

Data File : VX001696.D

Acq On : 13 May 2018 04:40

Operator : JC/MD

Sample : PB109200ZHE#12

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB109200ZHE#12

Quant Time: May 14 06:11:45 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	272304	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	367852	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	325014	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	173536	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	177823	45.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.86%	
35) Dibromofluoromethane	5.51	113	143326	43.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.60%	
50) Toluene-d8	8.72	98	513191	42.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.94%	
62) 4-Bromofluorobenzene	11.14	95	163541	35.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.34%	

Target Compounds

						Qvalue
5) Bromomethane	1.66	94	627	Below Cal	#	79
11) Tert butyl alcohol	3.03	59	1811	2.19	ug/l #	72
13) Acrolein	2.29	56	46	Below Cal		99
16) Acetone	2.45	43	7516	4.23	ug/l	98
18) Methyl Acetate	2.78	43	23145	4.96	ug/l	99
20) Methylene Chloride	2.86	84	2667	0.76	ug/l #	89
25) 2-Butanone	4.72	43	1943	0.76	ug/l	94
29) Tetrahydrofuran	5.18	42	814	0.50	ug/l #	76
31) Cyclohexane	5.67	56	4466	0.89	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	16685	3.57	ug/l #	49
38) Carbon Tetrachloride	5.67	117	23342	4.68	ug/l #	15
54) cis-1,3-Dichloropropene	9.06	75	18	2.27	ug/l #	1
76) 1,2,3-Trichloropropane	11.14	75	78587	22.33	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.14	75	78587	69.38	ug/l #	7

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

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ALS Vial : 40 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

PB109200ZHE#12

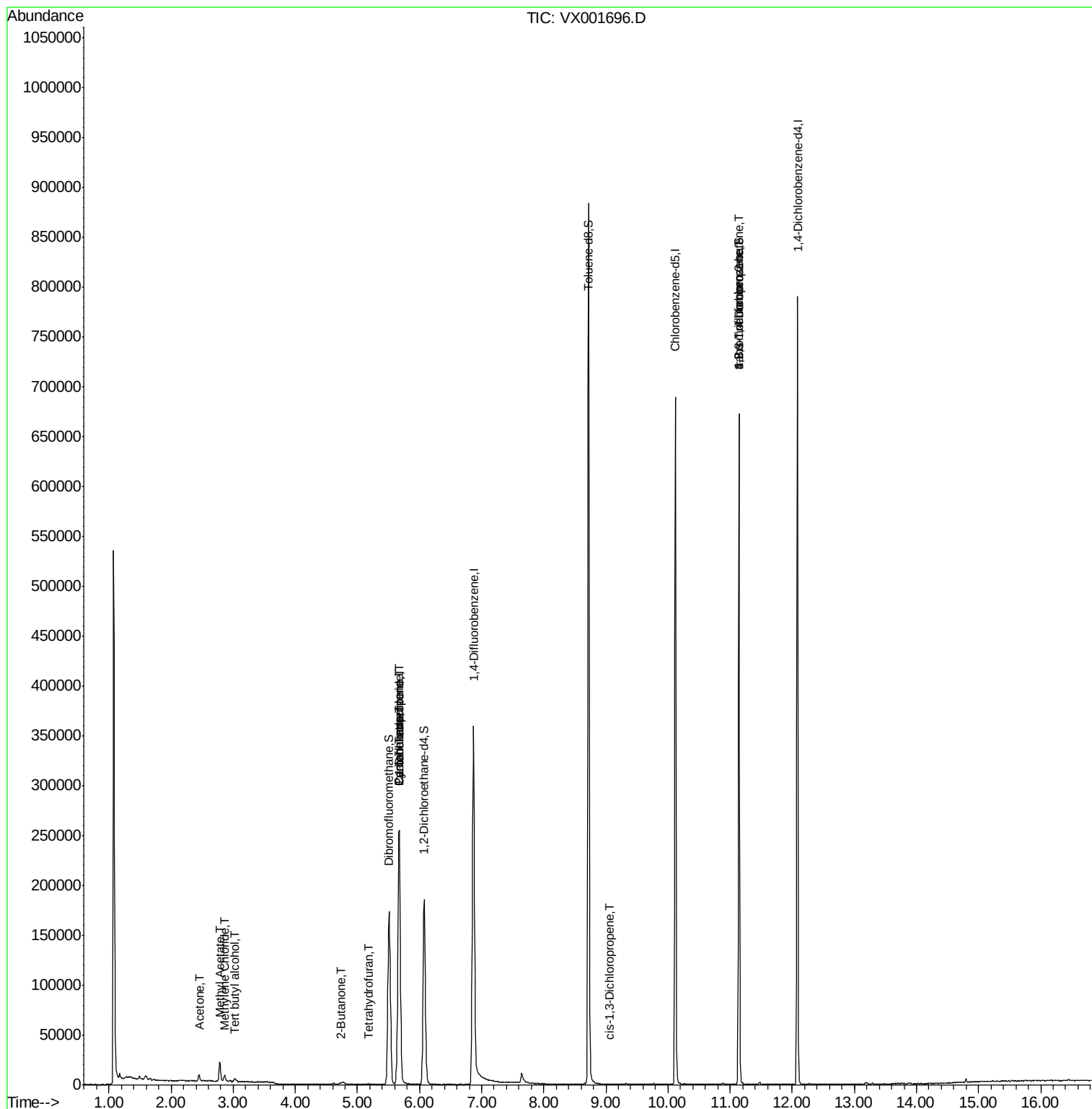
Quant Time: May 14 06:11:45 2018

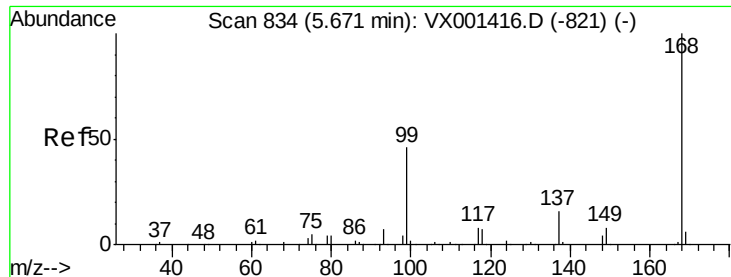
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M

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: VX001696.D

Acq: 13 May 2018 04:40

Instrument :

MSVOA_X

ClientSampleId :

