

Data File : VX001690.D
Acq On : 13 May 2018 02:01
Operator : JC/MD
Sample : PB109200ZHE#06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB109200ZHE#06

Quant Time: May 14 06:10:02 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
Quant Title : SW846 8260
QLast Update : Sun May 06 07:59:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	270035	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	368846	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	321216	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	174991	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	177642	45.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.54%	
35) Dibromofluoromethane	5.51	113	143477	43.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.46%	
50) Toluene-d8	8.72	98	507958	42.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.84%	
62) 4-Bromofluorobenzene	11.14	95	160602	34.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.86%	

Target Compounds

						Qvalue
5) Bromomethane	1.62	94	92	Below Cal	#	3
13) Acrolein	2.30	56	121	Below Cal	#	16
16) Acetone	2.45	43	7018	3.98	ug/l	98
18) Methyl Acetate	2.78	43	23545	5.08	ug/l	100
20) Methylene Chloride	2.87	84	2475	0.71	ug/l #	91
25) 2-Butanone	4.72	43	1776	0.70	ug/l #	80
29) Tetrahydrofuran	5.17	42	422	0.26	ug/l #	74
31) Cyclohexane	5.67	56	4460	0.89	ug/l #	13
36) 1,1-Dichloropropene	5.67	75	17008	3.63	ug/l #	48
38) Carbon Tetrachloride	5.67	117	22686	4.53	ug/l #	17
76) 1,2,3-Trichloropropane	11.14	75	79091	22.29	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.14	75	79091	69.25	ug/l #	7

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

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ALS Vial : 34 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

PB109200ZHE#06

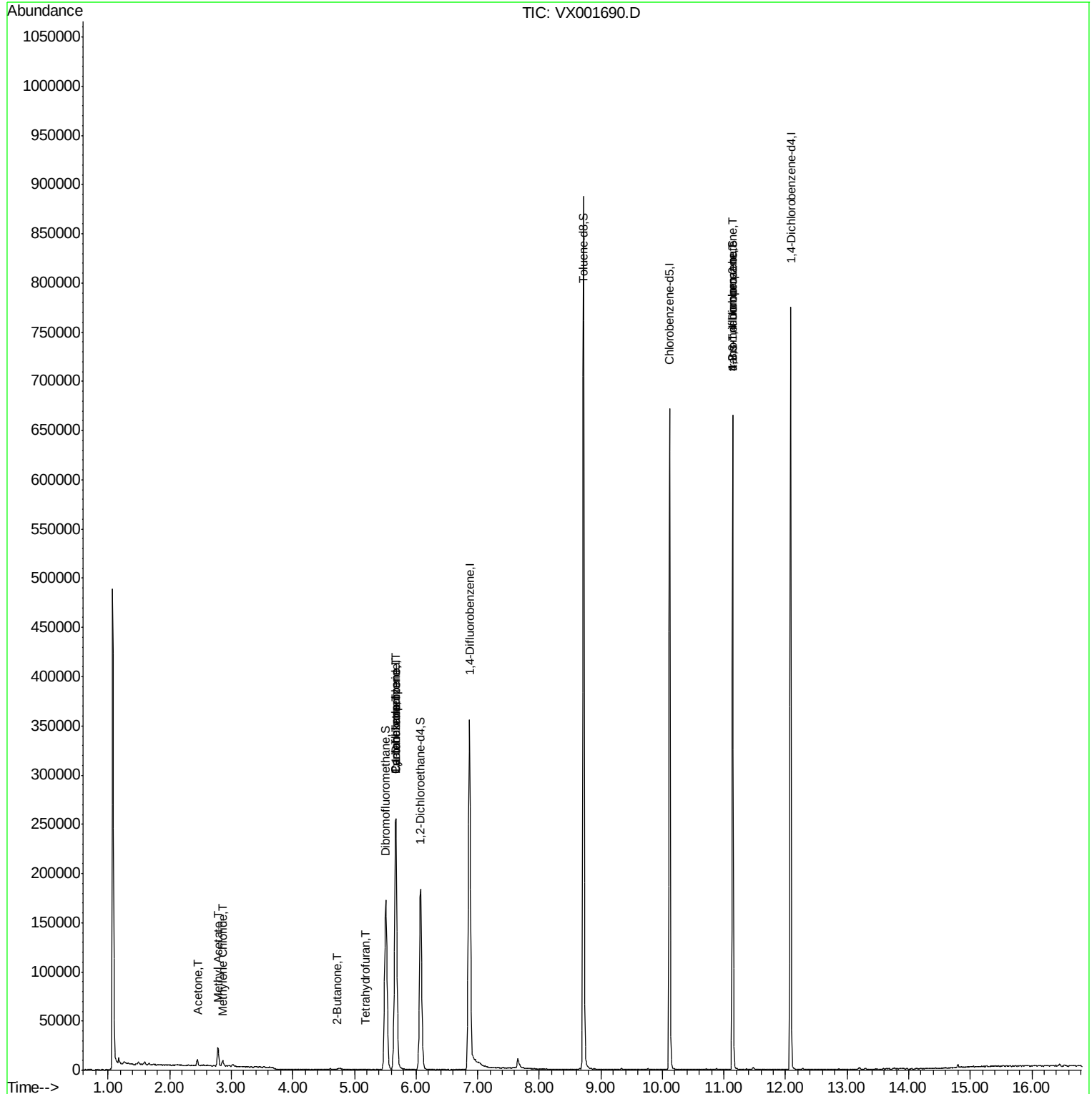
Quant Time: May 14 06:10:02 2018

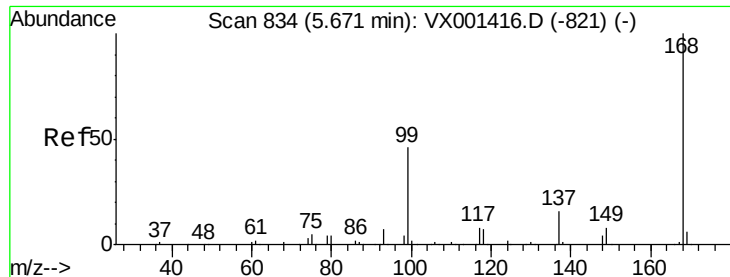
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M

Quant Title : SW846 8260

QLast Update : Sun May 06 07:59:25 2018

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001690.D

Acq: 13 May 2018 02:01

Instrument :

MSVOA_X

ClientSampleId :

