

Data File : VX001695.D

Acq On : 13 May 2018 04:13

Operator : JC/MD

Sample : PB109200ZHE#11

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB109200ZHE#11

Quant Time: May 14 06:11:28 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	270767	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	367026	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	327008	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	177554	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	178447	45.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.70%	
35) Dibromofluoromethane	5.51	113	144187	44.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.34%	
50) Toluene-d8	8.72	98	517648	43.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.88%	
62) 4-Bromofluorobenzene	11.14	95	162890	35.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.22%	

Target Compounds

						Qvalue
5) Bromomethane	1.67	94	753	Below Cal	#	78
11) Tert butyl alcohol	3.03	59	2781	3.39 ug/l	#	78
13) Acrolein	2.31	56	21	Below Cal	#	16
16) Acetone	2.45	43	7401	4.19 ug/l		99
18) Methyl Acetate	2.78	43	22572	4.86 ug/l		99
20) Methylene Chloride	2.86	84	3032	0.87 ug/l		97
25) 2-Butanone	4.72	43	2092	0.82 ug/l	#	87
29) Tetrahydrofuran	5.18	42	741	0.45 ug/l	#	74
31) Cyclohexane	5.67	56	4634	0.93 ug/l	#	9
36) 1,1-Dichloropropene	5.67	75	16712	3.58 ug/l	#	49
38) Carbon Tetrachloride	5.67	117	23152	4.65 ug/l	#	17
76) 1,2,3-Trichloropropane	11.14	75	79704	22.13 ug/l	#	38
81) trans-1,4-Dichloro-2-buten	11.14	75	79704	68.81 ug/l	#	7

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

Data File : VX001695.D

Acq On : 13 May 2018 04:13

Operator : JC/MD

Sample : PB109200ZHE#11

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 39 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

PB109200ZHE#11

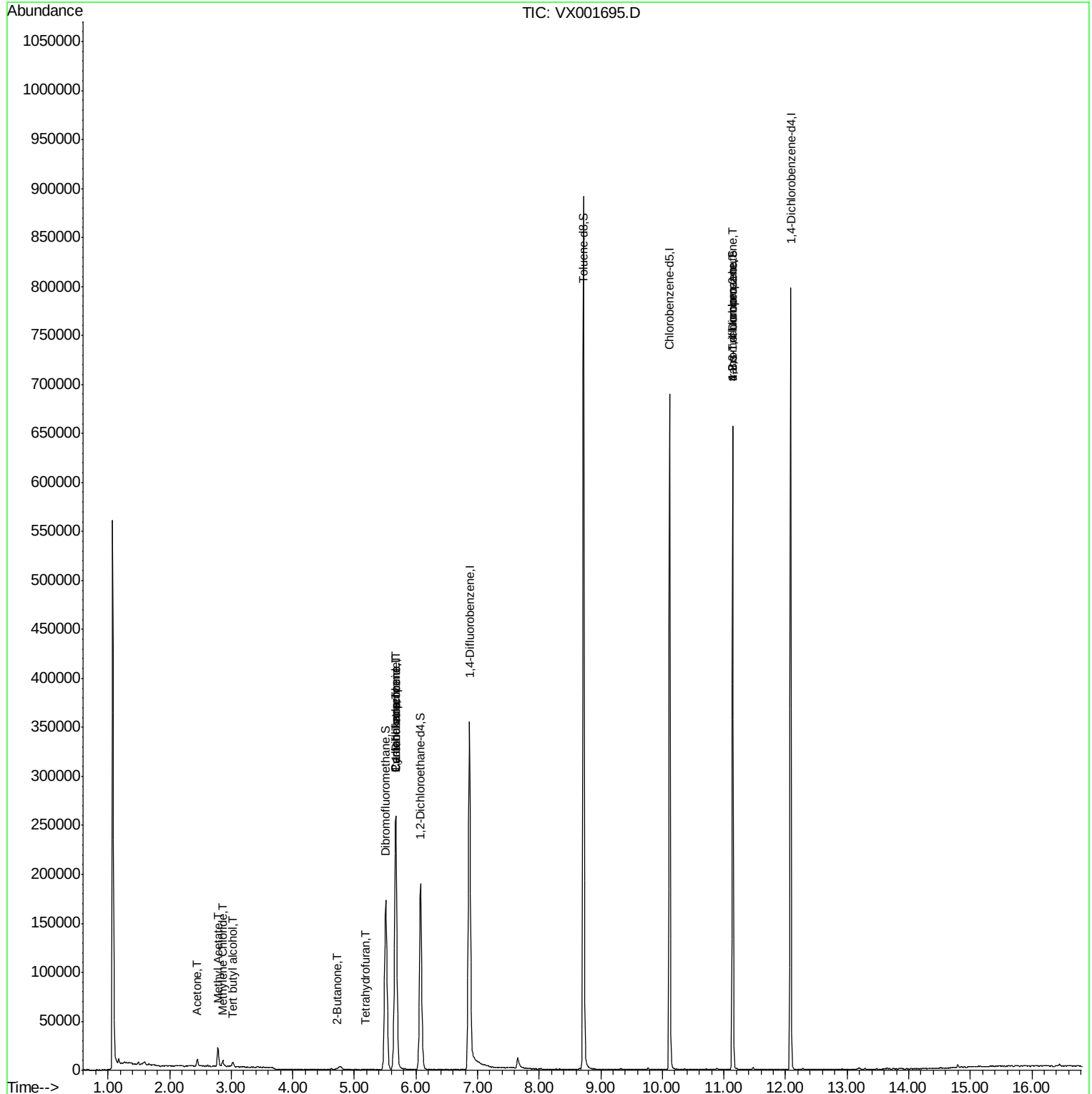
Quant Time: May 14 06:11:28 2018

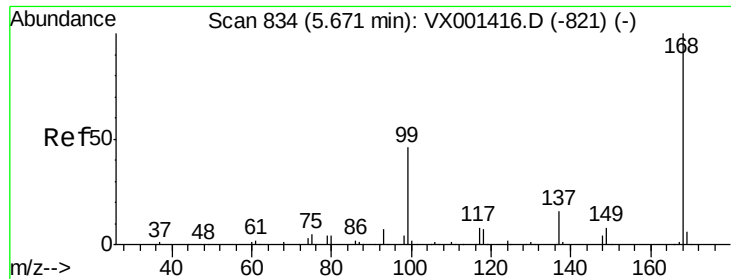
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M

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: VX001695.D

Acq: 13 May 2018 04:13

Instrument :

MSVOA_X

ClientSampleId :

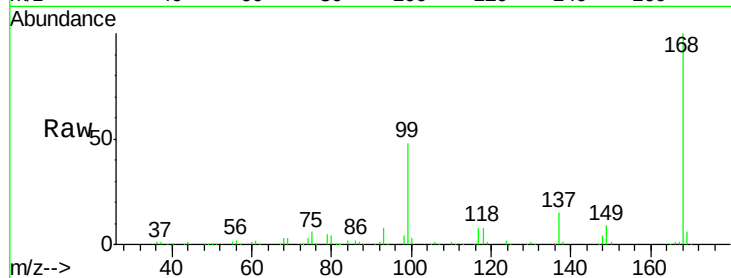
PB109200ZHE#11

Tgt Ion:168 Resp: 270767

Ion Ratio Lower Upper

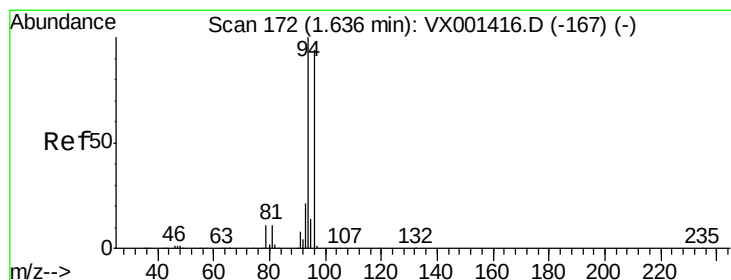
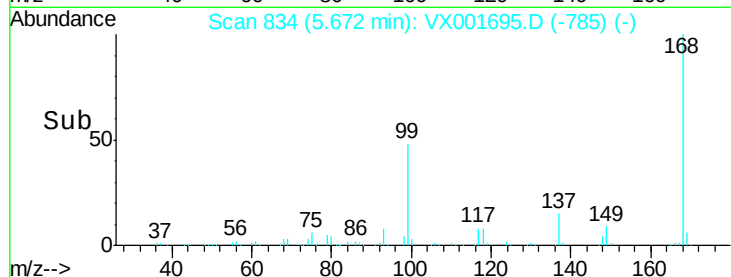
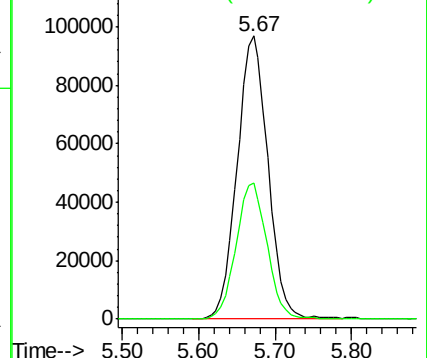
168 100

