

Data File : VX001703.D
Acq On : 13 May 2018 07:45
Operator : JC/MD
Sample : PB109200ZHE#19
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB109200ZHE#19

Quant Time: May 14 06:13:50 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	277608	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	372549	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	331230	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	179212	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	180955	45.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.70%	
35) Dibromofluoromethane	5.51	113	145739	43.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.96%	
50) Toluene-d8	8.72	98	524117	43.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.66%	
62) 4-Bromofluorobenzene	11.14	95	165430	35.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.26%	

Target Compounds			Qvalue			
5) Bromomethane	1.66	94	630	Below Cal	#	73
11) Tert butyl alcohol	3.02	59	1789	2.13	ug/l	# 72
13) Acrolein	2.30	56	166	Below Cal	#	16
16) Acetone	2.45	43	7348	4.06	ug/l	94
18) Methyl Acetate	2.78	43	22706	4.77	ug/l	98
20) Methylene Chloride	2.86	84	2675	0.75	ug/l	91
25) 2-Butanone	4.71	43	2278	0.87	ug/l	96
29) Tetrahydrofuran	5.19	42	777	0.46	ug/l	# 51
31) Cyclohexane	5.67	56	4513	0.88	ug/l	# 1
36) 1,1-Dichloropropene	5.67	75	16804	3.55	ug/l	# 49
38) Carbon Tetrachloride	5.67	117	23751	4.70	ug/l	# 17
76) 1,2,3-Trichloropropane	11.14	75	80320	22.10	ug/l	# 38
81) trans-1,4-Dichloro-2-buten	11.14	75	80320	68.70	ug/l	# 7

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

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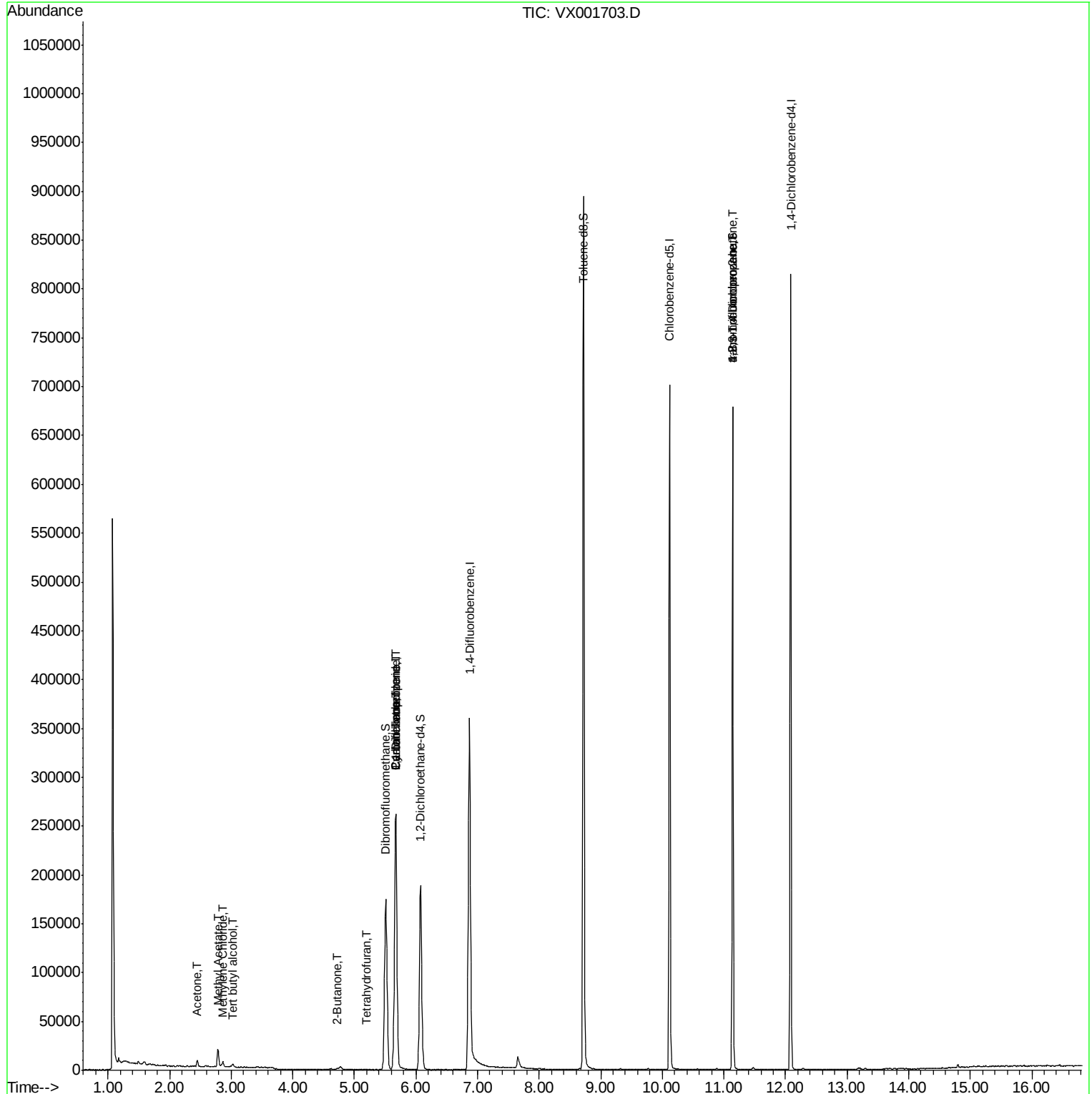
Quant Time: May 14 06:13:50 2018

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: VX001703.D

Acq: 13 May 2018 07:45

Instrument :

MSVOA_X

ClientSampleId :

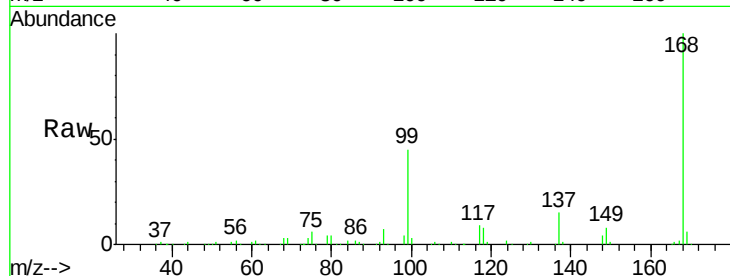
PB109200ZHE#19

Tgt Ion:168 Resp: 277608

Ion Ratio Lower Upper

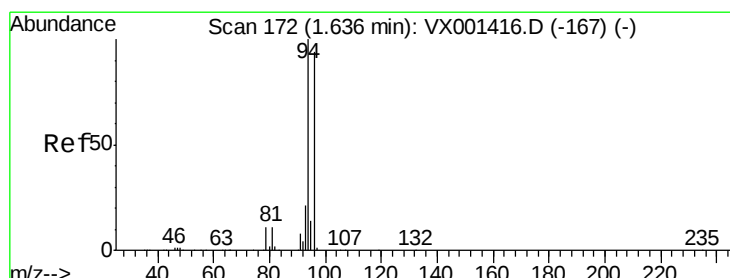
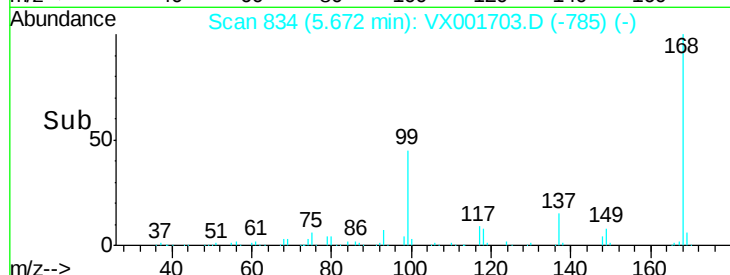
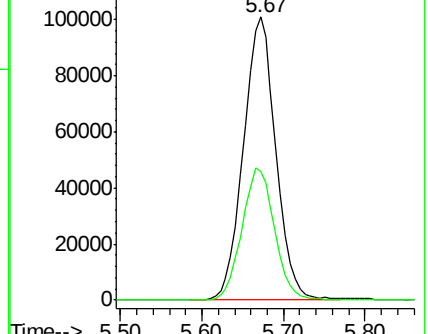
168 100