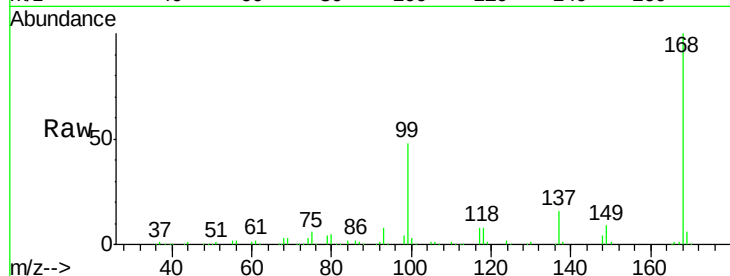
PB109200ZHE#06

Tgt Ion:168 Resp: 270035

Ion Ratio Lower Upper

168 100

99 47.8 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

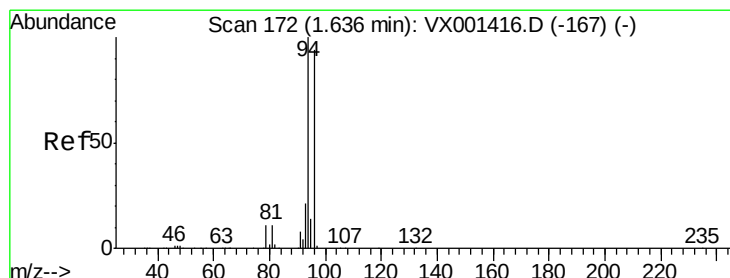
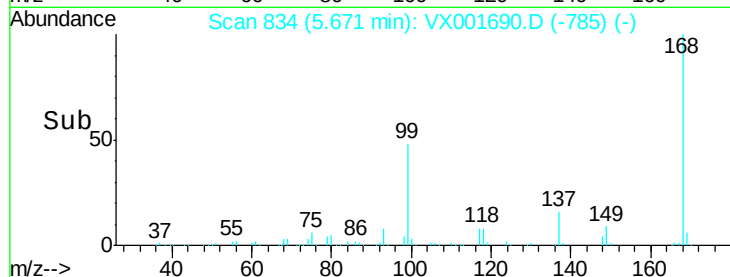
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.62 min Scan# 170

Delta R.T. -0.01 min

Lab File: VX001690.D

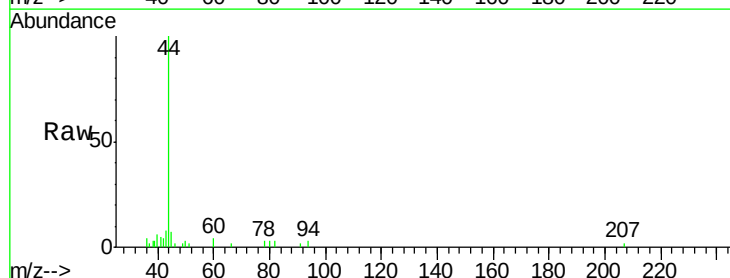
Acq: 13 May 2018 02:01

Tgt Ion: 94 Resp: 92

Ion Ratio Lower Upper

94 100

96 0.0 75.0 112.6#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

120

100

80

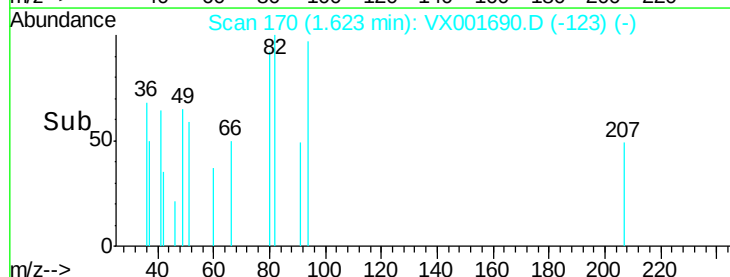
60

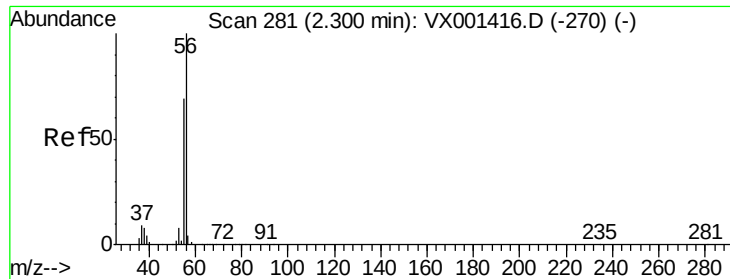
40

20

0

Time--> 1.61 1.62 1.63





#13

Acrolein

Concen: Below Cal

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX001690.D

Acq: 13 May 2018 02:01

Instrument :

MSVOA_X

ClientSampleId :

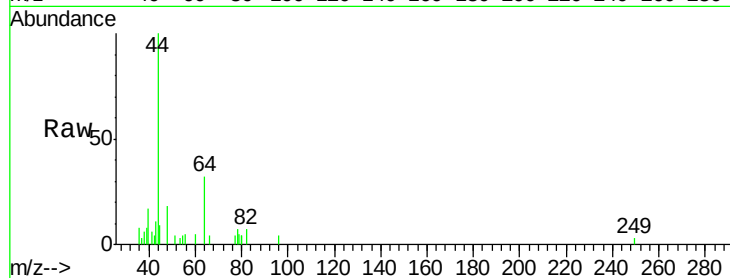
PB109200ZHE#06

Tgt Ion: 56 Resp: 121

Ion Ratio Lower Upper

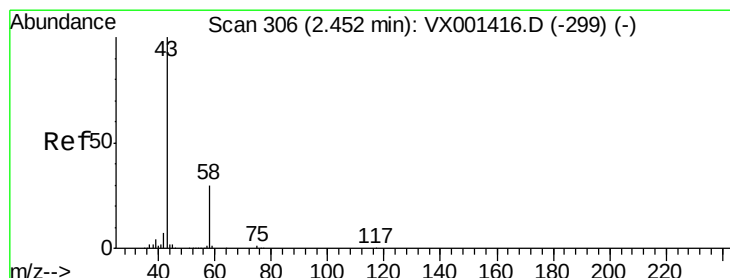
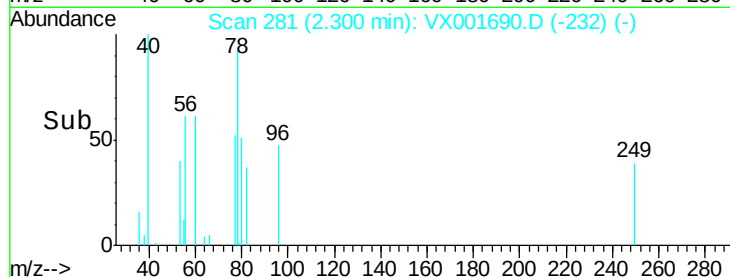
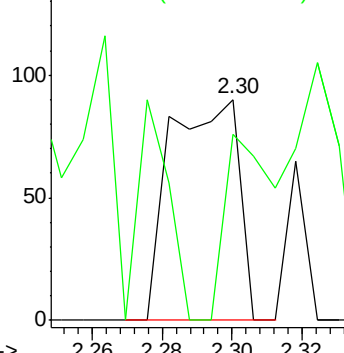
56 100

55 0.0 54.5 81.7#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#16

Acetone

Concen: 3.98 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001690.D

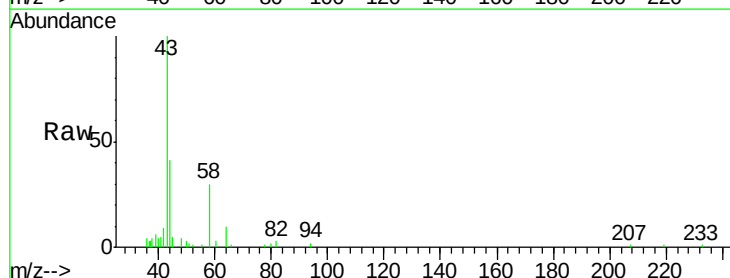
Acq: 13 May 2018 02:01

Tgt Ion: 43 Resp: 7018

Ion Ratio Lower Upper

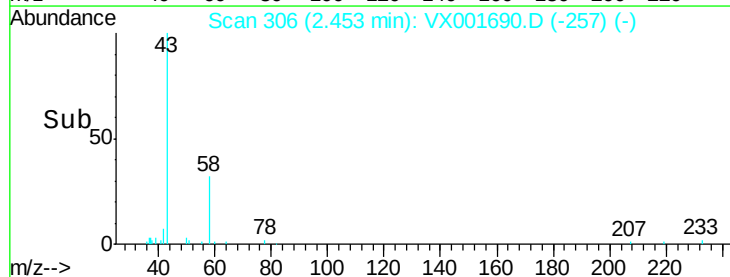
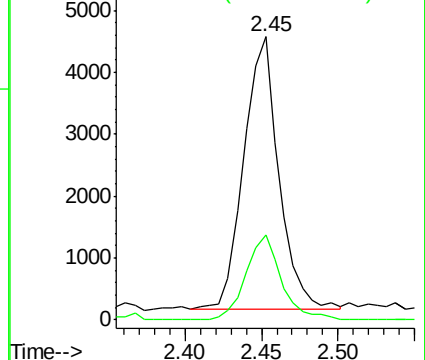
43 100