99 48.2 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: 1.67 min Scan# 177

Delta R.T. 0.03 min

Lab File: VX001695.D

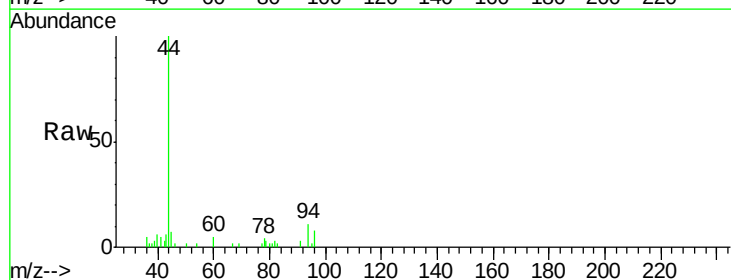
Acq: 13 May 2018 04:13

Tgt Ion: 94 Resp: 753

Ion Ratio Lower Upper

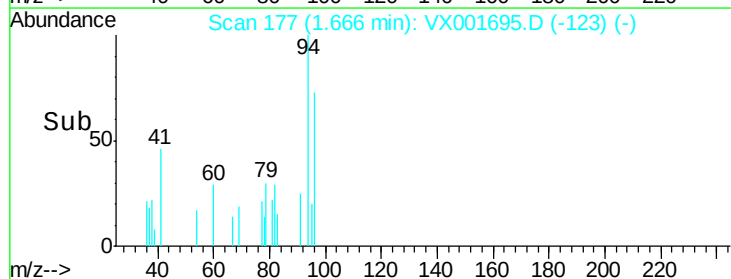
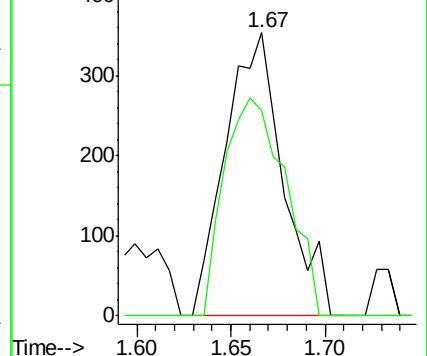
94 100

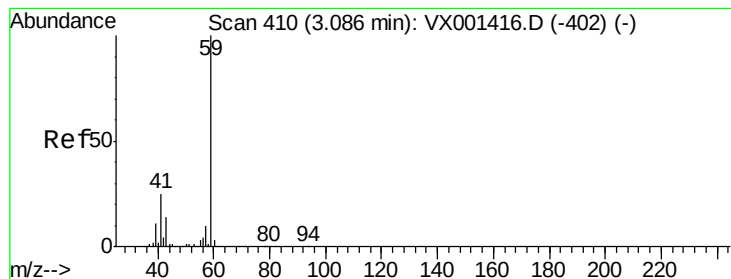
96 72.5 75.0 112.6#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#11

Tert butyl alcohol

Concen: 3.39 ug/l

RT: 3.03 min Scan# 400

Delta R.T. -0.06 min

Lab File: VX001695.D

Acq: 13 May 2018 04:13

Instrument :

MSVOA_X

ClientSampleId :

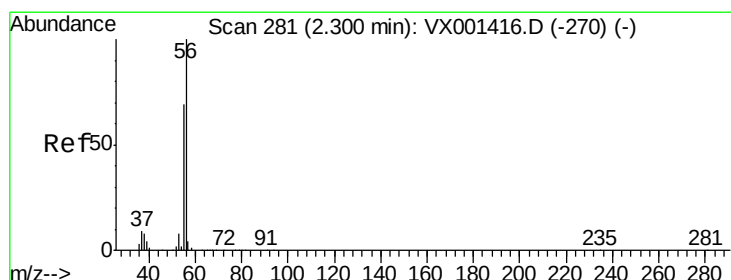
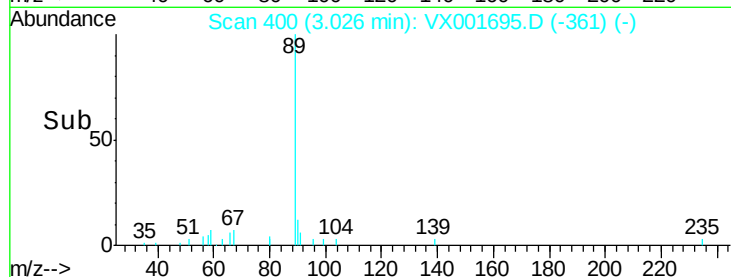
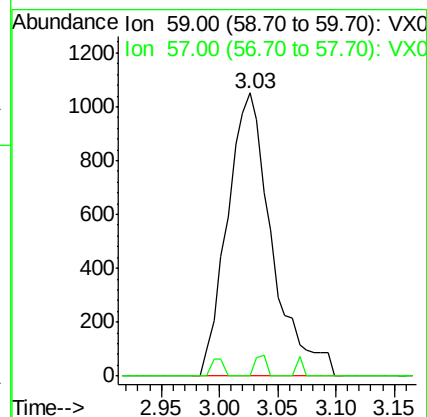
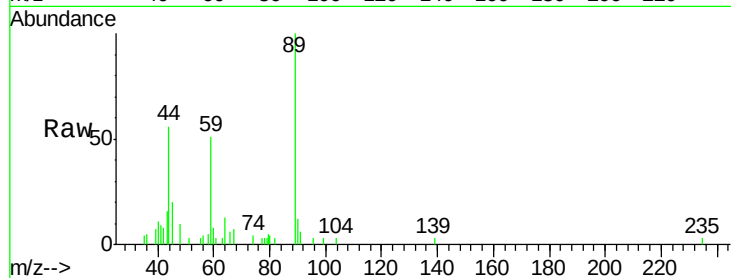
PB109200ZHE#11

Tgt Ion: 59 Resp: 2781

Ion Ratio Lower Upper

59 100

57 1.9 8.2 12.4#



#13

Acrolein

Concen: Below Cal

RT: 2.31 min Scan# 282

Delta R.T. 0.01 min

Lab File: VX001695.D

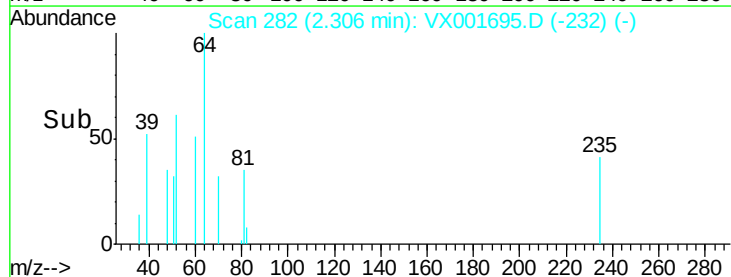
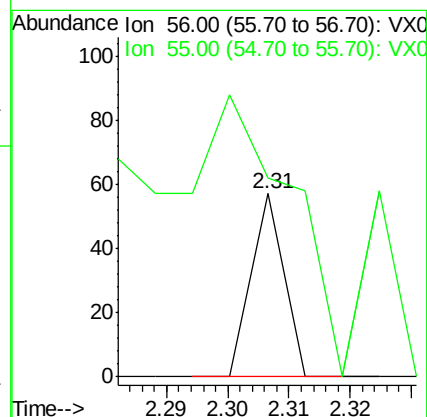
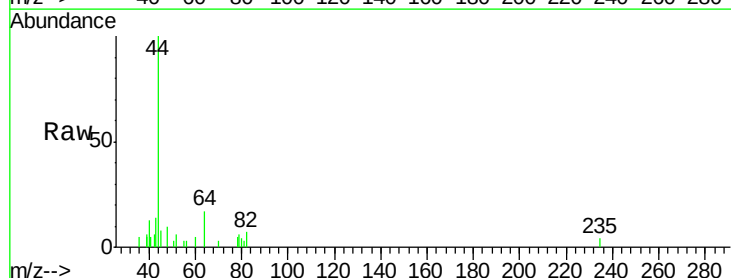
Acq: 13 May 2018 04:13

