

Data File : VX001698.D

Acq On : 13 May 2018 05:33

Operator : JC/MD

Sample : PB109200ZHE#14

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB109200ZHE#14

Quant Time: May 14 06:12:19 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	270409	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	361429	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	305348	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	151718	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	176486	45.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.82%	
35) Dibromofluoromethane	5.51	113	142015	44.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.34%	
50) Toluene-d8	8.72	98	498807	42.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.02%	
62) 4-Bromofluorobenzene	11.14	95	145807	32.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	64.74%	

Target Compounds

						Qvalue
5) Bromomethane	1.65	94	278	Below Cal	#	66
11) Tert butyl alcohol	3.02	59	2239	2.73	ug/l #	75
13) Acrolein	2.30	56	77	Below Cal	#	59
16) Acetone	2.45	43	7110	4.03	ug/l	98
18) Methyl Acetate	2.78	43	22954	4.95	ug/l	97
20) Methylene Chloride	2.86	84	2392	0.68	ug/l #	79
25) 2-Butanone	4.71	43	2304	0.90	ug/l #	80
29) Tetrahydrofuran	5.17	42	843	0.52	ug/l #	33
31) Cyclohexane	5.67	56	4590	0.92	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	16376	3.56	ug/l #	49
38) Carbon Tetrachloride	5.67	117	23417	4.78	ug/l #	16
76) 1,2,3-Trichloropropane	11.14	75	70506	22.91	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.14	75	70506	71.08	ug/l #	7

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

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Instrument :

MSVOA_X

ClientSampleId :

PB109200ZHE#14

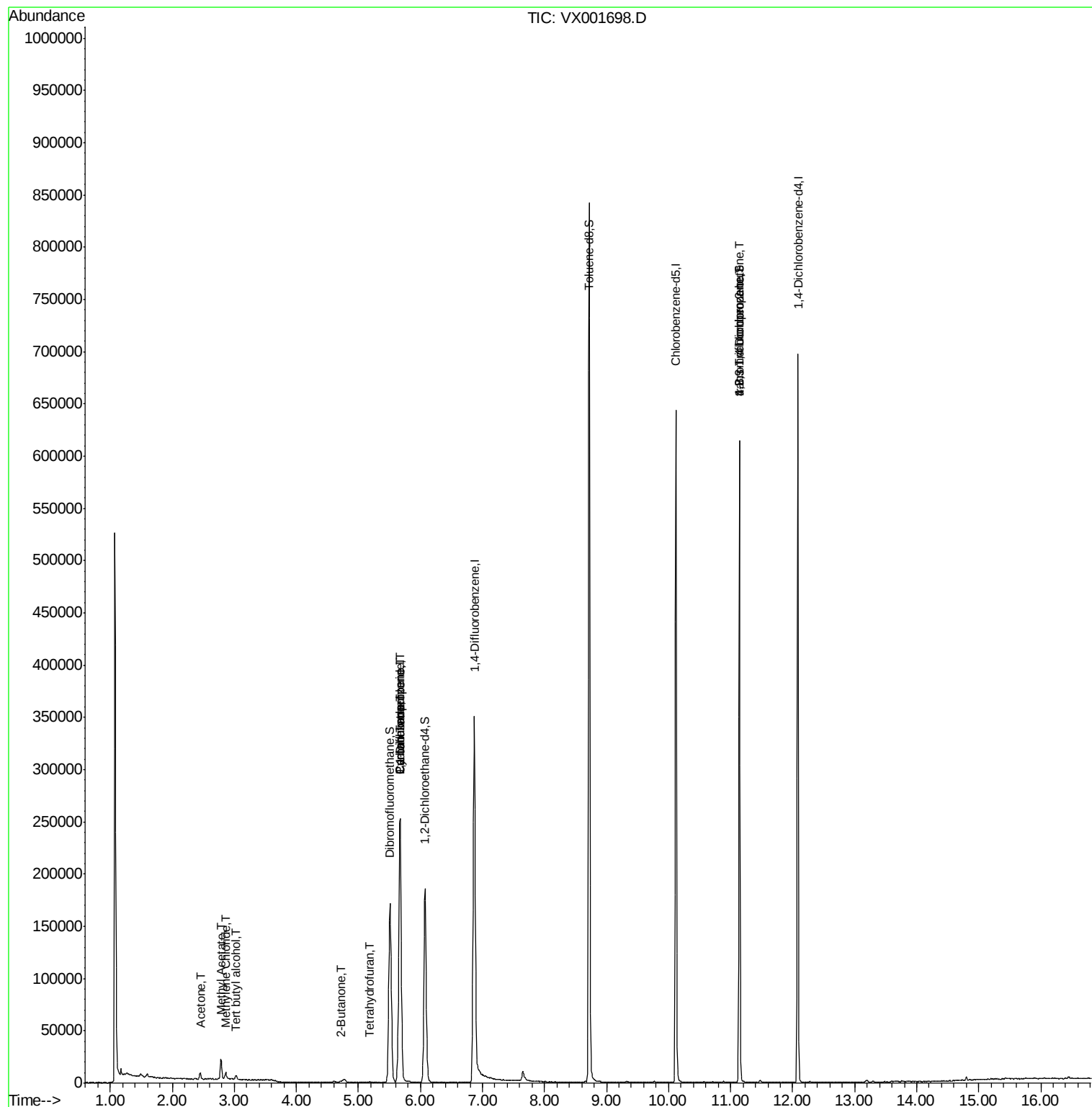
Quant Time: May 14 06:12:19 2018

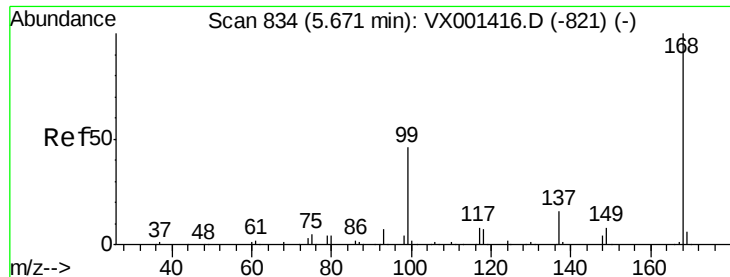
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M

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: VX001698.D

Acq: 13 May 2018 05:33

Instrument :

MSVOA_X

ClientSampleId :

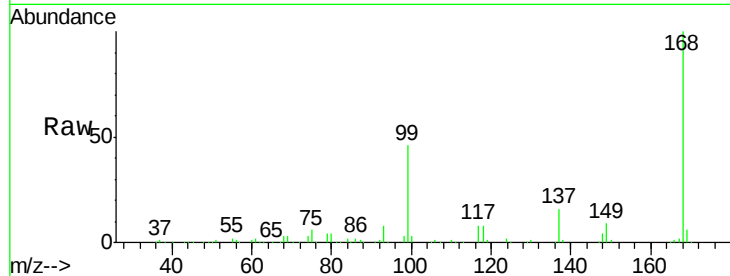
PB109200ZHE#14

Tgt Ion:168 Resp: 270409

Ion Ratio Lower Upper

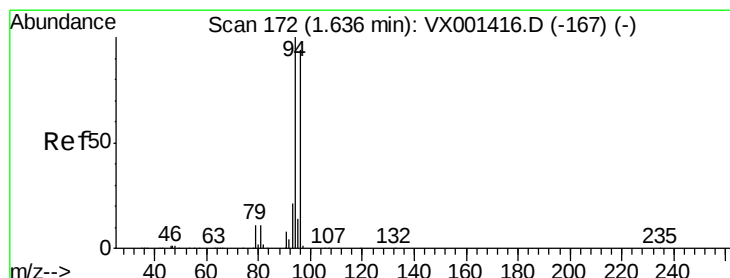
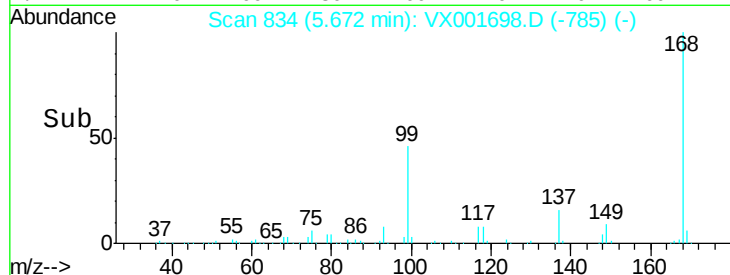
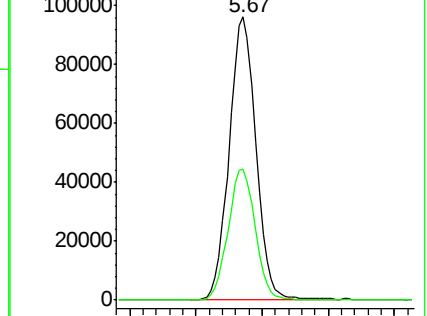
168 100