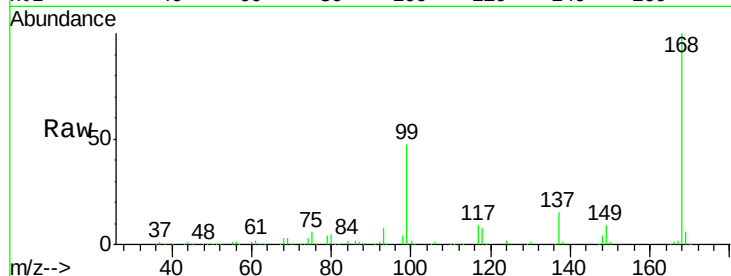
PB109200ZHE#12

Tgt Ion:168 Resp: 272304

Ion Ratio Lower Upper

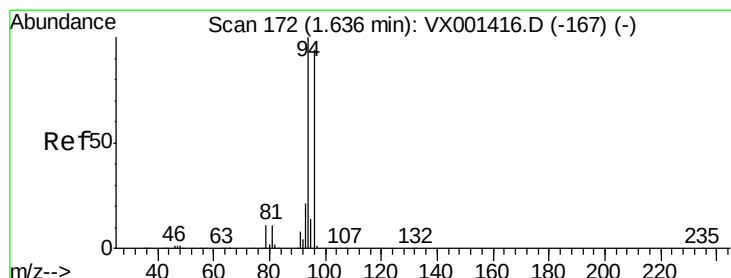
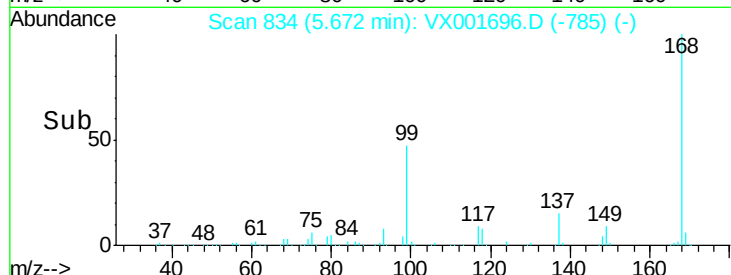
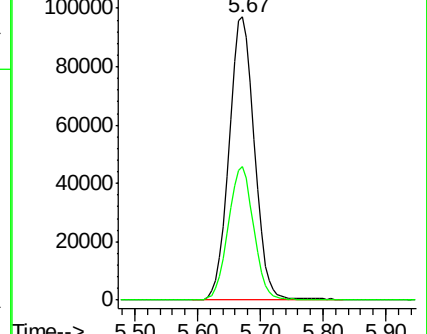
168 100

99 47.0 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: VX001696.D

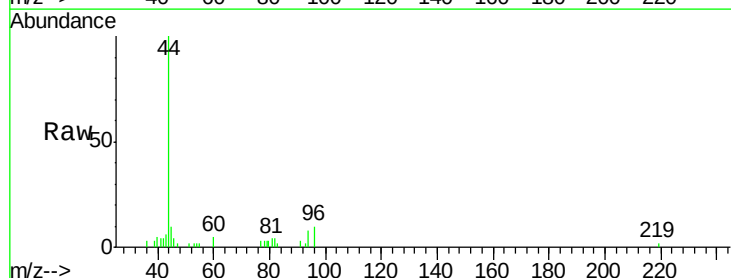
Acq: 13 May 2018 04:40

Tgt Ion: 94 Resp: 627

Ion Ratio Lower Upper

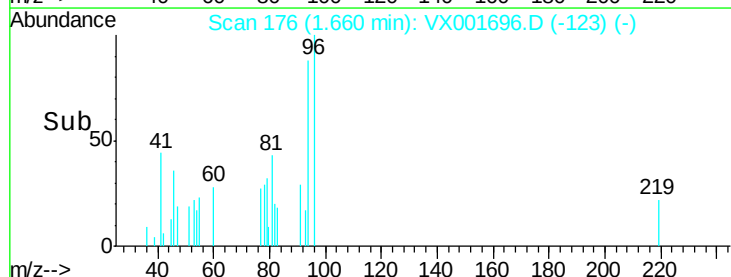
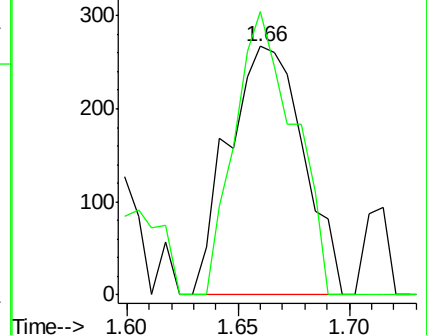
94 100

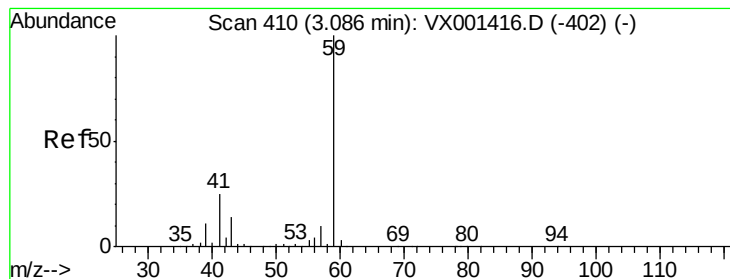
96 113.9 75.0 112.6#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



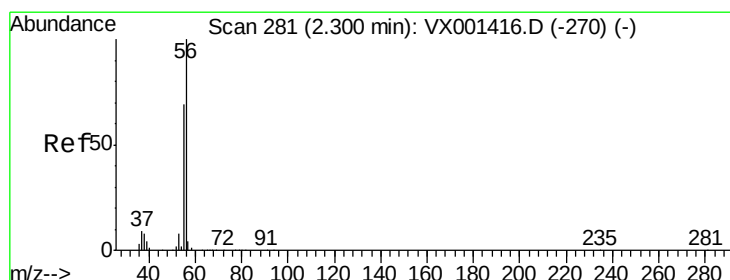
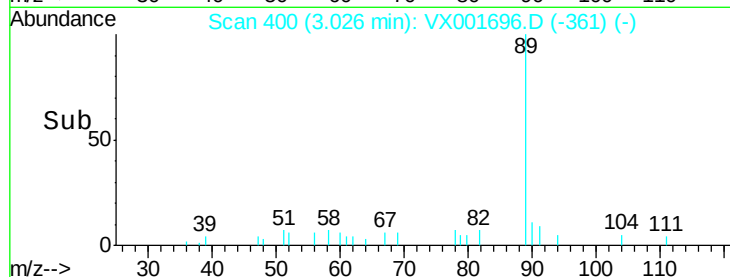
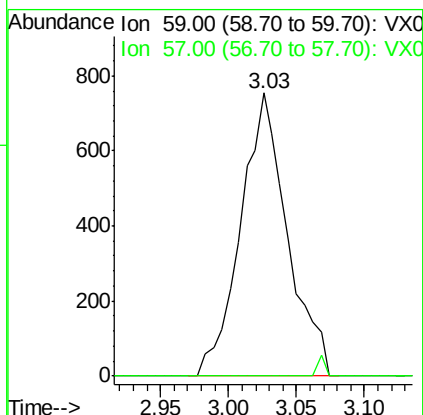
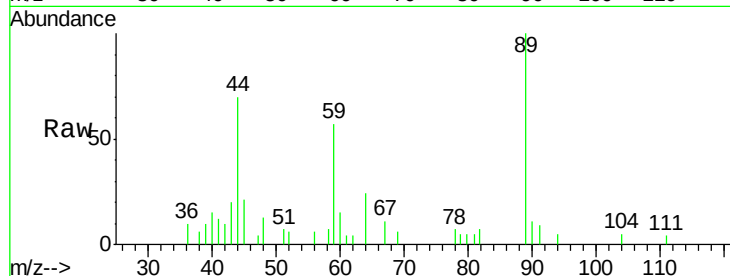


#11

Tert butyl alcohol
 Concen: 2.19 ug/l
 RT: 3.03 min Scan# 400
 Delta R.T. -0.06 min
 Lab File: VX001696.D
 Acq: 13 May 2018 04:40

