

Data File : VX001691.D
Acq On : 13 May 2018 02:27
Operator : JC/MD
Sample : PB109200ZHE#07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB109200ZHE#07

Quant Time: May 14 06:10:18 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	277056	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	375333	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	326930	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	173804	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	182108	45.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.46%	
35) Dibromofluoromethane	5.51	113	146188	43.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.58%	
50) Toluene-d8	8.72	98	516877	42.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.82%	
62) 4-Bromofluorobenzene	11.14	95	161344	34.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	68.98%	

Target Compounds				Qvalue		
5) Bromomethane	1.65	94	1015	Below Cal		85
11) Tert butyl alcohol	3.02	59	1455	1.73 ug/l #		82
13) Acrolein	2.32	56	49	Below Cal	#	16
16) Acetone	2.45	43	6869	3.80 ug/l		98
18) Methyl Acetate	2.78	43	23049	4.85 ug/l		96
20) Methylene Chloride	2.86	84	2559	0.71 ug/l #		88
25) 2-Butanone	4.73	43	1942	0.74 ug/l		98
29) Tetrahydrofuran	5.17	42	568	0.34 ug/l #		80
31) Cyclohexane	5.67	56	4797	0.94 ug/l #		1
36) 1,1-Dichloropropene	5.67	75	17251	3.61 ug/l #		49
38) Carbon Tetrachloride	5.67	117	23475	4.61 ug/l #		16
76) 1,2,3-Trichloropropane	11.14	75	78886	22.38 ug/l #		38
81) trans-1,4-Dichloro-2-buten	11.14	75	78886	69.52 ug/l #		7

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

Data File : VX001691.D

Acq On : 13 May 2018 02:27

Operator : JC/MD

Sample : PB109200ZHE#07

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 35 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

PB109200ZHE#07

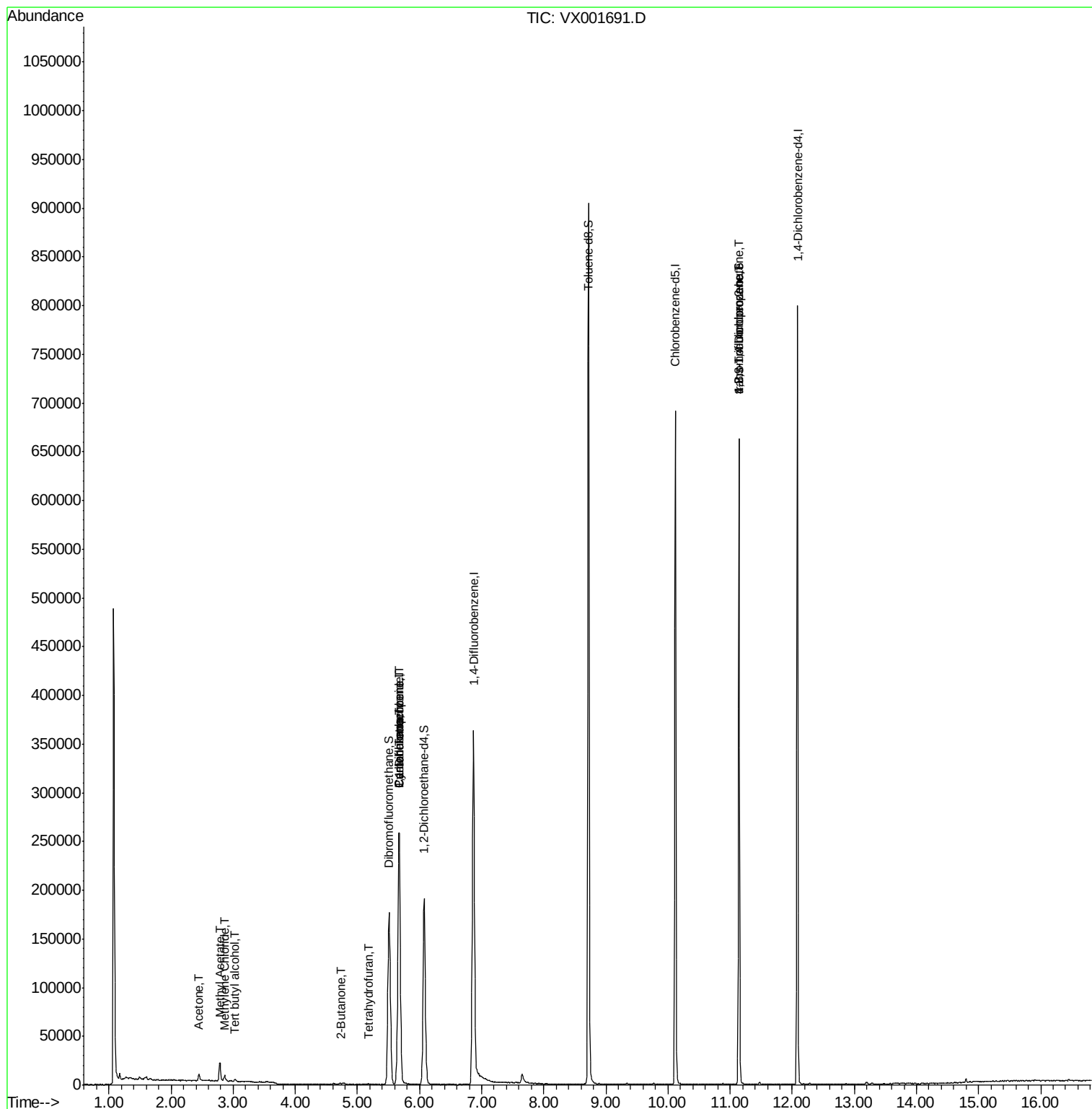
Quant Time: May 14 06:10:18 2018

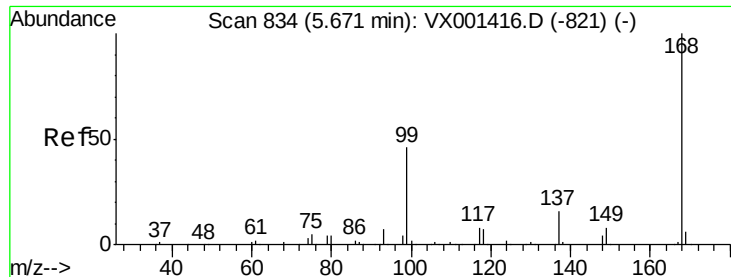
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M

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: VX001691.D

Acq: 13 May 2018 02:27

Instrument :

MSVOA_X

ClientSampleId :

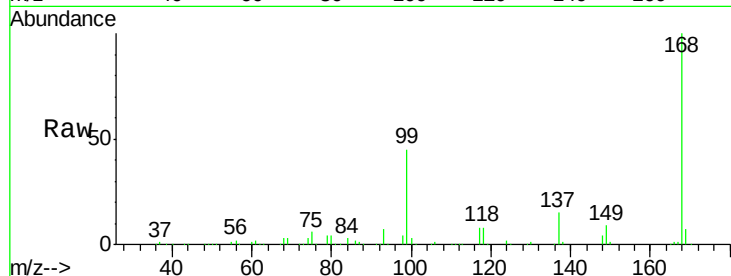
PB109200ZHE#07

Tgt Ion:168 Resp: 277056

Ion Ratio Lower Upper

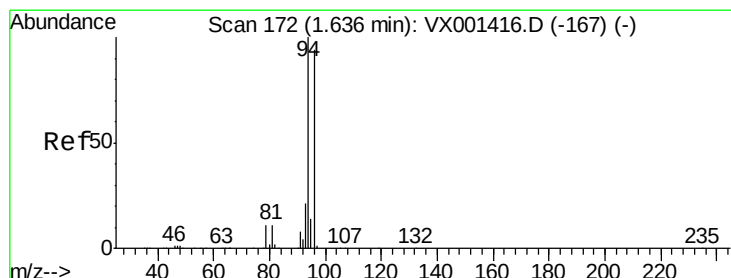
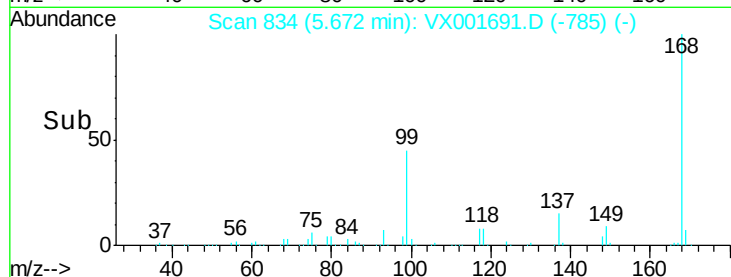
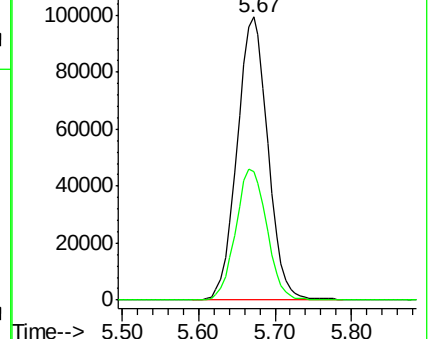
168 100