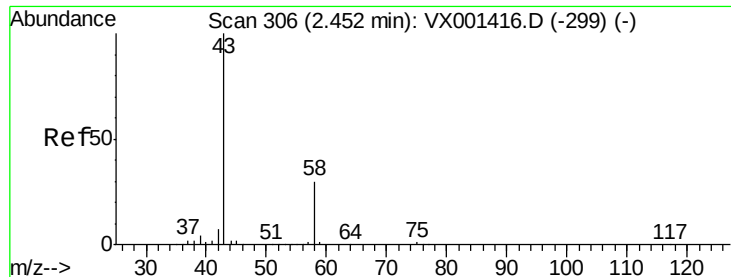
Tgt Ion: 56 Resp: 21

Ion Ratio Lower Upper

56 100

55 0.0 54.5 81.7#





#16

Acetone

Concen: 4.19 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001695.D

Acq: 13 May 2018 04:13

Instrument :

MSVOA_X

ClientSampleId :

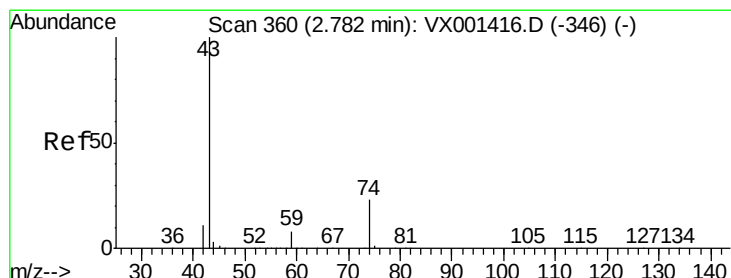
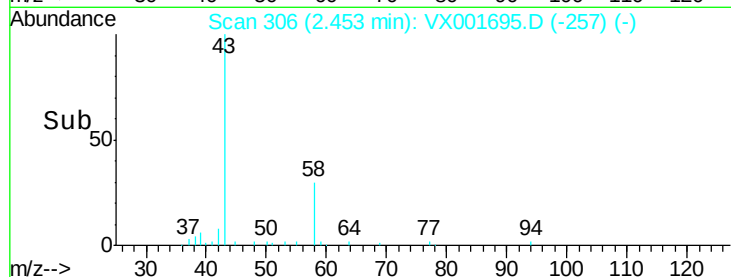
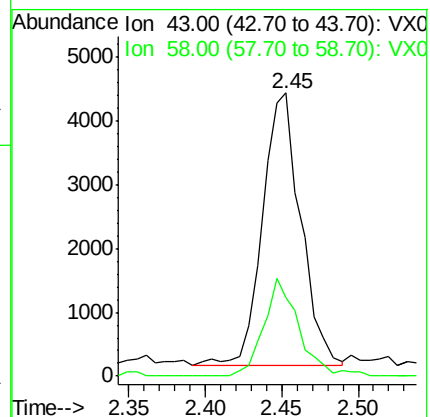
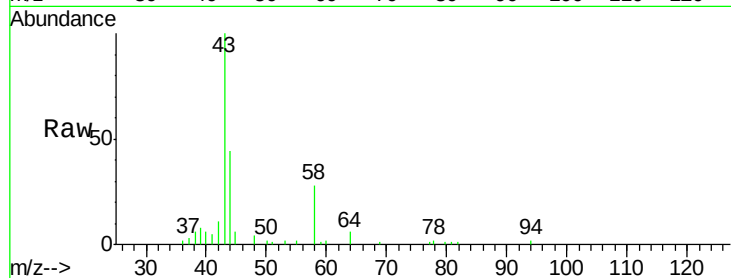
PB109200ZHE#11

Tgt Ion: 43 Resp: 7401

Ion Ratio Lower Upper

43 100

58 29.1 23.8 35.8



#18

Methyl Acetate

Concen: 4.86 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX001695.D

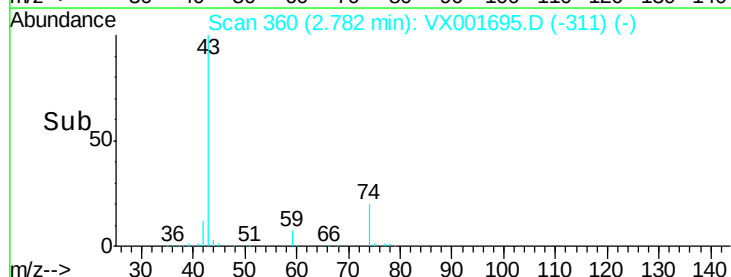
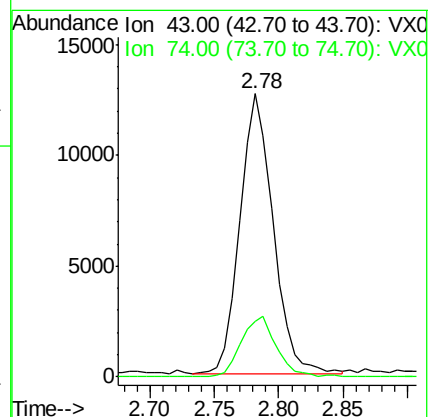
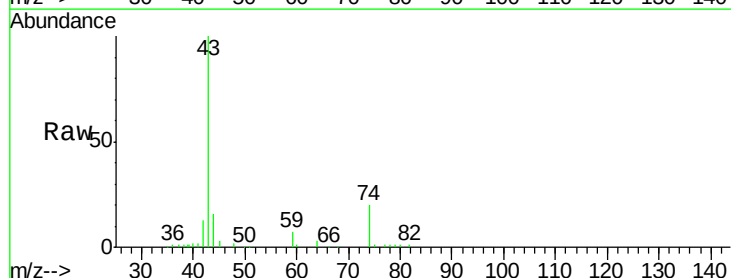
Acq: 13 May 2018 04:13