Instrument :
 MSVOA_X
 ClientSampleId :
 PB109200ZHE#12

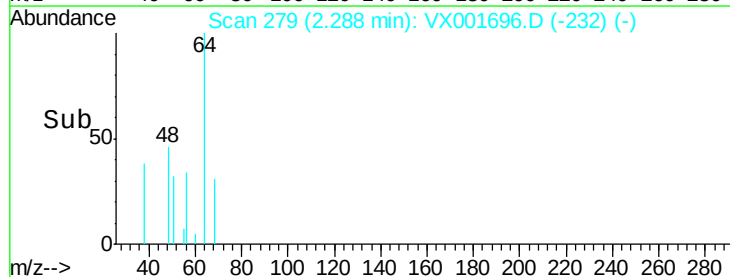
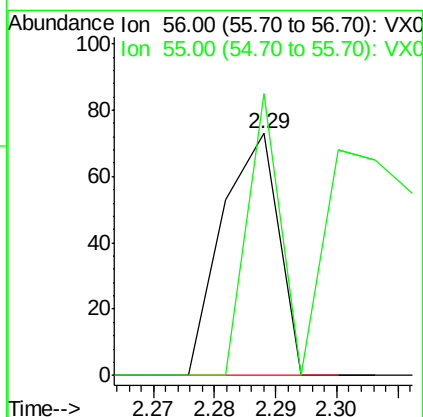
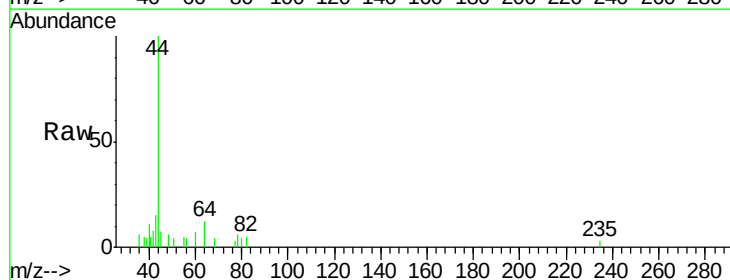
Tgt Ion: 59 Resp: 1811
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.4#

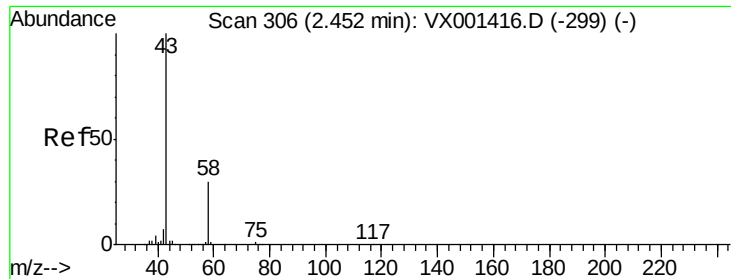


#13

Acrolein
 Concen: Below Cal
 RT: 2.29 min Scan# 279
 Delta R.T. -0.01 min
 Lab File: VX001696.D
 Acq: 13 May 2018 04:40

Tgt Ion: 56 Resp: 46
 Ion Ratio Lower Upper
 56 100
 55 67.4 54.5 81.7





#16

Acetone

Concen: 4.23 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX001696.D

Acq: 13 May 2018 04:40

Instrument :

MSVOA_X

ClientSampleId :

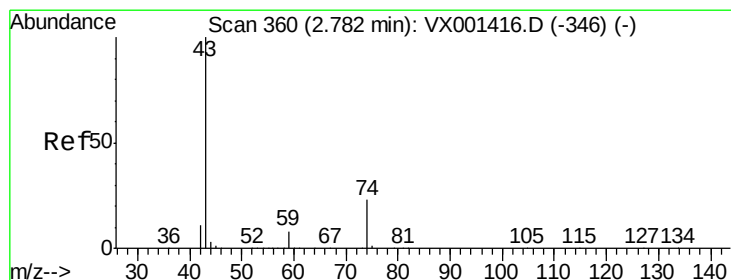
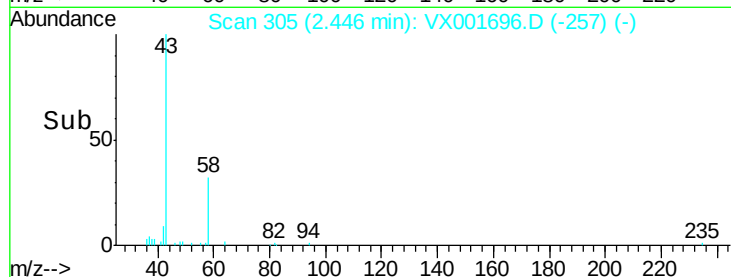
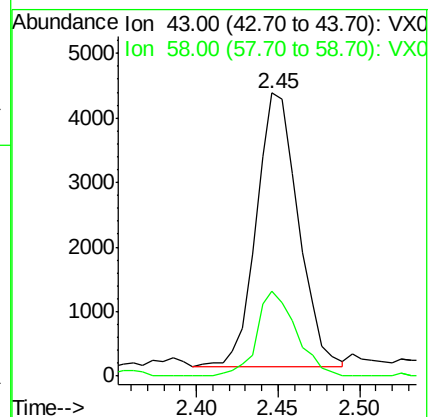
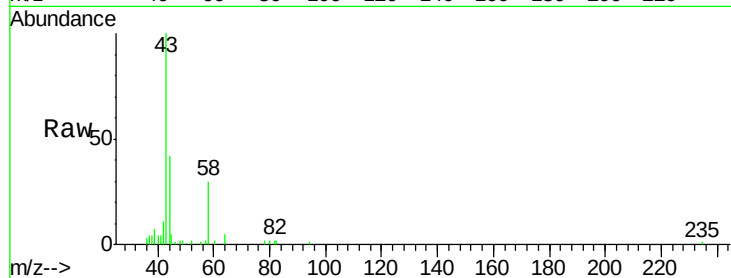
PB109200ZHE#12

Tgt Ion: 43 Resp: 7516

Ion Ratio Lower Upper

43 100

58 31.0 23.8 35.8



#18

Methyl Acetate

Concen: 4.96 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX001696.D

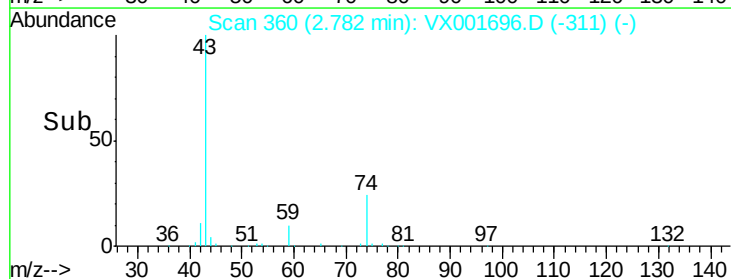
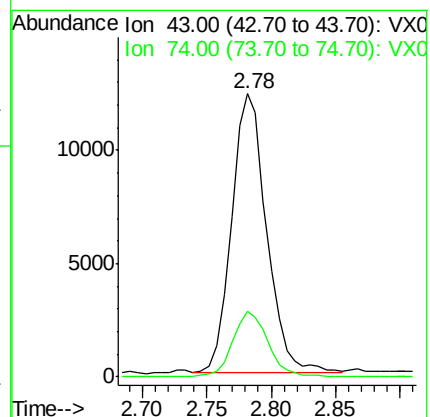
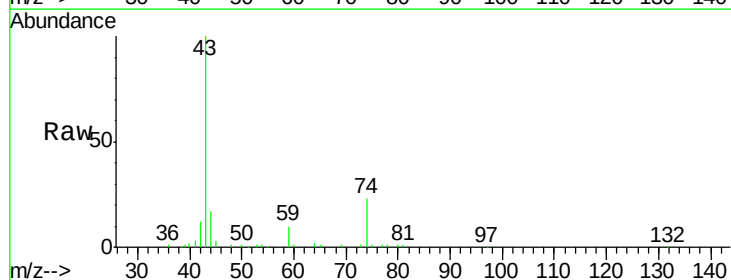
Acq: 13 May 2018 04:40