99 45.4 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: VX001691.D

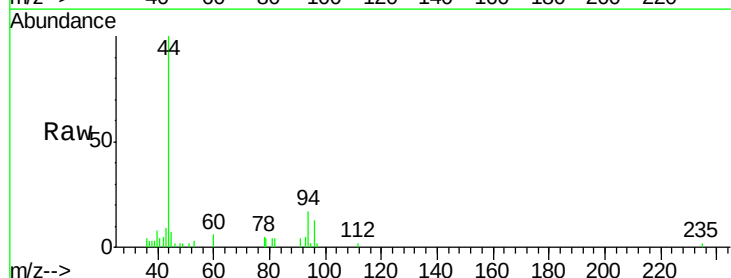
Acq: 13 May 2018 02:27

Tgt Ion: 94 Resp: 1015

Ion Ratio Lower Upper

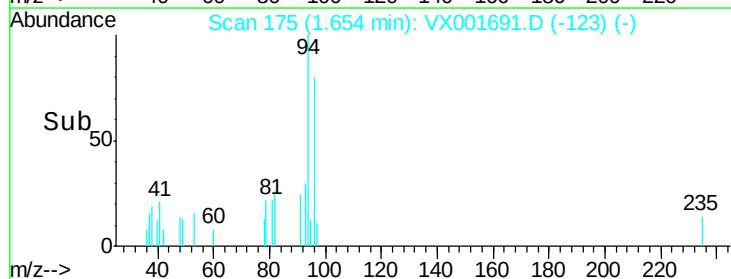
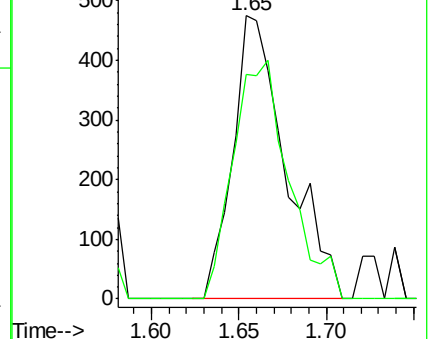
94 100

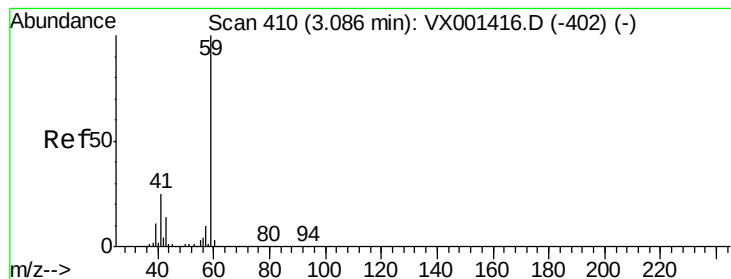
96 79.5 75.0 112.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



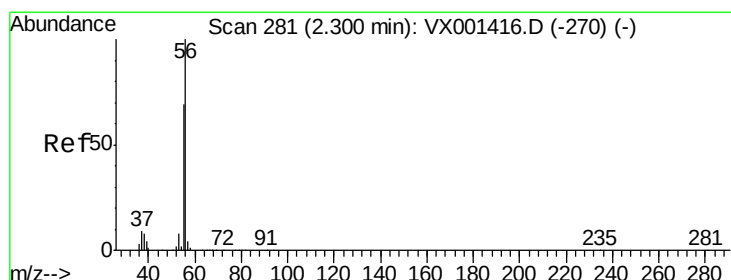
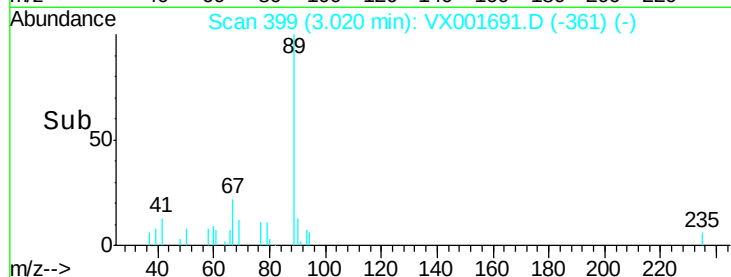
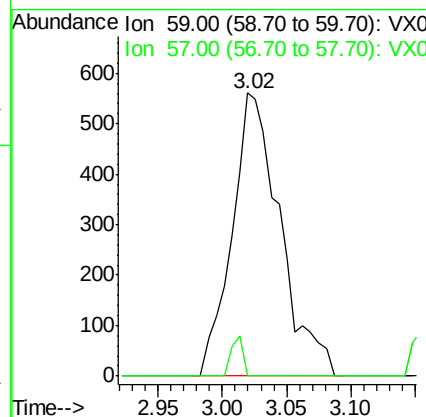
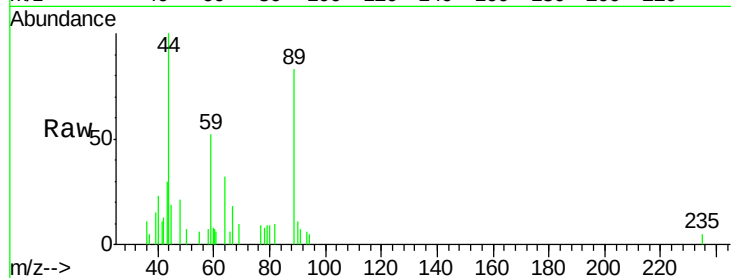


#11

Tert butyl alcohol
 Concen: 1.73 ug/l
 RT: 3.02 min Scan# 399
 Delta R.T. -0.07 min
 Lab File: VX001691.D
 Acq: 13 May 2018 02:27

Instrument :
 MSVOA_X
 ClientSampleId :
 PB109200ZHE#07

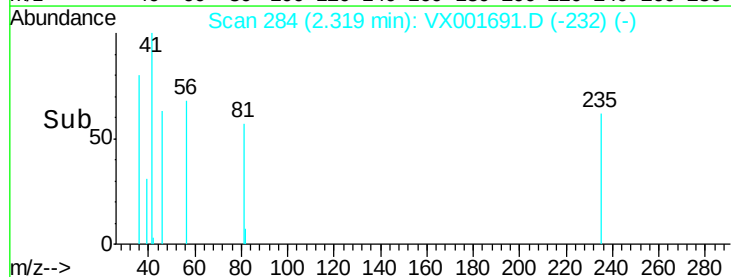
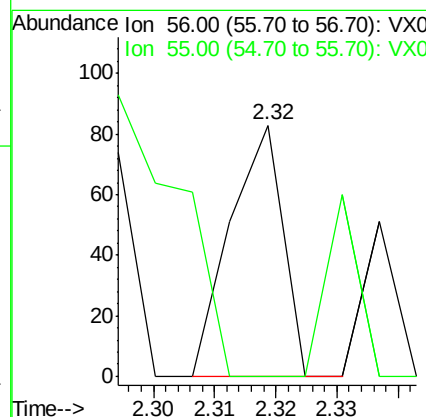
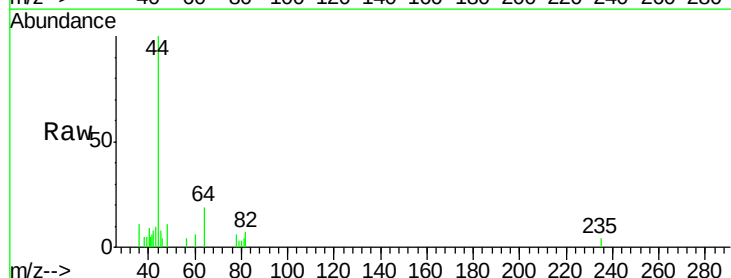
Tgt Ion: 59 Resp: 1455
 Ion Ratio Lower Upper
 59 100
 57 3.4 8.2 12.4#

