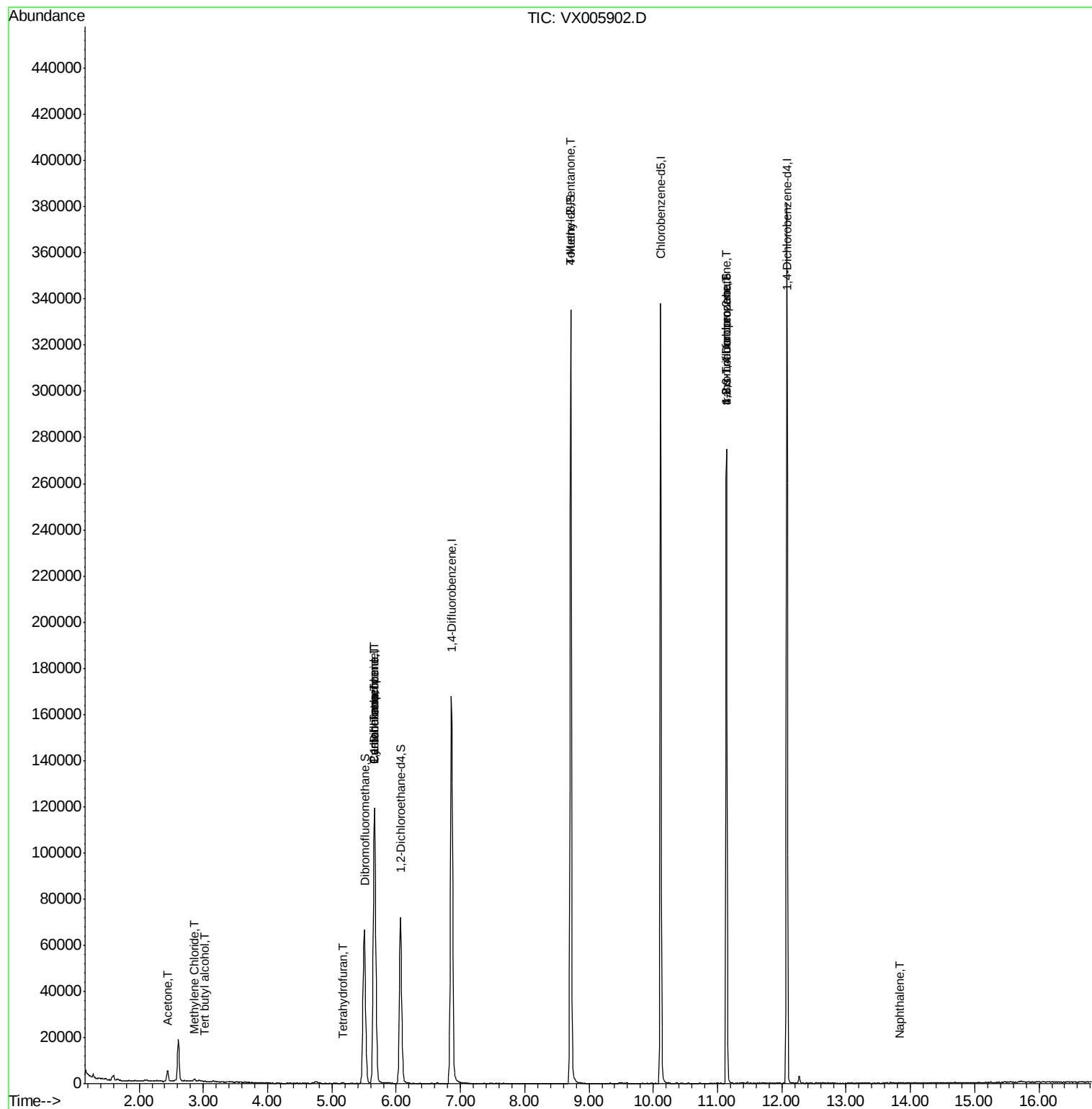
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.03	59	184	0.456	ug/l #	72
16) Acetone	2.44	43	5292	6.975	ug/l	98
18) Methyl Acetate	2.78	43	182	Below Cal	#	55
20) Methylene Chloride	2.86	84	435	0.349	ug/l	91
29) Tetrahydrofuran	5.17	42	231	0.302	ug/l #	36
31) Cyclohexane	5.67	56	2082	1.061	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	8036	4.750	ug/l #	49
38) Carbon Tetrachloride	5.66	117	10741	6.341	ug/l #	16
51) 4-Methyl-2-Pentanone	8.71	43	902	0.444	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	35427	22.522	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.13	75	35427	71.782	ug/l #	9
84) 1,2,4-Trimethylbenzene	11.81	105	124	Below Cal	#	31
95) Naphthalene	13.83	128	318	1.233	ug/l #	69

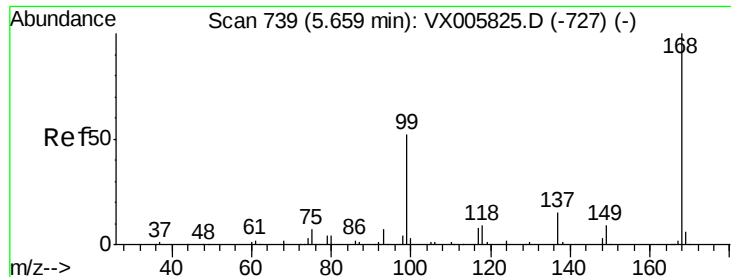
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX111218\
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Quant Time: Nov 13 04:41:58 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX005902.D

Acq: 12 Nov 2018 16:01

Instrument :

MSVOA_X

ClientSampleId :

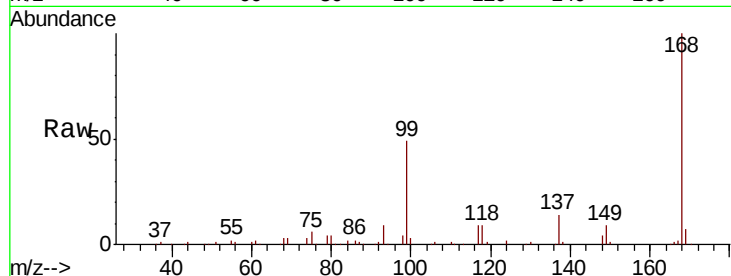
S1TB01-181108

Tot Ion:168 Resp: 122578

Ion Ratio Lower Upper

168 100

99 49.1 40.7 61.1

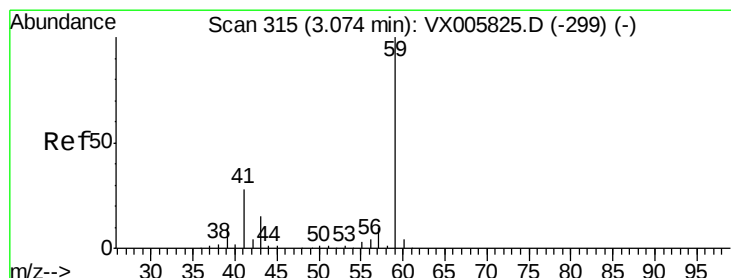
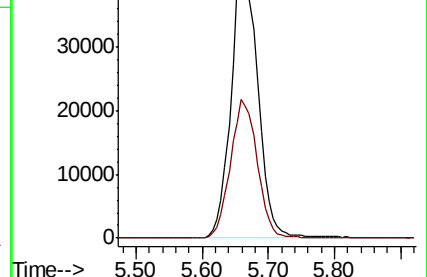
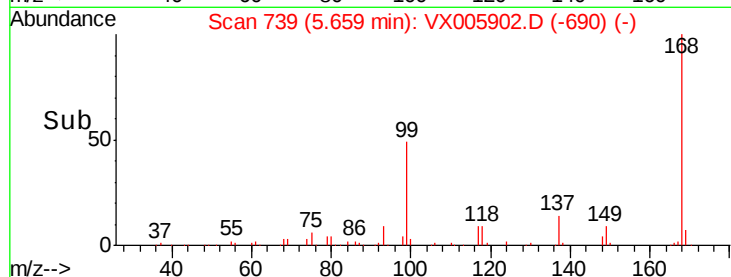