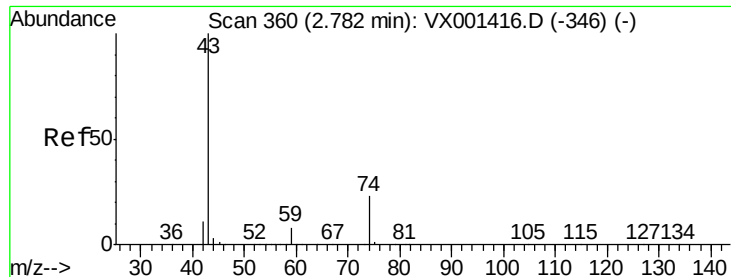
58 31.1 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

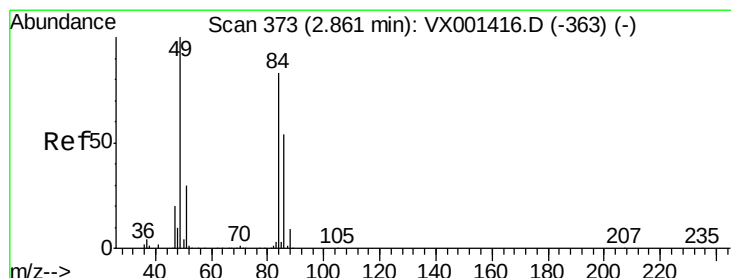
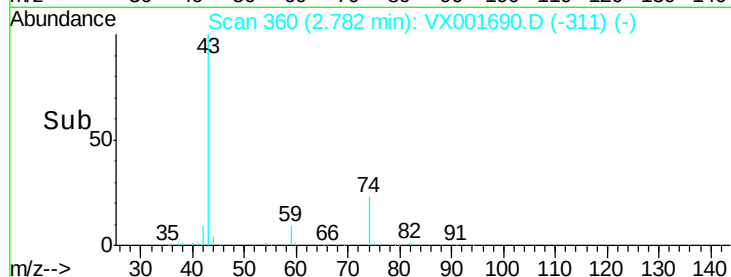
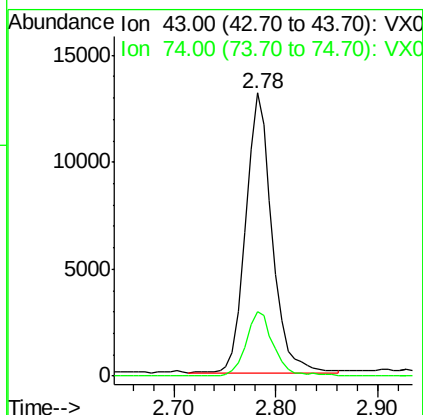
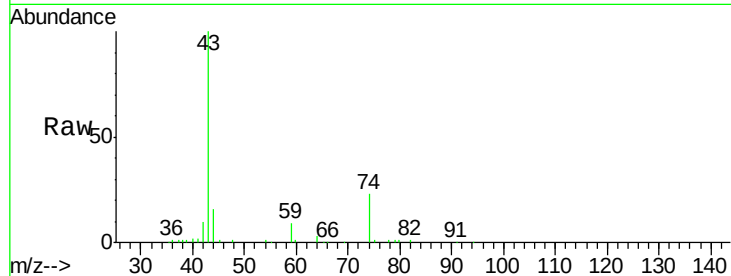




#18
Methyl Acetate
Concen: 5.08 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001690.D
Acq: 13 May 2018 02:01

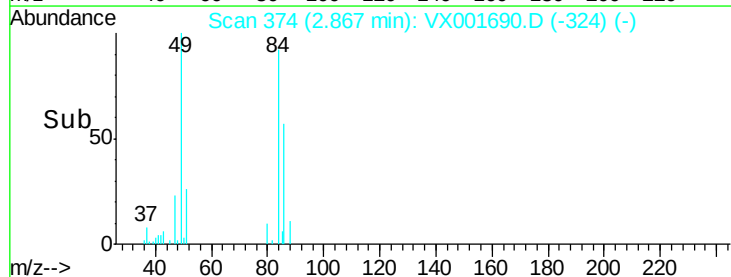
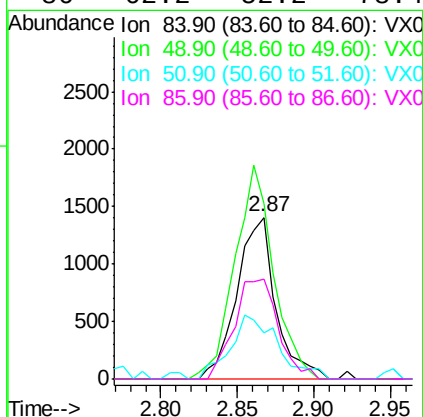
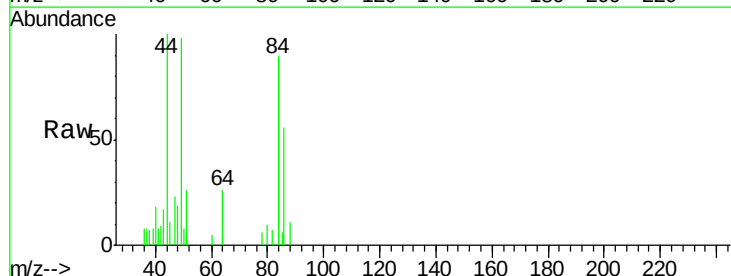
Instrument :
MSVOA_X
ClientSampleId :
PB109200ZHE#06

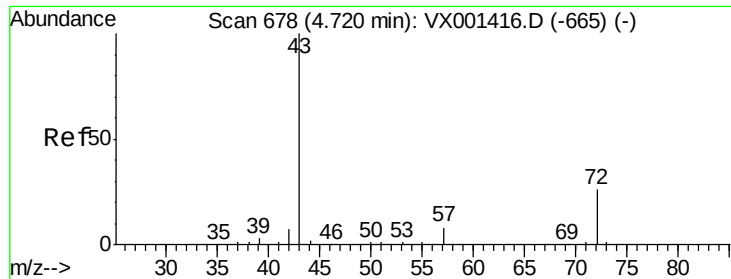
Tgt Ion: 43 Resp: 23545
Ion Ratio Lower Upper
43 100
74 23.4 18.6 27.8



#20
Methylene Chloride
Concen: 0.71 ug/l
RT: 2.87 min Scan# 374
Delta R.T. 0.01 min
Lab File: VX001690.D
Acq: 13 May 2018 02:01