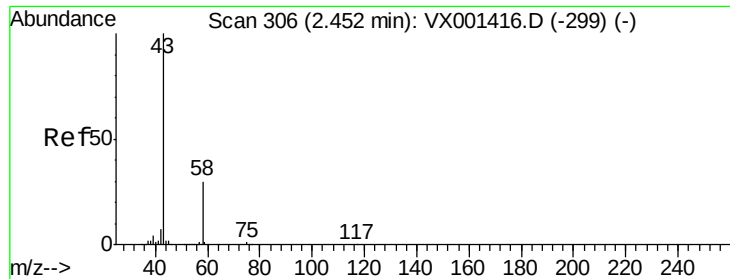


#13

Acrolein
 Concen: Below Cal
 RT: 2.32 min Scan# 284
 Delta R.T. 0.02 min
 Lab File: VX001691.D
 Acq: 13 May 2018 02:27

Tgt Ion: 56 Resp: 49
 Ion Ratio Lower Upper
 56 100
 55 0.0 54.5 81.7#





#16

Acetone

Concen: 3.80 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX001691.D

Acq: 13 May 2018 02:27

Instrument :

MSVOA_X

ClientSampleId :

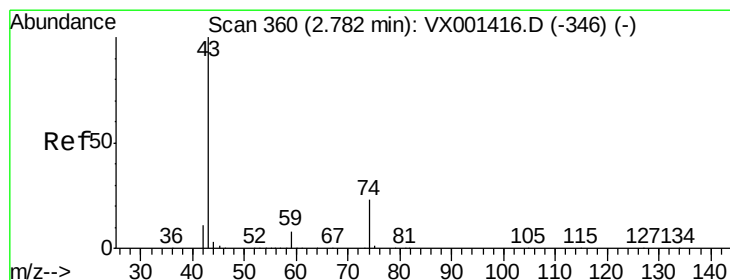
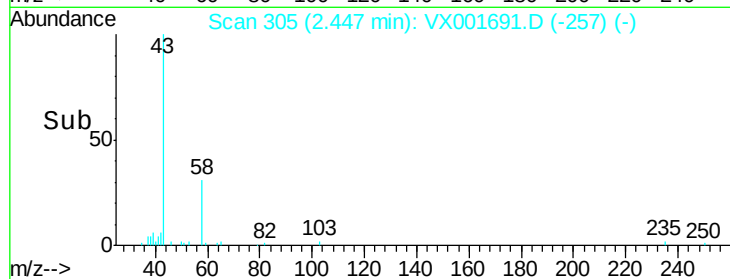
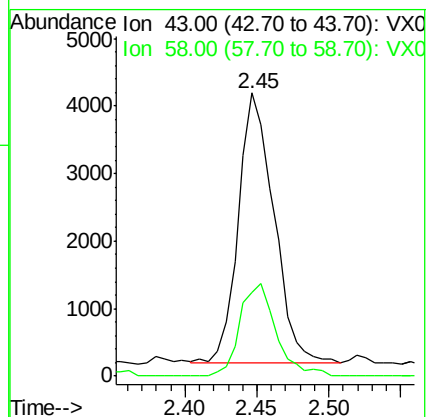
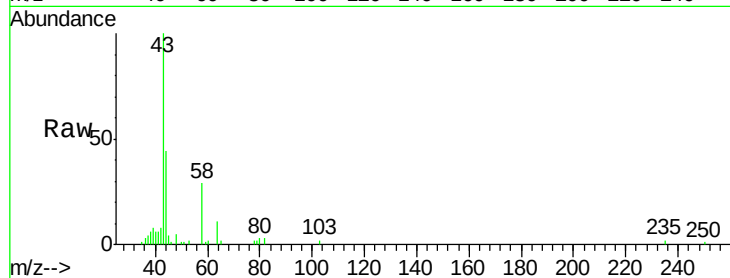
PB109200ZHE#07

Tgt Ion: 43 Resp: 6869

Ion Ratio Lower Upper

43 100

58 30.9 23.8 35.8



#18

Methyl Acetate

Concen: 4.85 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX001691.D

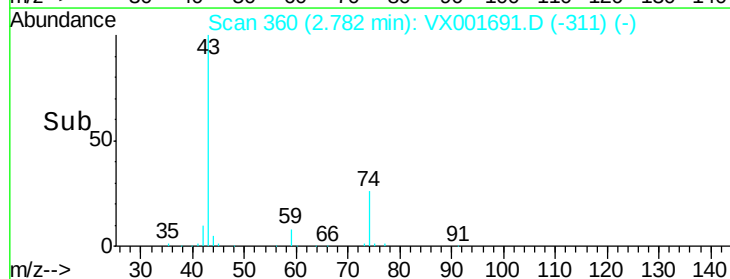
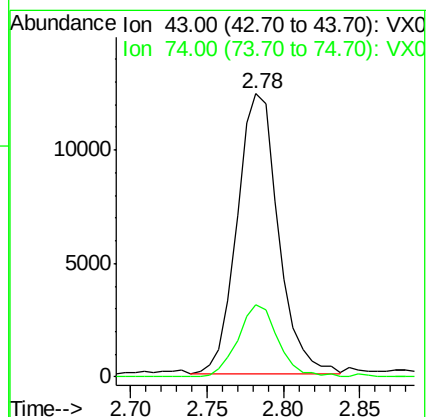
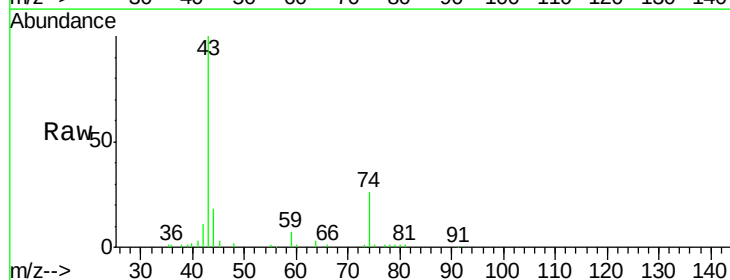
Acq: 13 May 2018 02:27