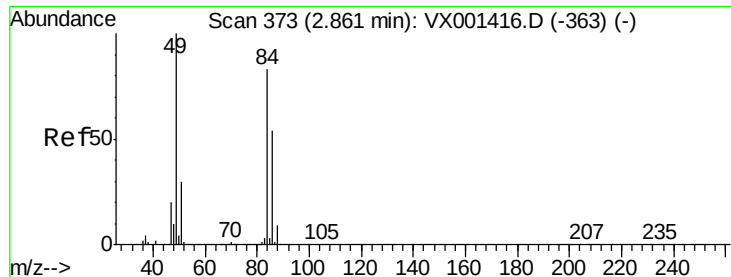
Tgt Ion: 43 Resp: 23145

Ion Ratio Lower Upper

43 100

74 23.5 18.6 27.8





#20

Methylene Chloride

Concen: 0.76 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX001696.D

Acq: 13 May 2018 04:40

Instrument :

MSVOA_X

ClientSampleId :

PB109200ZHE#12

Tgt Ion: 84 Resp: 2667

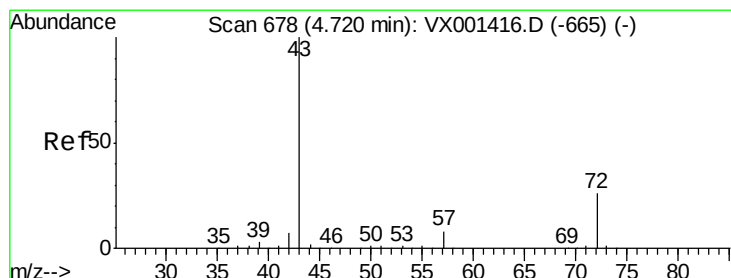
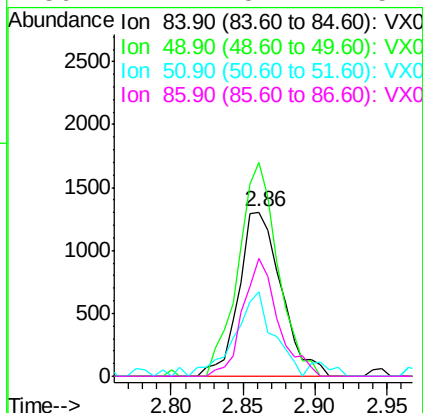
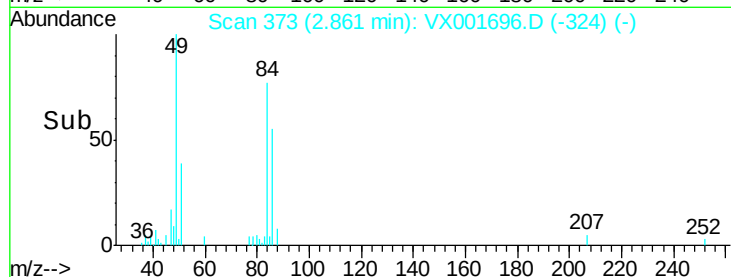
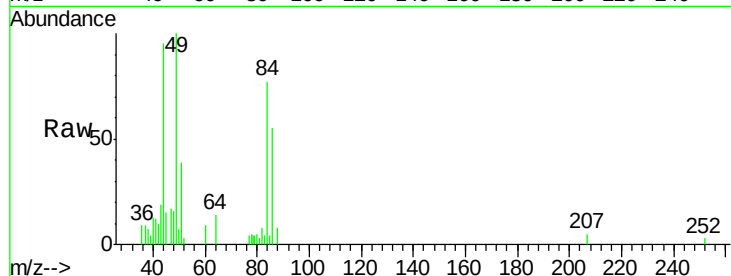
Ion Ratio Lower Upper

84 100

49 129.9 96.6 144.8

51 51.0 29.0 43.4#

86 71.7 52.2 78.4



#25

2-Butanone

Concen: 0.76 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.00 min

Lab File: VX001696.D

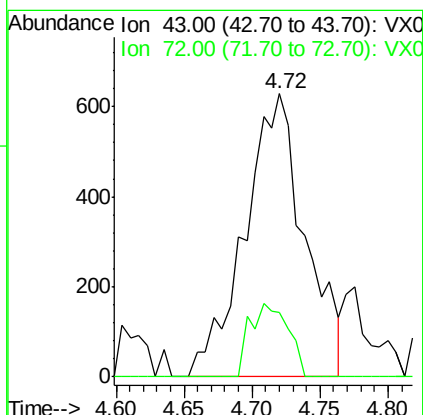
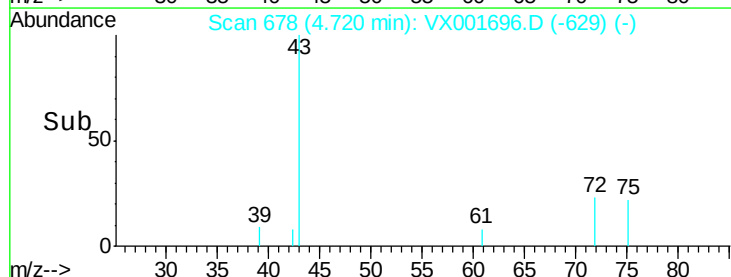
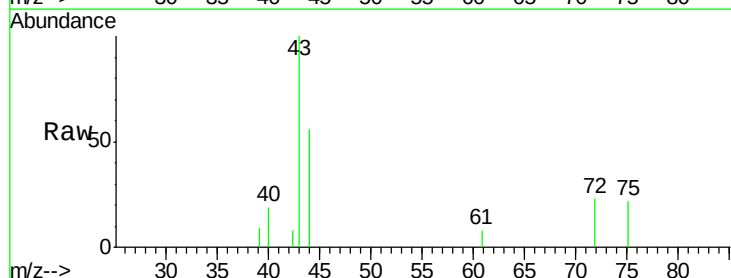
Acq: 13 May 2018 04:40

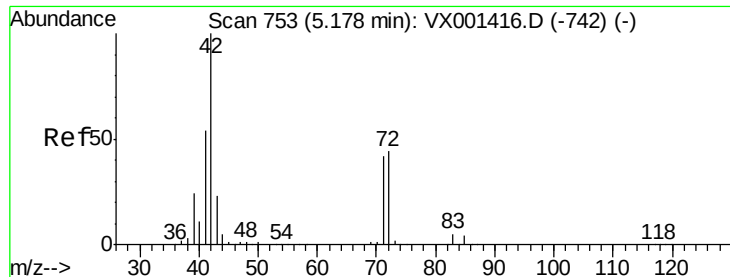
Tgt Ion: 43 Resp: 1943

Ion Ratio Lower Upper

43 100

72 22.9 20.7 31.1





#29

Tetrahydrofuran

Concen: 0.50 ug/l

RT: 5.18 min Scan# 754

Delta R.T. 0.01 min

Lab File: VX001696.D

Acq: 13 May 2018 04:40

Instrument :

MSVOA_X

ClientSampleId :