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: 1.66 min Scan# 176

Delta R.T. 0.03 min

Lab File: VX001703.D

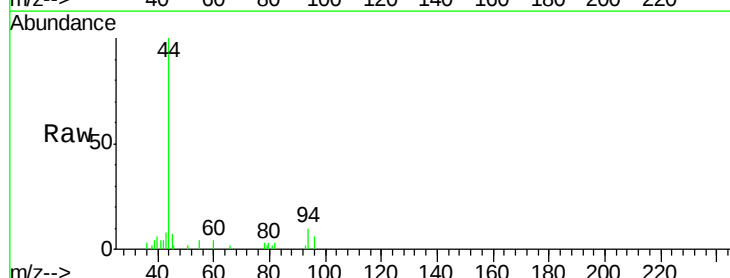
Acq: 13 May 2018 07:45

Tgt Ion: 94 Resp: 630

Ion Ratio Lower Upper

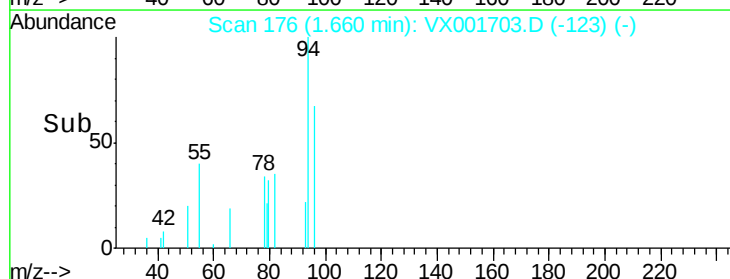
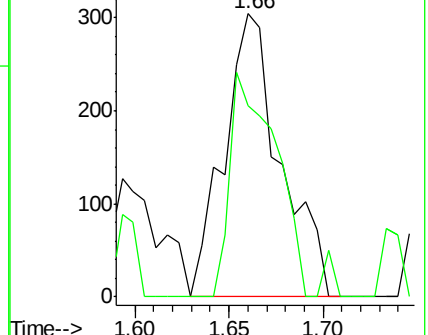
94 100

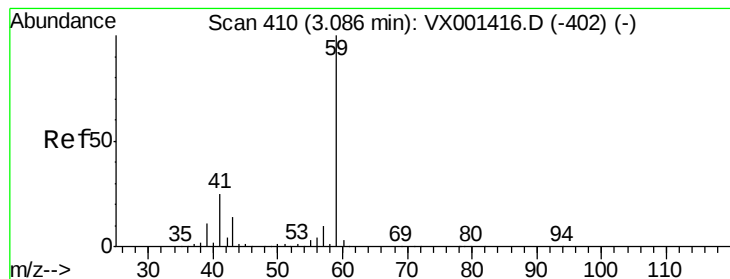
96 67.4 75.0 112.6#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



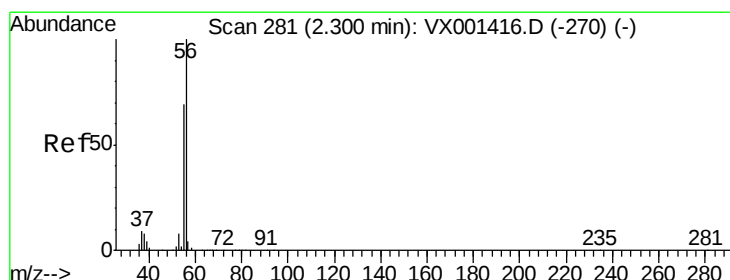
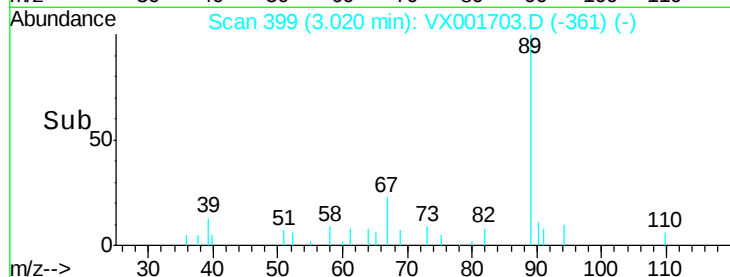
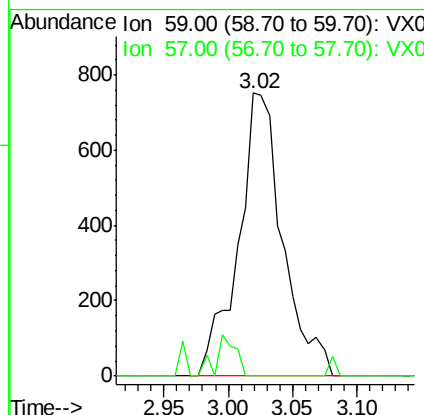
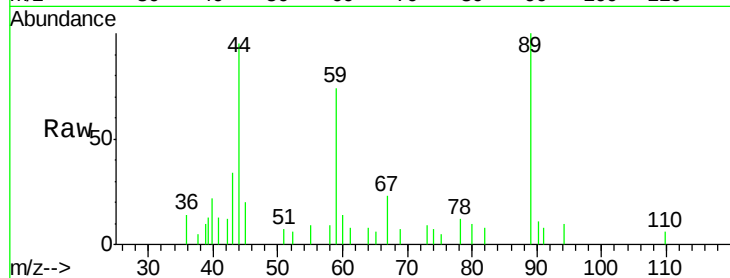


#11

Tert butyl alcohol
 Concen: 2.13 ug/l
 RT: 3.02 min Scan# 399
 Delta R.T. -0.07 min
 Lab File: VX001703.D
 Acq: 13 May 2018 07:45

Instrument :
 MSVOA_X
 ClientSampleId :
 PB109200ZHE#19

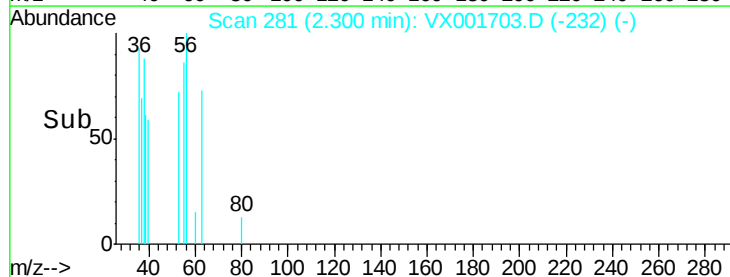
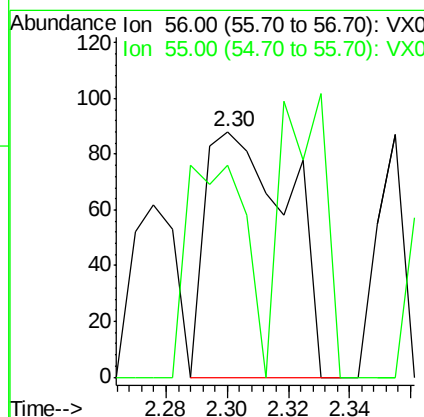
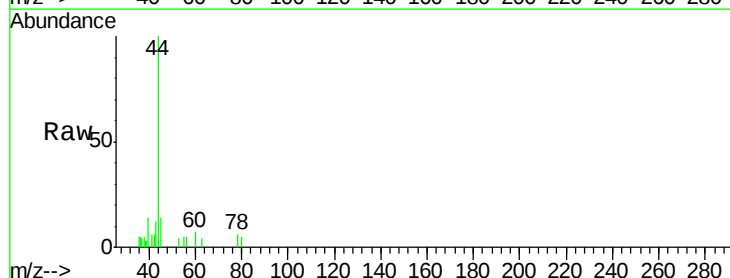
Tgt Ion: 59 Resp: 1789
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.4#