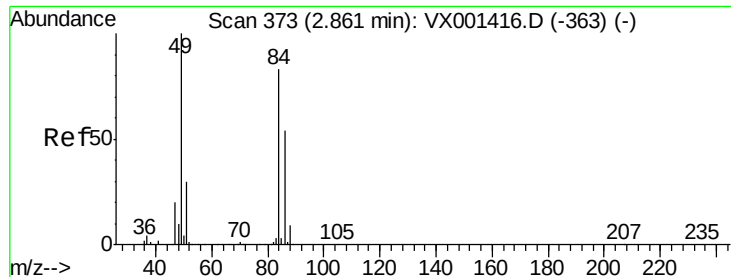
Tgt Ion: 43 Resp: 22572

Ion Ratio Lower Upper

43 100

74 22.7 18.6 27.8

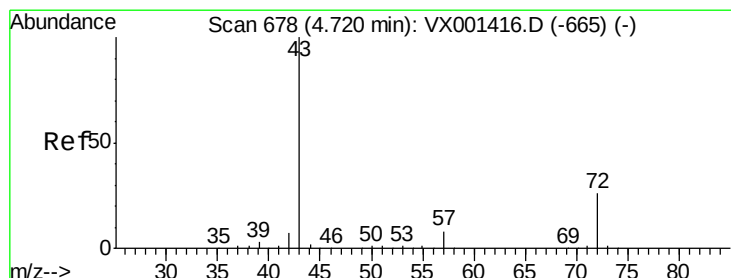
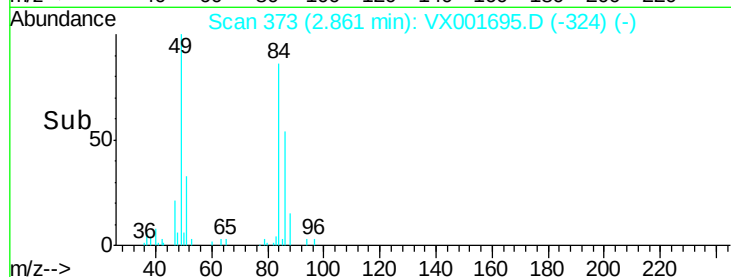
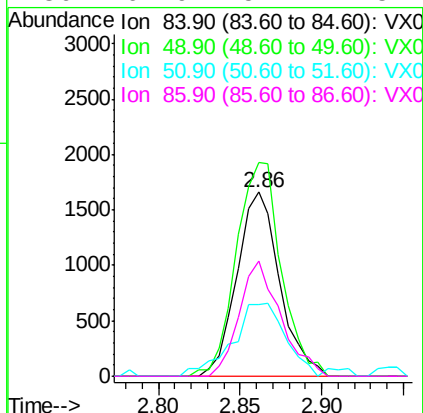
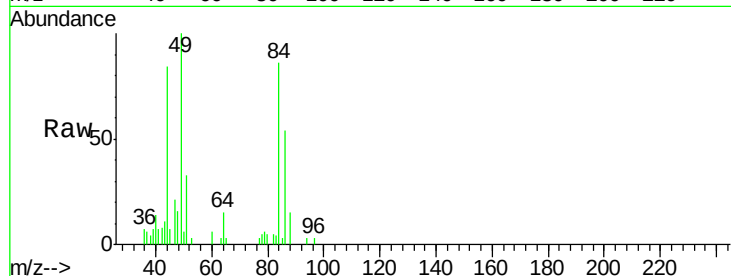




#20
Methylene Chloride
Concen: 0.87 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001695.D
Acq: 13 May 2018 04:13

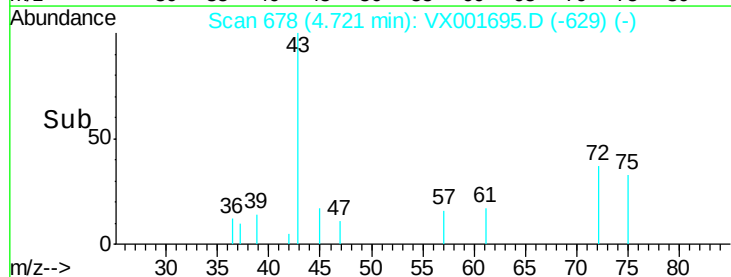
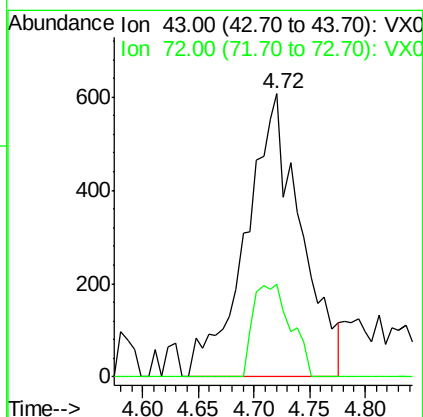
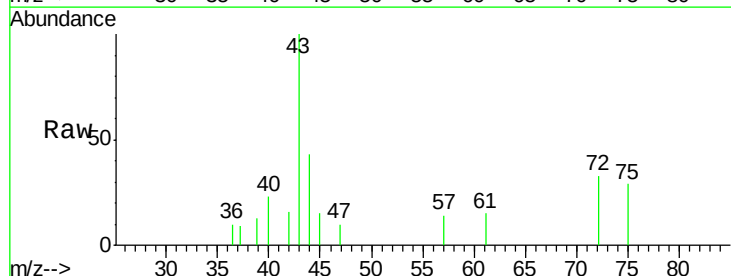
Instrument :
MSVOA_X
ClientSampleId :
PB109200ZHE#11

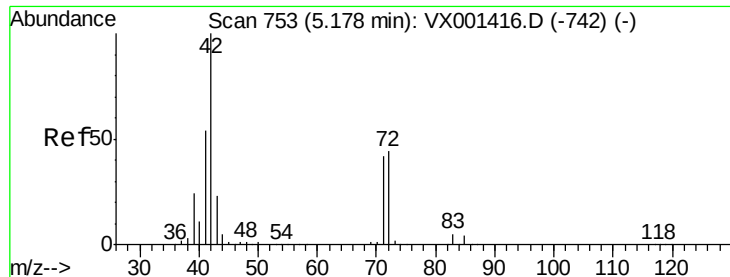
Tgt Ion:	84	Resp:	3032
Ion	Ratio	Lower	Upper
84	100		
49	116.2	96.6	144.8
51	35.3	29.0	43.4
86	62.9	52.2	78.4



#25
2-Butanone
Concen: 0.82 ug/l
RT: 4.72 min Scan# 678
Delta R.T. 0.00 min
Lab File: VX001695.D
Acq: 13 May 2018 04:13

Tgt Ion:	43	Resp:	2092
Ion	Ratio	Lower	Upper
43	100		
72	32.6	20.7	31.1#





#29

Tetrahydrofuran

Concen: 0.45 ug/l

RT: 5.18 min Scan# 753

Delta R.T. 0.00 min

Lab File: VX001695.D

Acq: 13 May 2018 04:13

Instrument :

MSVOA_X

ClientSampleId :

PB109200ZHE#11

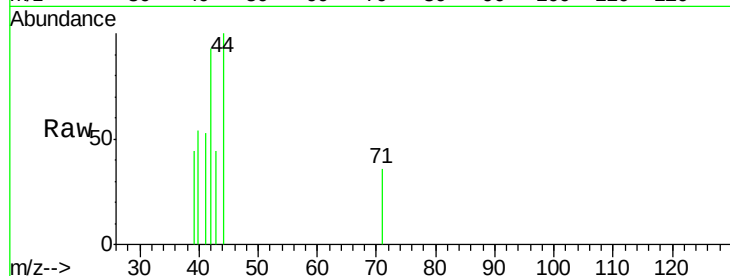
Tgt Ion: 42 Resp: 741

Ion Ratio Lower Upper

42 100

72 18.4 35.4 53.2#

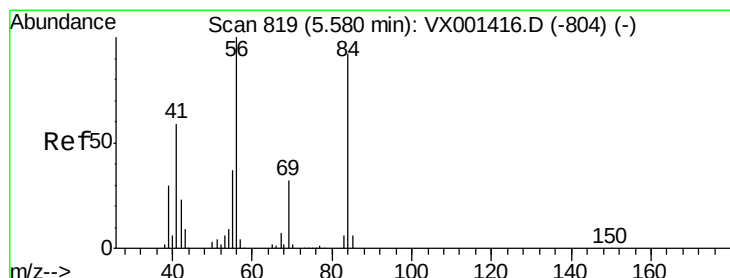
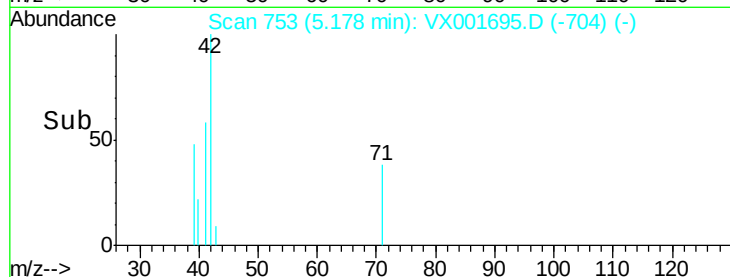
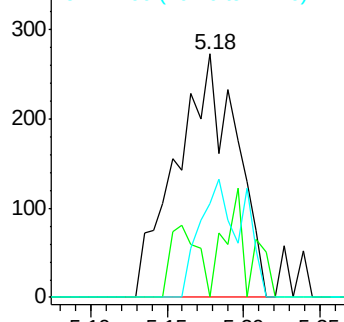
71 34.5 33.0 49.4