PB109200ZHE#12

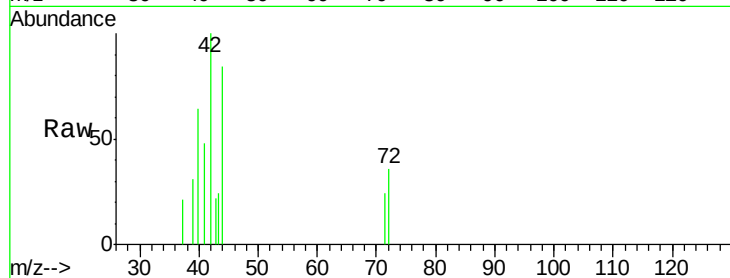
Tgt Ion: 42 Resp: 814

Ion Ratio Lower Upper

42 100

72 29.7 35.4 53.2#

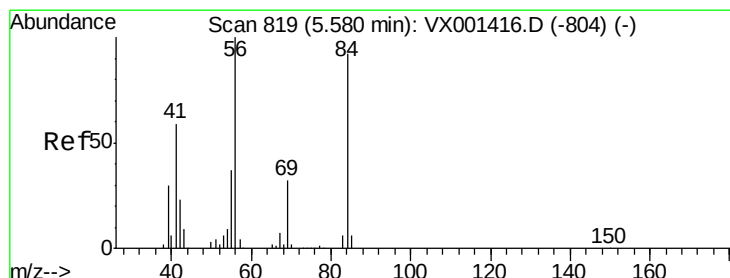
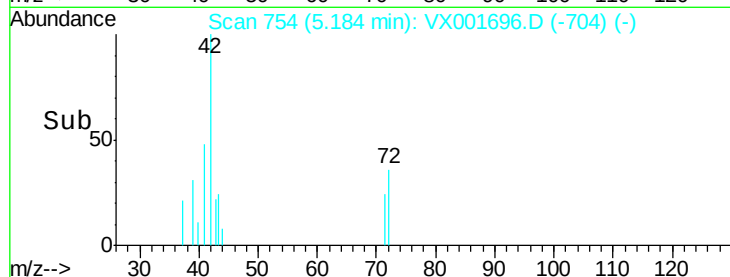
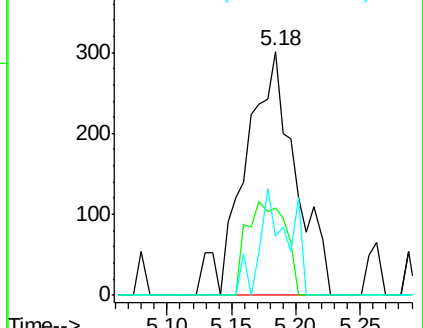
71 25.4 33.0 49.4#



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: 0.89 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.09 min

Lab File: VX001696.D

Acq: 13 May 2018 04:40

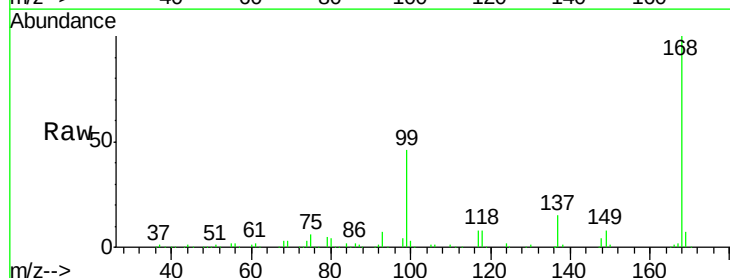
Tgt Ion: 56 Resp: 4466

Ion Ratio Lower Upper

56 100

69 202.0 25.4 38.0#

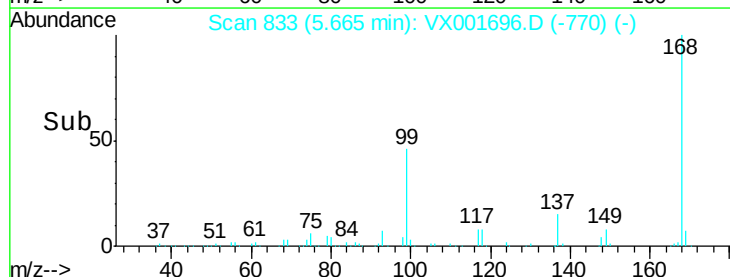
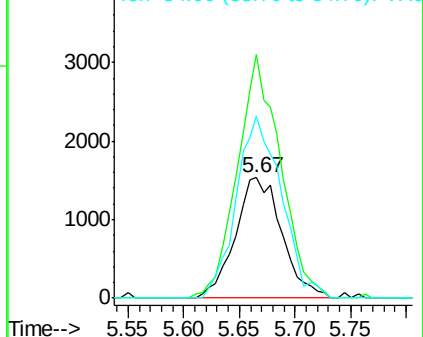
84 151.1 73.8 110.8#

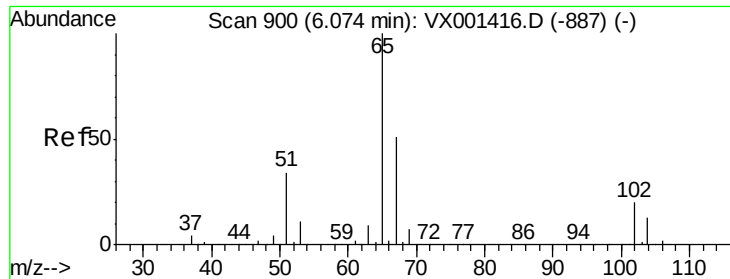


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

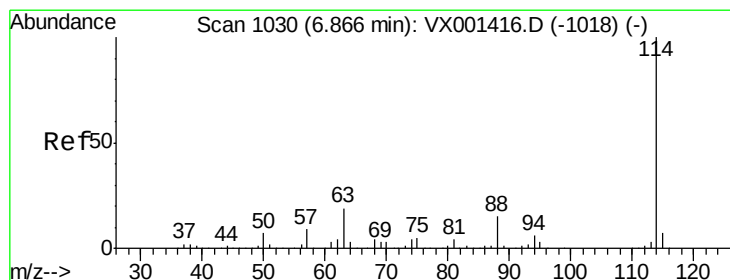
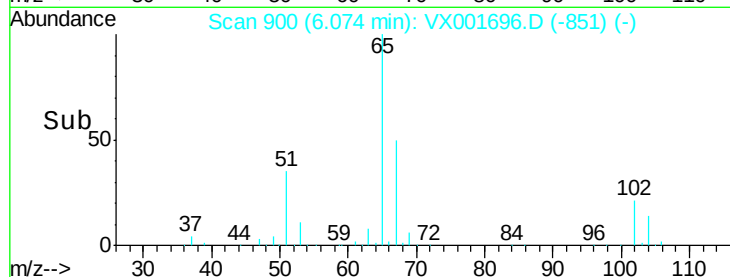
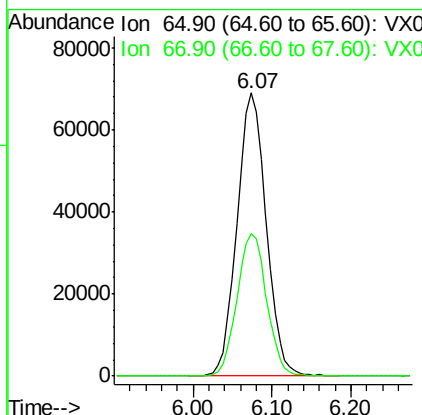
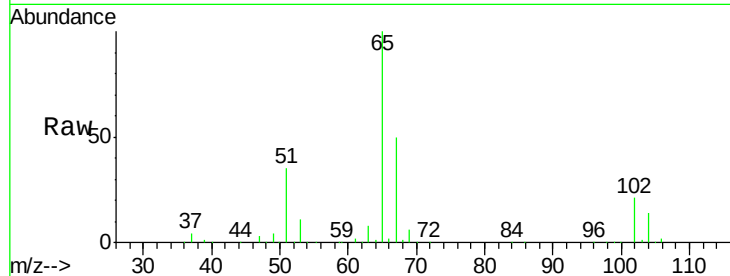