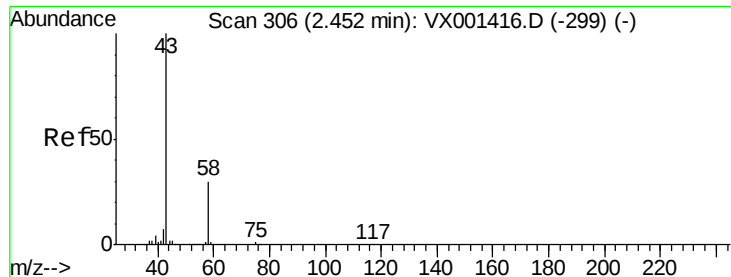


#13

Acrolein
 Concen: Below Cal
 RT: 2.30 min Scan# 281
 Delta R.T. 0.00 min
 Lab File: VX001703.D
 Acq: 13 May 2018 07:45

Tgt Ion: 56 Resp: 166
 Ion Ratio Lower Upper
 56 100
 55 0.0 54.5 81.7#





#16

Acetone

Concen: 4.06 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX001703.D

Acq: 13 May 2018 07:45

Instrument :

MSVOA_X

ClientSampleId :

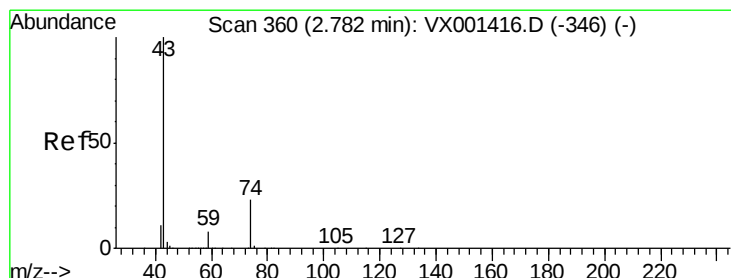
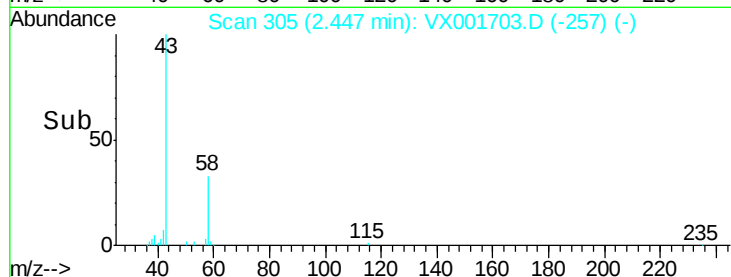
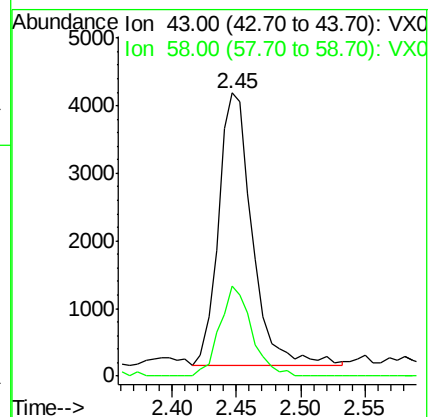
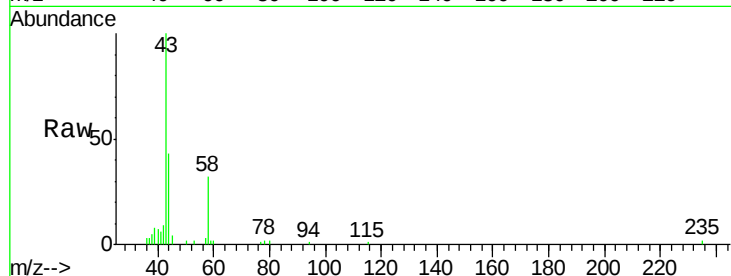
PB109200ZHE#19

Tgt Ion: 43 Resp: 7348

Ion Ratio Lower Upper

43 100

58 33.1 23.8 35.8



#18

Methyl Acetate

Concen: 4.77 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX001703.D

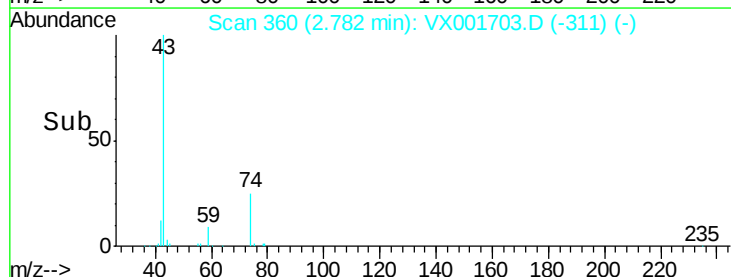
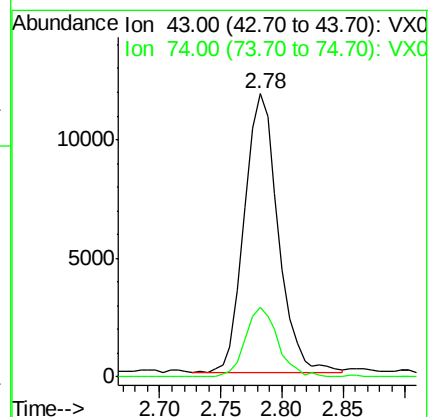
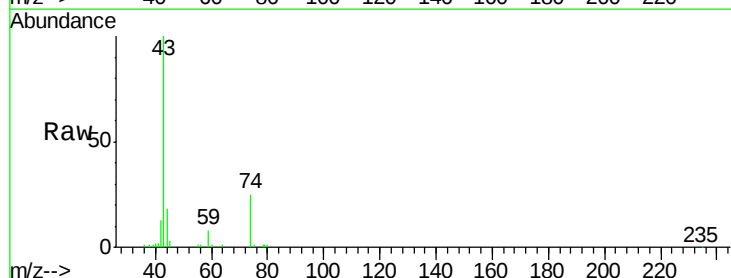
Acq: 13 May 2018 07:45

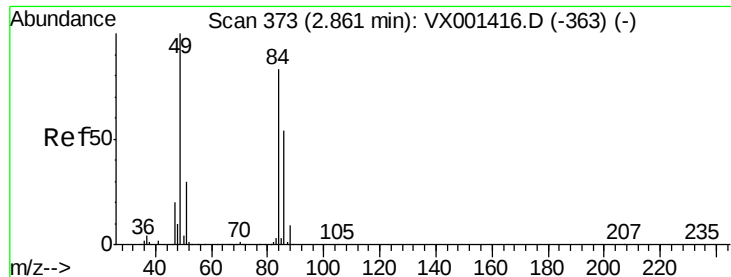
Tgt Ion: 43 Resp: 22706

Ion Ratio Lower Upper

43 100

74 24.0 18.6 27.8





#20

Methylene Chloride

Concen: 0.75 ug/l

RT: 2.86 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX001703.D

Acq: 13 May 2018 07:45

Instrument :

MSVOA_X

ClientSampleId :