Tgt Ion: 84 Resp: 2475
Ion Ratio Lower Upper
84 100
49 108.6 96.6 144.8
51 28.7 29.0 43.4#
86 62.2 52.2 78.4





#25

2-Butanone

Concen: 0.70 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.00 min

Lab File: VX001690.D

Acq: 13 May 2018 02:01

Instrument :

MSVOA_X

ClientSampleId :

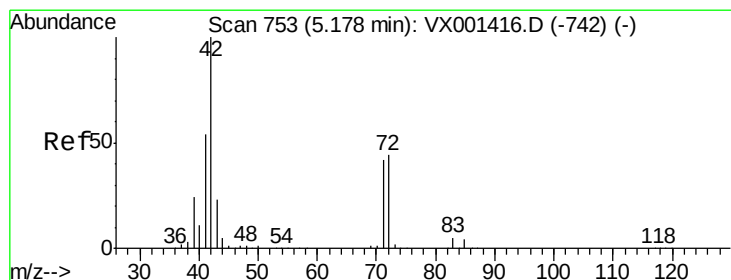
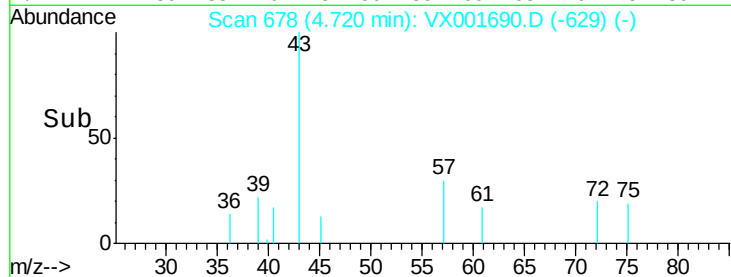
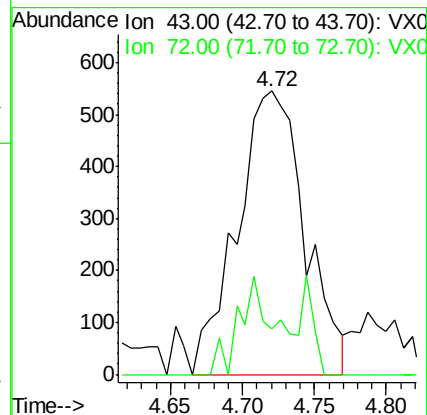
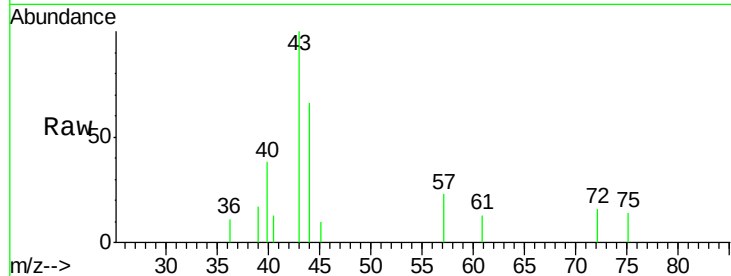
PB109200ZHE#06

Tgt Ion: 43 Resp: 1776

Ion Ratio Lower Upper

43 100

72 16.0 20.7 31.1#



#29

Tetrahydrofuran

Concen: 0.26 ug/l

RT: 5.17 min Scan# 751

Delta R.T. -0.01 min

Lab File: VX001690.D

Acq: 13 May 2018 02:01

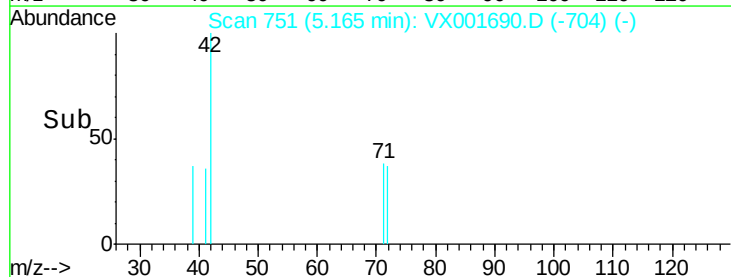
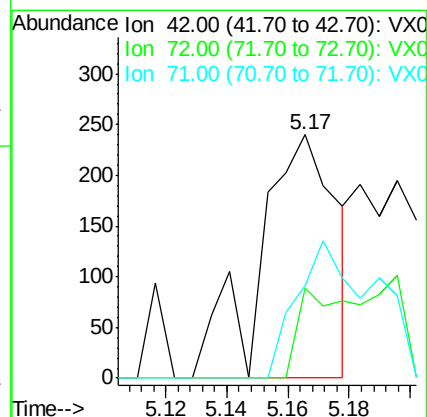
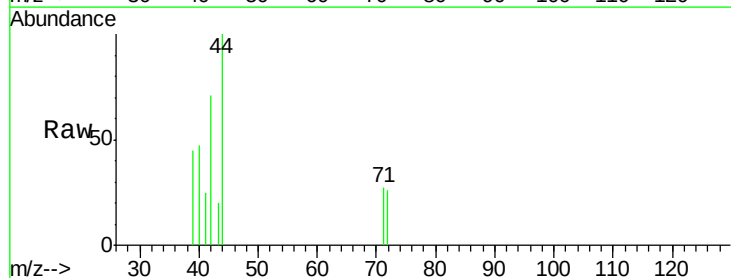
Tgt Ion: 42 Resp: 422

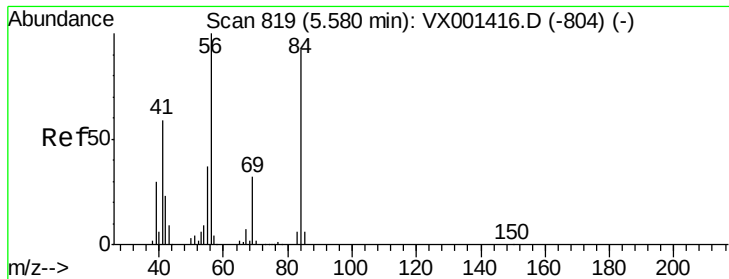
Ion Ratio Lower Upper

42 100

72 26.8 35.4 53.2#

71 56.4 33.0 49.4#





#31

Cyclohexane

Concen: 0.89 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.09 min

Lab File: VX001690.D

Acq: 13 May 2018 02:01

Instrument :

MSVOA_X

ClientSampleId :