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

Time-->



#11

Tert butyl alcohol

Concen: 0.456 ug/l

RT: 3.03 min Scan# 307

Delta R.T. -0.05 min

Lab File: VX005902.D

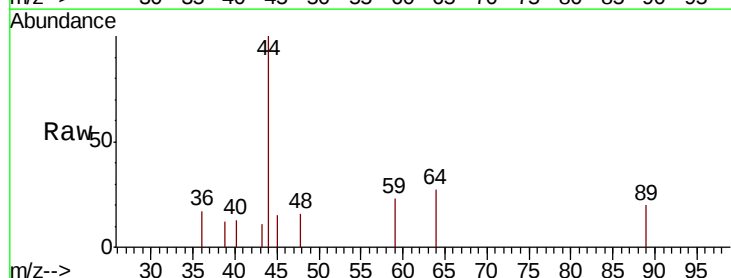
Acq: 12 Nov 2018 16:01

Tgt Ion: 59 Resp: 184

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#

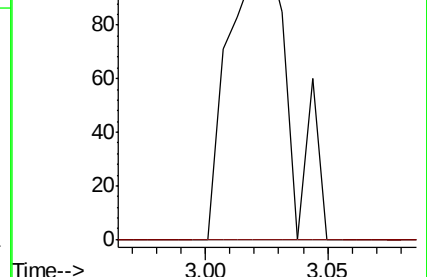
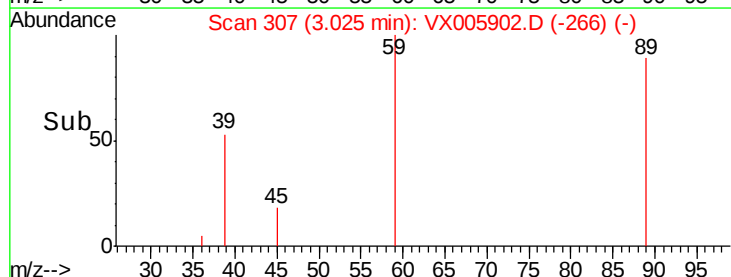


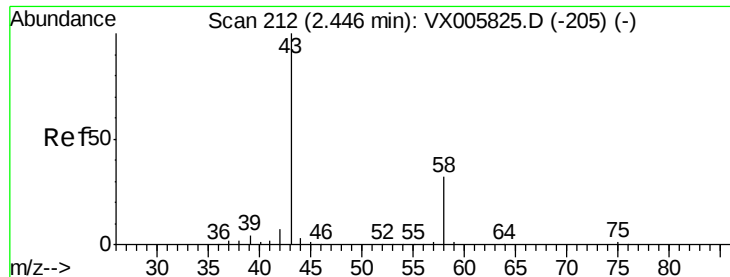
Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.03

Time-->





#16

Acetone

Concen: 6.975 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX005902.D

Acq: 12 Nov 2018 16:01

Instrument :

MSVOA_X

ClientSampleId :

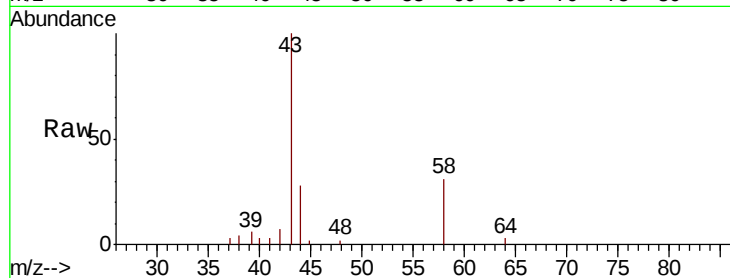
S1TB01-181108

Tot Ion: 43 Resp: 5292

Ion Ratio Lower Upper

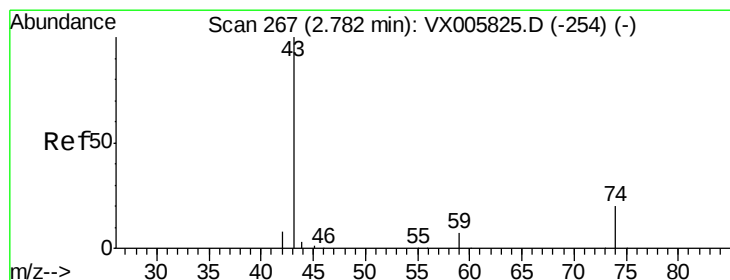
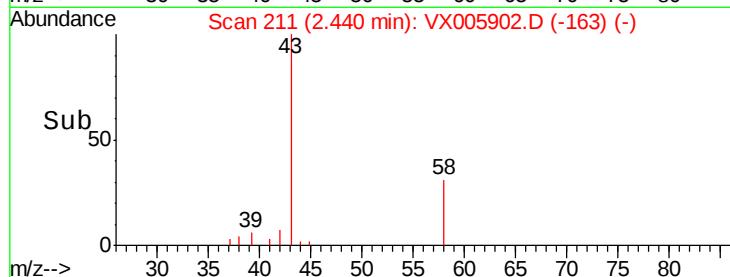
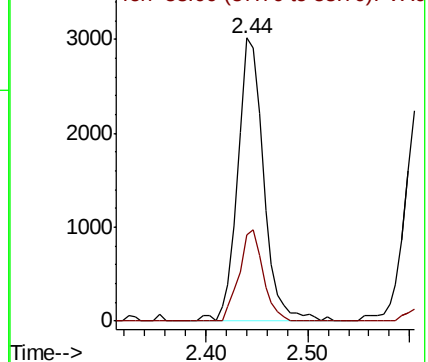
43 100

58 30.6 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#18

Methyl Acetate

Concen: Below Cal

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005902.D

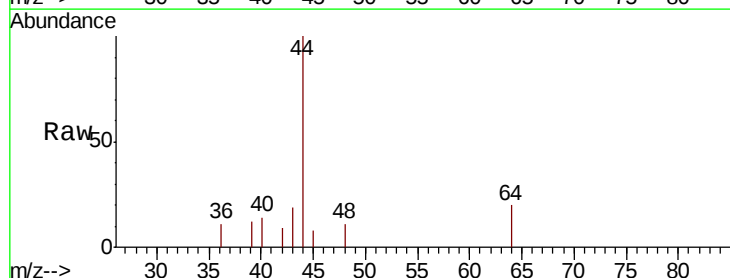
Acq: 12 Nov 2018 16:01

Tgt Ion: 43 Resp: 182

Ion Ratio Lower Upper

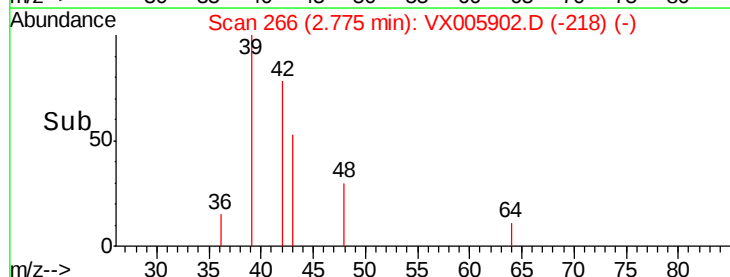
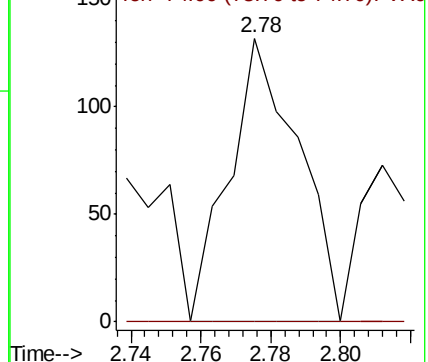
43 100