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



#31

Cyclohexane

Concen: 0.93 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.09 min

Lab File: VX001695.D

Acq: 13 May 2018 04:13

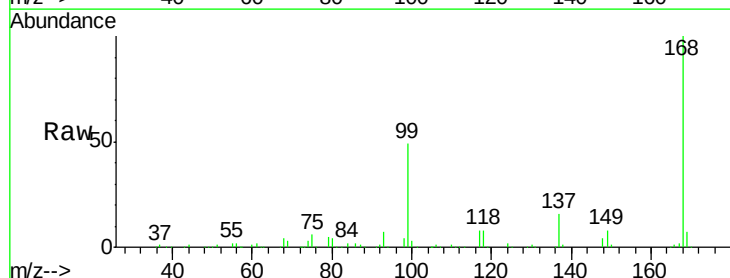
Tgt Ion: 56 Resp: 4634

Ion Ratio Lower Upper

56 100

69 165.8 25.4 38.0#

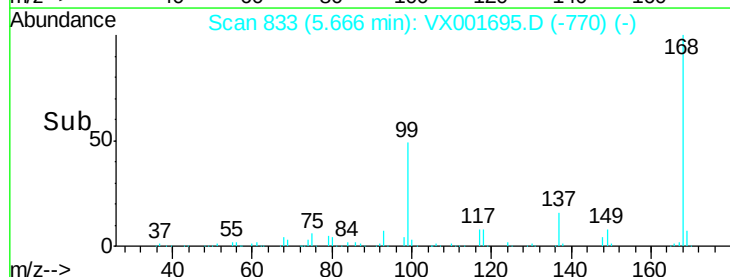
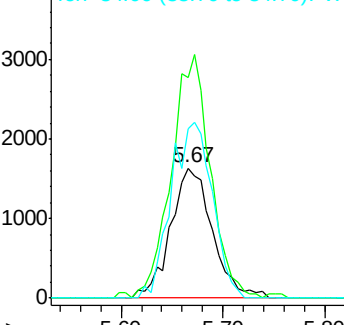
84 129.9 73.8 110.8#

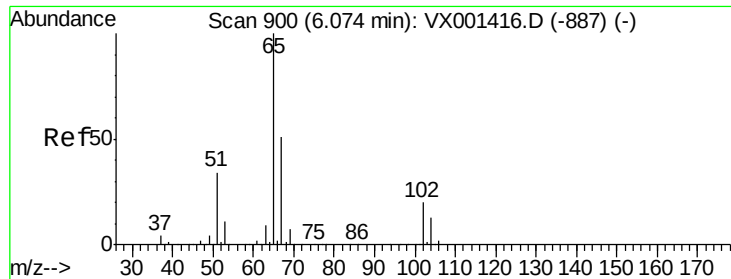


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

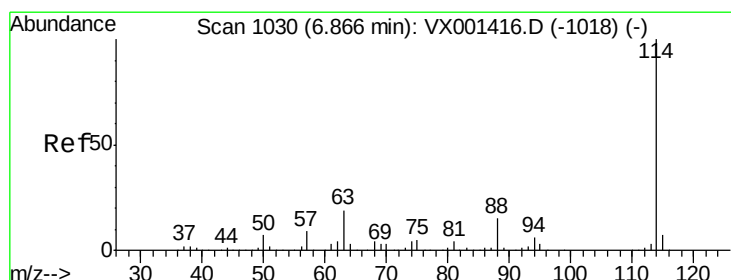
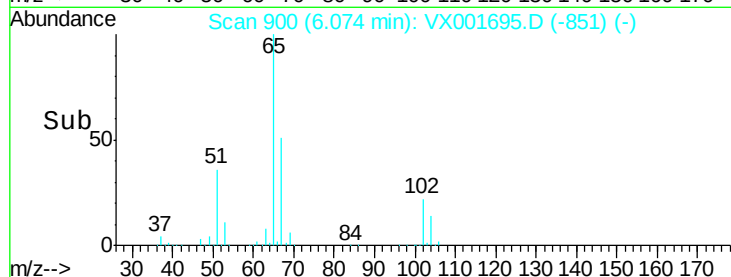
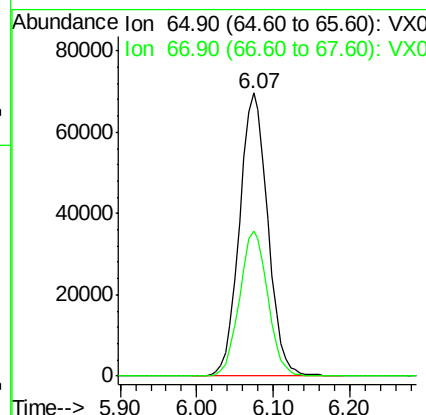
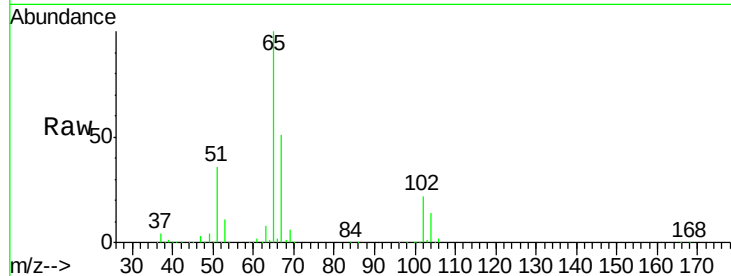




#33
 1,2-Dichloroethane-d4
 Concen: 45.85 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001695.D
 Acq: 13 May 2018 04:13

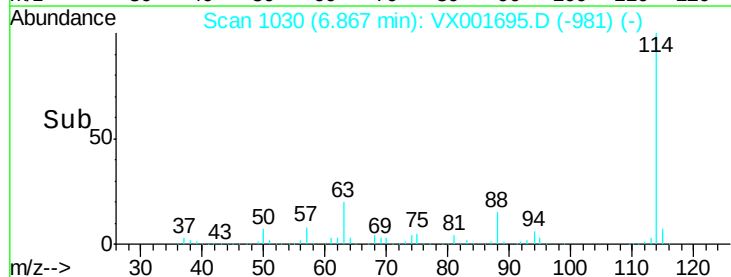
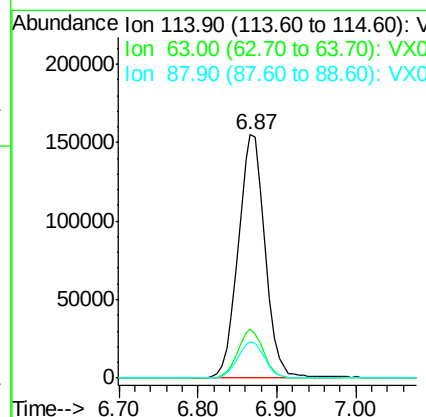
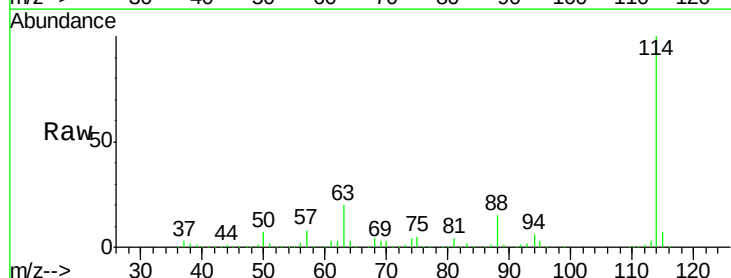
Instrument :
 MSVOA_X
 ClientSampleId :
 PB109200ZHE#11

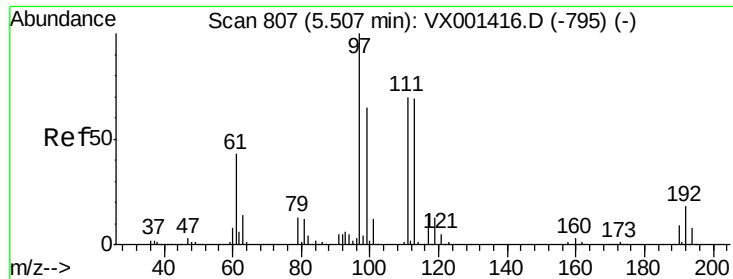
Tgt Ion: 65 Resp: 178447
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001695.D
 Acq: 13 May 2018 04:13

Tgt Ion: 114 Resp: 367026
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 38.6
 88 15.1 0.0 30.8