PB109200ZHE#06

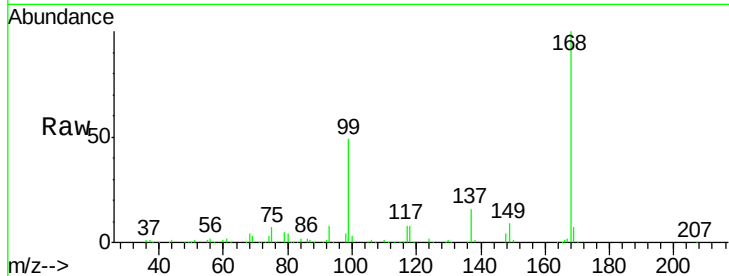
Tgt Ion: 56 Resp: 4460

Ion Ratio Lower Upper

56 100

69 169.4 25.4 38.0#

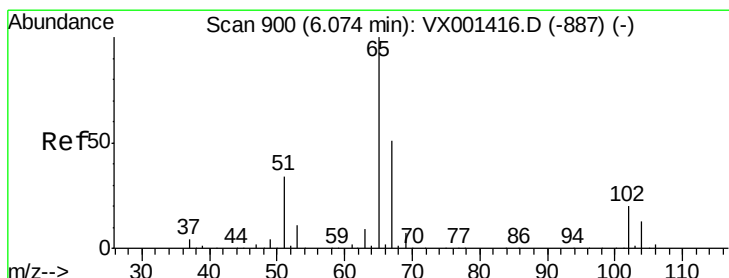
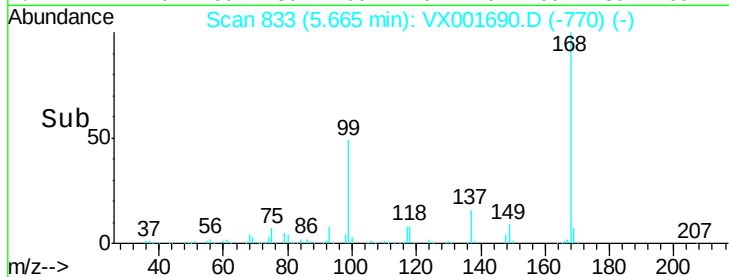
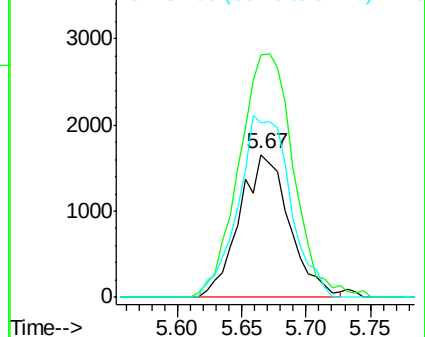
84 122.0 73.8 110.8#



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: 45.77 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001690.D

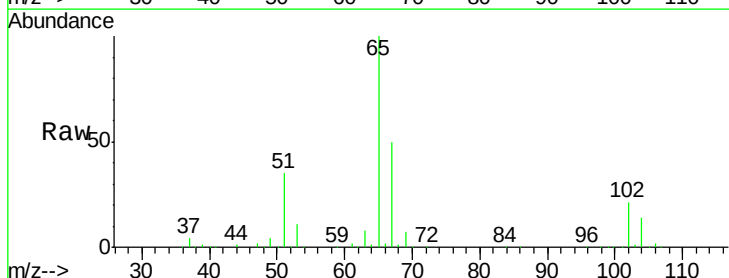
Acq: 13 May 2018 02:01

Tgt Ion: 65 Resp: 177642

Ion Ratio Lower Upper

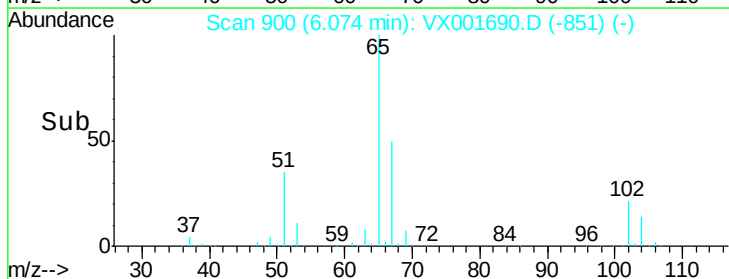
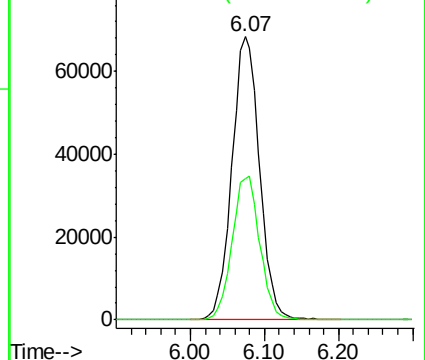
65 100

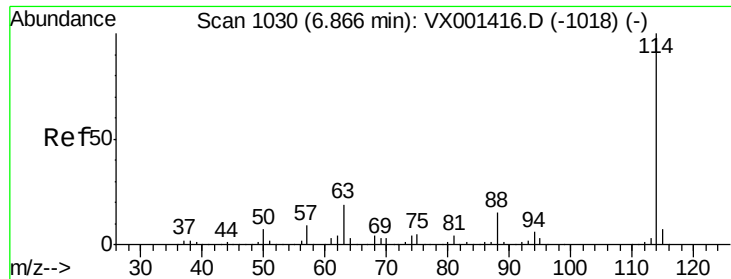
67 51.0 0.0 101.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

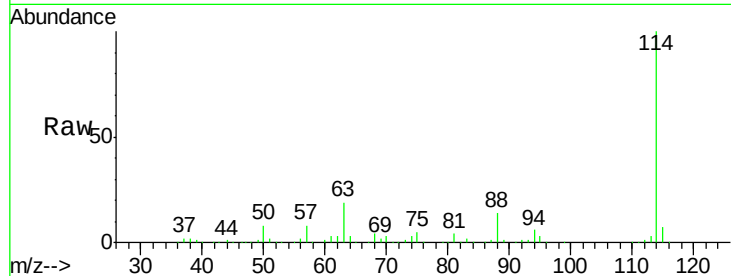




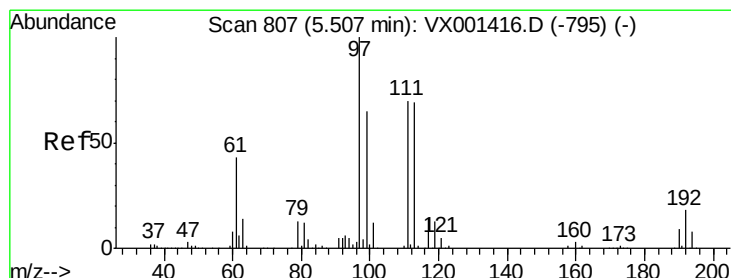
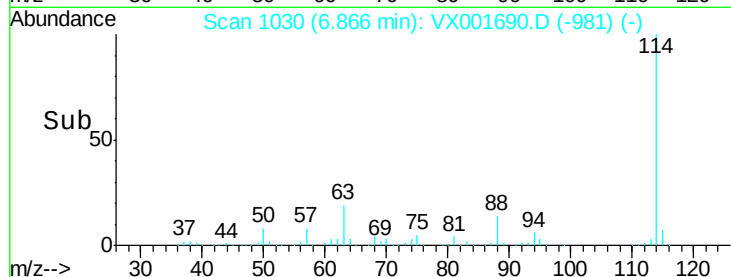
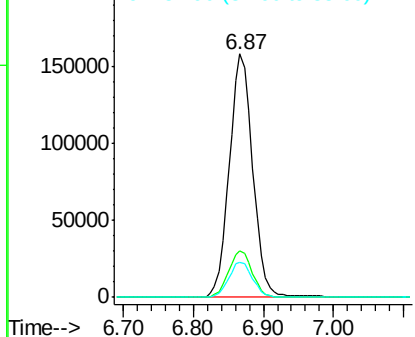
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001690.D
 Acq: 13 May 2018 02:01

Instrument :
 MSVOA_X
 ClientSampleId :
 PB109200ZHE#06

Tgt Ion:114 Resp: 368846
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 38.6
 88 14.4 0.0 30.8