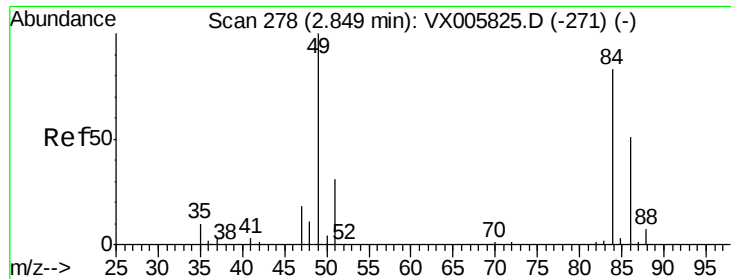
74 0.0 16.8 25.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

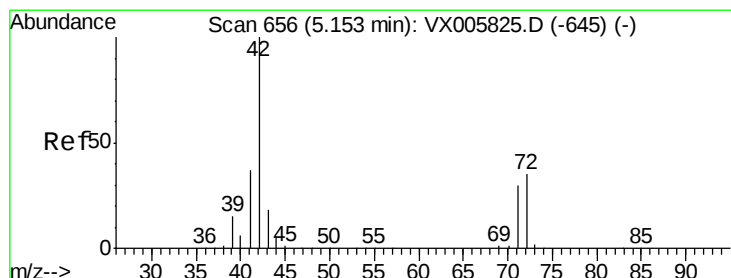
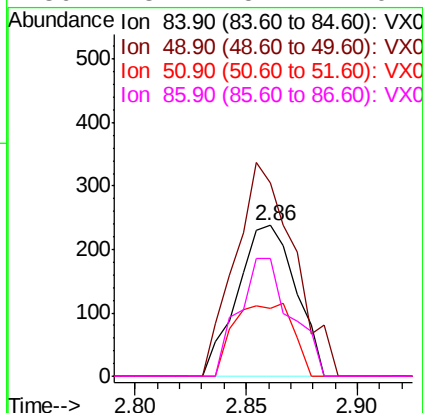
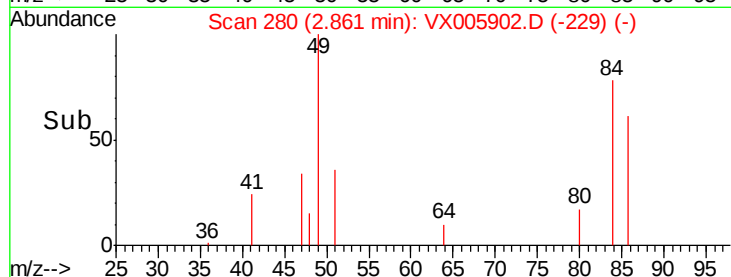
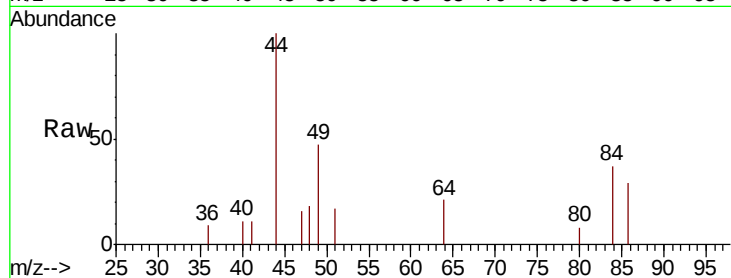




#20
Methvlene Chloride
Concen: 0.349 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005902.D
Acq: 12 Nov 2018 16:01

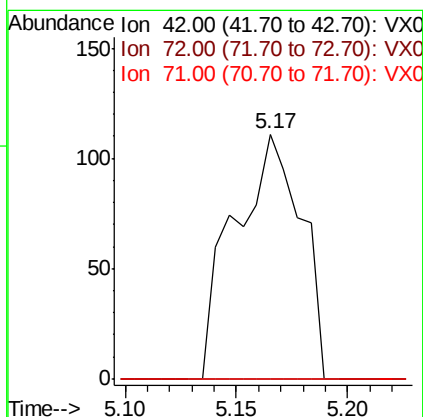
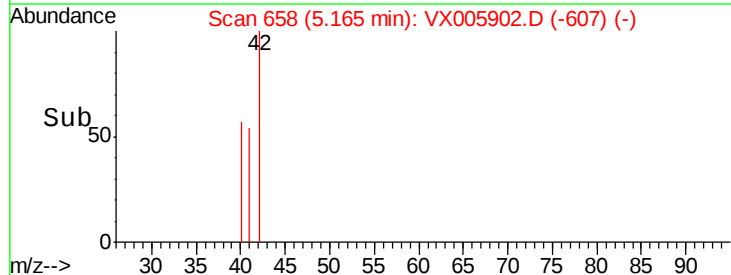
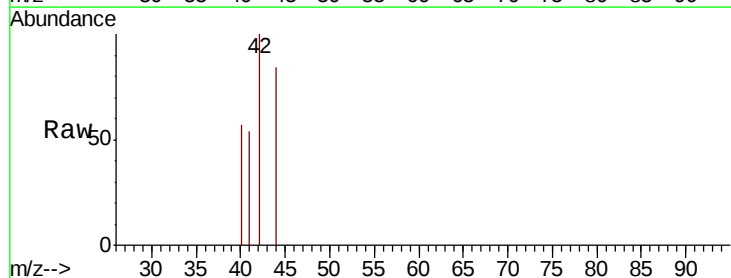
Instrument :
MSVOA_X
ClientSampleId :
S1TB01-181108

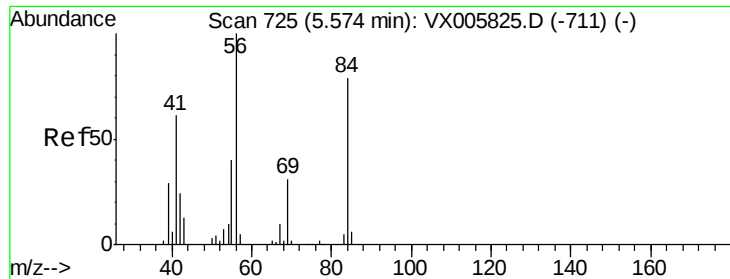
Tot Ion:	84	Resp:	435
Ion	Ratio	Lower	Upper
84	100		
49	127.7	109.5	164.3
51	45.4	33.3	49.9
86	78.2	52.7	79.1



#29
Tetrahydrofuran
Concen: 0.302 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX005902.D
Acq: 12 Nov 2018 16:01

Tgt Ion:	42	Resp:	231
Ion	Ratio	Lower	Upper
42	100		
72	0.0	32.0	48.0#
71	0.0	29.8	44.8#