#33
 1,2-Dichloroethane-d4
 Concen: 45.43 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001696.D
 Acq: 13 May 2018 04:40

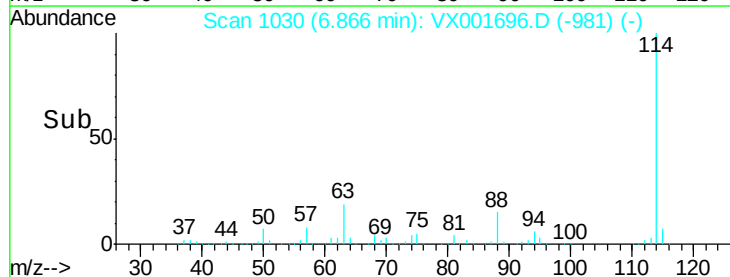
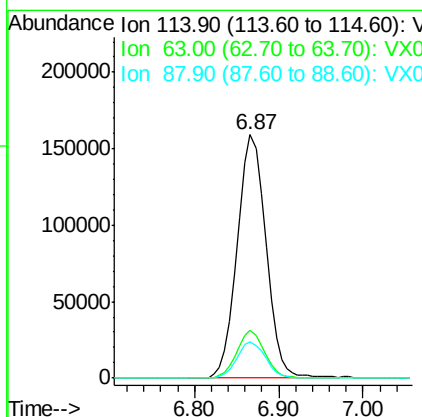
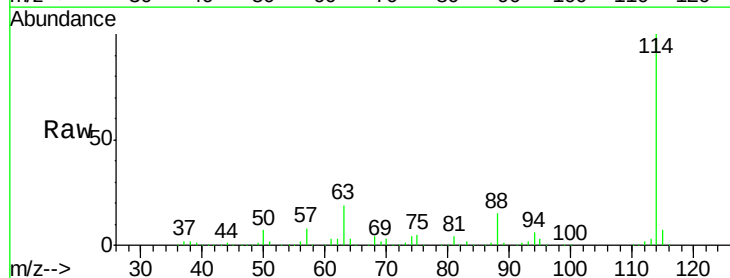
Instrument :
 MSVOA_X
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 PB109200ZHE#12

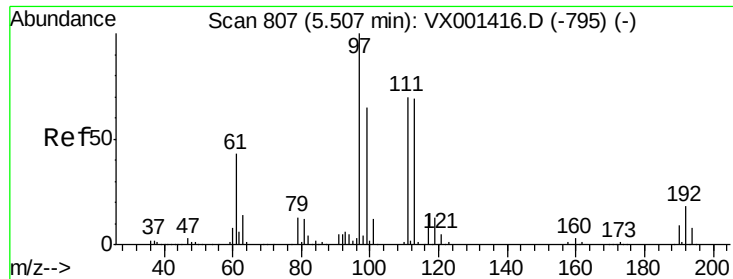
Tgt Ion: 65 Resp: 177823
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001696.D
 Acq: 13 May 2018 04:40

Tgt Ion: 114 Resp: 367852
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.6
 88 14.8 0.0 30.8

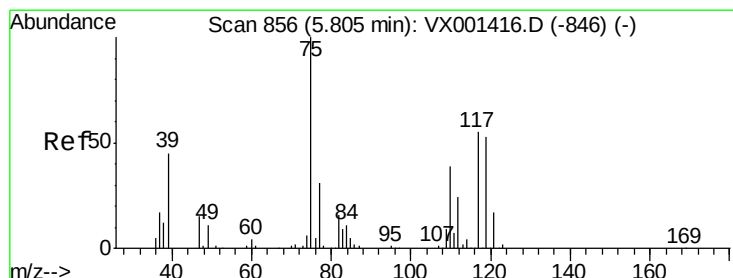
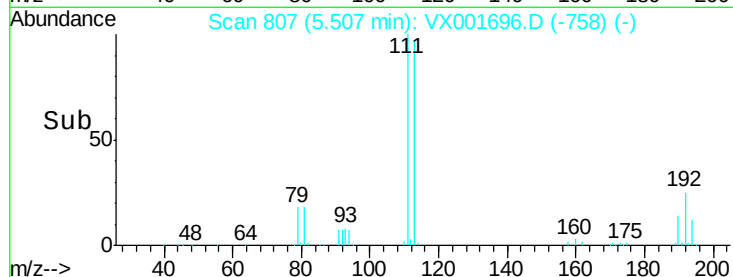
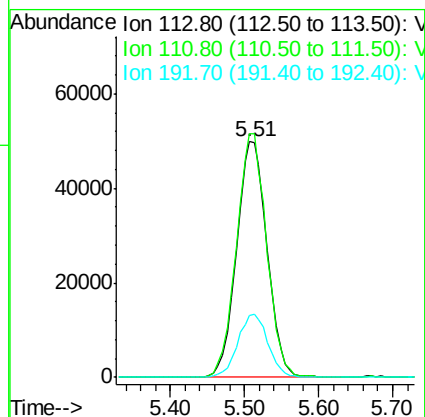
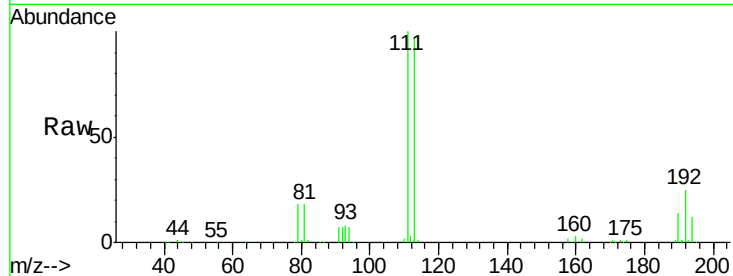




#35
 Dibromofluoromethane
 Concen: 43.80 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX001696.D
 Acq: 13 May 2018 04:40

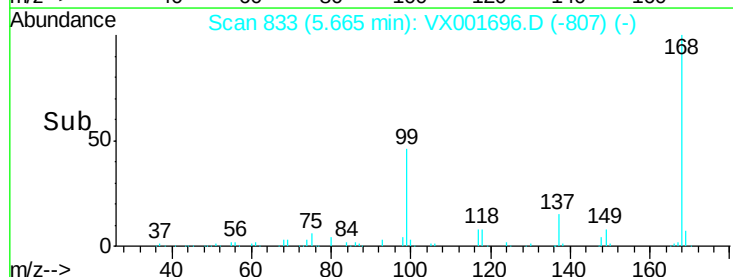
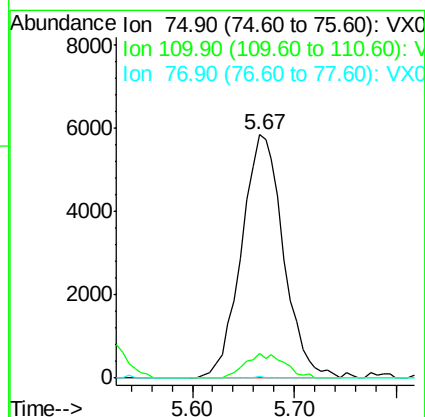
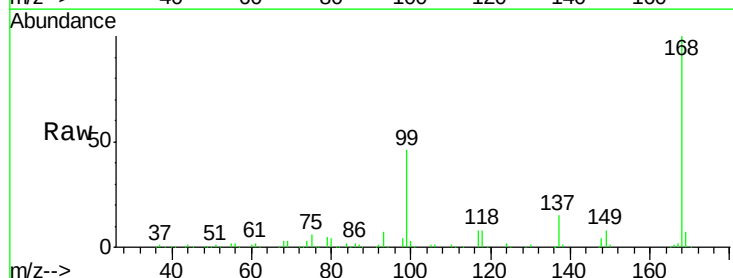
Instrument :
 MSVOA_X
 ClientSampleId :
 PB109200ZHE#12