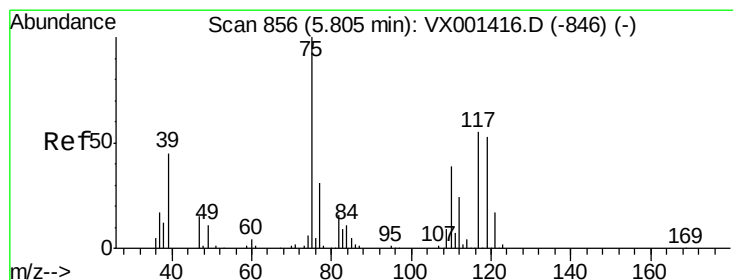
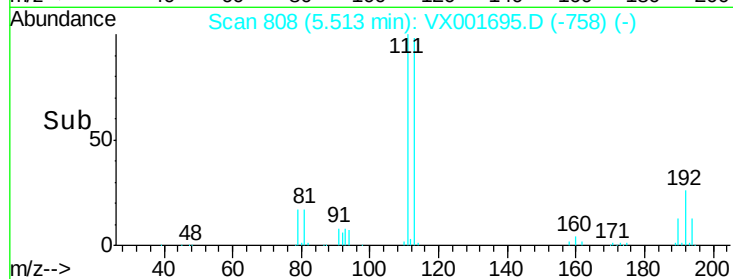
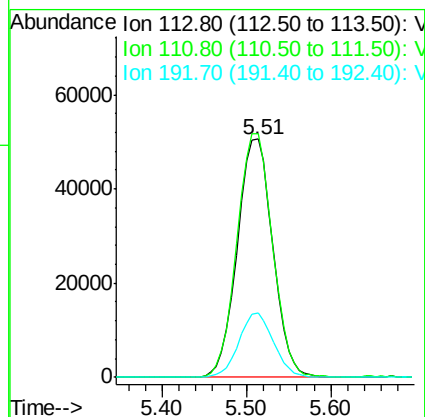
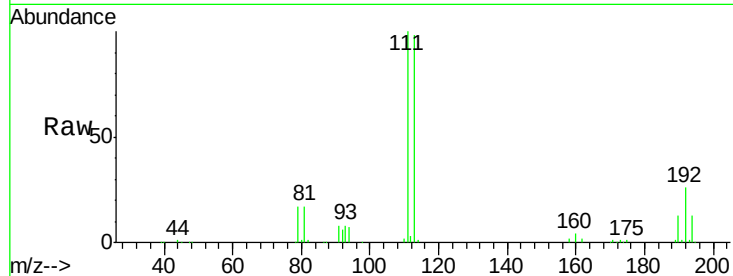




#35
 Dibromofluoromethane
 Concen: 44.17 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX001695.D
 Acq: 13 May 2018 04:13

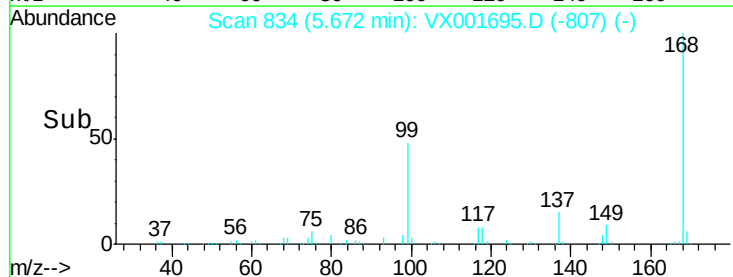
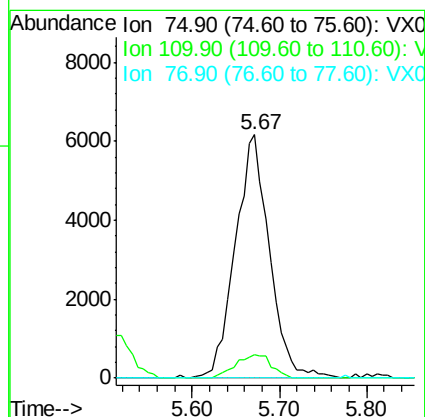
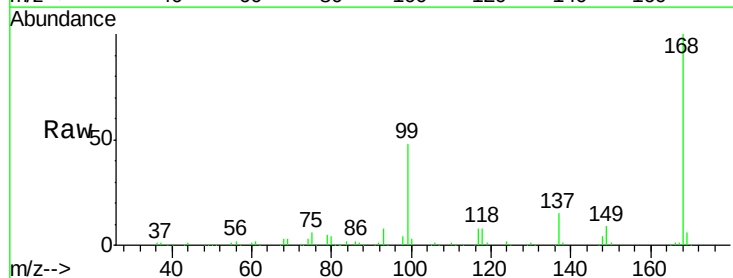
Instrument :
 MSVOA_X
 ClientSampleId :
 PB109200ZHE#11

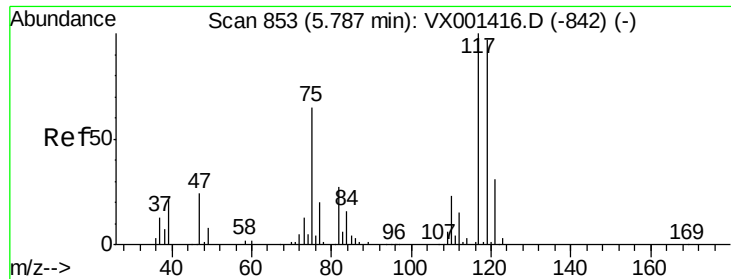
Tgt Ion:113 Resp: 144187
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.2 123.2
 192 26.4 21.4 32.0



#36
 1,1-Dichloropropene
 Concen: 3.58 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.13 min
 Lab File: VX001695.D
 Acq: 13 May 2018 04:13

Tgt Ion: 75 Resp: 16712
 Ion Ratio Lower Upper
 75 100
 110 10.0 18.9 56.7#
 77 0.0 24.9 37.3#





#38

Carbon Tetrachloride

Concen: 4.65 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX001695.D

Acq: 13 May 2018 04:13

Instrument :

MSVOA_X

ClientSampleId :

PB109200ZHE#11

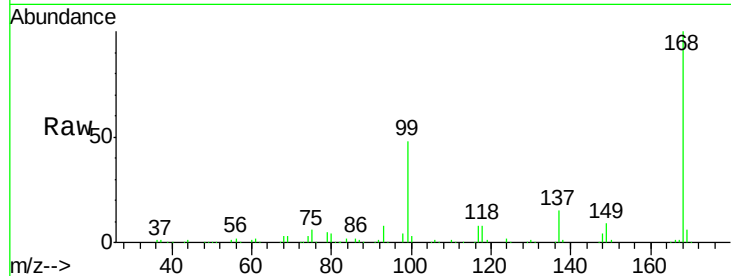
Tgt Ion:117 Resp: 23152

Ion Ratio Lower Upper

117 100

119 6.8 77.0 115.6#

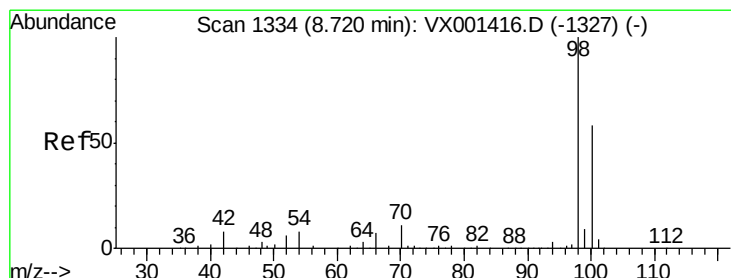
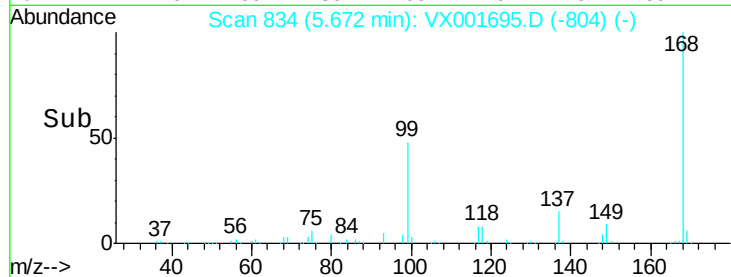
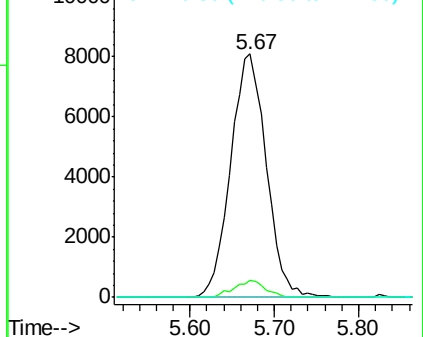
121 0.0 25.1 37.7#