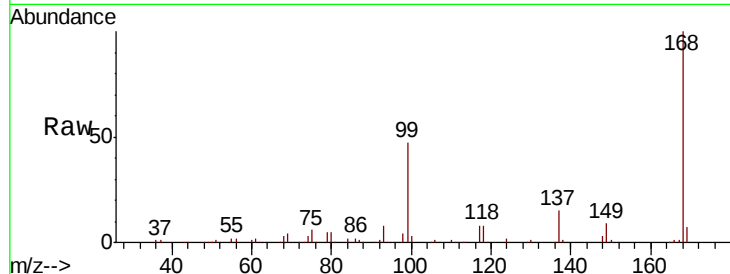




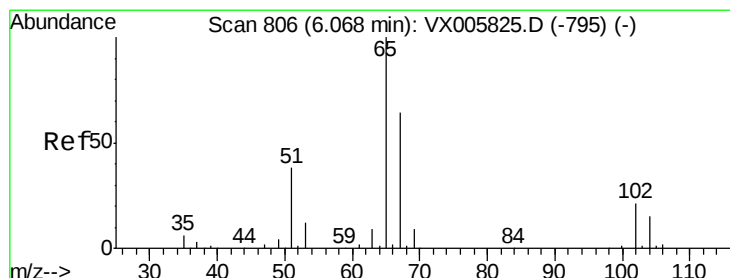
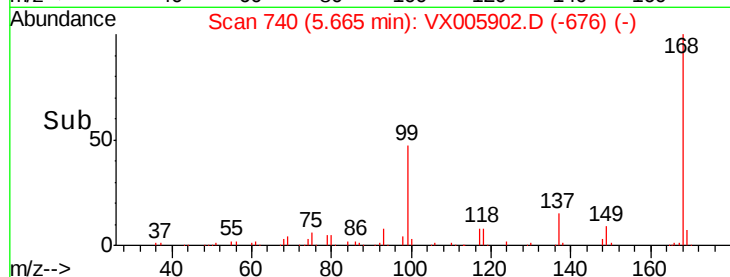
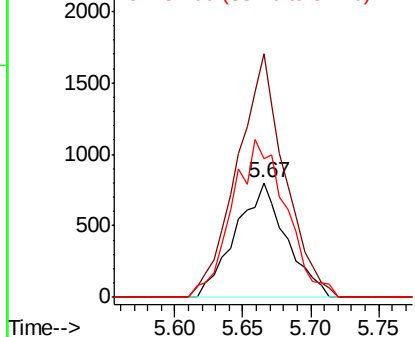
#31
Cvclohexane
Concen: 1.061 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX005902.D
Acq: 12 Nov 2018 16:01

Instrument :
MSVOA_X
ClientSampleId :
S1TB01-181108

Tot Ion: 56 Resp: 2082
Ion Ratio Lower Upper
56 100
69 212.3 22.6 34.0#
84 121.3 62.7 94.1#

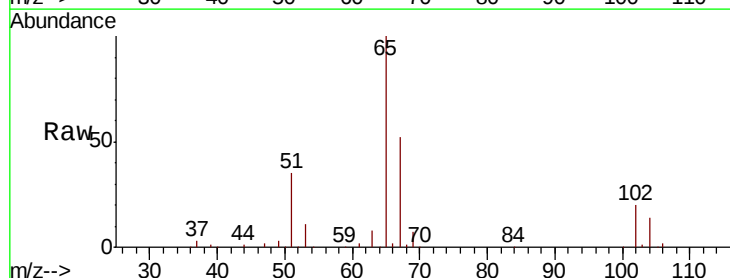


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

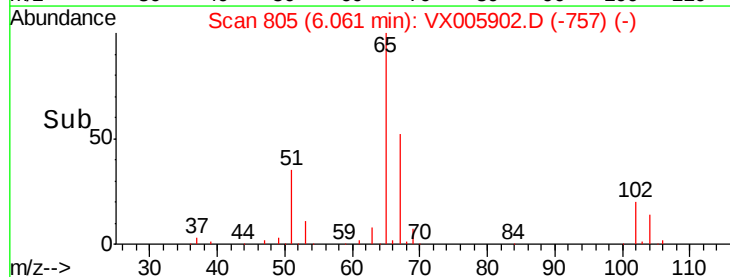
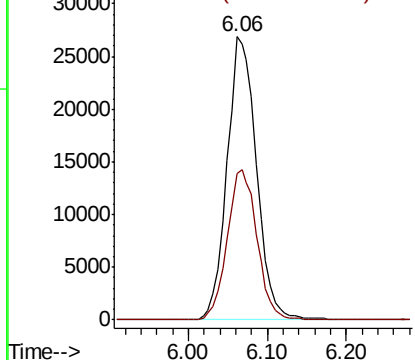


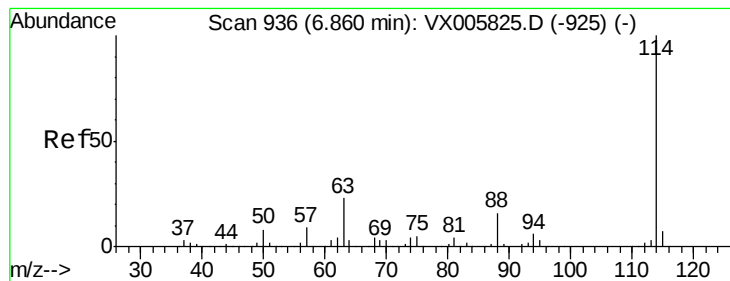
#33
1,2-Dichloroethane-d4
Concen: 49.456 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.01 min
Lab File: VX005902.D
Acq: 12 Nov 2018 16:01

Tgt Ion: 65 Resp: 69693
Ion Ratio Lower Upper
65 100
67 53.7 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: VX005902.D

Acq: 12 Nov 2018 16:01

Instrument :

MSVOA_X

ClientSampleId :

S1TB01-181108

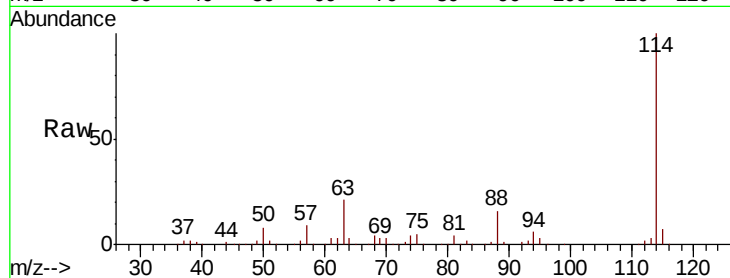
Tot Ion:114 Resp: 175504

Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.8

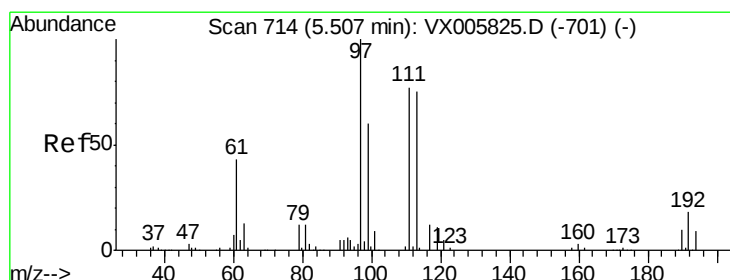
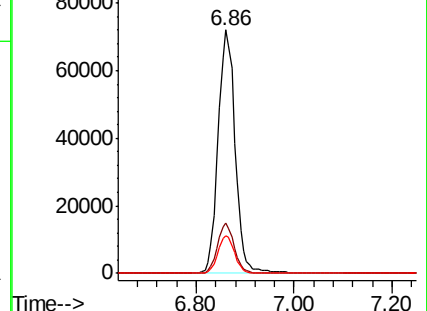
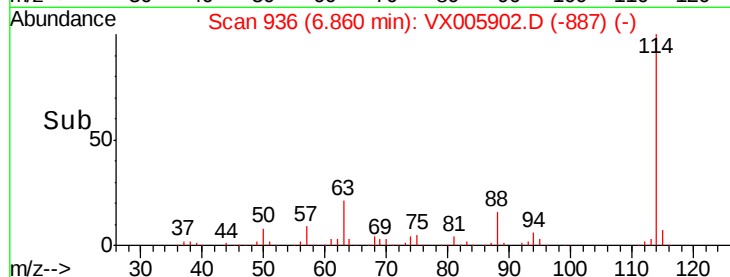
88 15.7 0.0 31.2