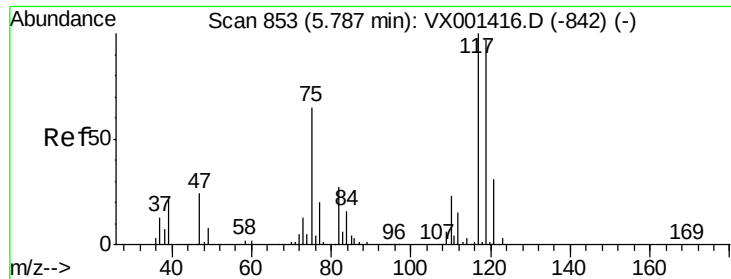
Tgt Ion:113 Resp: 143326
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.2 123.2
 192 26.4 21.4 32.0



#36
 1,1-Dichloropropene
 Concen: 3.57 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.14 min
 Lab File: VX001696.D
 Acq: 13 May 2018 04:40

Tgt Ion: 75 Resp: 16685
 Ion Ratio Lower Upper
 75 100
 110 9.4 18.9 56.7#
 77 0.1 24.9 37.3#





#38

Carbon Tetrachloride

Concen: 4.68 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX001696.D

Acq: 13 May 2018 04:40

Instrument :

MSVOA_X

ClientSampleId :

PB109200ZHE#12

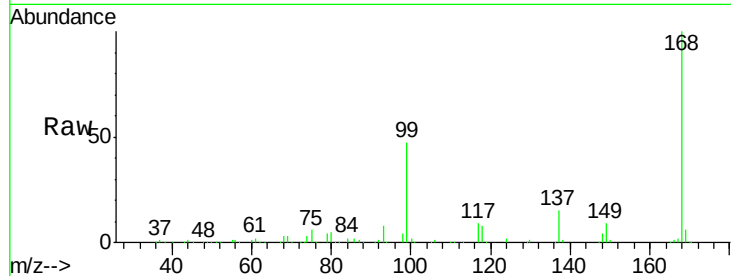
Tgt Ion:117 Resp: 23342

Ion Ratio Lower Upper

117 100

119 4.7 77.0 115.6#

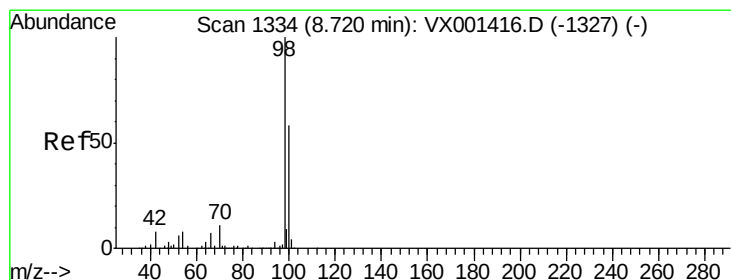
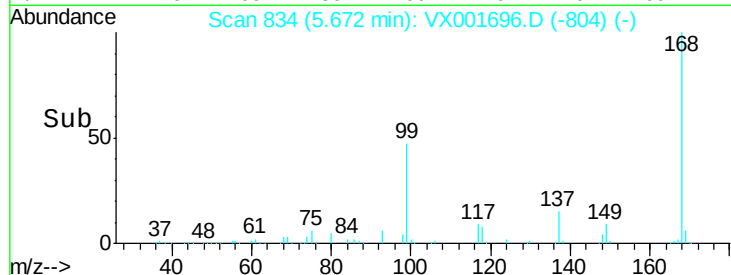
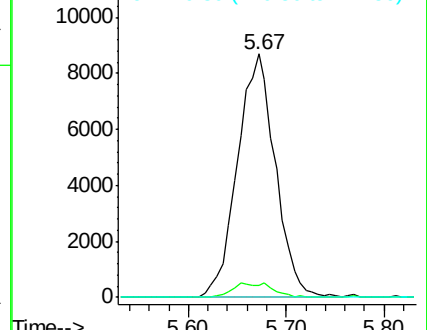
121 0.0 25.1 37.7#



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: 42.97 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001696.D

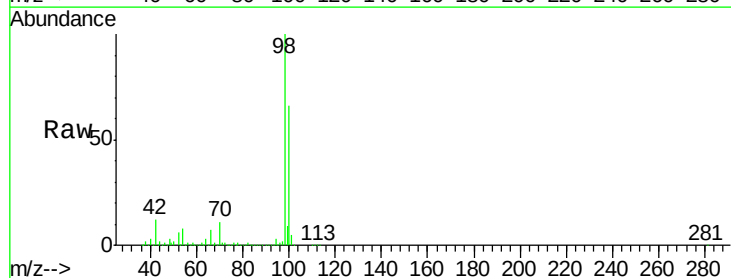
Acq: 13 May 2018 04:40

Tgt Ion: 98 Resp: 513191

Ion Ratio Lower Upper

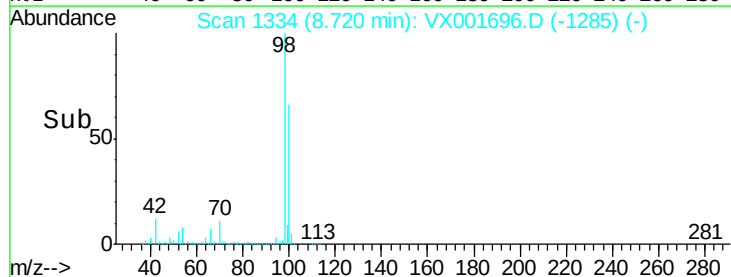
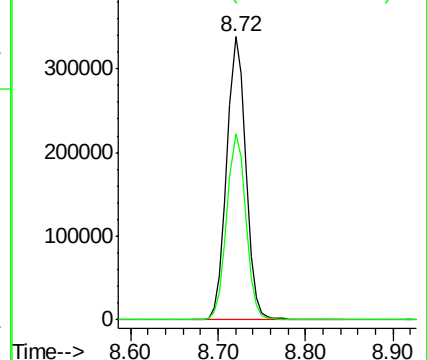
98 100

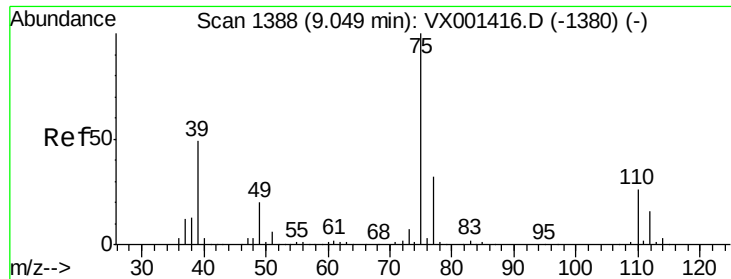
100 66.0 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