99 46.4 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX001698.D

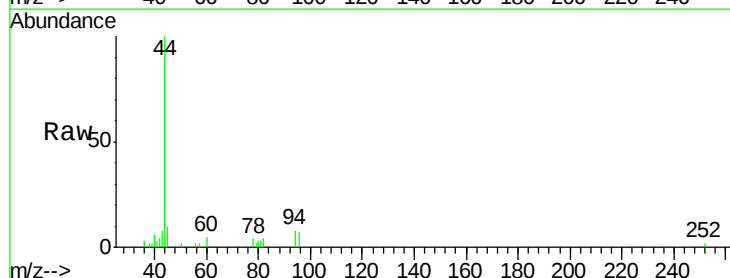
Acq: 13 May 2018 05:33

Tgt Ion: 94 Resp: 278

Ion Ratio Lower Upper

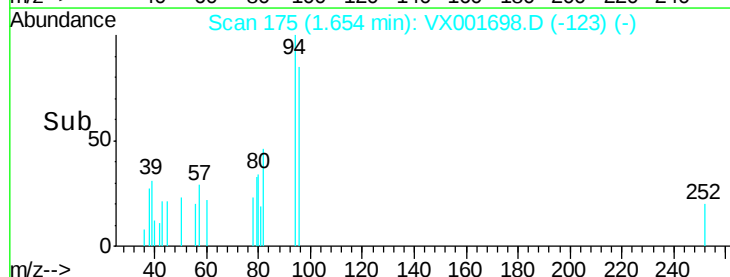
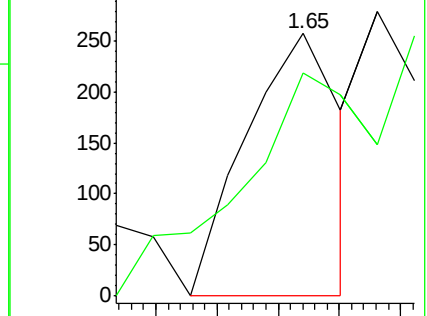
94 100

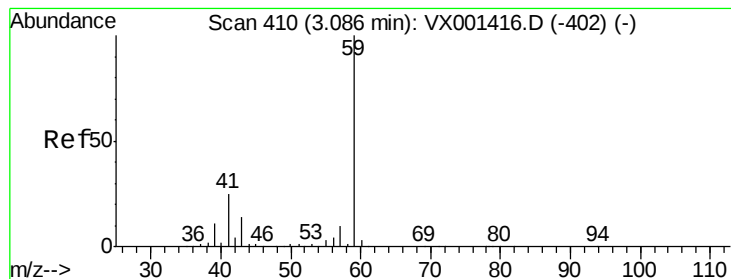
96 61.2 75.0 112.6#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



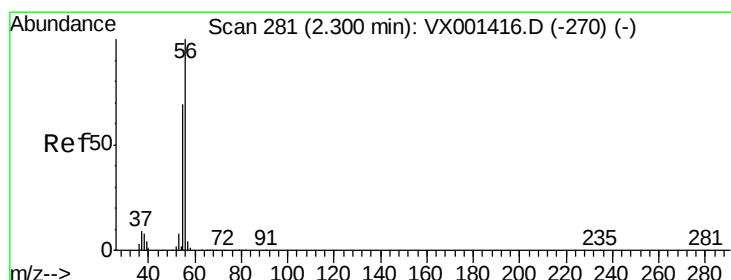
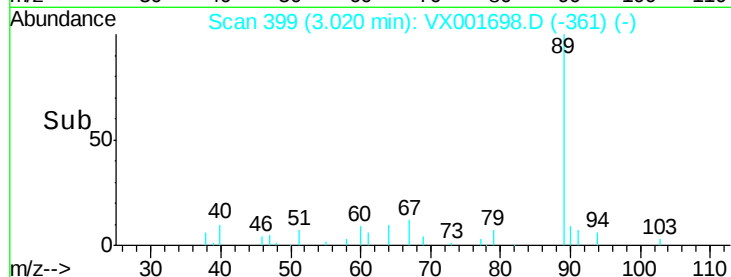
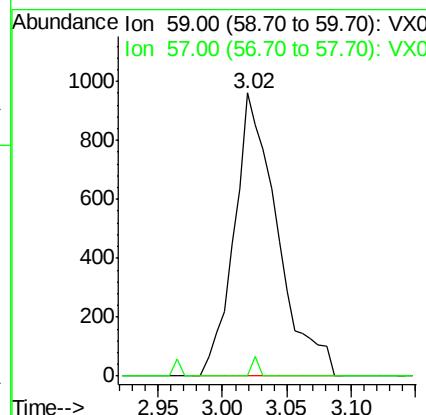
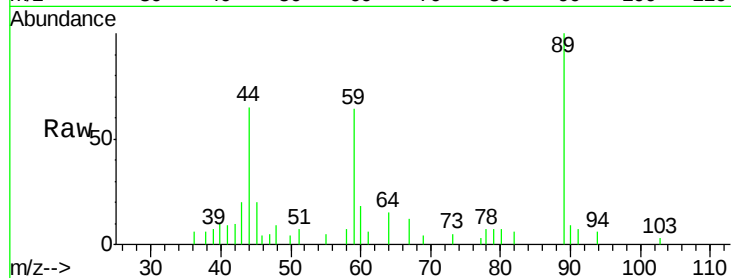


#11

Tert butyl alcohol
 Concen: 2.73 ug/l
 RT: 3.02 min Scan# 399
 Delta R.T. -0.07 min
 Lab File: VX001698.D
 Acq: 13 May 2018 05:33

Instrument :
 MSVOA_X
 ClientSampleId :
 PB109200ZHE#14

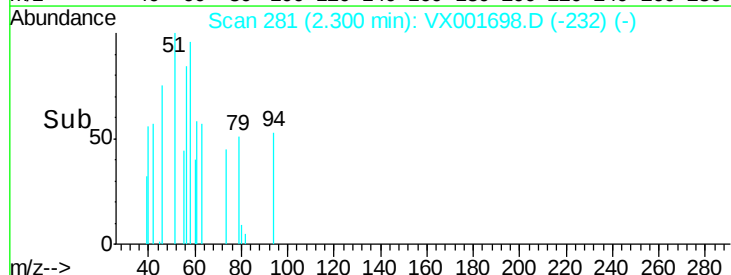
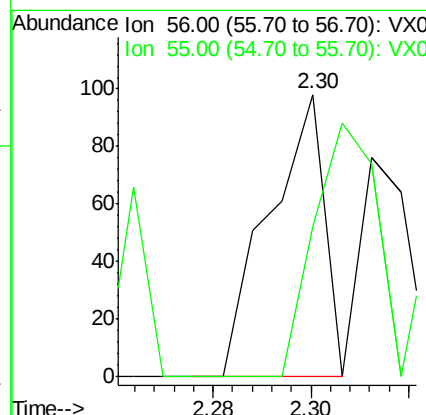
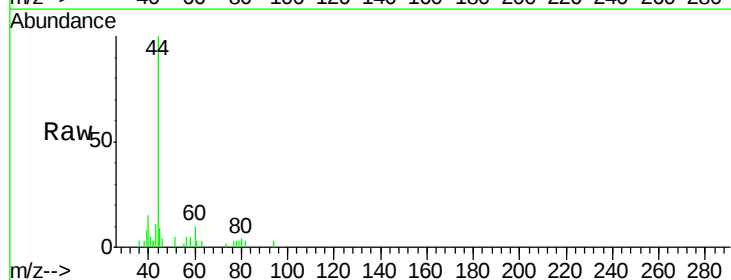
Tgt Ion: 59 Resp: 2239
 Ion Ratio Lower Upper
 59 100
 57 1.1 8.2 12.4#