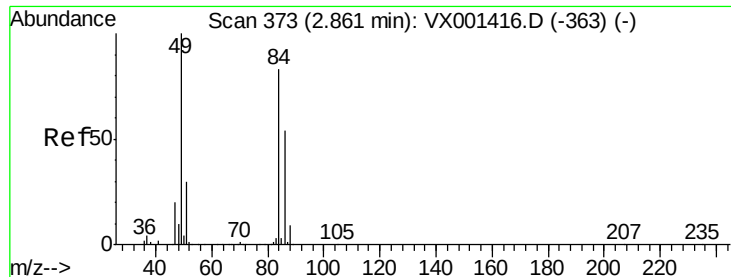
Tgt Ion: 43 Resp: 23049

Ion Ratio Lower Upper

43 100

74 25.3 18.6 27.8

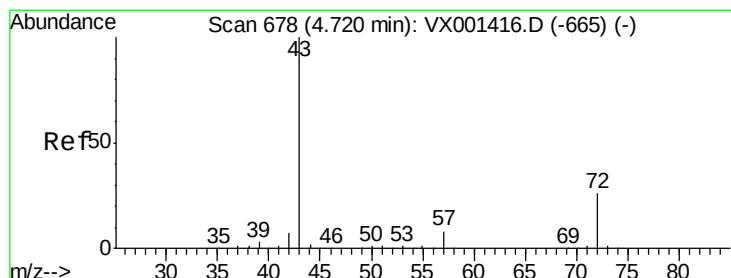
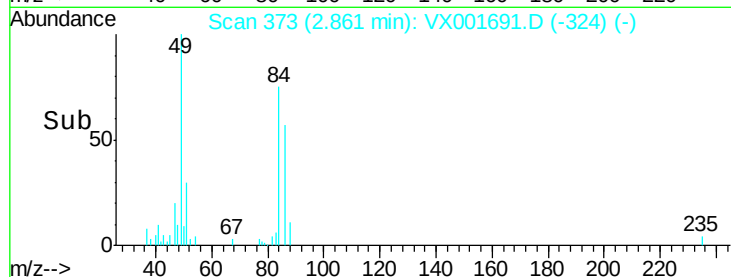
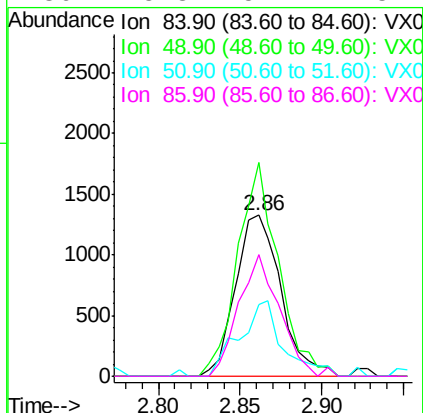
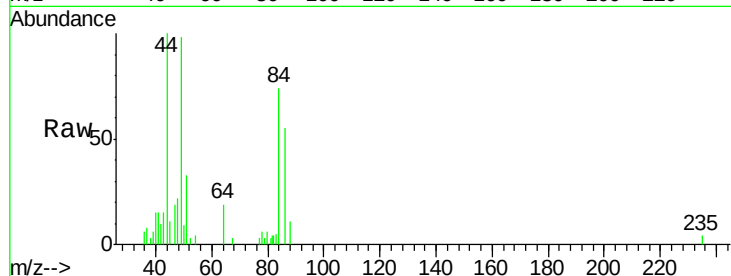




#20
Methylene Chloride
Concen: 0.71 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001691.D
Acq: 13 May 2018 02:27

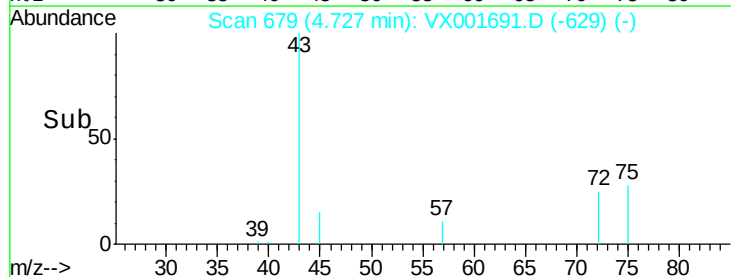
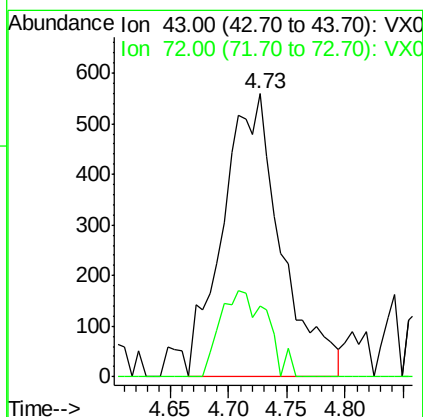
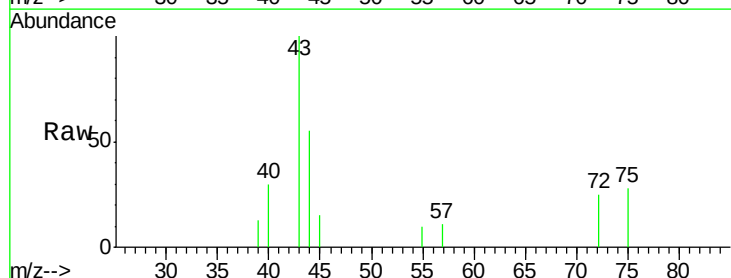
Instrument :
MSVOA_X
ClientSampleId :
PB109200ZHE#07

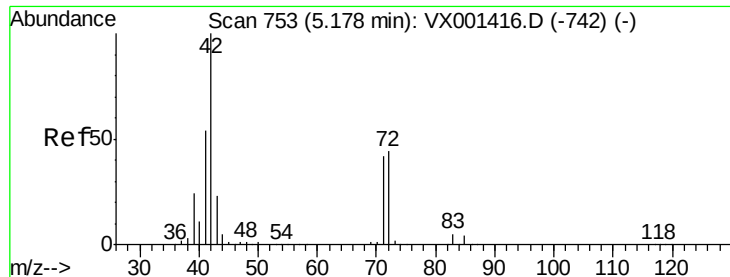
Tgt Ion:	84	Resp:	2559
Ion	Ratio	Lower	Upper
84	100		
49	132.6	96.6	144.8
51	44.5	29.0	43.4#
86	75.3	52.2	78.4



#25
2-Butanone
Concen: 0.74 ug/l
RT: 4.73 min Scan# 679
Delta R.T. 0.01 min
Lab File: VX001691.D
Acq: 13 May 2018 02:27

Tgt Ion:	43	Resp:	1942
Ion	Ratio	Lower	Upper
43	100		
72	25.0	20.7	31.1





#29

Tetrahydrofuran

Concen: 0.34 ug/l

RT: 5.17 min Scan# 752

Delta R.T. -0.01 min

Lab File: VX001691.D

Acq: 13 May 2018 02:27

Instrument :

MSVOA_X

ClientSampleId :

PB109200ZHE#07

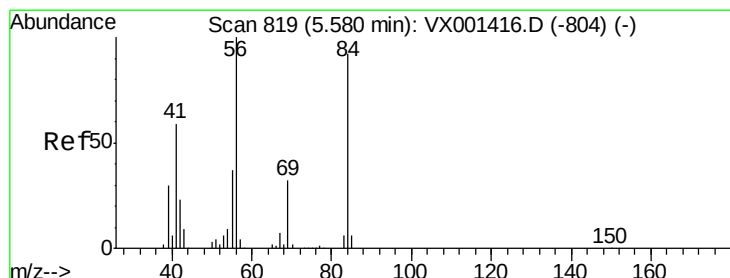
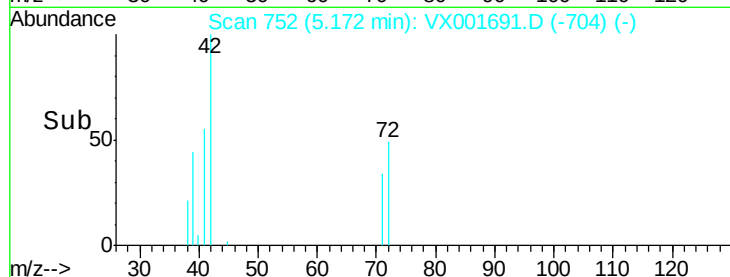
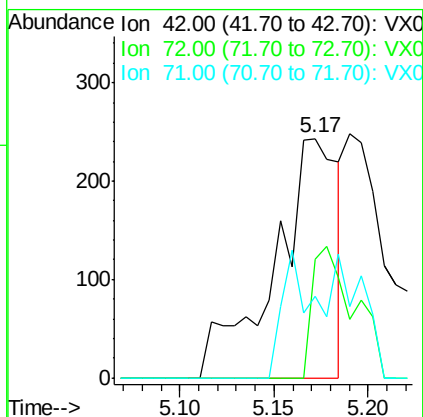
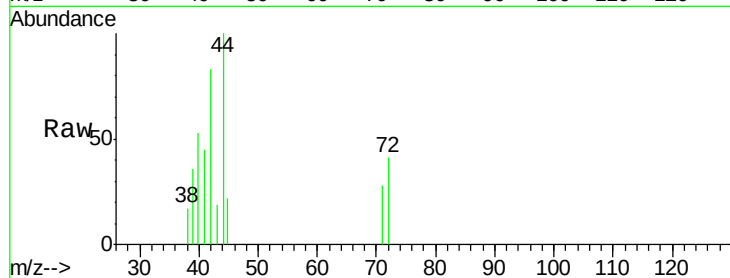
Tgt Ion: 42 Resp: 568