PB109200ZHE#19

Tgt Ion: 84 Resp: 2675

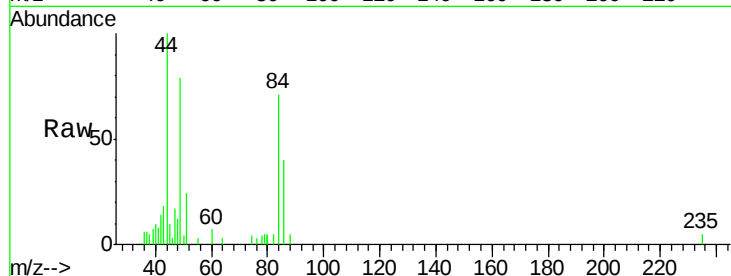
Ion Ratio Lower Upper

84 100

49 110.5 96.6 144.8

51 33.7 29.0 43.4

86 55.5 52.2 78.4

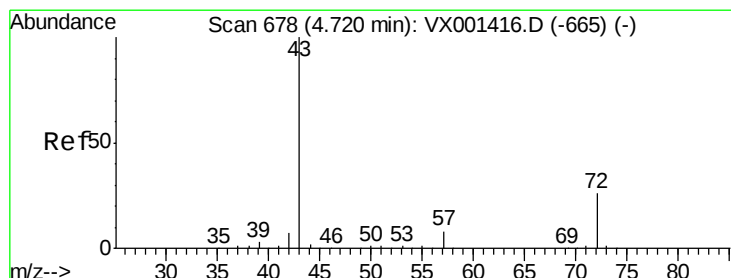
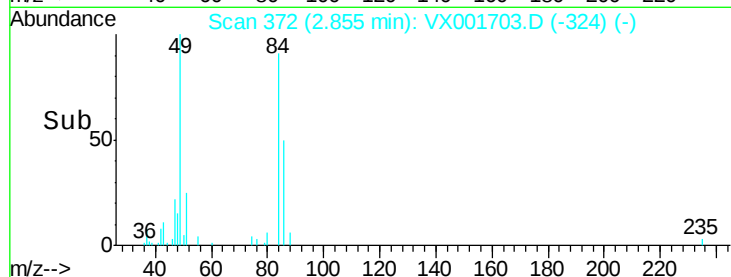
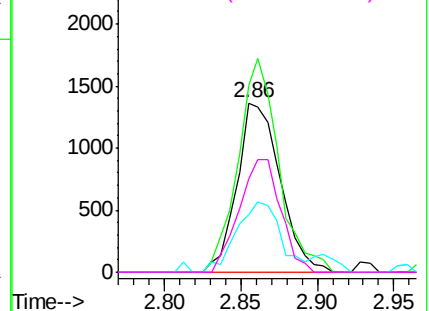


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#25

2-Butanone

Concen: 0.87 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX001703.D

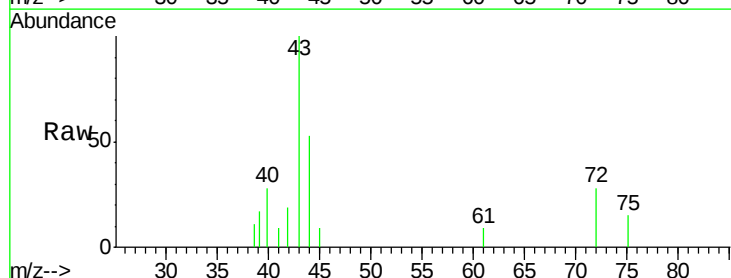
Acq: 13 May 2018 07:45

Tgt Ion: 43 Resp: 2278

Ion Ratio Lower Upper

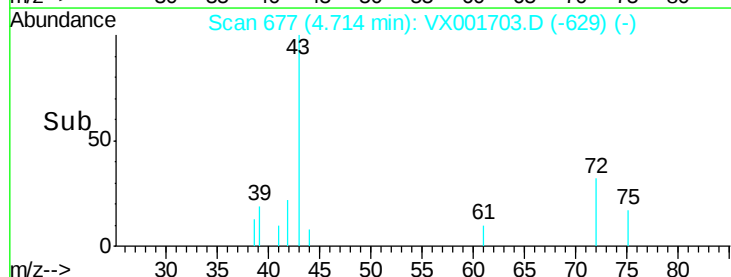
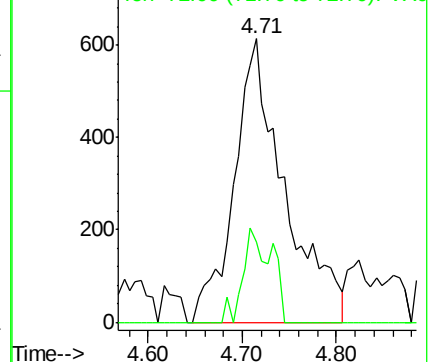
43 100

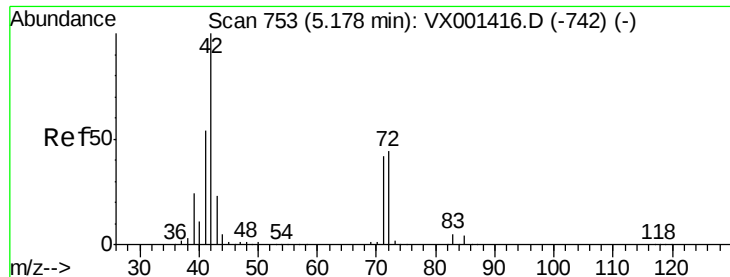
72 28.1 20.7 31.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#29

Tetrahydrofuran

Concen: 0.46 ug/l

RT: 5.19 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX001703.D

Acq: 13 May 2018 07:45

Instrument :

MSVOA_X

ClientSampleId :

PB109200ZHE#19

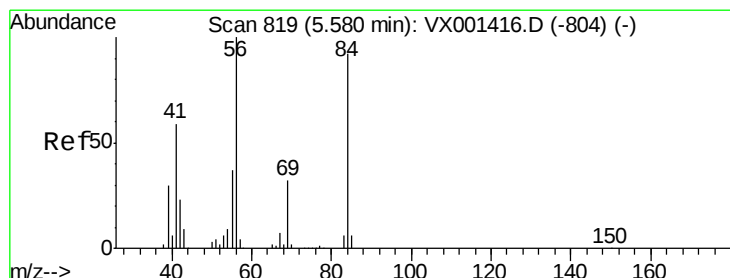
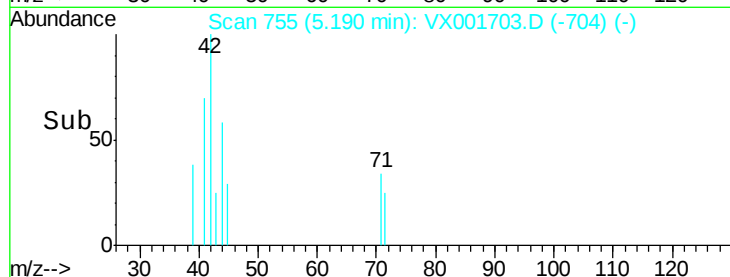
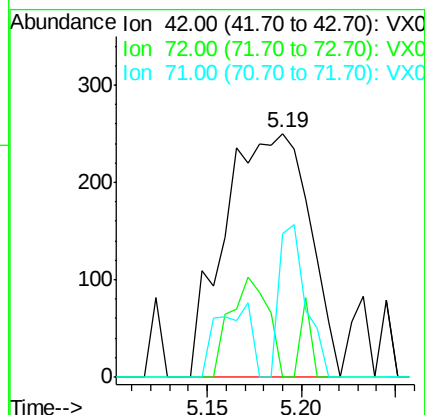
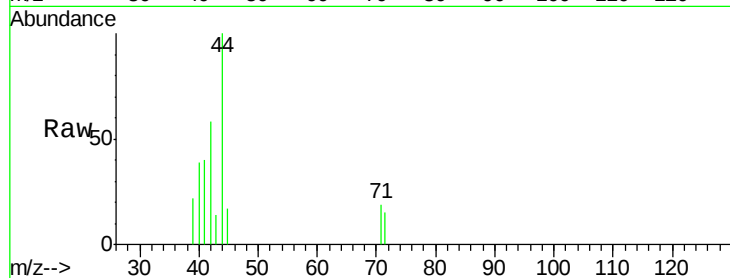
Tgt Ion: 42 Resp: 777