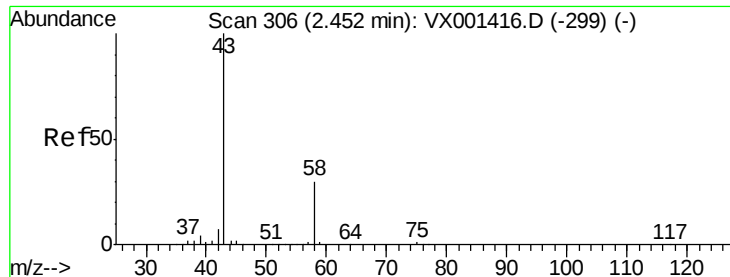


#13

Acrolein
 Concen: Below Cal
 RT: 2.30 min Scan# 281
 Delta R.T. 0.00 min
 Lab File: VX001698.D
 Acq: 13 May 2018 05:33

Tgt Ion: 56 Resp: 77
 Ion Ratio Lower Upper
 56 100
 55 101.3 54.5 81.7#





#16

Acetone

Concen: 4.03 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX001698.D

Acq: 13 May 2018 05:33

Instrument :

MSVOA_X

ClientSampleId :

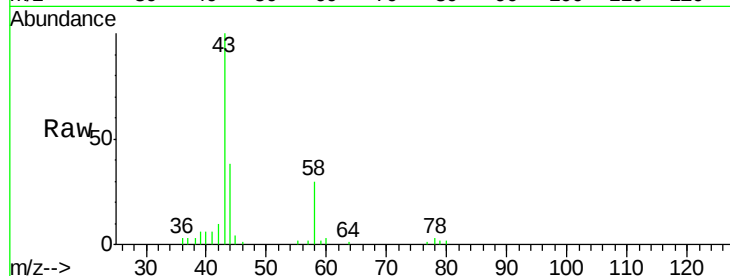
PB109200ZHE#14

Tgt Ion: 43 Resp: 7110

Ion Ratio Lower Upper

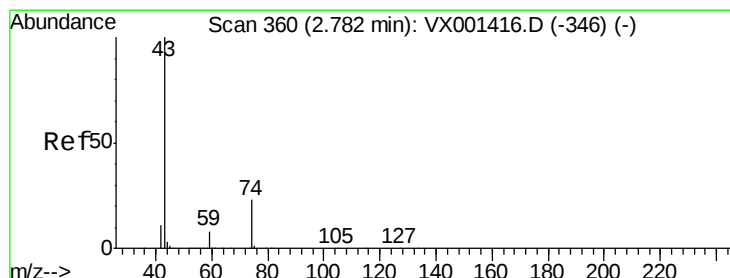
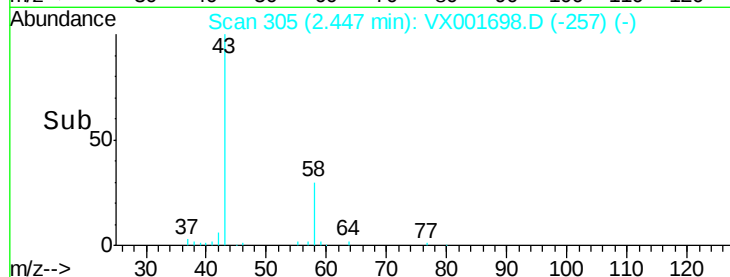
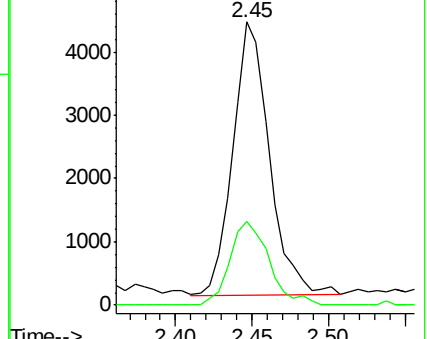
43 100

58 30.8 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: 4.95 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX001698.D

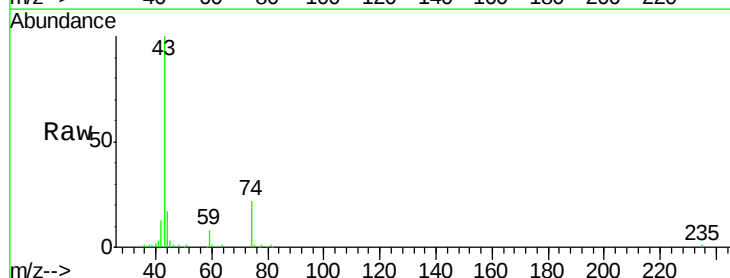
Acq: 13 May 2018 05:33

Tgt Ion: 43 Resp: 22954

Ion Ratio Lower Upper

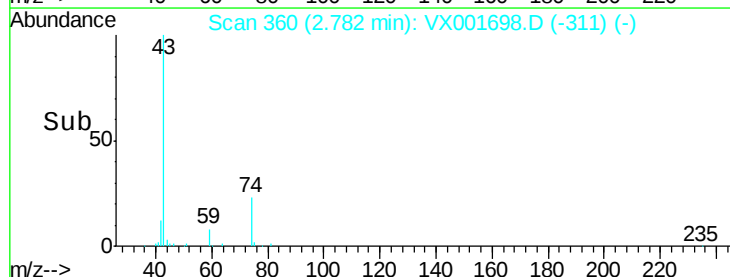
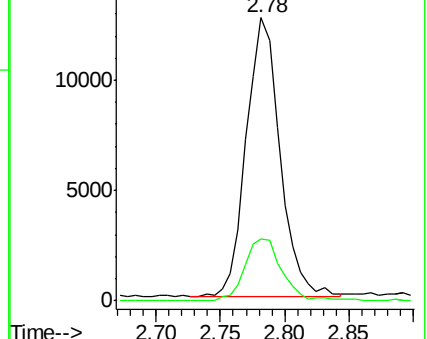
43 100

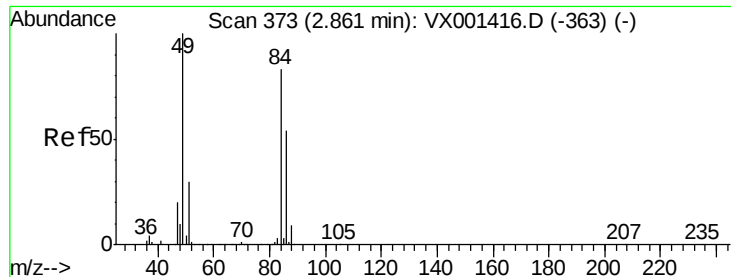
74 24.5 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