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: 43.44 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001695.D

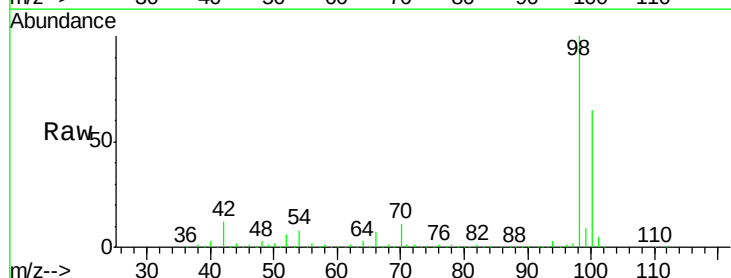
Acq: 13 May 2018 04:13

Tgt Ion: 98 Resp: 517648

Ion Ratio Lower Upper

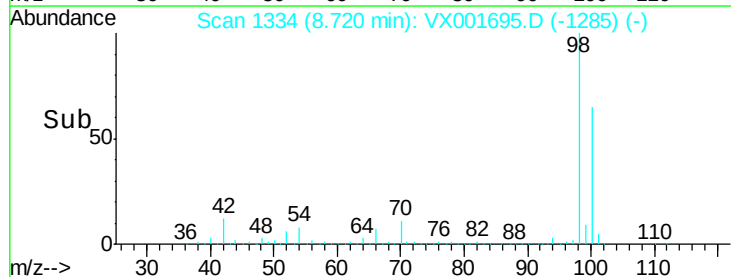
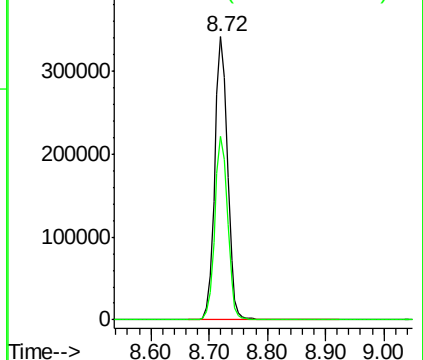
98 100

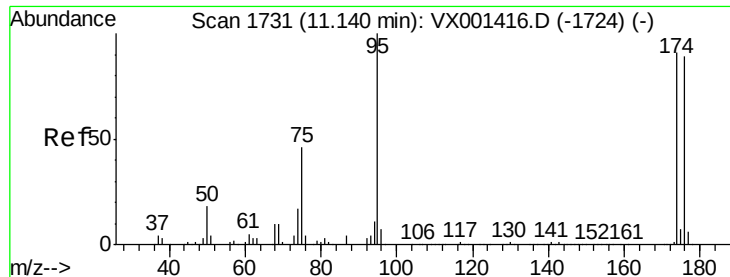
100 65.4 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

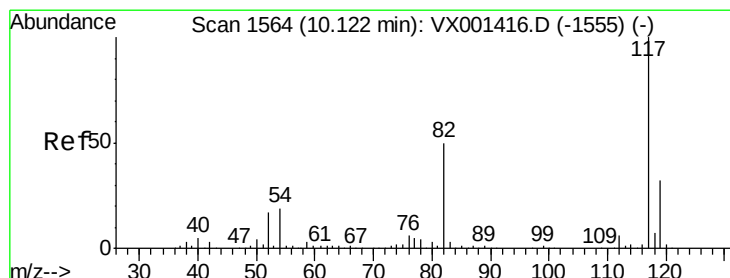
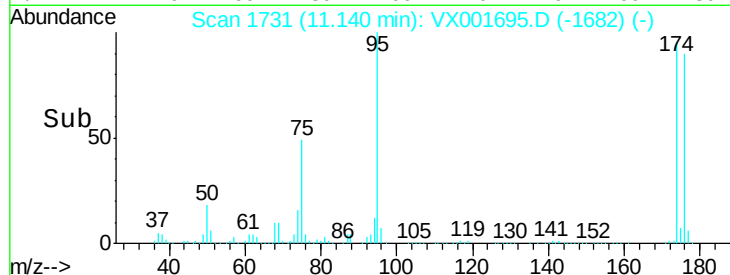
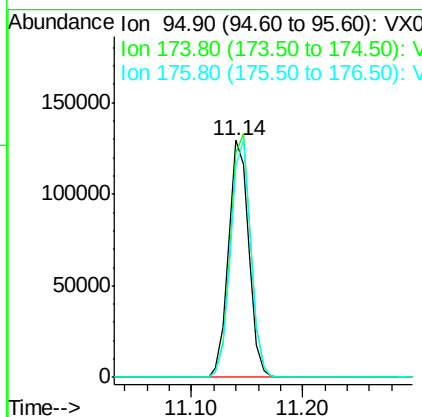
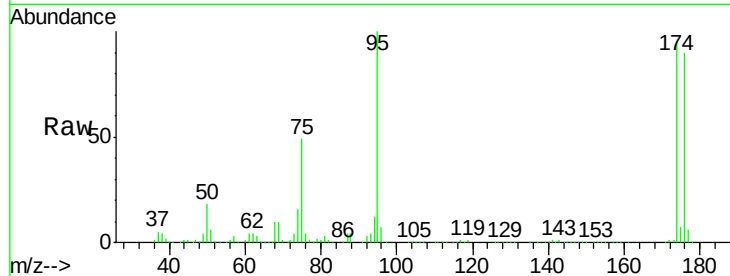




#62
4-Bromofluorobenzene
Concen: 35.61 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001695.D
Acq: 13 May 2018 04:13

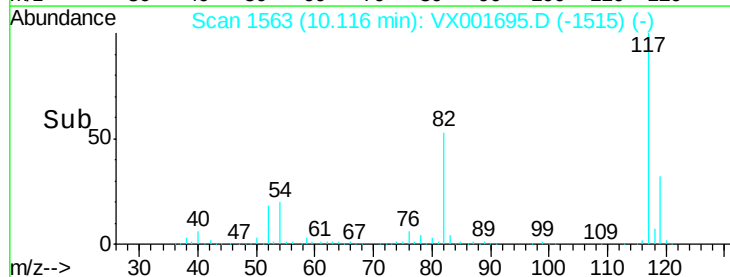
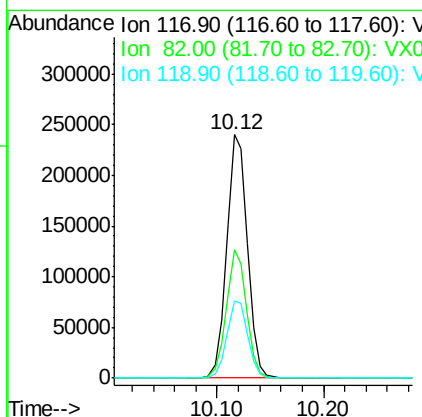
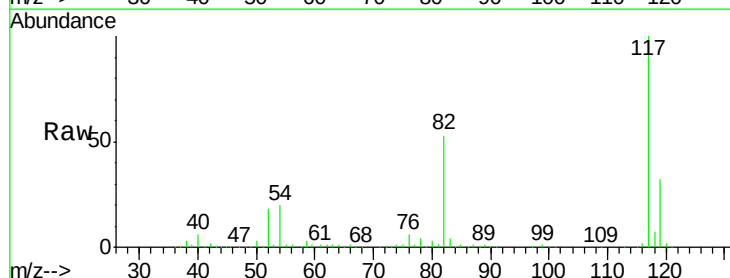
Instrument :
MSVOA_X
ClientSampleId :
PB109200ZHE#11