Ion Ratio Lower Upper

42 100

72 3.9 35.4 53.2#

71 19.8 33.0 49.4#



#31

Cyclohexane

Concen: 0.88 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.09 min

Lab File: VX001703.D

Acq: 13 May 2018 07:45

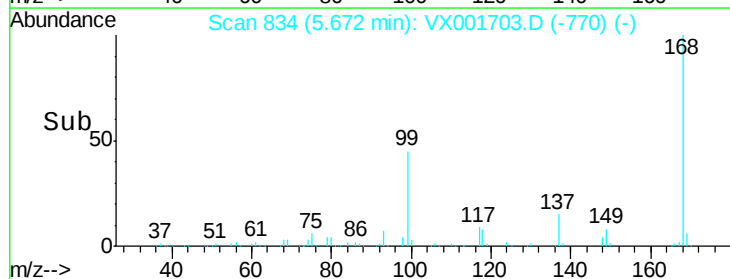
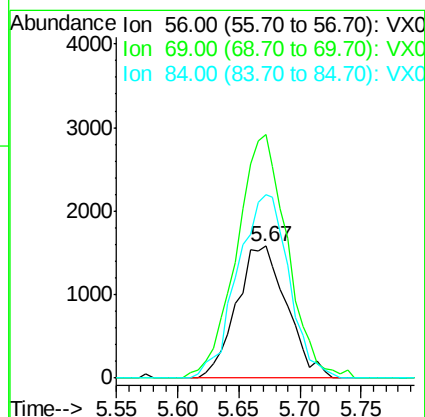
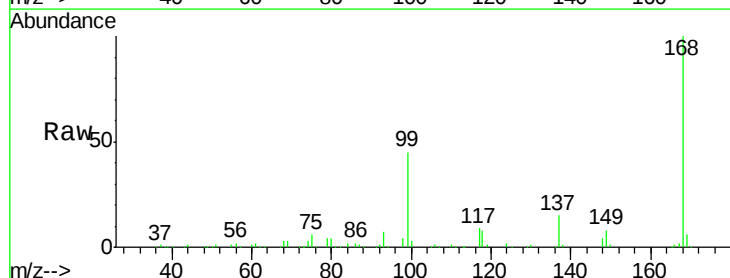
Tgt Ion: 56 Resp: 4513

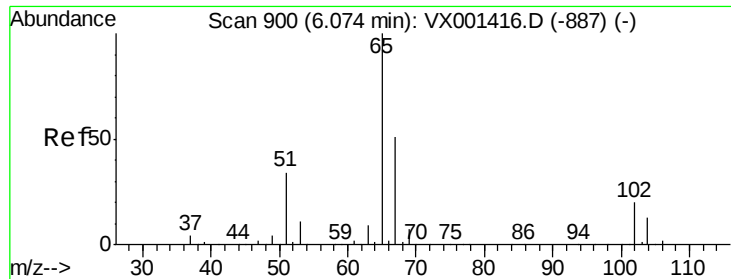
Ion Ratio Lower Upper

56 100

69 180.8 25.4 38.0#

84 138.6 73.8 110.8#

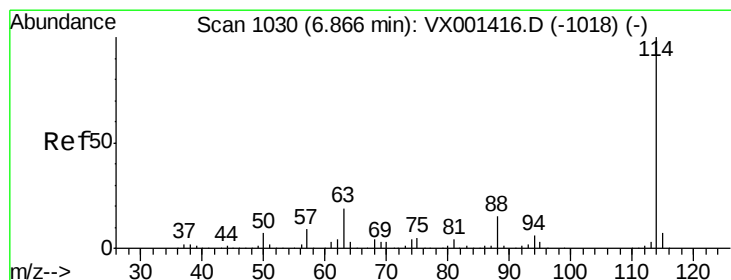
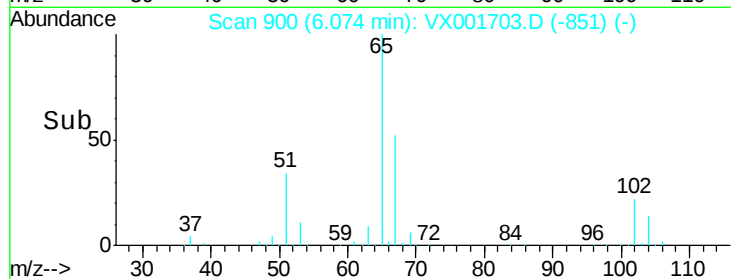
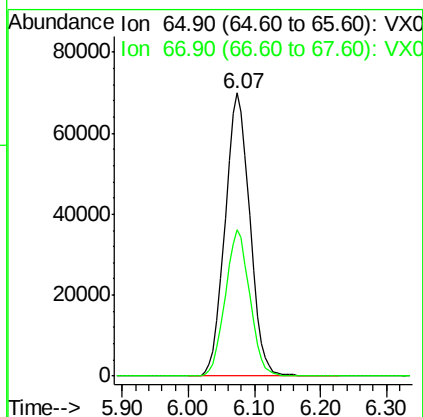
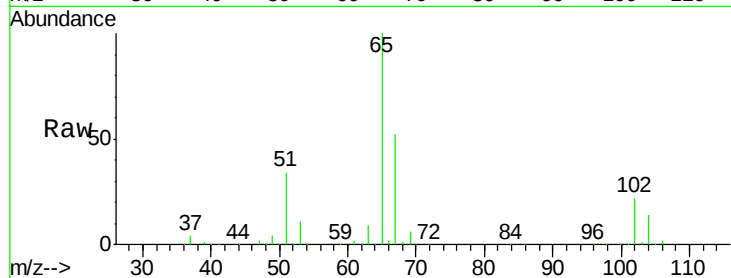




#33
 1,2-Dichloroethane-d4
 Concen: 45.35 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001703.D
 Acq: 13 May 2018 07:45

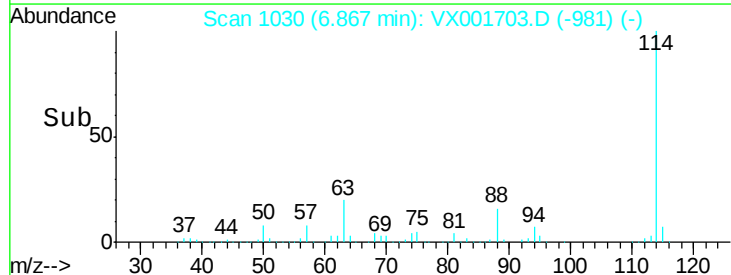
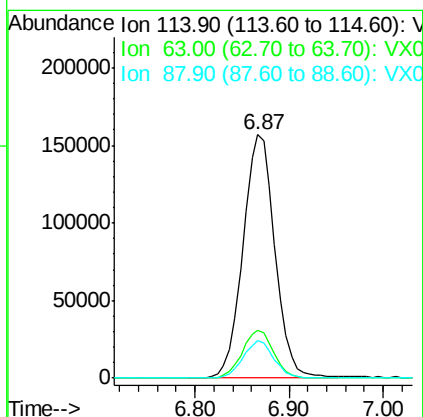
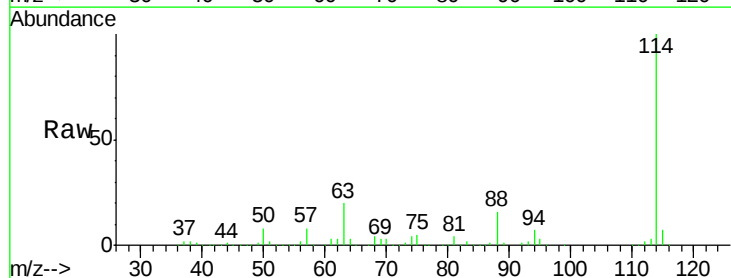
Instrument :
 MSVOA_X
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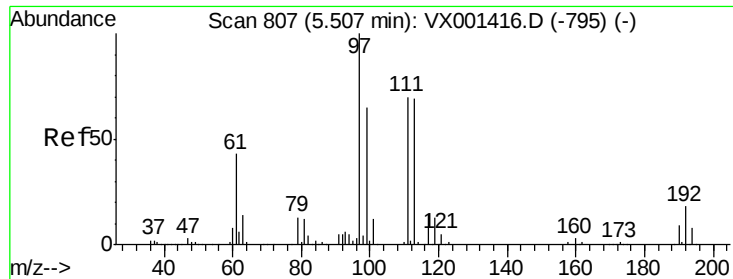
Tgt Ion: 65 Resp: 180955
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001703.D
 Acq: 13 May 2018 07:45