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: 46.946 ug/l

RT: 5.51 min Scan# 714

Delta R.T. -0.00 min

Lab File: VX005902.D

Acq: 12 Nov 2018 16:01

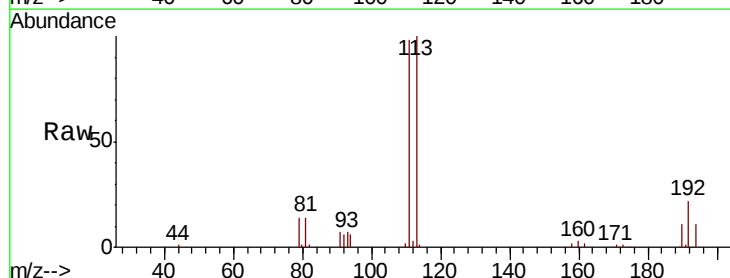
Tgt Ion:113 Resp: 56039

Ion Ratio Lower Upper

113 100

111 103.1 82.3 123.5

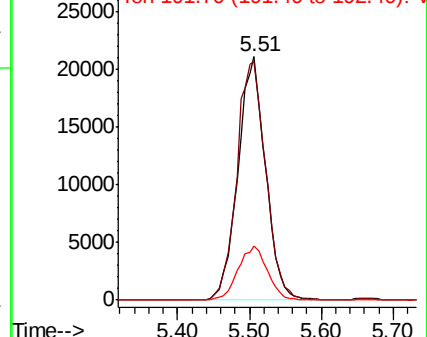
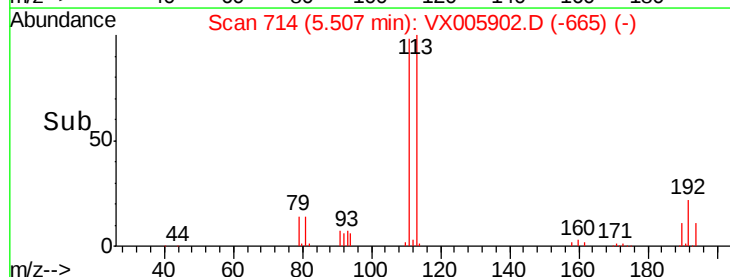
192 23.3 17.9 26.9

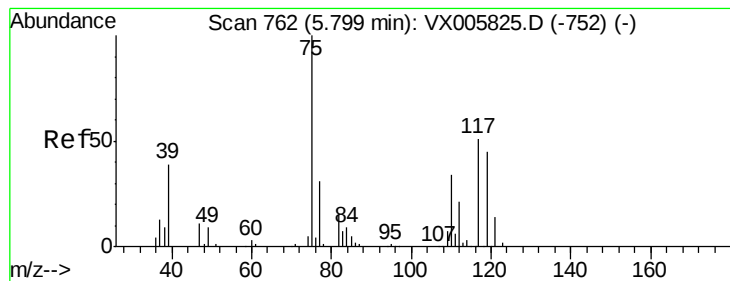


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.750 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX005902.D

Acq: 12 Nov 2018 16:01

Instrument :

MSVOA_X

ClientSampleId :

S1TB01-181108

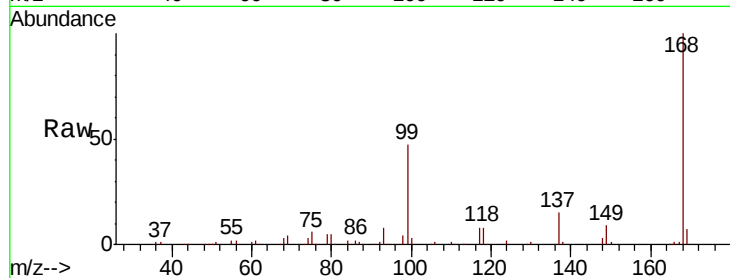
Tot Ion: 75 Resp: 8036

Ion Ratio Lower Upper

75 100

110 9.0 17.4 52.2#

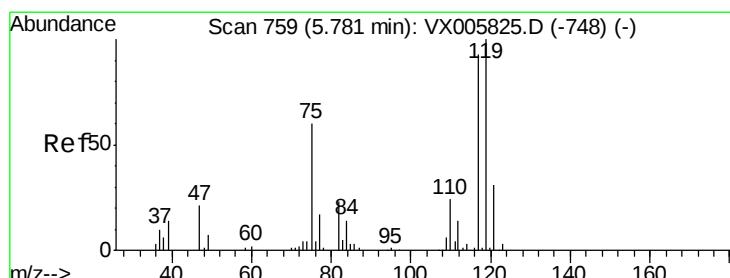
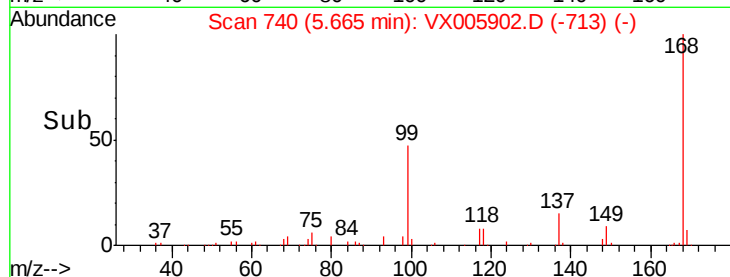
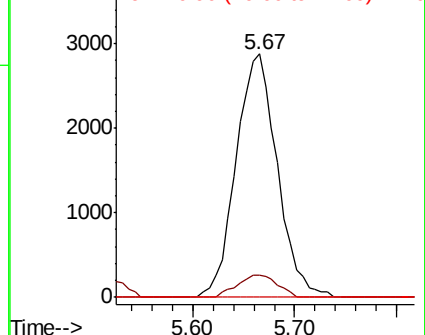
77 0.0 25.8 38.6#



Abundance Ion 74.90 (74.60 to 75.60): VX005902.D (-713) (-)

Ion 109.90 (109.60 to 110.60): VX005902.D (-713) (-)

Ion 76.90 (76.60 to 77.60): VX005902.D (-713) (-)