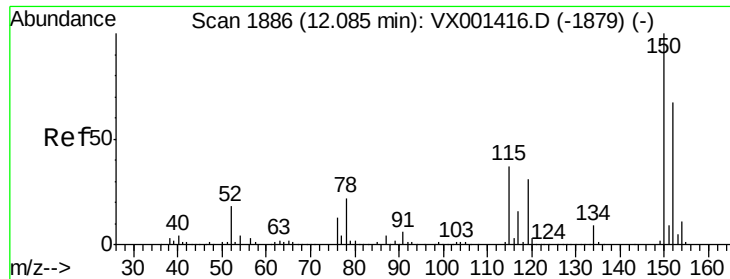
Tgt Ion: 95 Resp: 162890
Ion Ratio Lower Upper
95 100
174 103.2 0.0 202.0
176 99.4 0.0 197.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001695.D
Acq: 13 May 2018 04:13

Tgt Ion: 117 Resp: 327008
Ion Ratio Lower Upper
117 100
82 52.5 40.0 60.0
119 31.6 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: VX001695.D

Acq: 13 May 2018 04:13

Instrument :

MSVOA_X

ClientSampleId :

PB109200ZHE#11

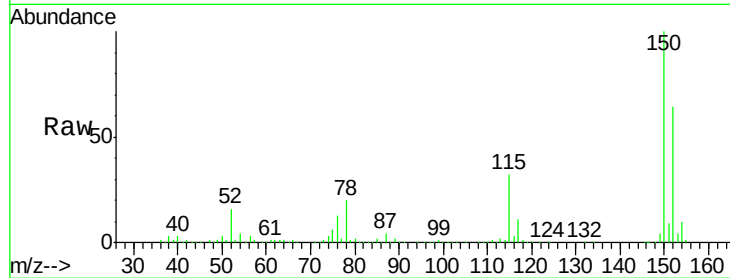
Tgt Ion:152 Resp: 177554

Ion Ratio Lower Upper

152 100

115 52.1 37.7 113.1

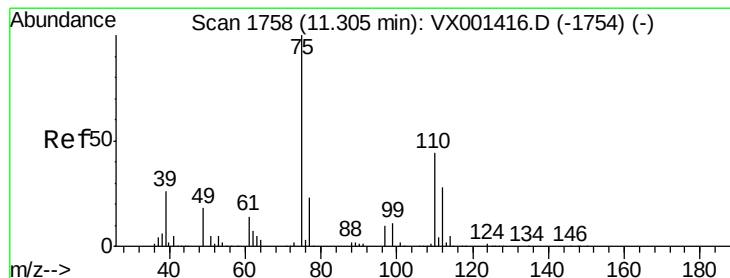
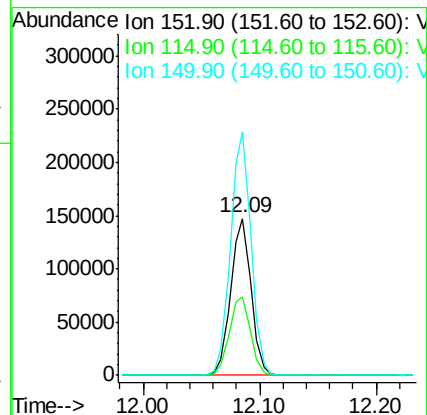
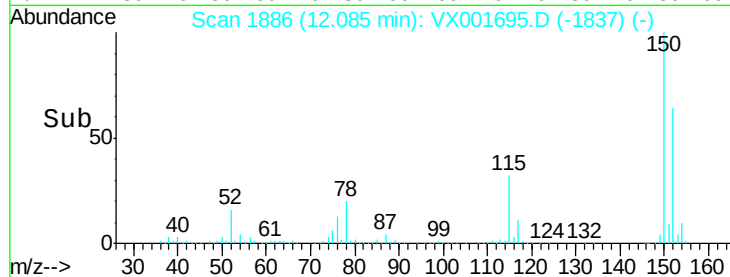
150 156.0 0.0 349.4



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: 22.13 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001695.D

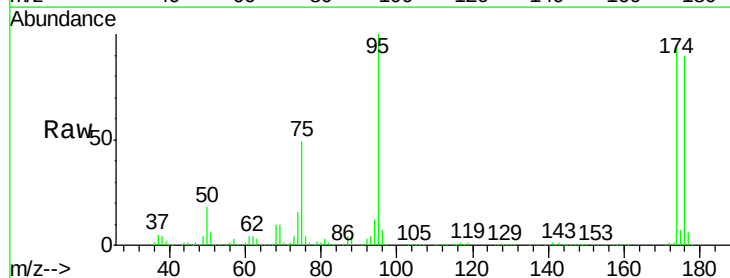
Acq: 13 May 2018 04:13

Tgt Ion: 75 Resp: 79704

Ion Ratio Lower Upper

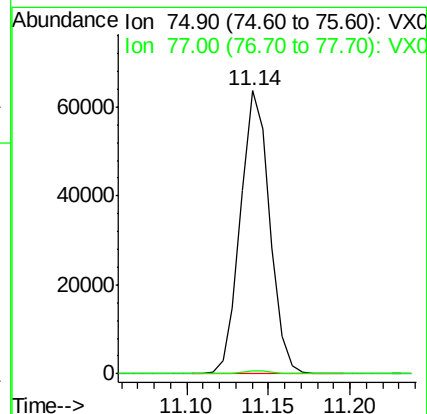
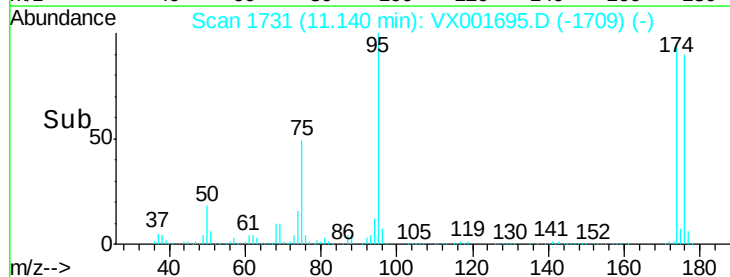
75 100

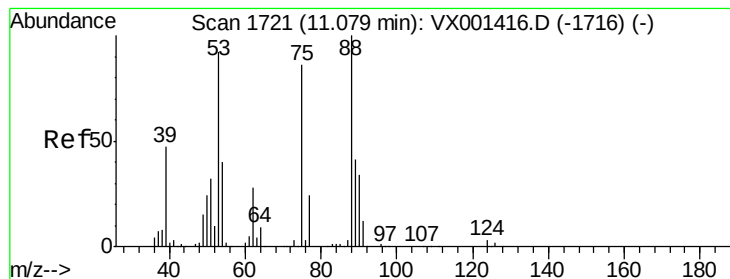
77 1.1 19.6 58.7#



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: 68.81 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX001695.D

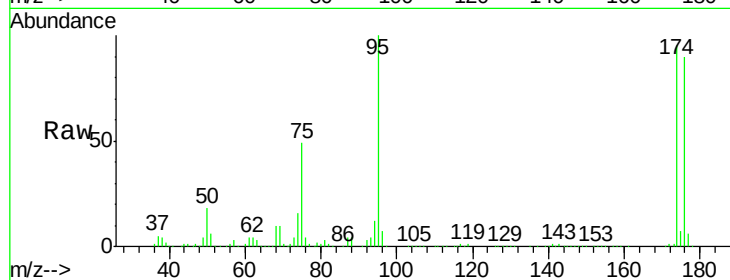
Acq: 13 May 2018 04:13

Instrument :

MSVOA_X

ClientSampleId :

PB109200ZHE#11



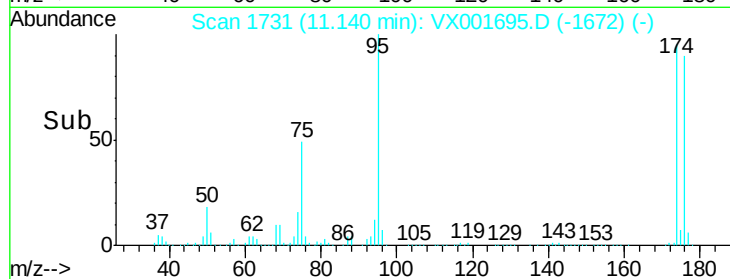
Tgt Ion: 75 Resp: 79704

Ion Ratio Lower Upper

75 100

53 0.1 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