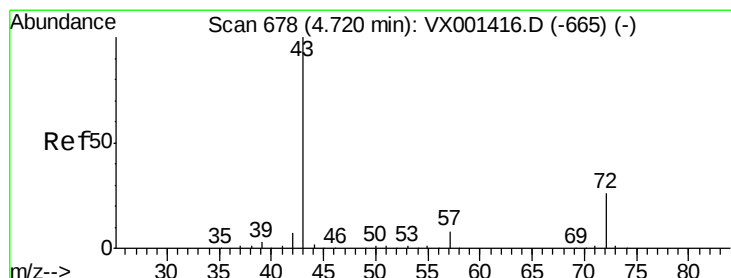
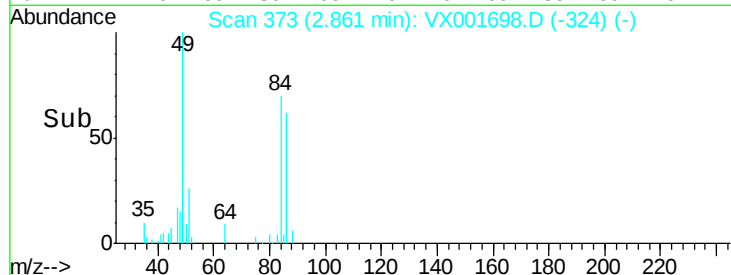
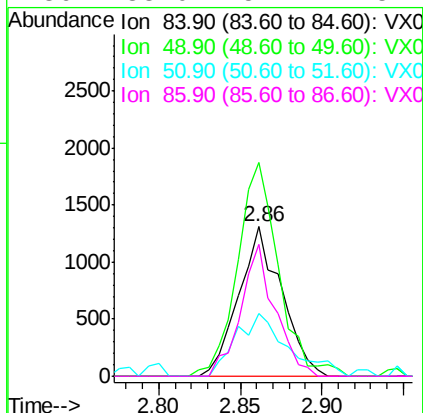
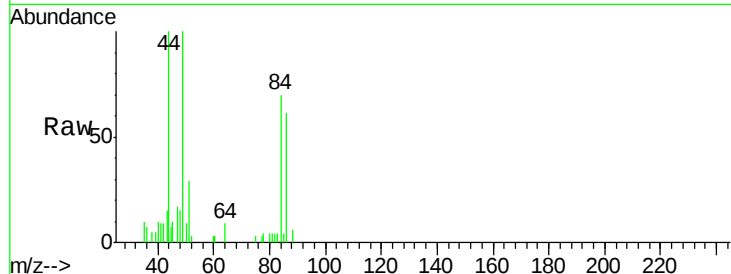




#20
Methylene Chloride
Concen: 0.68 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001698.D
Acq: 13 May 2018 05:33

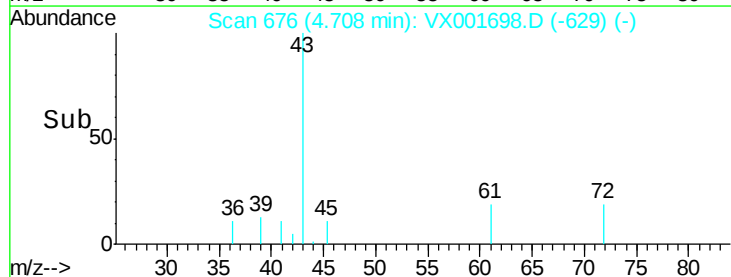
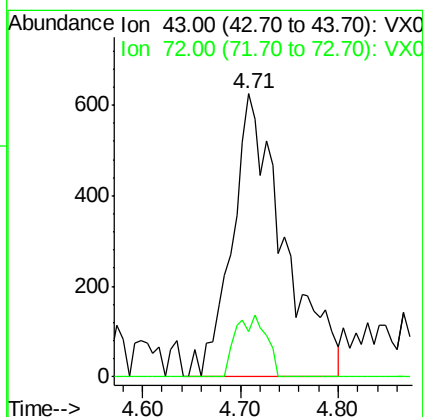
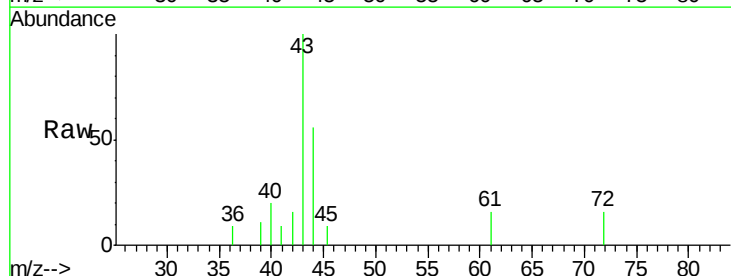
Instrument :
MSVOA_X
ClientSampleId :
PB109200ZHE#14

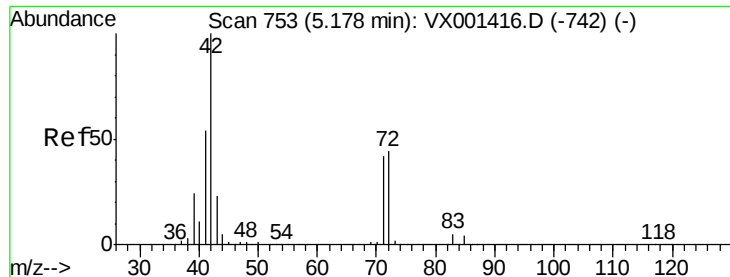
Tgt Ion: 84 Resp: 2392
Ion Ratio Lower Upper
84 100
49 142.8 96.6 144.8
51 41.6 29.0 43.4
86 88.0 52.2 78.4#



#25
2-Butanone
Concen: 0.90 ug/l
RT: 4.71 min Scan# 676
Delta R.T. -0.01 min
Lab File: VX001698.D
Acq: 13 May 2018 05:33

Tgt Ion: 43 Resp: 2304
Ion Ratio Lower Upper
43 100
72 15.8 20.7 31.1#





#29

Tetrahydrofuran

Concen: 0.52 ug/l

RT: 5.17 min Scan# 752

Delta R.T. -0.01 min

Lab File: VX001698.D

Acq: 13 May 2018 05:33

Instrument :

MSVOA_X

ClientSampleId :

PB109200ZHE#14

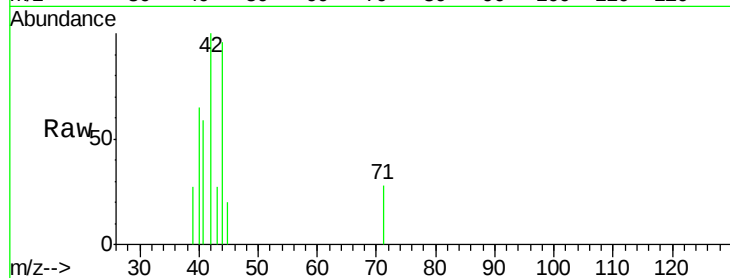
Tgt Ion: 42 Resp: 843

Ion Ratio Lower Upper

42 100

72 0.0 35.4 53.2#

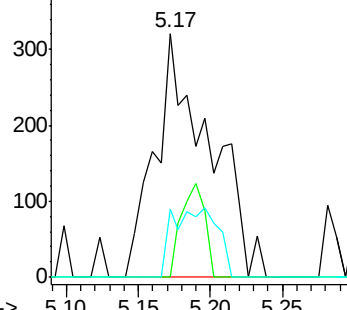
71 0.0 33.0 49.4#



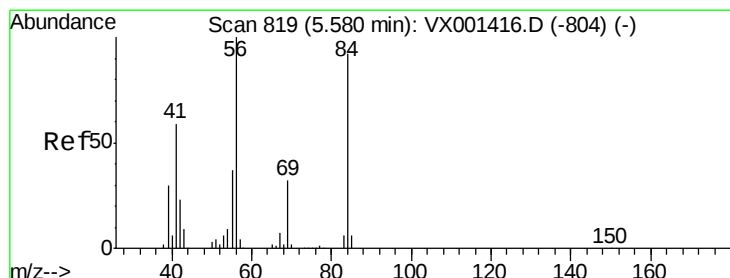
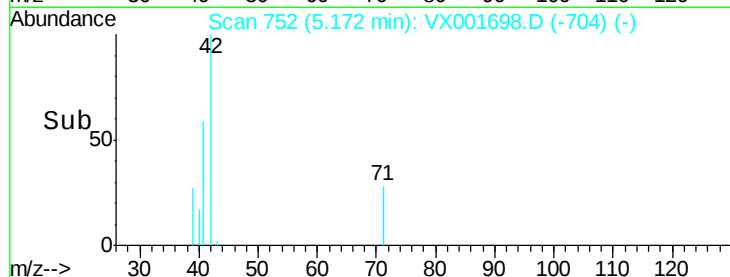
Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