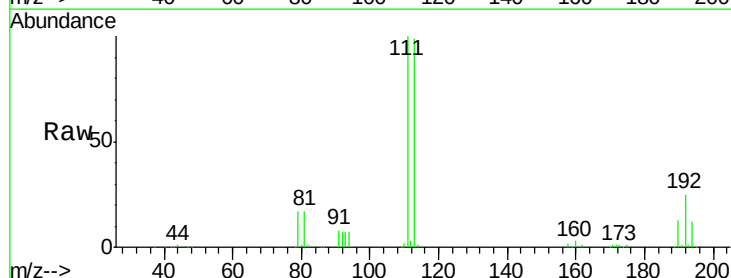


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

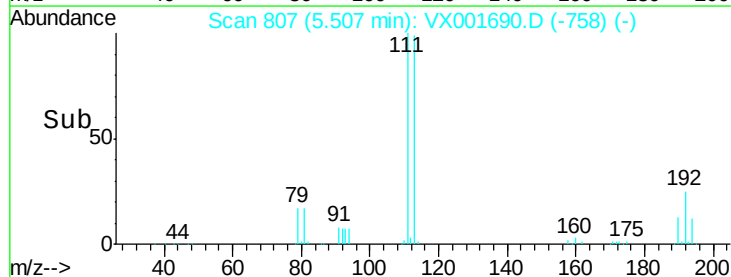
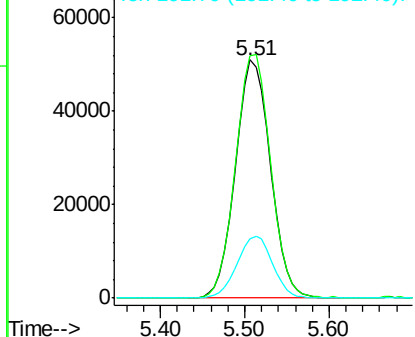


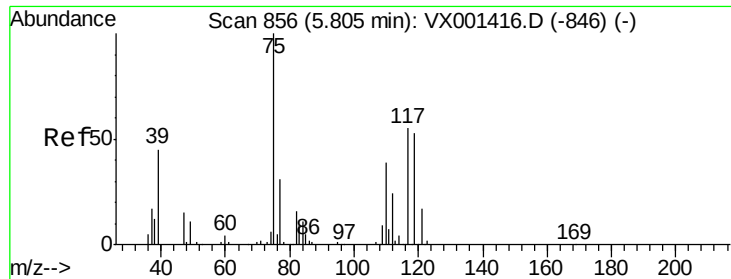
#35
 Dibromofluoromethane
 Concen: 43.73 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX001690.D
 Acq: 13 May 2018 02:01

Tgt Ion:113 Resp: 143477
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.2 123.2
 192 26.3 21.4 32.0



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

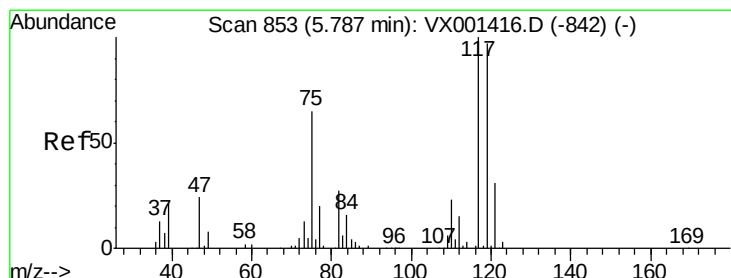
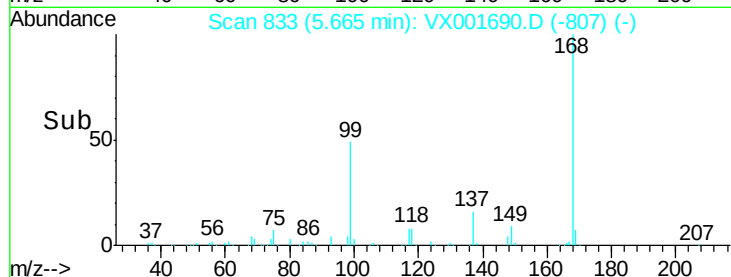
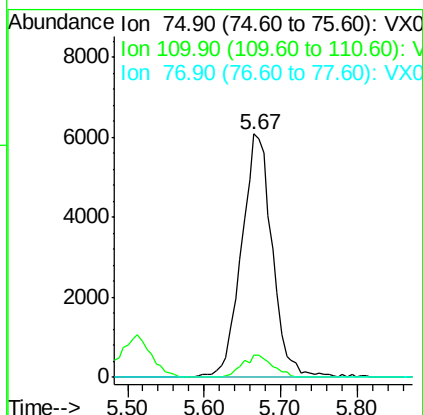
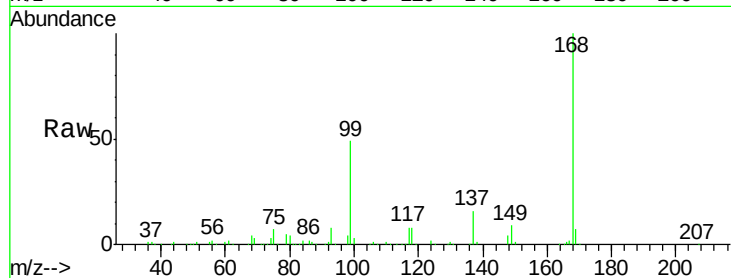




#36
 1,1-Dichloropropene
 Concen: 3.63 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.14 min
 Lab File: VX001690.D
 Acq: 13 May 2018 02:01

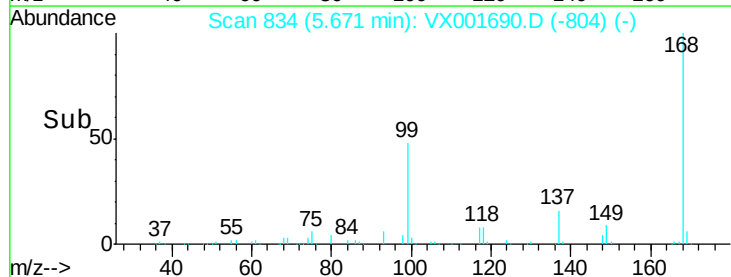
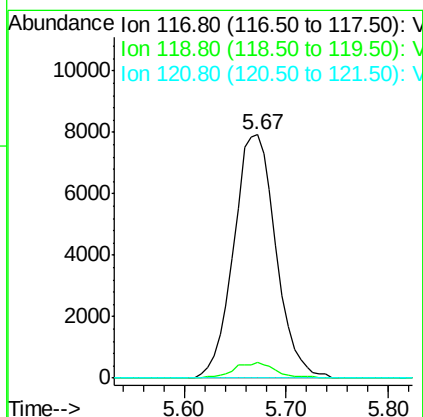
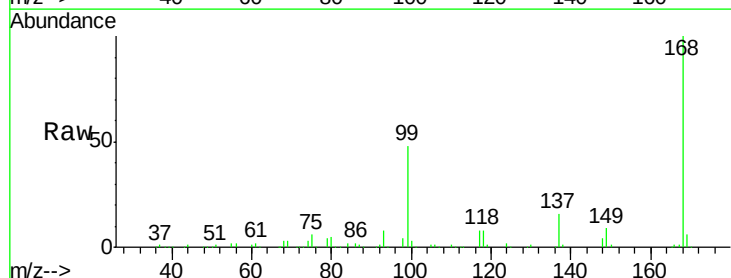
Instrument :
 MSVOA_X
 ClientSampleId :
 PB109200ZHE#06