Tgt Ion: 114 Resp: 372549
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 38.6
 88 15.7 0.0 30.8

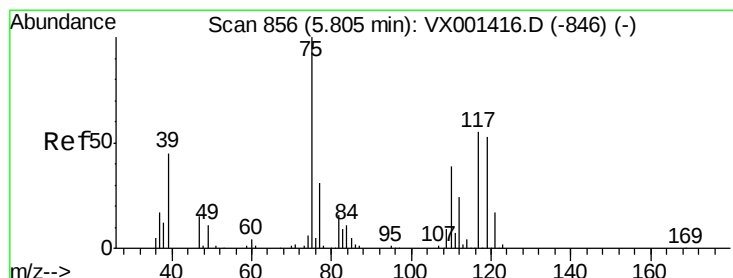
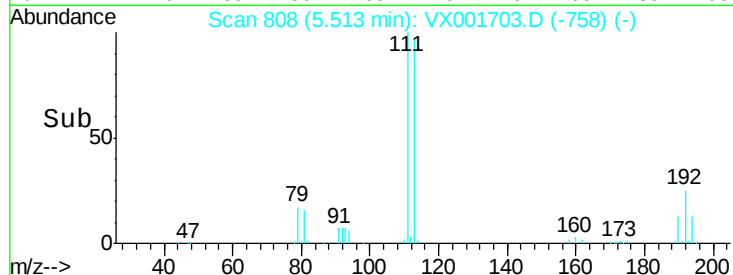
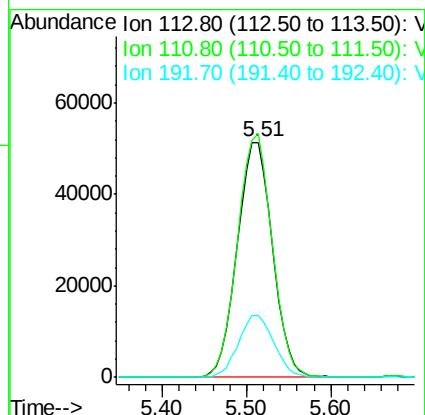
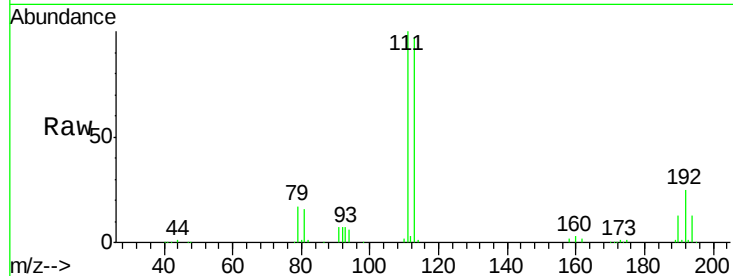




#35
 Dibromofluoromethane
 Concen: 43.98 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX001703.D
 Acq: 13 May 2018 07:45

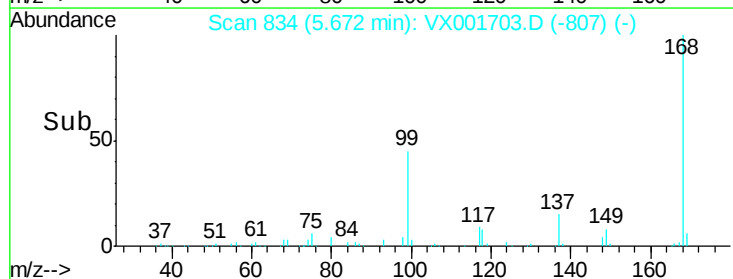
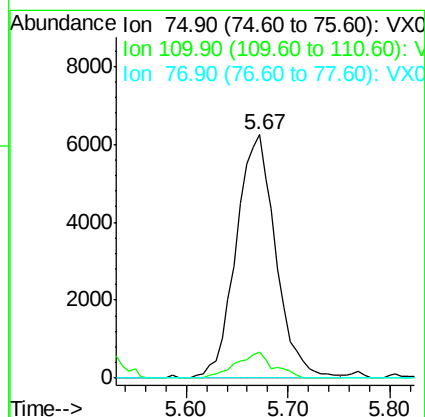
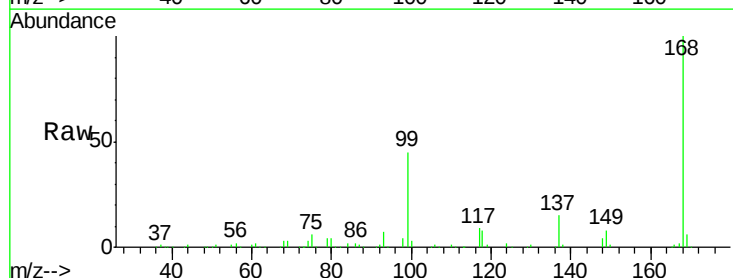
Instrument :
 MSVOA_X
 ClientSampleId :
 PB109200ZHE#19

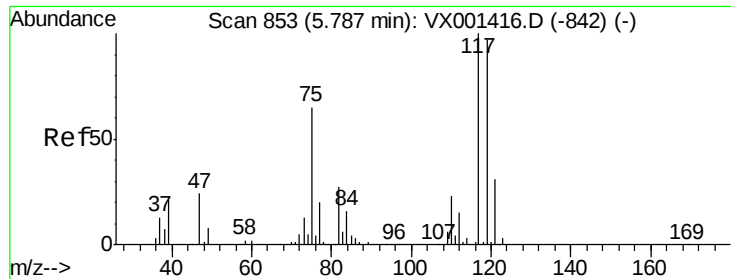
Tgt Ion:113 Resp: 145739
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.2 123.2
 192 26.4 21.4 32.0



#36
 1,1-Dichloropropene
 Concen: 3.55 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.13 min
 Lab File: VX001703.D
 Acq: 13 May 2018 07:45

Tgt Ion: 75 Resp: 16804
 Ion Ratio Lower Upper
 75 100
 110 10.0 18.9 56.7#
 77 0.0 24.9 37.3#

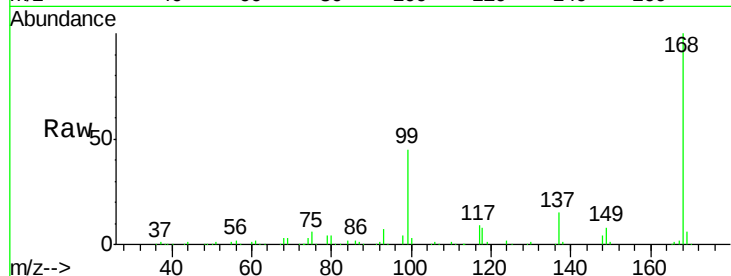




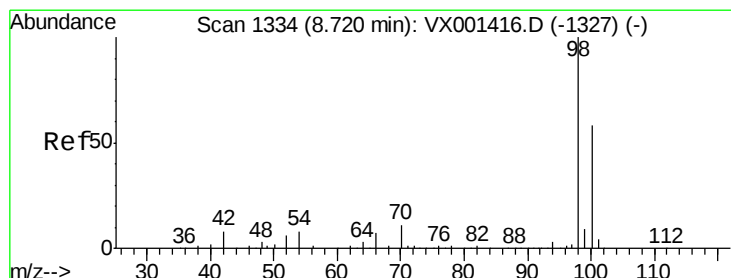
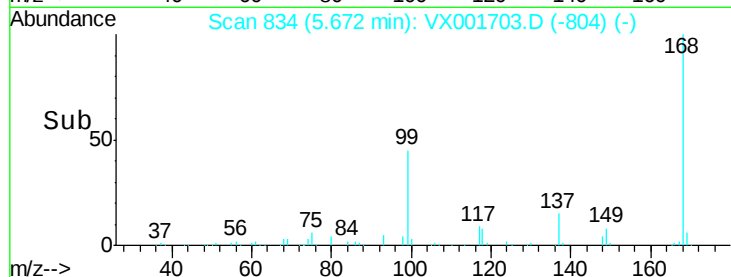
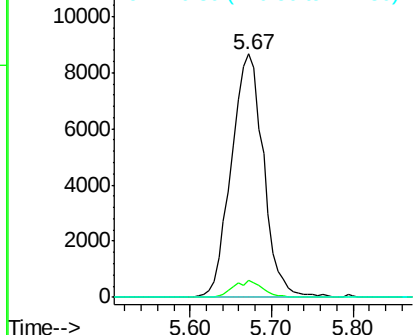
#38
Carbon Tetrachloride
Concen: 4.70 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX001703.D
Acq: 13 May 2018 07:45