Time-->



#31

Cyclohexane

Concen: 0.92 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.09 min

Lab File: VX001698.D

Acq: 13 May 2018 05:33

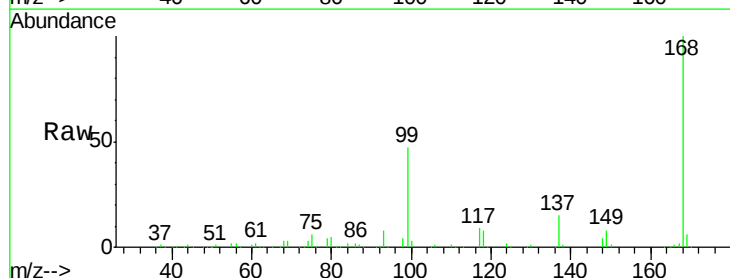
Tgt Ion: 56 Resp: 4590

Ion Ratio Lower Upper

56 100

69 186.5 25.4 38.0#

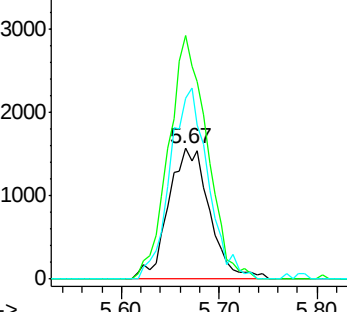
84 138.3 73.8 110.8#



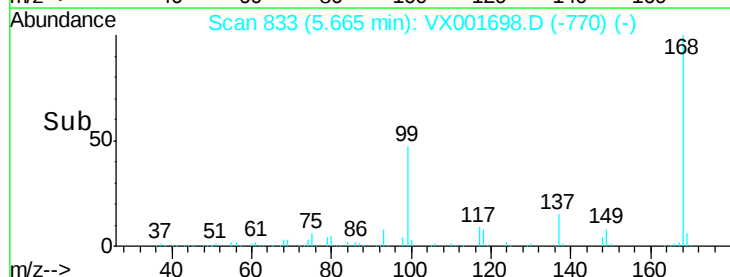
Abundance Ion 56.00 (55.70 to 56.70): VX0

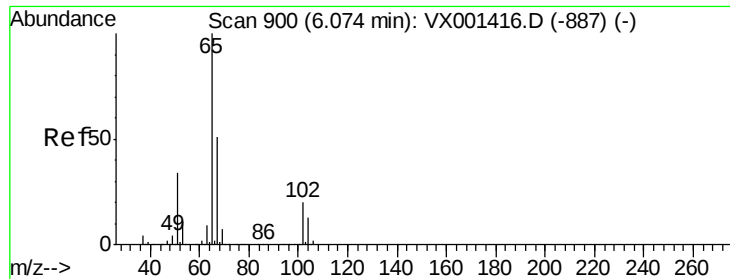
Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



Time-->

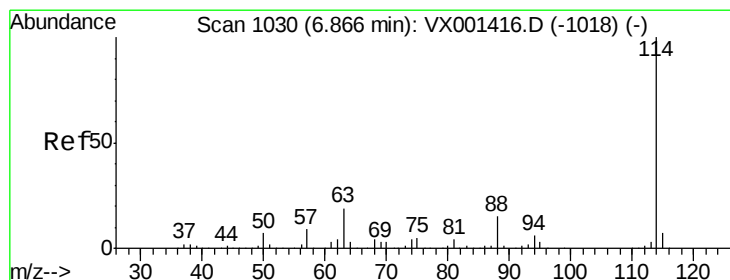
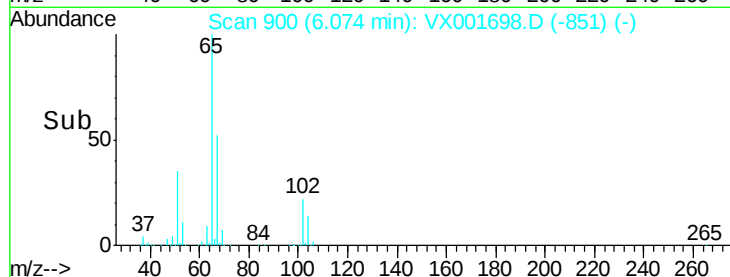
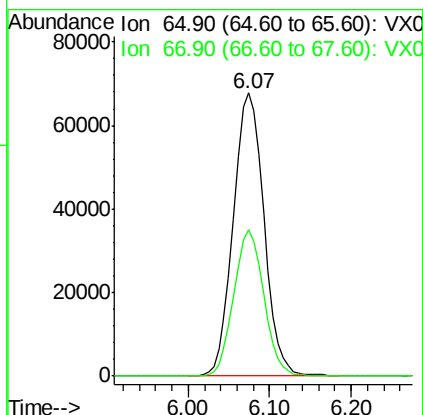
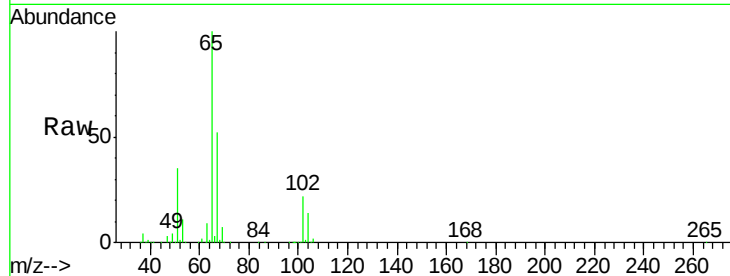




#33
 1,2-Dichloroethane-d4
 Concen: 45.41 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001698.D
 Acq: 13 May 2018 05:33

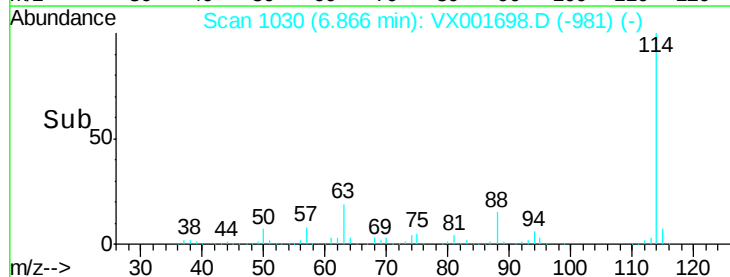
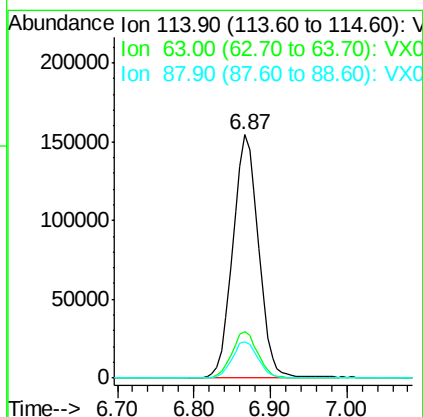
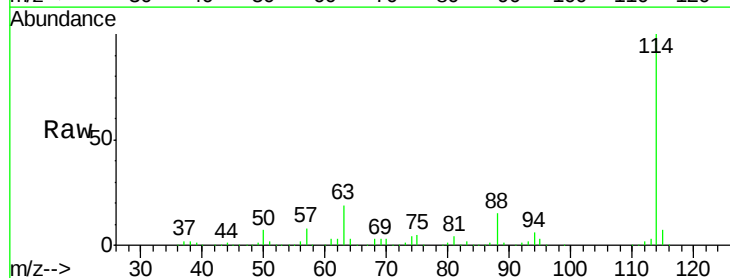
Instrument :
 MSVOA_X
 ClientSampleId :
 PB109200ZHE#14

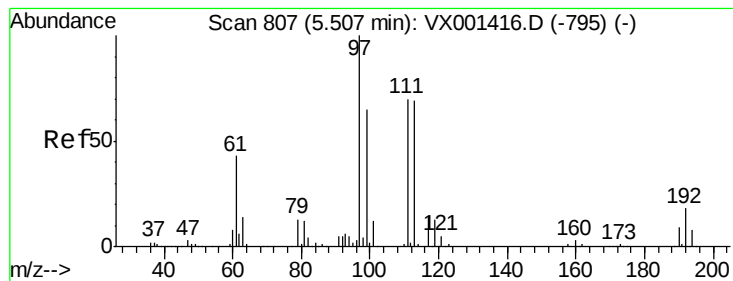
Tgt Ion: 65 Resp: 176486
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001698.D
 Acq: 13 May 2018 05:33