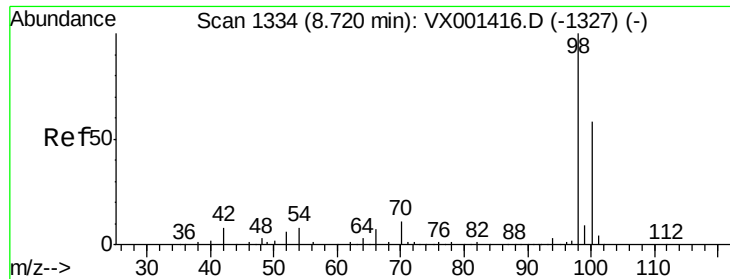
Tgt Ion: 75 Resp: 17008
 Ion Ratio Lower Upper
 75 100
 110 9.0 18.9 56.7#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 4.53 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.12 min
 Lab File: VX001690.D
 Acq: 13 May 2018 02:01

Tgt Ion: 117 Resp: 22686
 Ion Ratio Lower Upper
 117 100
 119 6.3 77.0 115.6#
 121 0.0 25.1 37.7#





#50

Toluene-d8

Concen: 42.42 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001690.D

Acq: 13 May 2018 02:01

Instrument :

MSVOA_X

ClientSampleId :

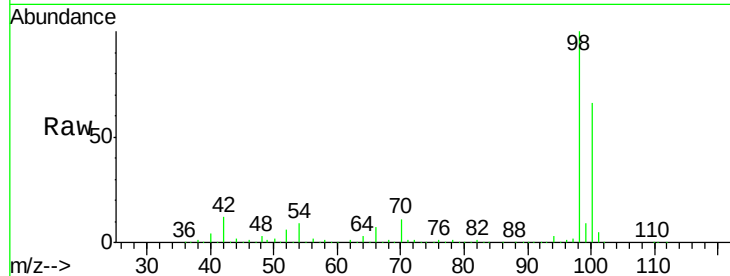
PB109200ZHE#06

Tgt Ion: 98 Resp: 507958

Ion Ratio Lower Upper

98 100

100 66.3 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.72

300000

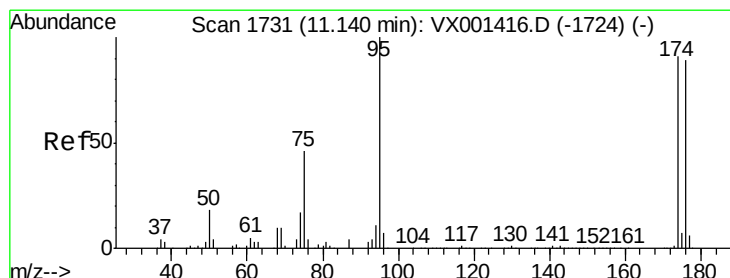
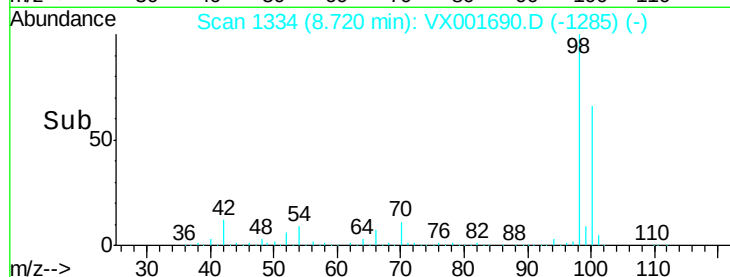
200000

100000

0

Time-->

8.60 8.70 8.80 8.90



#62

4-Bromofluorobenzene

Concen: 34.93 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001690.D

Acq: 13 May 2018 02:01

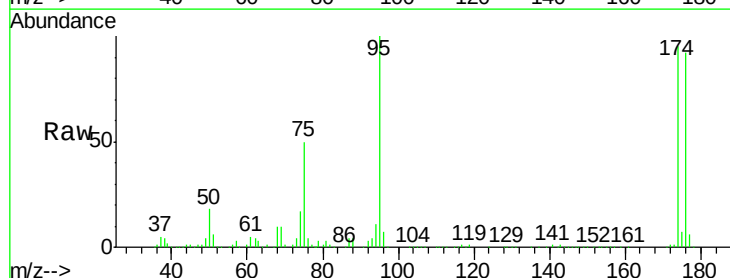
Tgt Ion: 95 Resp: 160602

Ion Ratio Lower Upper

95 100

174 103.2 0.0 202.0

176 99.6 0.0 197.4



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

11.14

150000

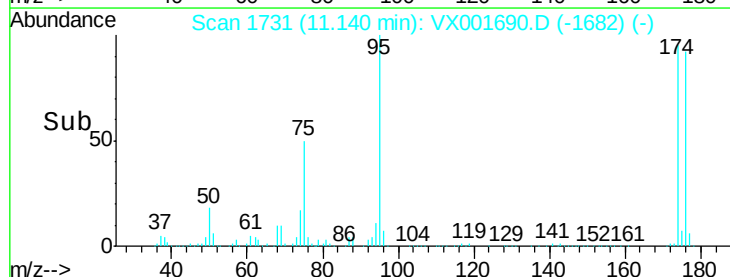
100000

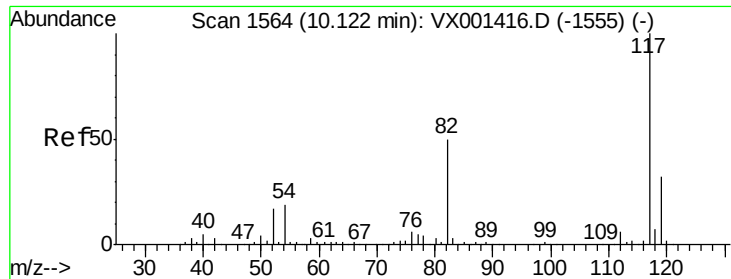
50000

0

Time-->

11.10 11.20





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.01 min

Lab File: VX001690.D

Acq: 13 May 2018 02:01

Instrument :

MSVOA_X

ClientSampleId :