#38

Carbon Tetrachloride

Concen: 6.341 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX005902.D

Acq: 12 Nov 2018 16:01

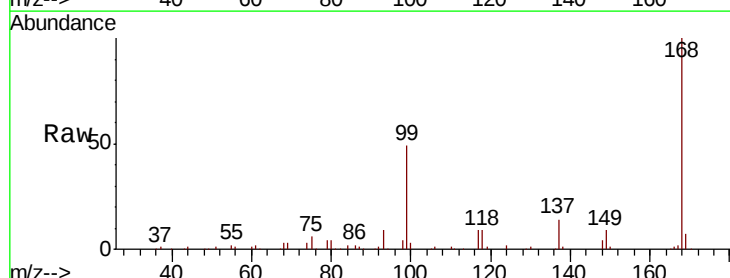
Tgt Ion: 117 Resp: 10741

Ion Ratio Lower Upper

117 100

119 6.6 78.1 117.1#

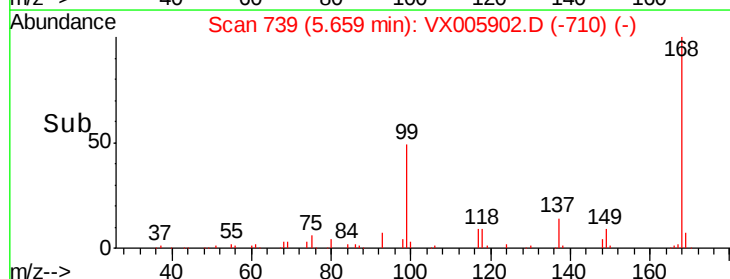
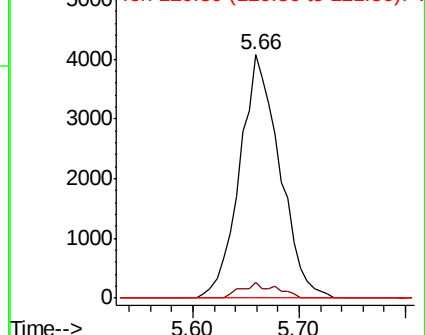
121 0.0 24.6 36.8#

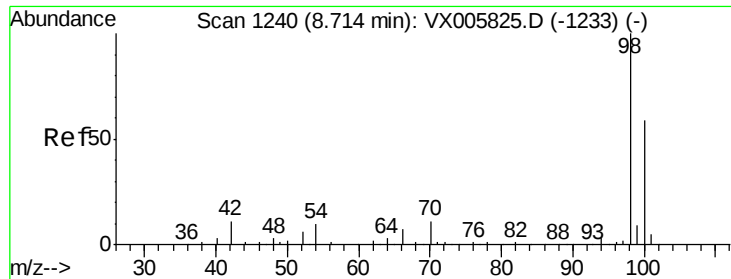


Abundance Ion 116.80 (116.50 to 117.50): VX005902.D (-710) (-)

Ion 118.80 (118.50 to 119.50): VX005902.D (-710) (-)

Ion 120.80 (120.50 to 121.50): VX005902.D (-710) (-)





#50

Toluene-d8

Concen: 52.066 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005902.D

Acq: 12 Nov 2018 16:01

Instrument :

MSVOA_X

ClientSampleId :

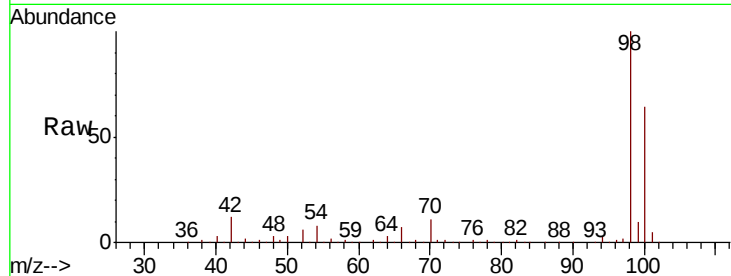
S1TB01-181108

Tot Ion: 98 Resp: 206625

Ion Ratio Lower Upper

98 100

100 63.5 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX005902.D (-1191) (-)

Ion 100.00 (99.70 to 100.70): VX005902.D (-1191) (-)

8.71

150000

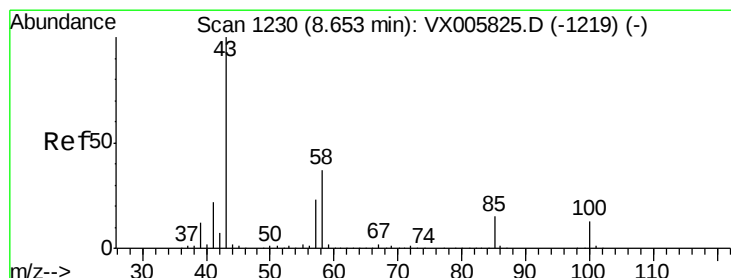
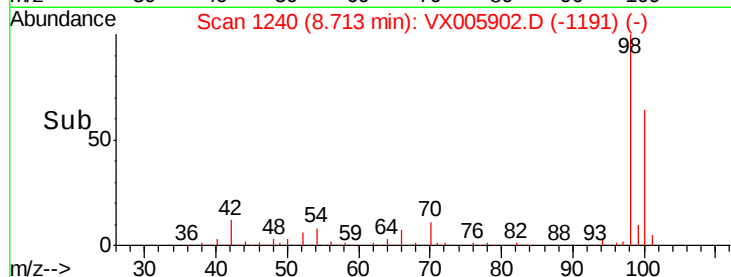
100000

50000

0

8.60 8.70 8.80 8.90

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.444 ug/l

RT: 8.71 min Scan# 1239

Delta R.T. 0.05 min

Lab File: VX005902.D

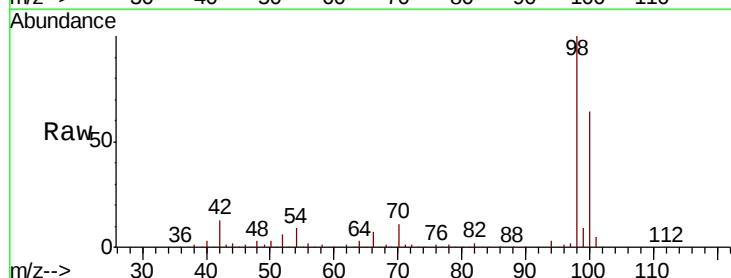
Acq: 12 Nov 2018 16:01

Tgt Ion: 43 Resp: 902

Ion Ratio Lower Upper

43 100

58 191.8 29.7 44.5#



Abundance Ion 43.00 (42.70 to 43.70): VX005902.D (-1181) (-)

Ion 58.00 (57.70 to 58.70): VX005902.D (-1181) (-)

1200

1000

800

600

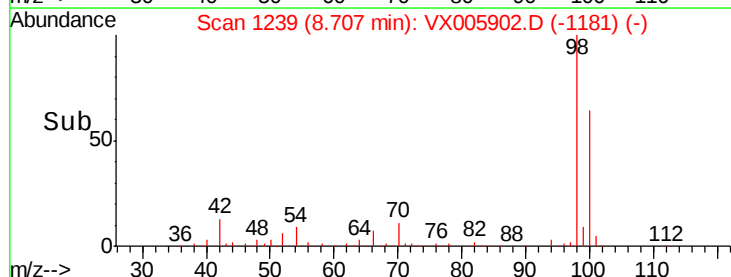
400

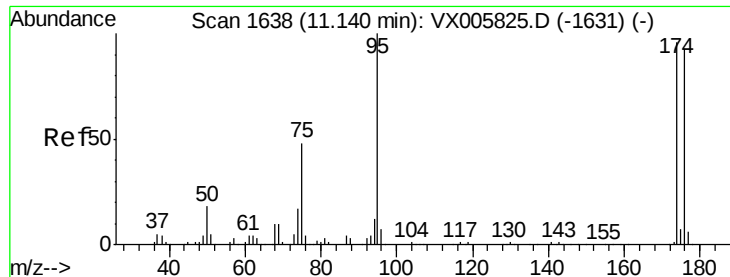
200

0

8.65 8.70 8.75

Time-->





#62

4-Bromofluorobenzene

Concen: 50.011 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX005902.D

Acq: 12 Nov 2018 16:01

Instrument :