Tgt Ion: 114 Resp: 361429
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.6
 88 14.9 0.0 30.8





#35

Dibromofluoromethane

Concen: 44.17 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX001698.D

Acq: 13 May 2018 05:33

Instrument :

MSVOA_X

ClientSampleId :

PB109200ZHE#14

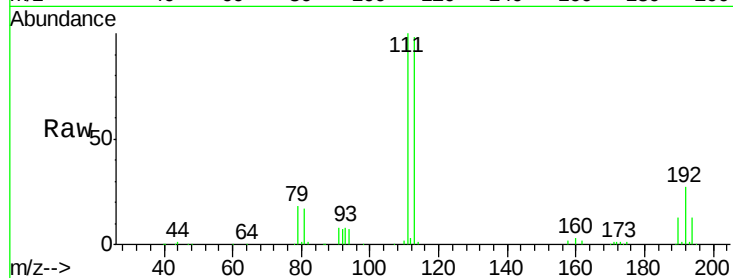
Tgt Ion:113 Resp: 142015

Ion Ratio Lower Upper

113 100

111 102.0 82.2 123.2

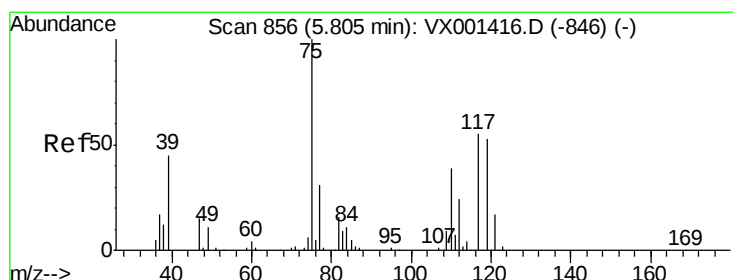
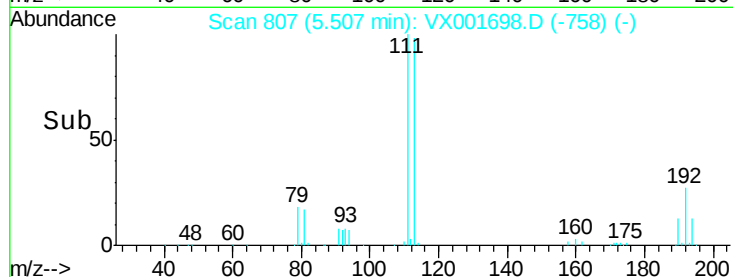
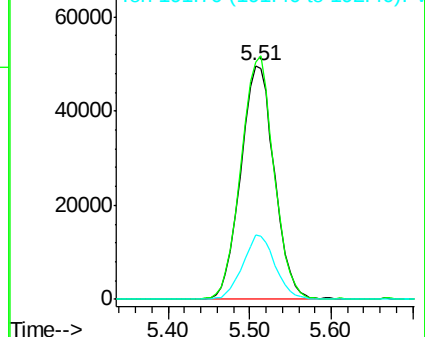
192 26.5 21.4 32.0



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: 3.56 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.14 min

Lab File: VX001698.D

Acq: 13 May 2018 05:33

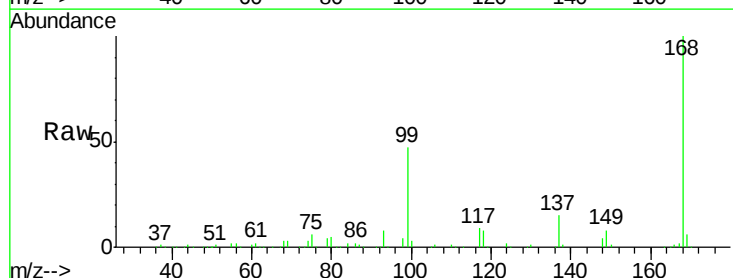
Tgt Ion: 75 Resp: 16376

Ion Ratio Lower Upper

75 100

110 9.9 18.9 56.7#

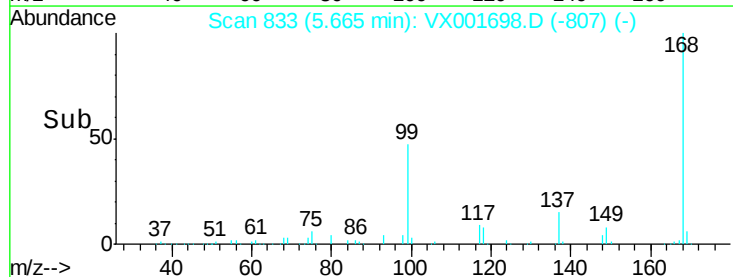
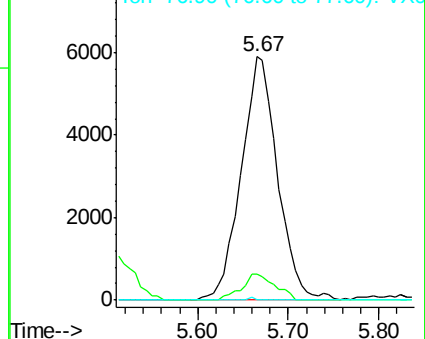
77 0.1 24.9 37.3#

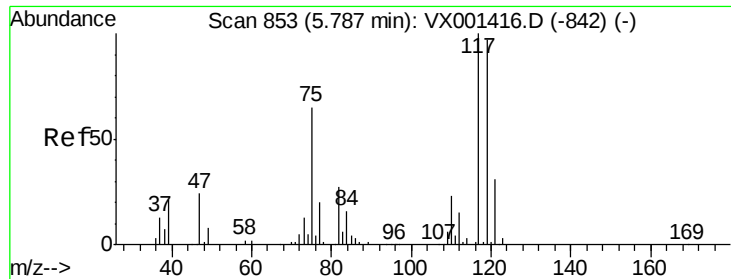


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 4.78 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.12 min

Lab File: VX001698.D

Acq: 13 May 2018 05:33

Instrument :

MSVOA_X

ClientSampleId :

PB109200ZHE#14

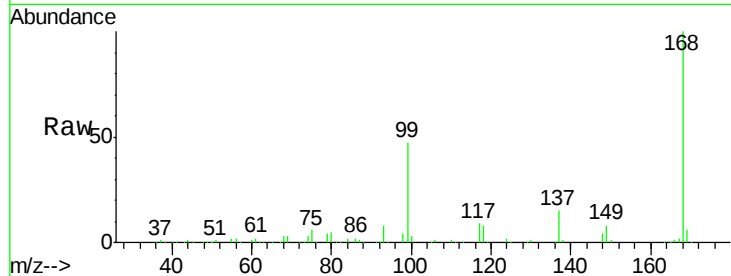
Tgt Ion: 117 Resp: 23417

Ion Ratio Lower Upper

117 100

119 5.7 77.0 115.6#

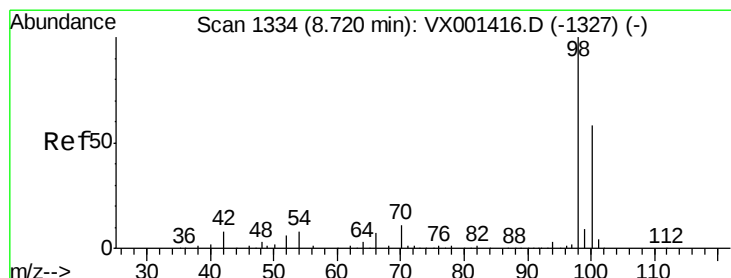
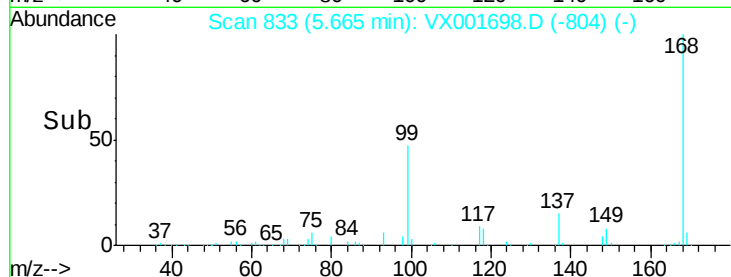
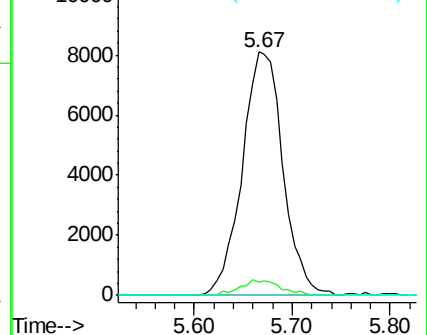
121 0.0 25.1 37.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 42.51 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001698.D