PB109200ZHE#06

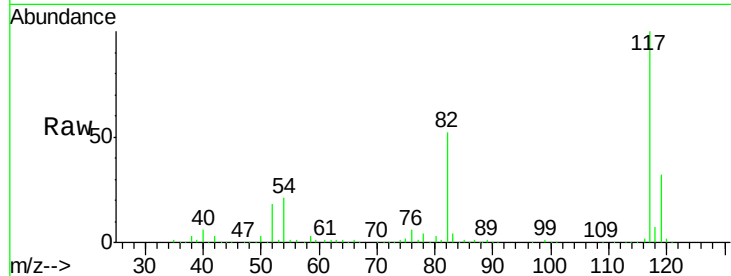
Tgt Ion:117 Resp: 321216

Ion Ratio Lower Upper

117 100

82 52.2 40.0 60.0

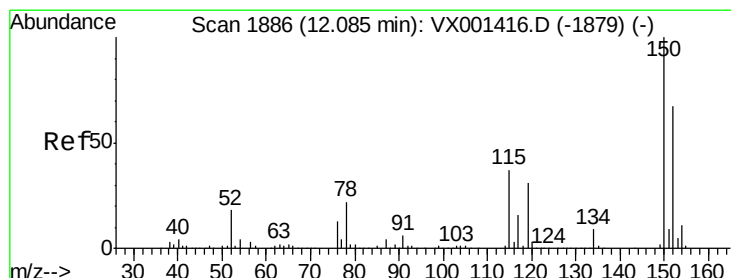
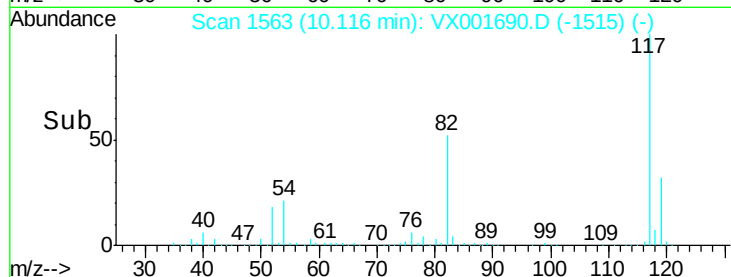
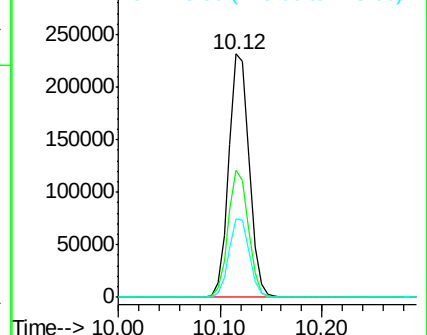
119 32.5 25.8 38.8



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: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001690.D

Acq: 13 May 2018 02:01

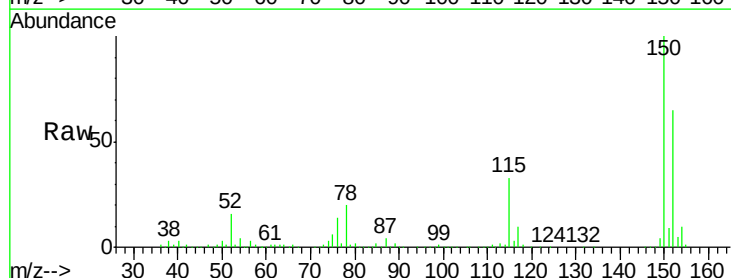
Tgt Ion:152 Resp: 174991

Ion Ratio Lower Upper

152 100

115 52.2 37.7 113.1

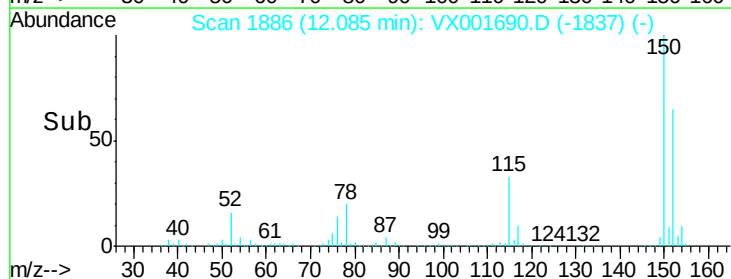
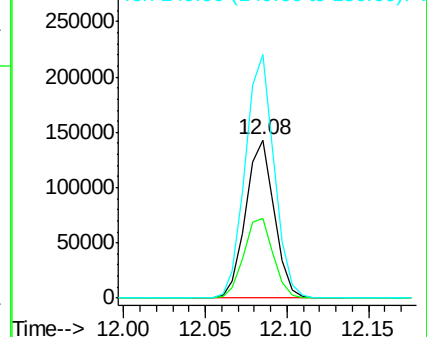
150 155.9 0.0 349.4

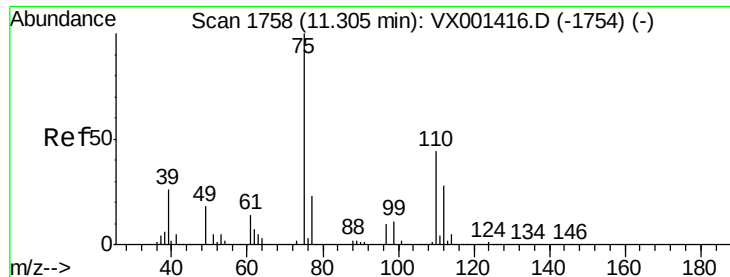


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

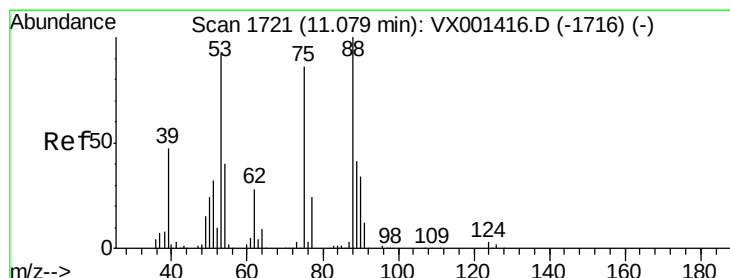
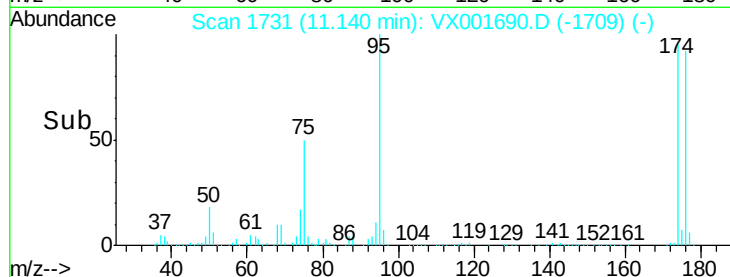
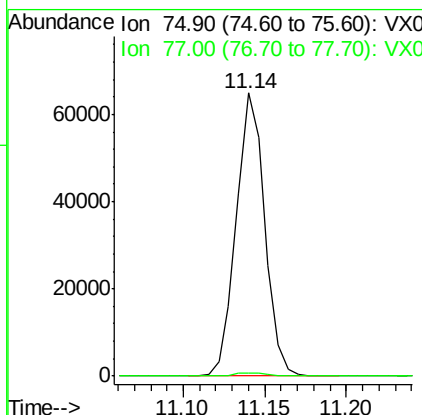
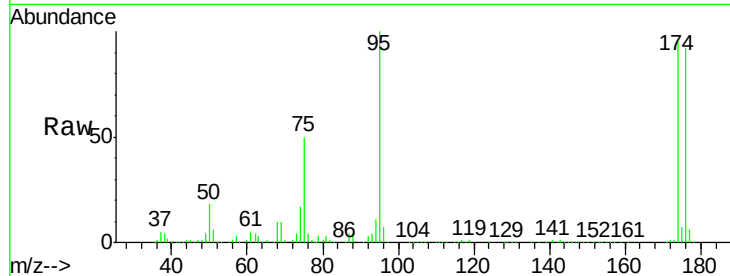




#76
 1,2,3-Trichloropropane
 Concen: 22.29 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX001690.D
 Acq: 13 May 2018 02:01

Instrument :
 MSVOA_X
 ClientSampleId :
 PB109200ZHE#06

Tgt Ion: 75 Resp: 79091
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.6 58.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.25 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX001690.D
 Acq: 13 May 2018 02:01

Tgt Ion: 75 Resp: 79091
 Ion Ratio Lower Upper
 75 100
 53 0.1 84.5 126.7#
 89 0.0 39.5 59.3#