Ion Ratio Lower Upper

42 100

72 35.9 35.4 53.2

71 23.6 33.0 49.4#



#31

Cyclohexane

Concen: 0.94 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.09 min

Lab File: VX001691.D

Acq: 13 May 2018 02:27

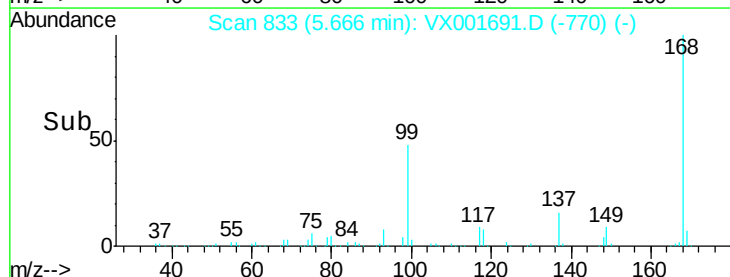
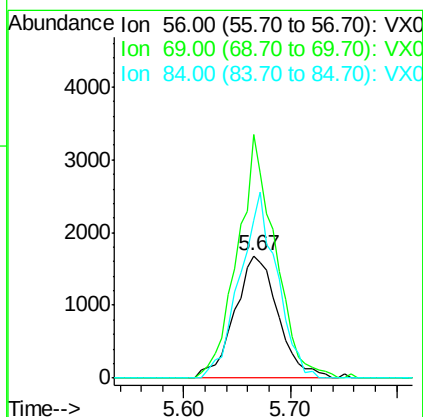
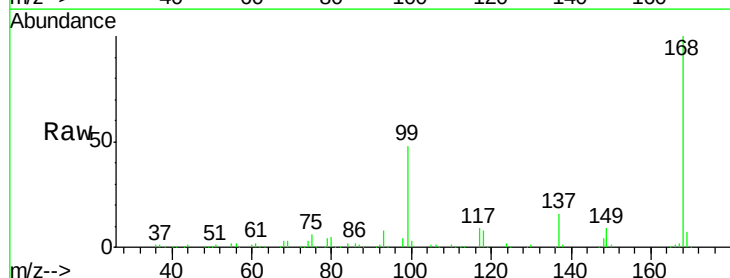
Tgt Ion: 56 Resp: 4797

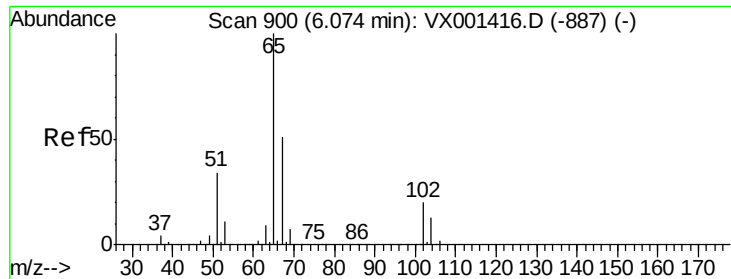
Ion Ratio Lower Upper

56 100

69 199.3 25.4 38.0#

84 129.6 73.8 110.8#

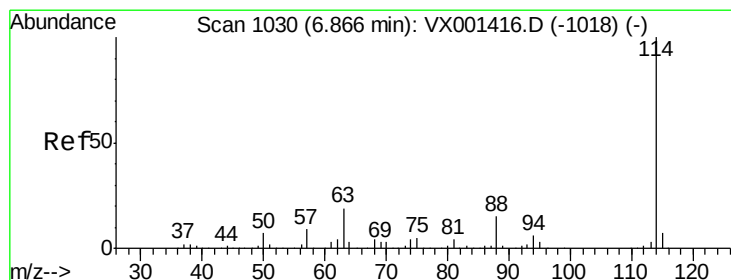
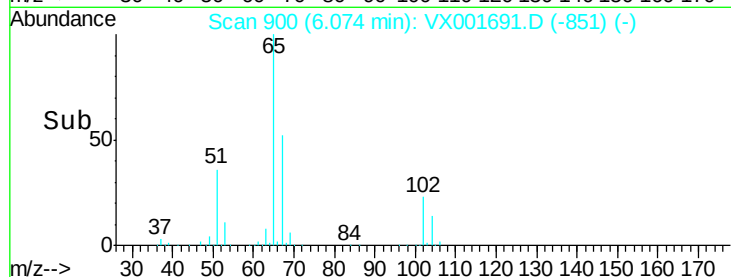
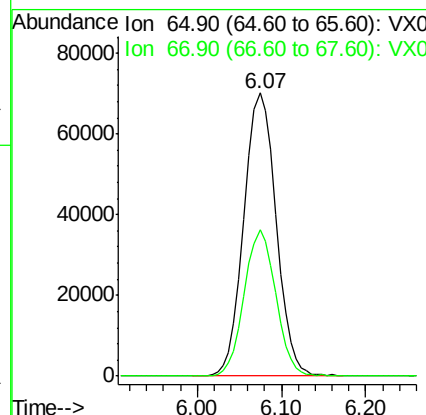
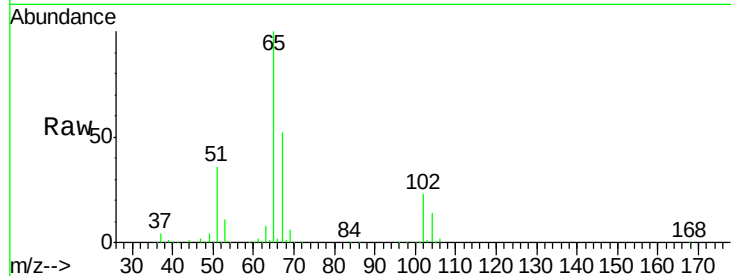




#33
 1,2-Dichloroethane-d4
 Concen: 45.73 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001691.D
 Acq: 13 May 2018 02:27

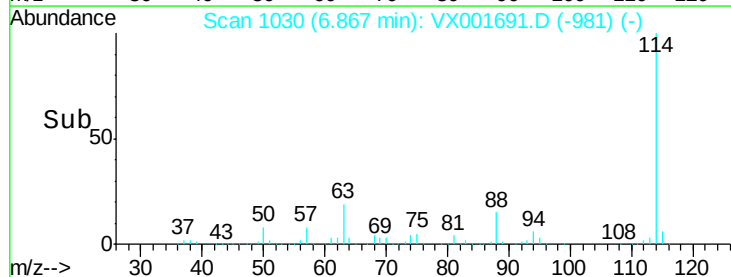
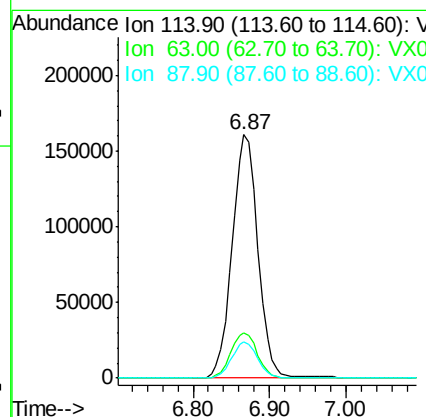
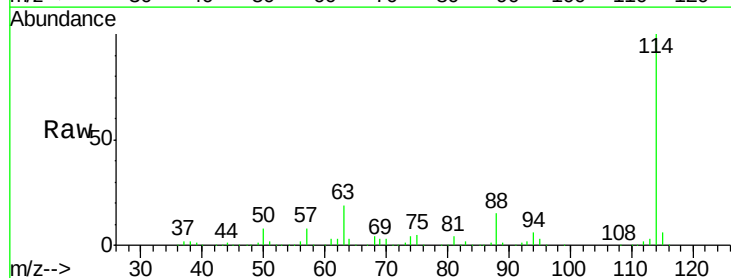
Instrument :
 MSVOA_X
 ClientSampleId :
 PB109200ZHE#07