MSVOA_X

ClientSampleId :

S1TB01-181108

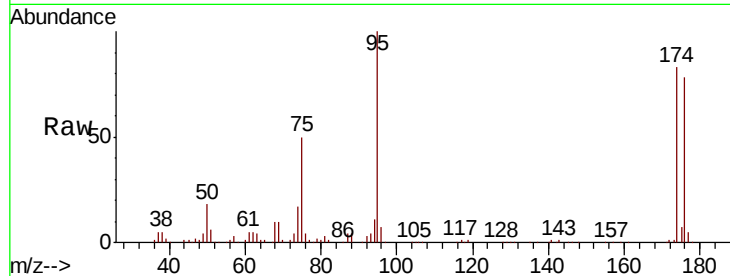
Tot Ion: 95 Resp: 71357

Ion Ratio Lower Upper

95 100

174 91.7 0.0 184.4

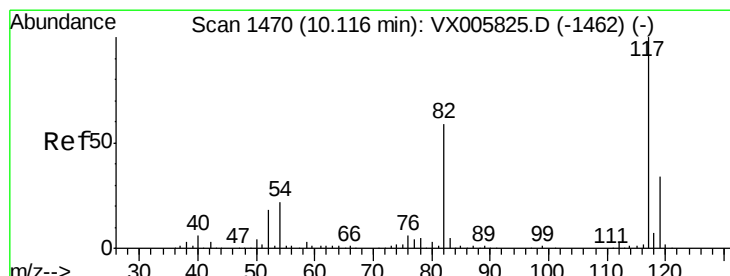
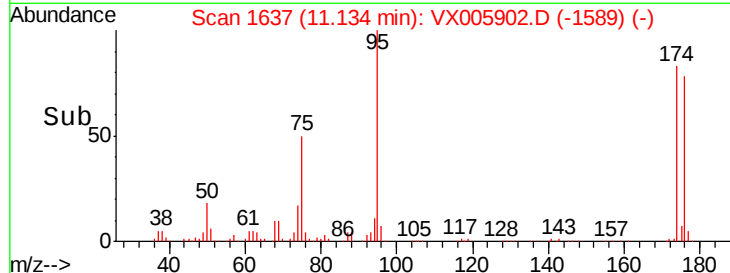
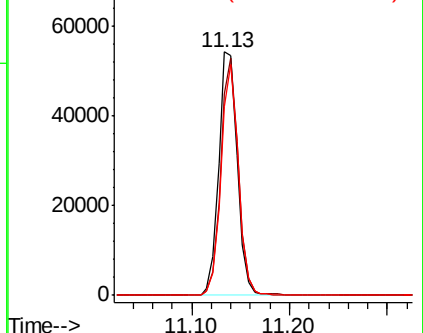
176 88.7 0.0 177.4



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: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX005902.D

Acq: 12 Nov 2018 16:01

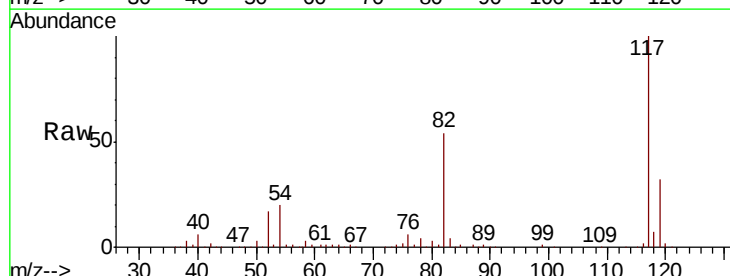
Tgt Ion: 117 Resp: 157241

Ion Ratio Lower Upper

117 100

82 53.6 44.1 66.1

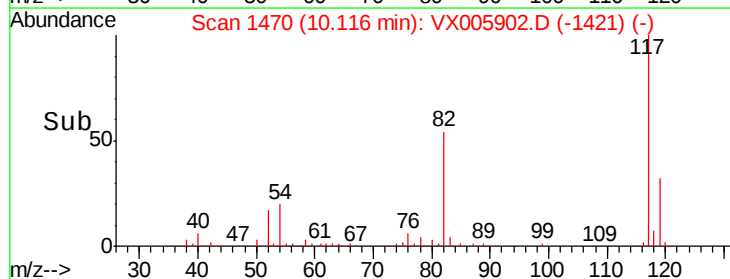
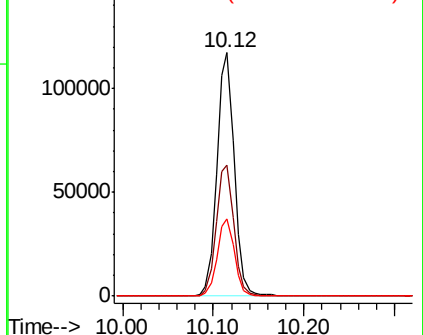
119 31.8 26.2 39.2

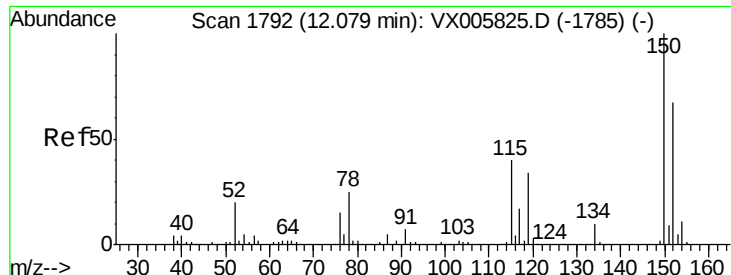


Abundance Ion 116.90 (116.60 to 117.60): V

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: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005902.D

Acq: 12 Nov 2018 16:01

Instrument :

MSVOA_X

ClientSampleId :

S1TB01-181108

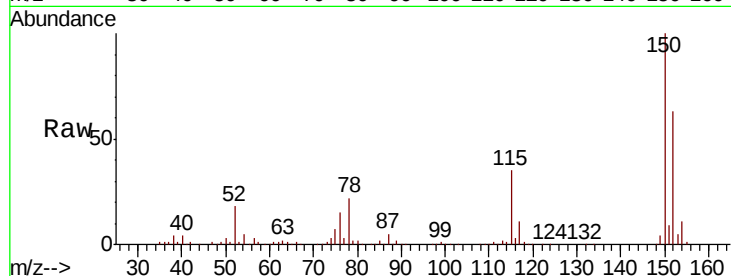
Tot Ion:152 Resp: 77250

Ion Ratio Lower Upper

152 100

115 55.6 39.4 118.1

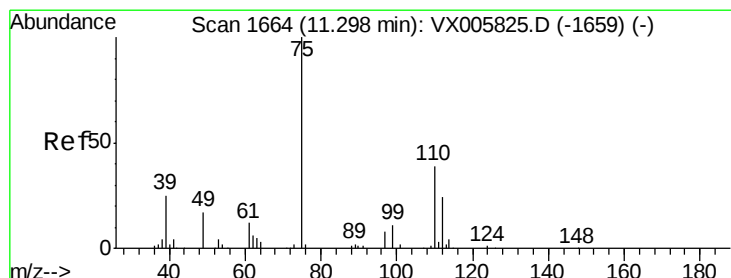
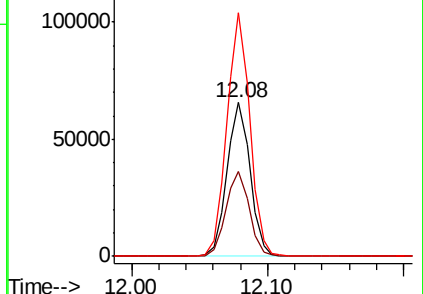
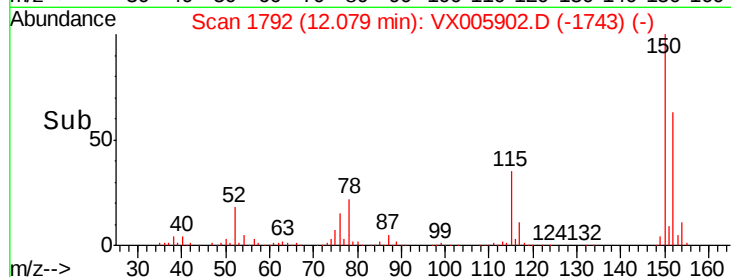
150 157.0 0.0 346.4