Instrument :
MSVOA_X
ClientSampleId :
PB109200ZHE#19

Tgt Ion: 117 Resp: 23751
Ion Ratio Lower Upper
117 100
119 6.8 77.0 115.6#
121 0.0 25.1 37.7#

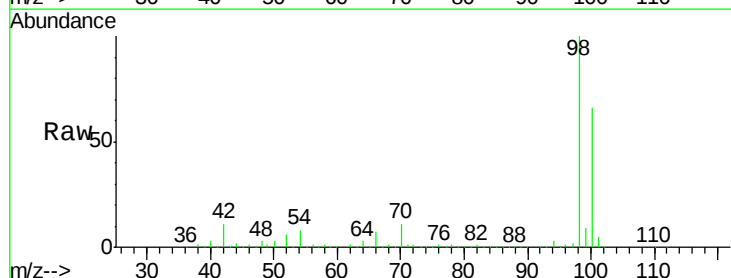


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

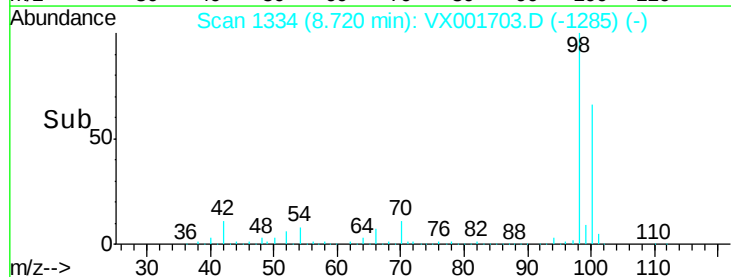
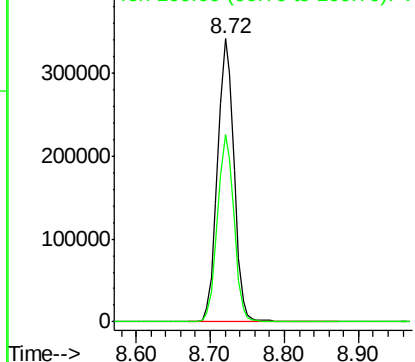


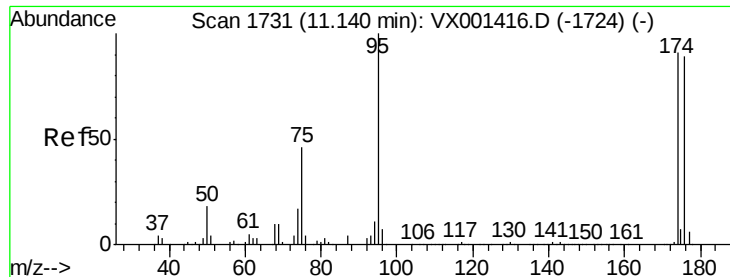
#50
Toluene-d8
Concen: 43.33 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001703.D
Acq: 13 May 2018 07:45

Tgt Ion: 98 Resp: 524117
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

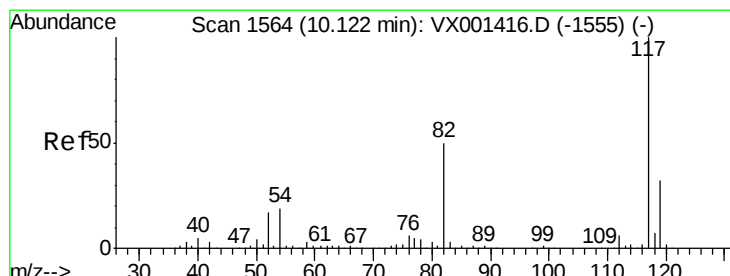
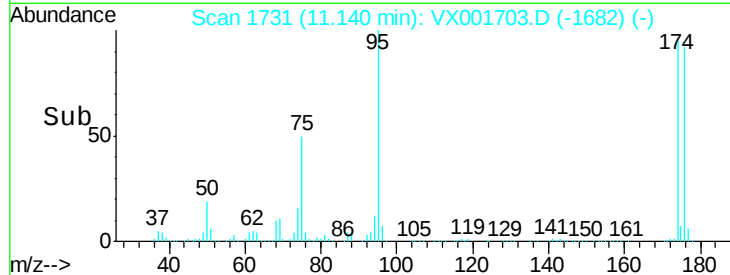
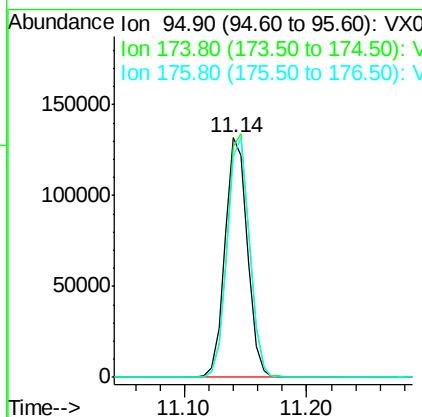
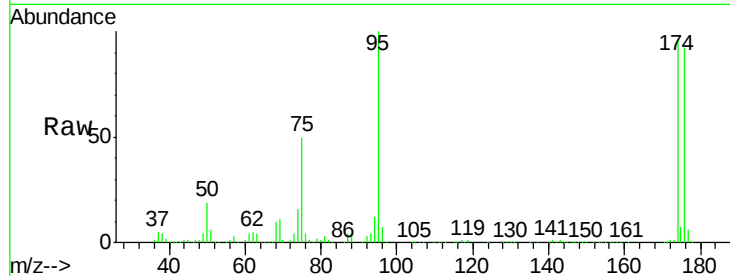




#62
4-Bromofluorobenzene
Concen: 35.63 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001703.D
Acq: 13 May 2018 07:45

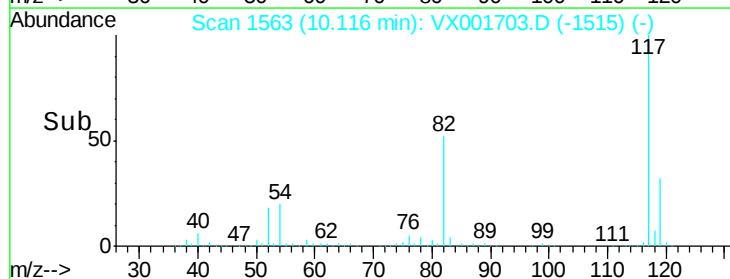
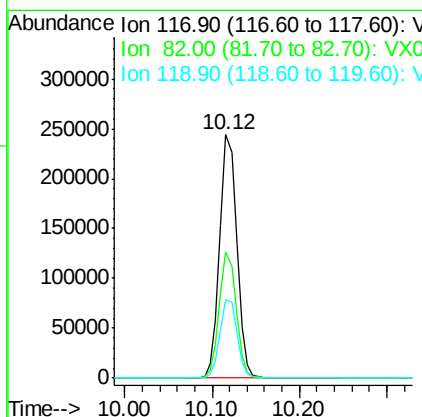
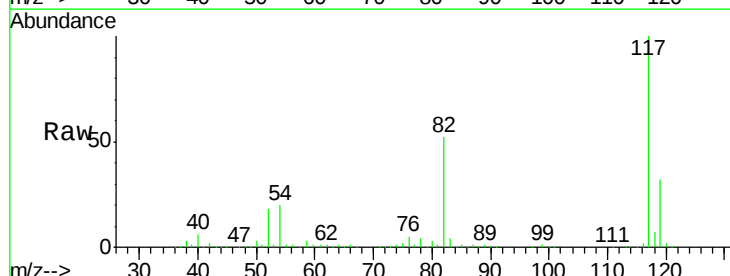
Instrument :
MSVOA_X
ClientSampleId :
PB109200ZHE#19