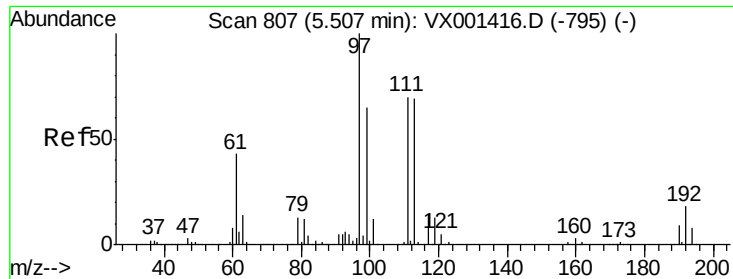
Tgt Ion: 65 Resp: 182108
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001691.D
 Acq: 13 May 2018 02:27

Tgt Ion: 114 Resp: 375333
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 38.6
 88 15.1 0.0 30.8

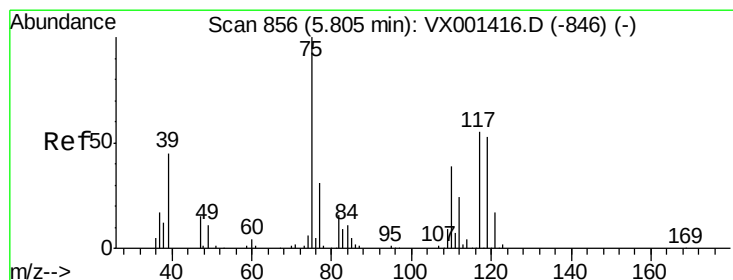
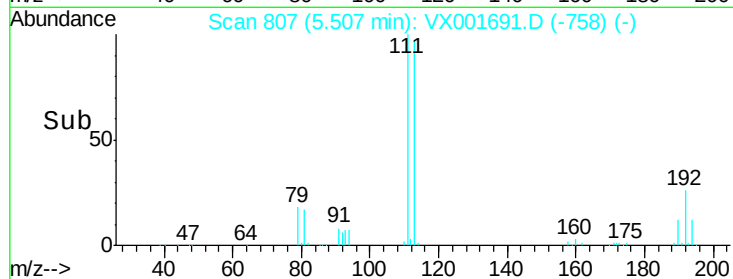
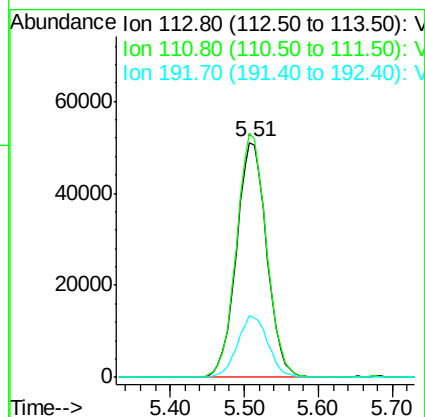
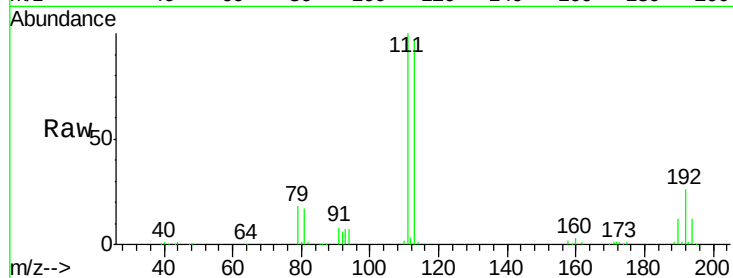




#35
 Dibromofluoromethane
 Concen: 43.79 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX001691.D
 Acq: 13 May 2018 02:27

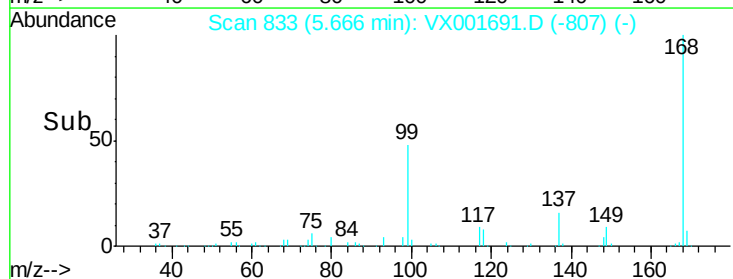
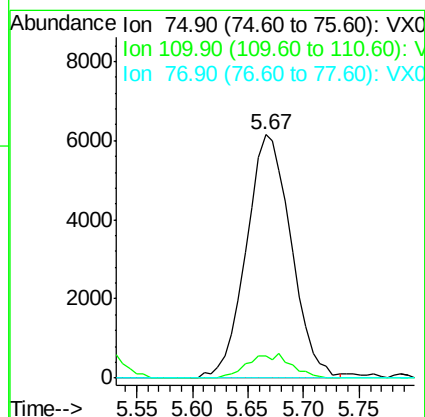
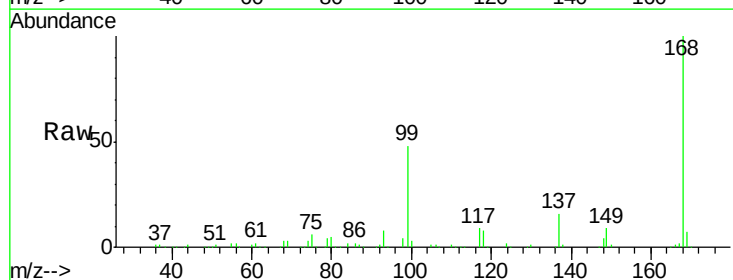
Instrument :
 MSVOA_X
 ClientSampleId :
 PB109200ZHE#07

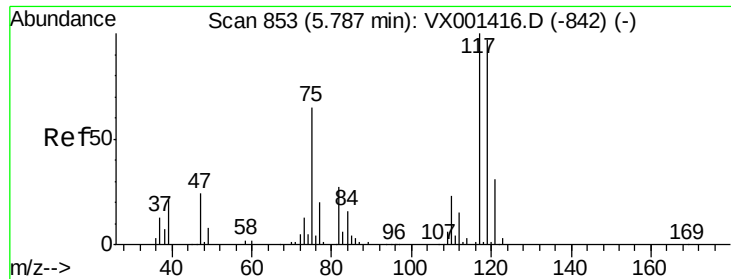
Tgt Ion:113 Resp: 146188
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.2 123.2
 192 26.3 21.4 32.0



#36
 1,1-Dichloropropene
 Concen: 3.61 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.14 min
 Lab File: VX001691.D
 Acq: 13 May 2018 02:27

Tgt Ion: 75 Resp: 17251
 Ion Ratio Lower Upper
 75 100
 110 9.5 18.9 56.7#
 77 0.0 24.9 37.3#

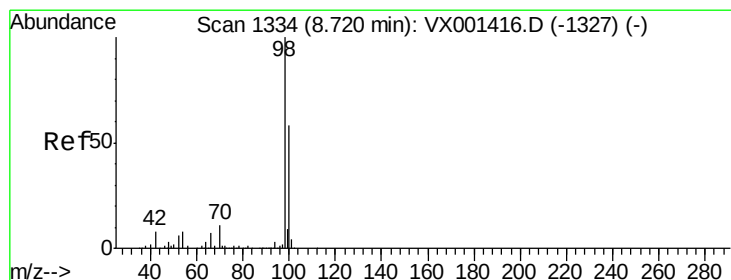
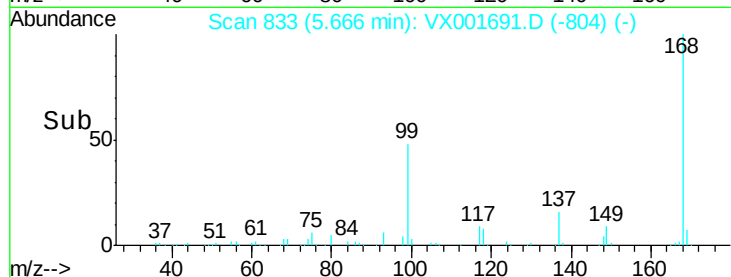
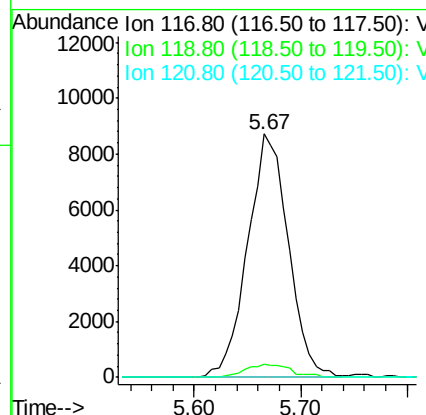
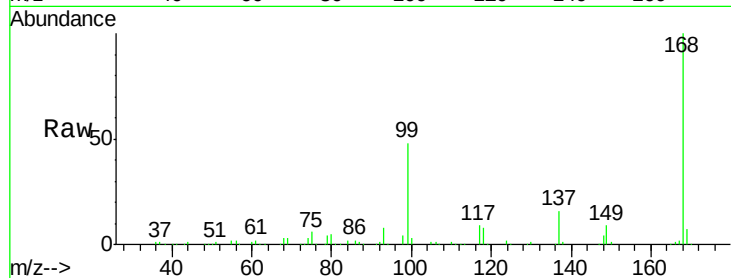