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



#76

1,2,3-Trichloropropane

Concen: 22.522 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX005902.D

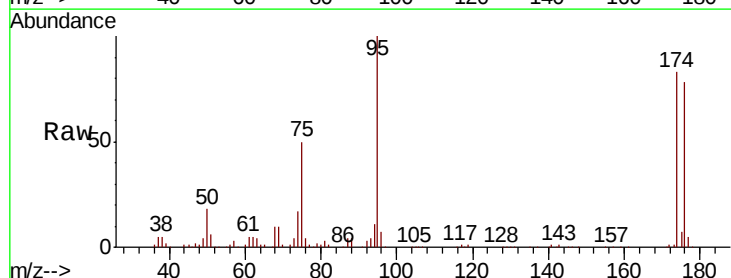
Acq: 12 Nov 2018 16:01

Tgt Ion: 75 Resp: 35427

Ion Ratio Lower Upper

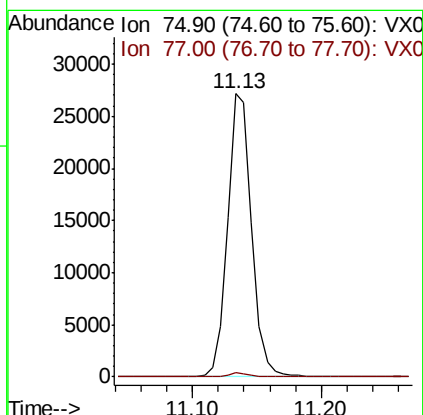
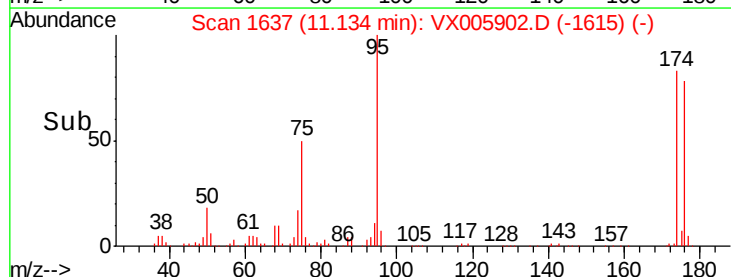
75 100

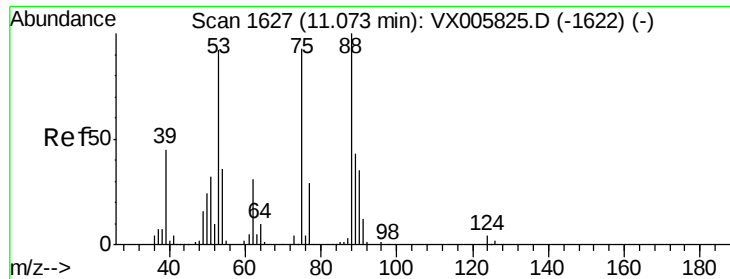
77 1.2 20.5 61.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

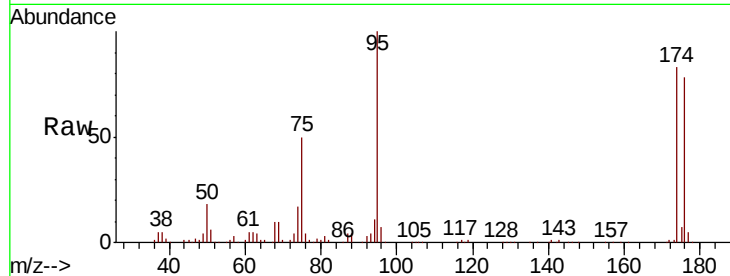




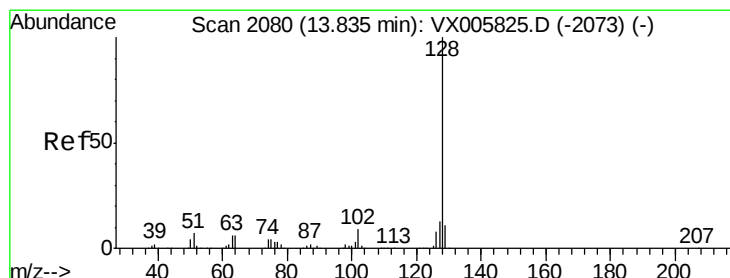
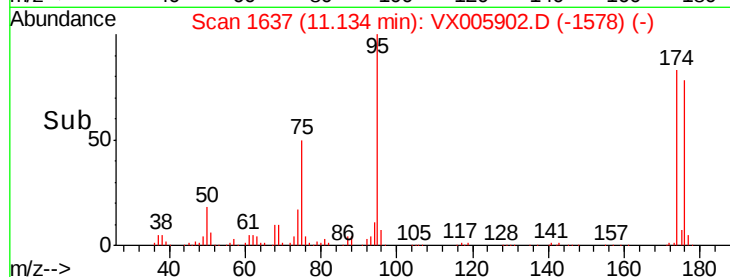
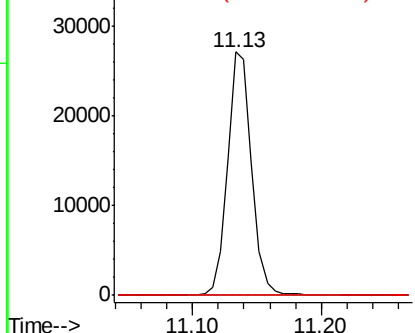
#81
trans-1,4-Dichloro-2-butene
Concen: 71.782 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX005902.D
Acq: 12 Nov 2018 16:01

Instrument :
MSVOA_X
ClientSampleId :
S1TB01-181108

Tot Ion: 75 Resp: 35427
Ion Ratio Lower Upper
75 100
53 0.1 80.2 120.2#
89 0.0 39.8 59.8#

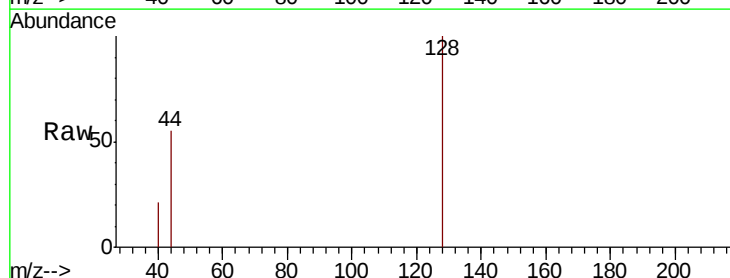


Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#95
Naphthalene
Concen: 1.233 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005902.D
Acq: 12 Nov 2018 16:01

Tgt Ion: 128 Resp: 318
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 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