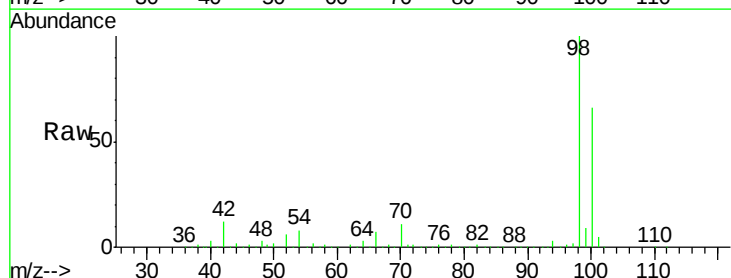
Acq: 13 May 2018 05:33

Tgt Ion: 98 Resp: 498807

Ion Ratio Lower Upper

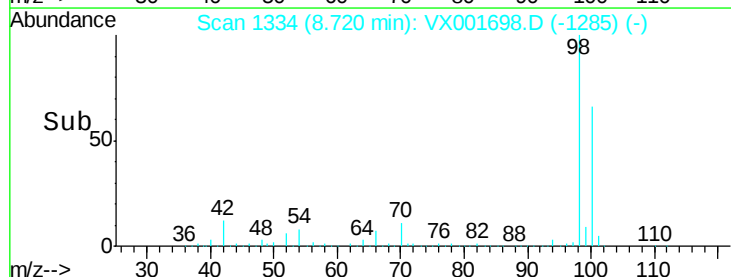
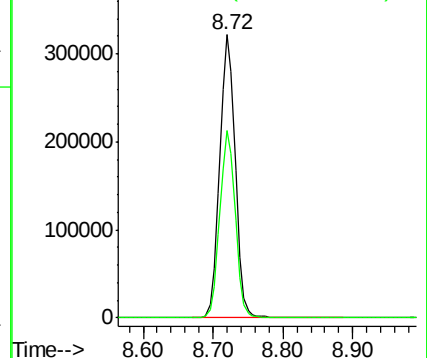
98 100

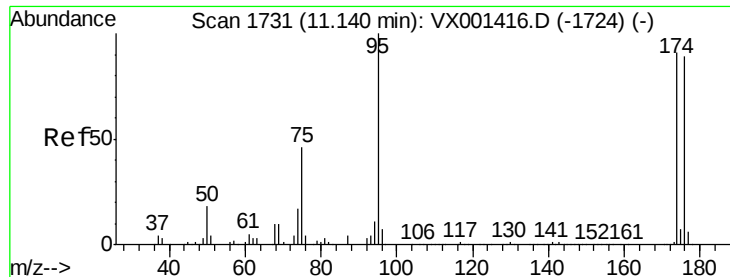
100 65.9 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

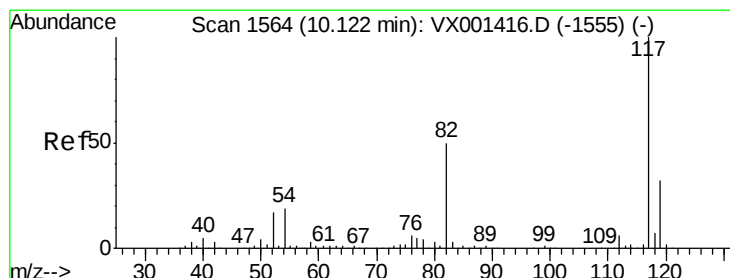
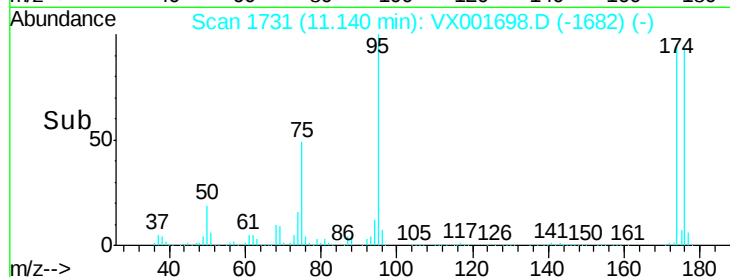
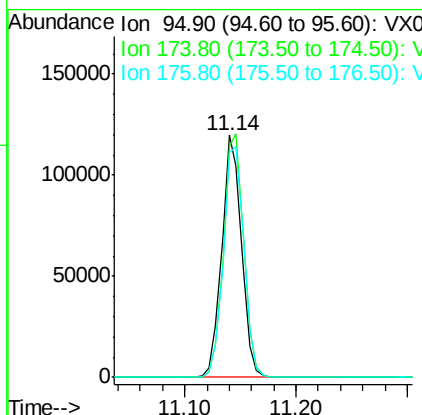
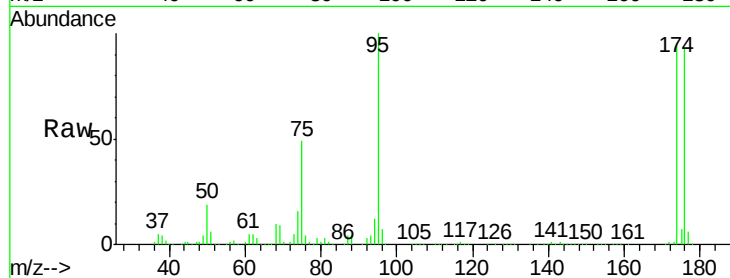




#62
 4-Bromofluorobenzene
 Concen: 32.37 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX001698.D
 Acq: 13 May 2018 05:33

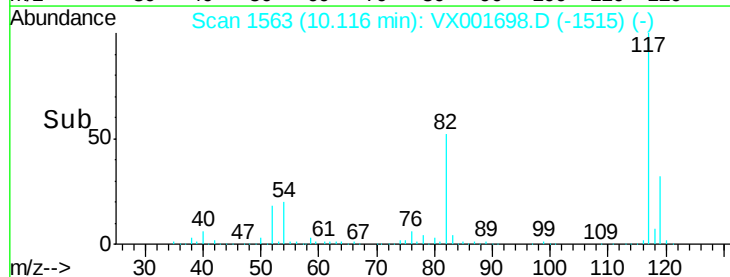
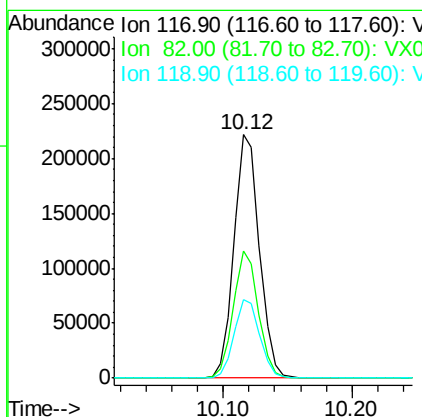
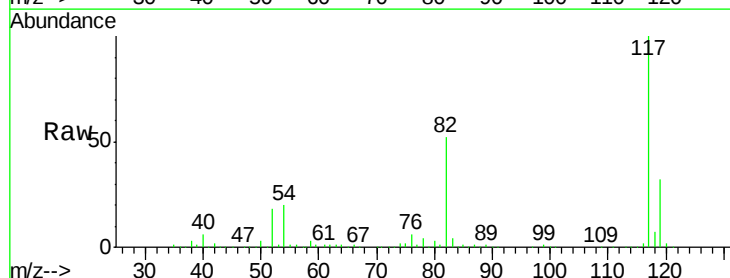
Instrument :
 MSVOA_X
 ClientSampleId :
 PB109200ZHE#14