#38
Carbon Tetrachloride
Concen: 4.61 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX001691.D
Acq: 13 May 2018 02:27

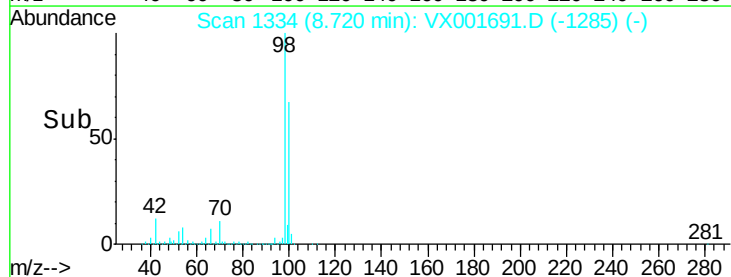
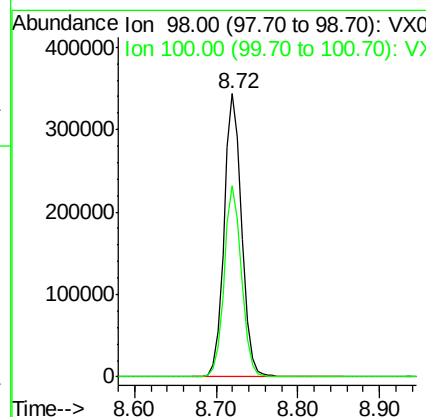
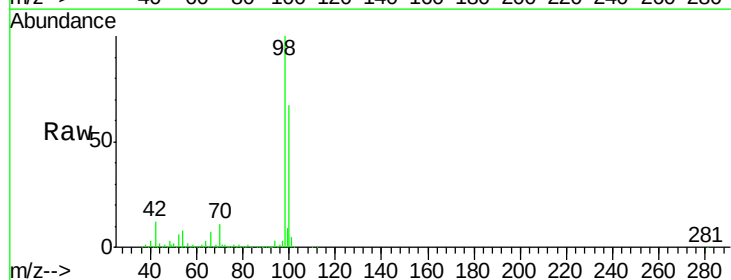
Instrument :
MSVOA_X
ClientSampleId :
PB109200ZHE#07

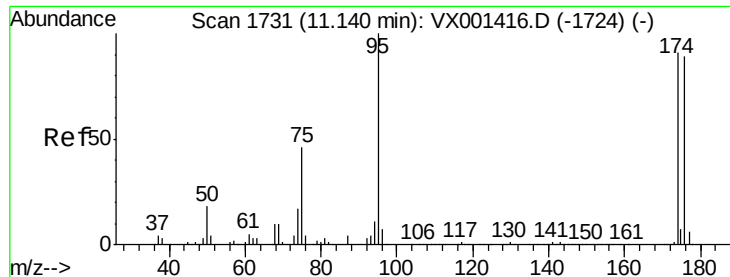
Tgt Ion: 117 Resp: 23475
Ion Ratio Lower Upper
117 100
119 5.4 77.0 115.6#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 42.41 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001691.D
Acq: 13 May 2018 02:27

Tgt Ion: 98 Resp: 516877
Ion Ratio Lower Upper
98 100
100 66.6 54.0 81.0

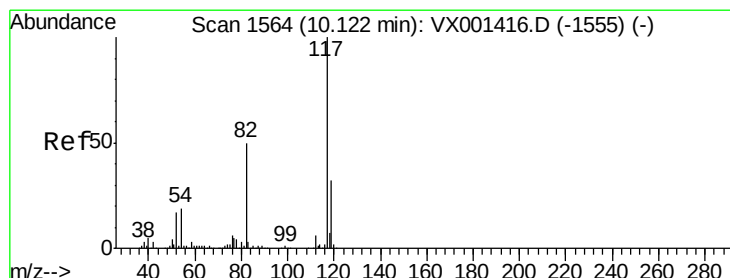
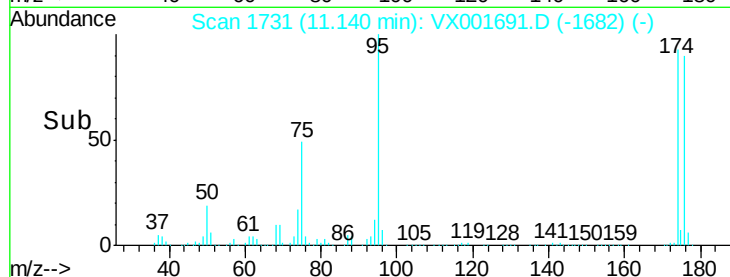
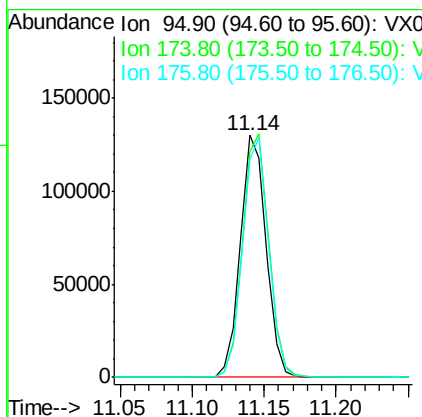
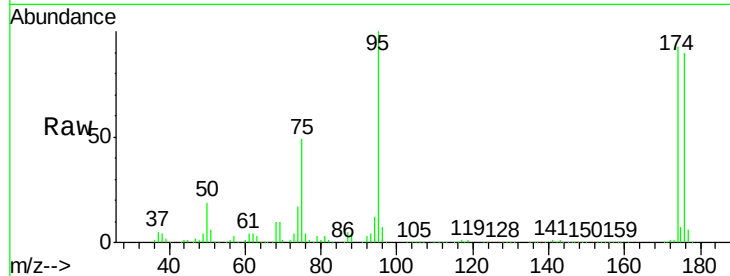




#62
4-Bromofluorobenzene
Concen: 34.49 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001691.D
Acq: 13 May 2018 02:27

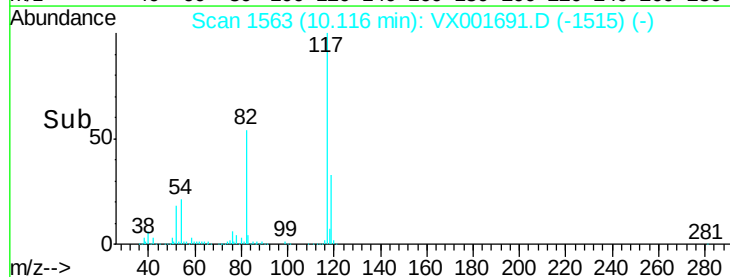
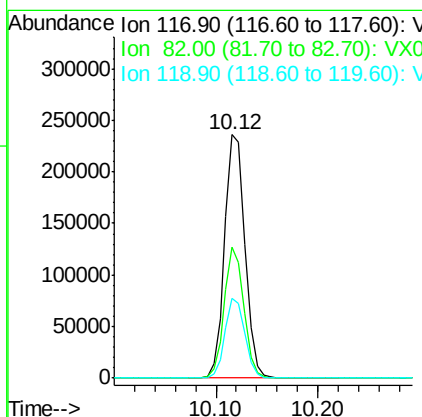
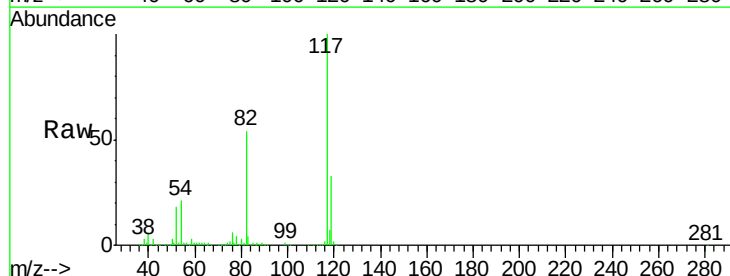
Instrument :
MSVOA_X
ClientSampleId :
PB109200ZHE#07