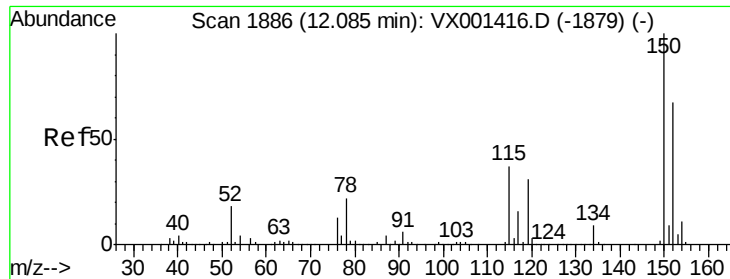
Tgt Ion: 95 Resp: 165430
Ion Ratio Lower Upper
95 100
174 102.0 0.0 202.0
176 99.4 0.0 197.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001703.D
Acq: 13 May 2018 07:45

Tgt Ion: 117 Resp: 331230
Ion Ratio Lower Upper
117 100
82 51.8 40.0 60.0
119 32.1 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: VX001703.D

Acq: 13 May 2018 07:45

Instrument :

MSVOA_X

ClientSampleId :

PB109200ZHE#19

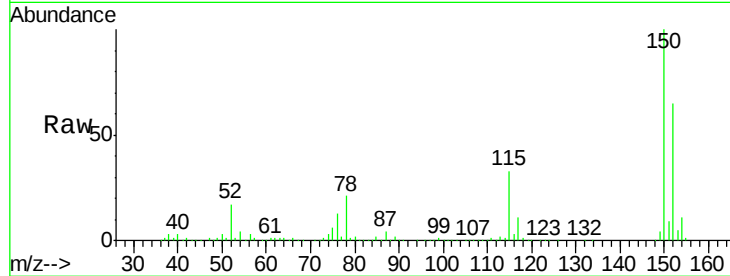
Tgt Ion:152 Resp: 179212

Ion Ratio Lower Upper

152 100

115 52.0 37.7 113.1

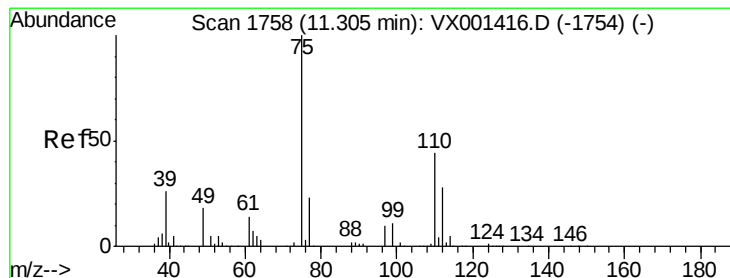
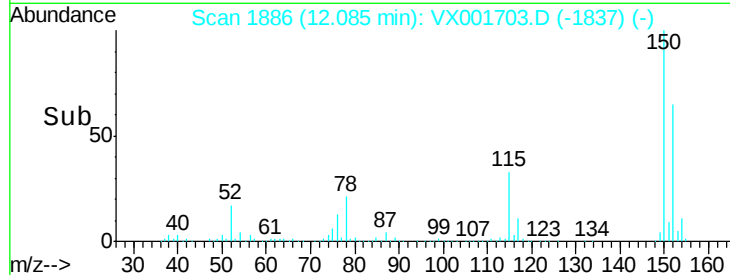
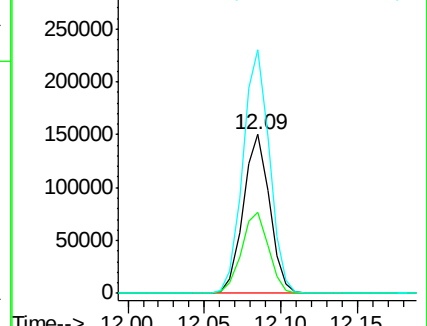
150 154.7 0.0 349.4



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: 22.10 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001703.D

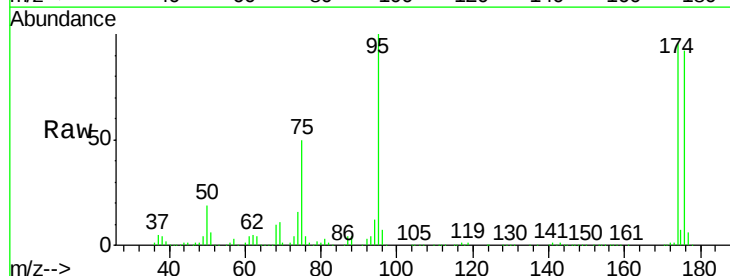
Acq: 13 May 2018 07:45

Tgt Ion: 75 Resp: 80320

Ion Ratio Lower Upper

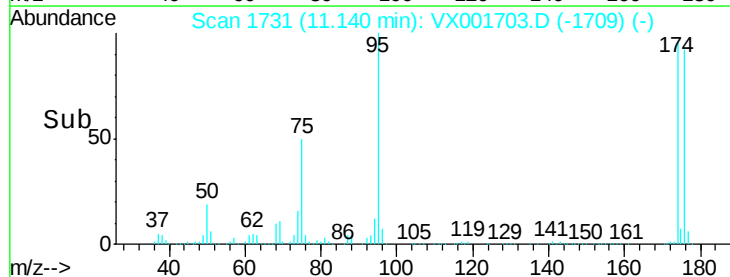
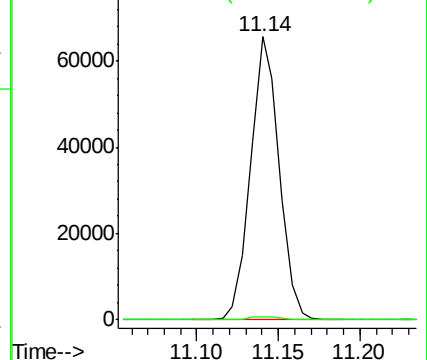
75 100

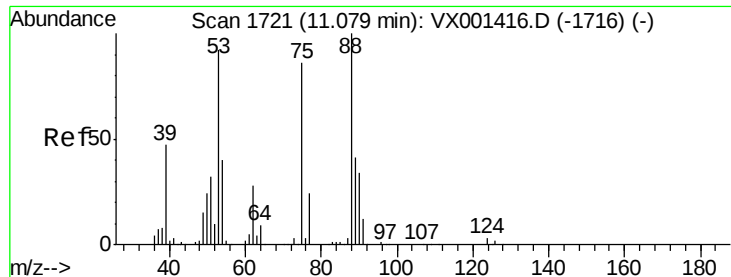
77 1.3 19.6 58.7#



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: 68.70 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX001703.D

Acq: 13 May 2018 07:45

Instrument :

MSVOA_X

ClientSampleId :

PB109200ZHE#19

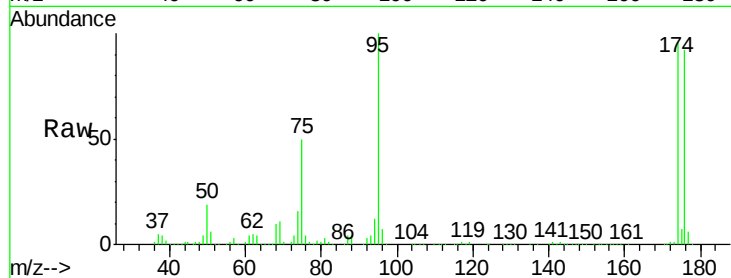
Tgt Ion: 75 Resp: 80320

Ion Ratio Lower Upper

75 100

53 0.2 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