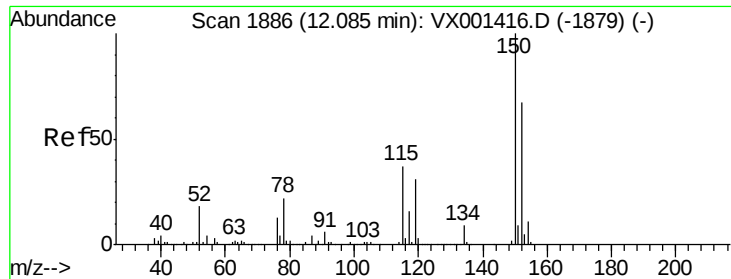
Tgt Ion: 95 Resp: 145807
 Ion Ratio Lower Upper
 95 100
 174 103.4 0.0 202.0
 176 100.1 0.0 197.4



#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 10.12 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: VX001698.D
 Acq: 13 May 2018 05:33

Tgt Ion: 117 Resp: 305348
 Ion Ratio Lower Upper
 117 100
 82 52.2 40.0 60.0
 119 32.0 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001698.D

Acq: 13 May 2018 05:33

Instrument :

MSVOA_X

ClientSampleId :

PB109200ZHE#14

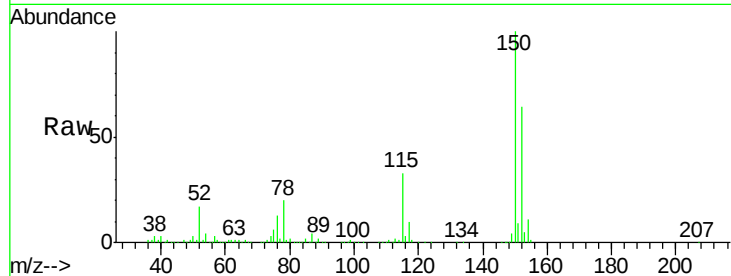
Tgt Ion:152 Resp: 151718

Ion Ratio Lower Upper

152 100

115 52.5 37.7 113.1

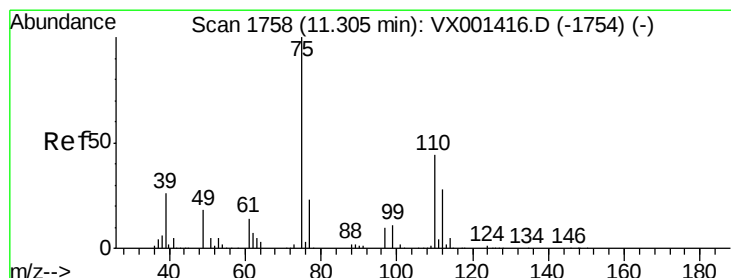
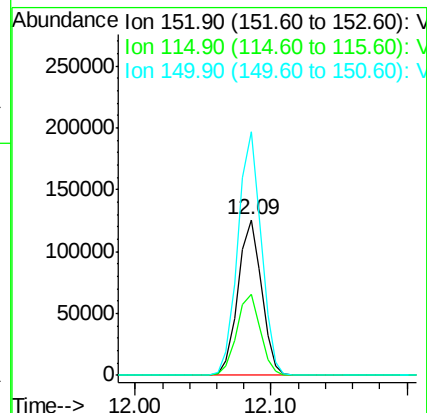
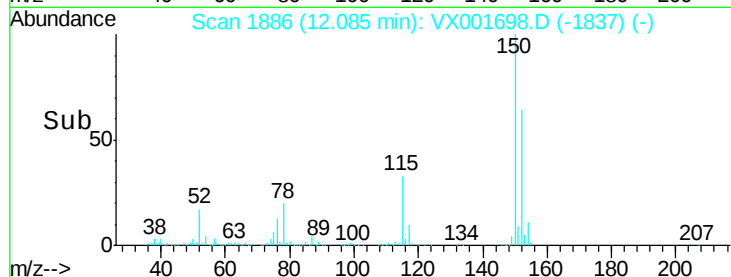
150 155.6 0.0 349.4



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: 22.91 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001698.D

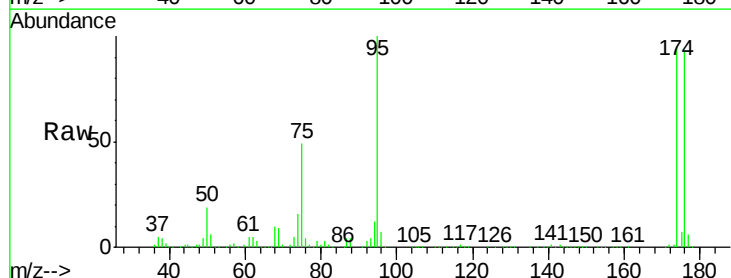
Acq: 13 May 2018 05:33

Tgt Ion: 75 Resp: 70506

Ion Ratio Lower Upper

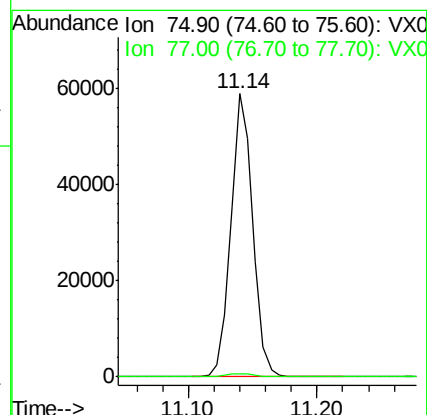
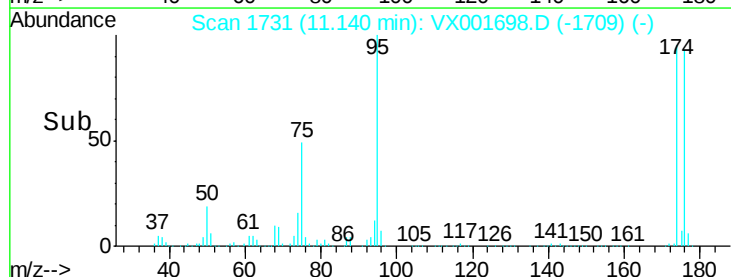
75 100

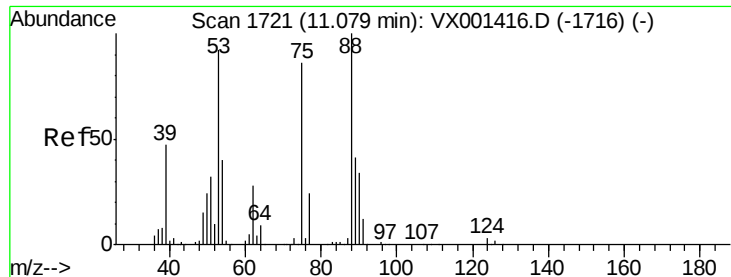
77 1.4 19.6 58.7#



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: 71.08 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX001698.D

Acq: 13 May 2018 05:33

Instrument :

MSVOA_X

ClientSampleId :

PB109200ZHE#14

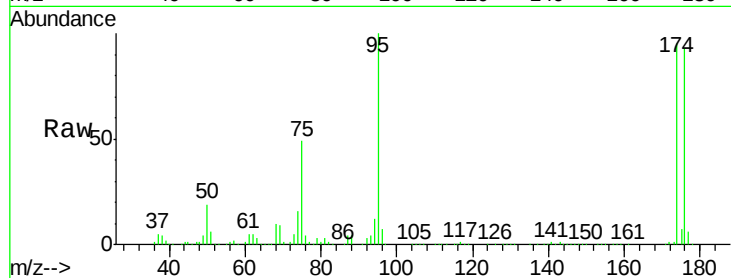
Tgt Ion: 75 Resp: 70506

Ion Ratio Lower Upper

75 100

53 0.3 84.5 126.7#

89 0.0 39.5 59.3#



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