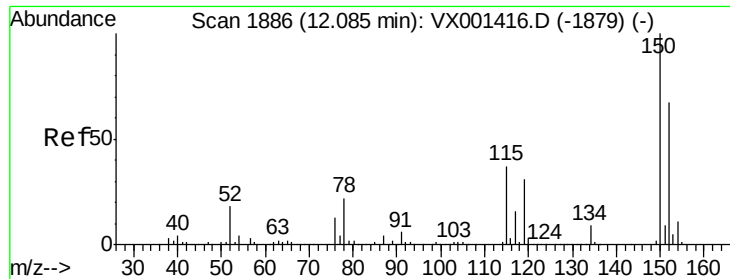
Tgt Ion: 95 Resp: 161344
Ion Ratio Lower Upper
95 100
174 102.7 0.0 202.0
176 99.3 0.0 197.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001691.D
Acq: 13 May 2018 02:27

Tgt Ion: 117 Resp: 326930
Ion Ratio Lower Upper
117 100
82 53.7 40.0 60.0
119 32.7 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: VX001691.D

Acq: 13 May 2018 02:27

Instrument :

MSVOA_X

ClientSampleId :

PB109200ZHE#07

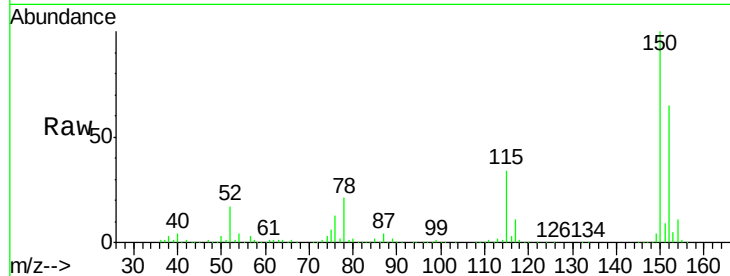
Tgt Ion:152 Resp: 173804

Ion Ratio Lower Upper

152 100

115 52.9 37.7 113.1

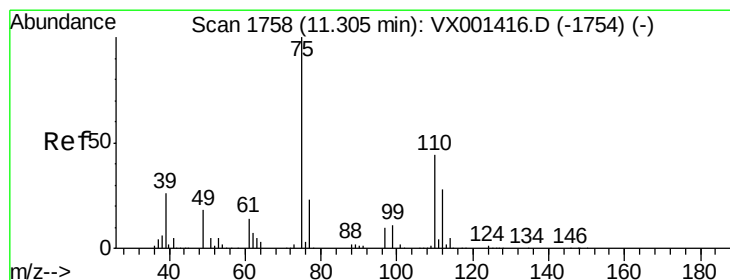
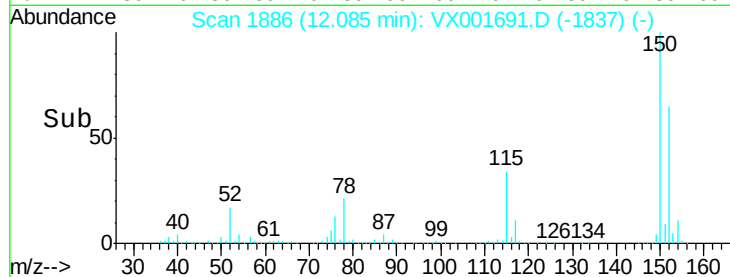
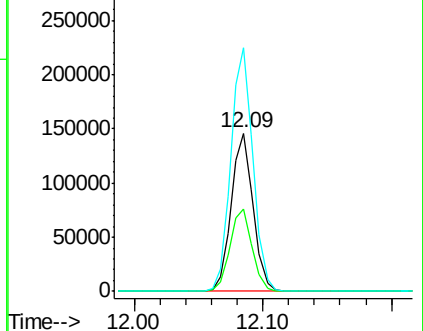
150 155.6 0.0 349.4



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: 22.38 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001691.D

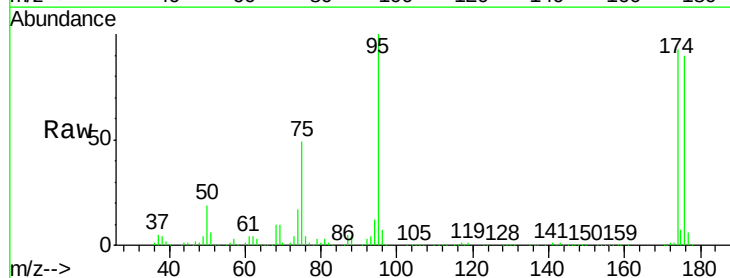
Acq: 13 May 2018 02:27

Tgt Ion: 75 Resp: 78886

Ion Ratio Lower Upper

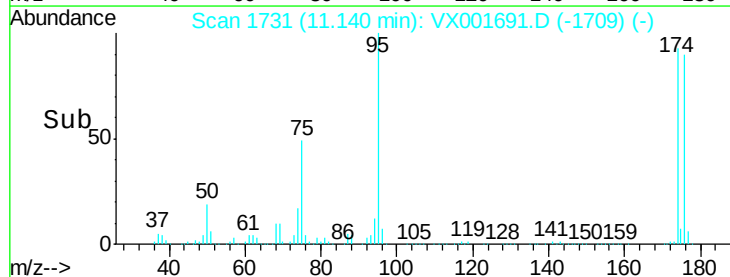
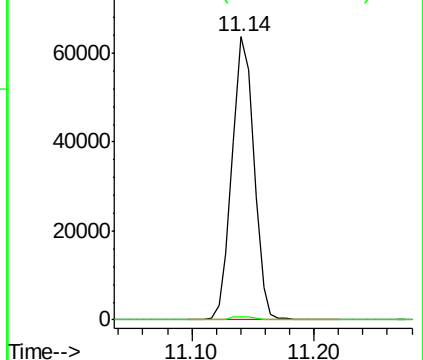
75 100

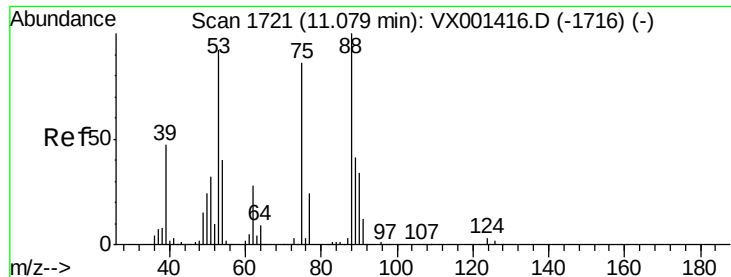
77 1.3 19.6 58.7#



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: 69.52 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX001691.D

Acq: 13 May 2018 02:27

Instrument :

MSVOA_X

ClientSampleId :

PB109200ZHE#07

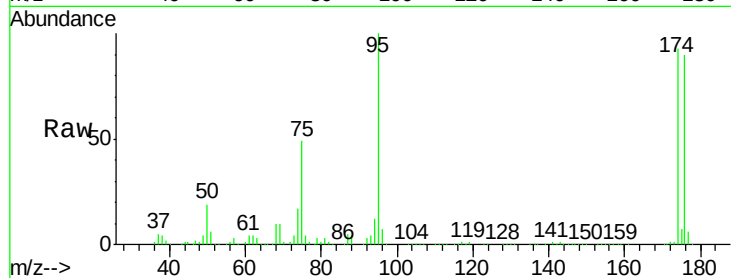
Tgt Ion: 75 Resp: 78886

Ion Ratio Lower Upper

75 100

53 0.1 84.5 126.7#

89 0.1 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