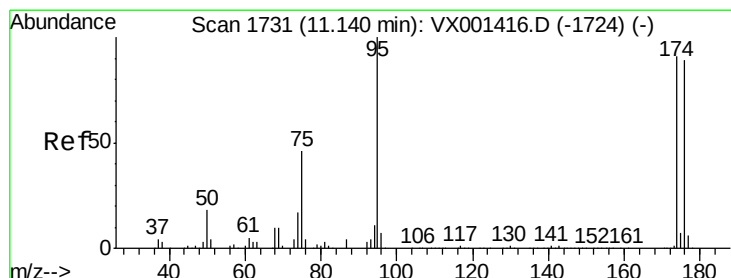
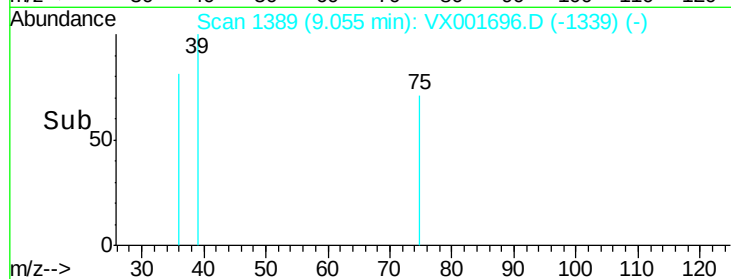
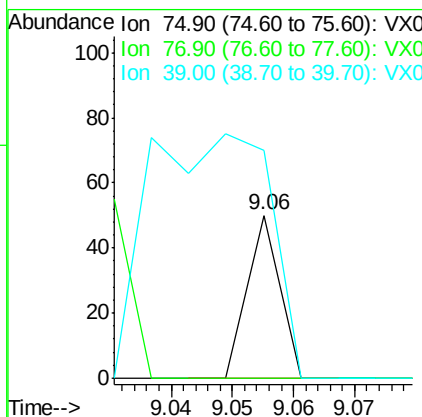
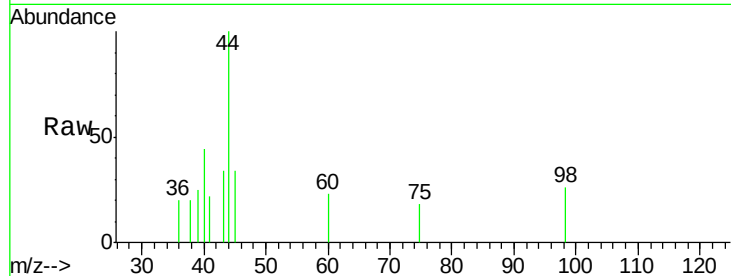




#54
 cis-1,3-Dichloropropene
 Concen: 2.27 ug/l
 RT: 9.06 min Scan# 1389
 Delta R.T. 0.01 min
 Lab File: VX001696.D
 Acq: 13 May 2018 04:40

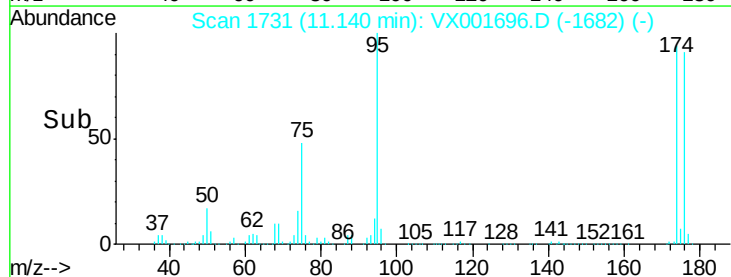
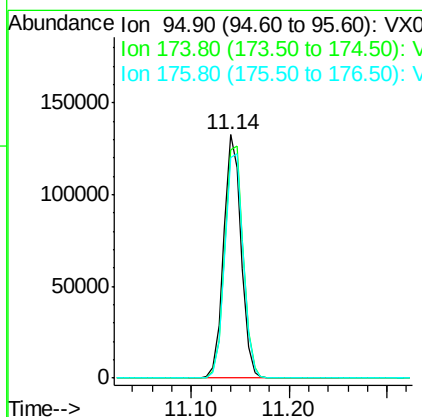
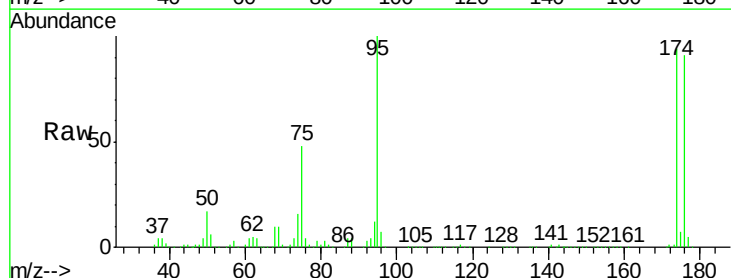
Instrument :
 MSVOA_X
 ClientSampleId :
 PB109200ZHE#12

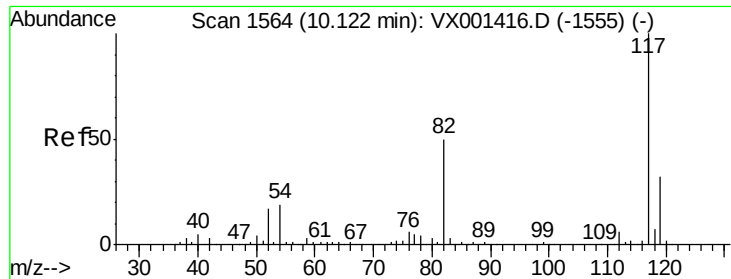
Tgt Ion: 75 Resp: 18
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.5 38.3#
 39 140.0 38.9 58.3#



#62
 4-Bromofluorobenzene
 Concen: 35.67 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX001696.D
 Acq: 13 May 2018 04:40

Tgt Ion: 95 Resp: 163541
 Ion Ratio Lower Upper
 95 100
 174 101.3 0.0 202.0
 176 98.0 0.0 197.4

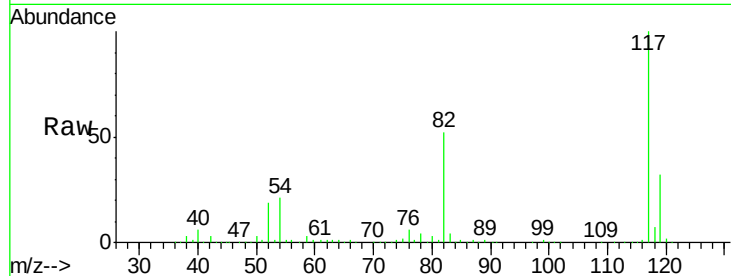




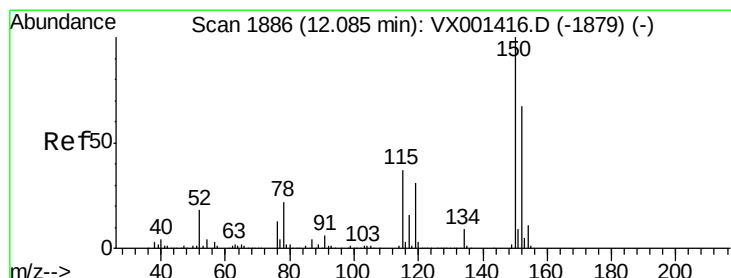
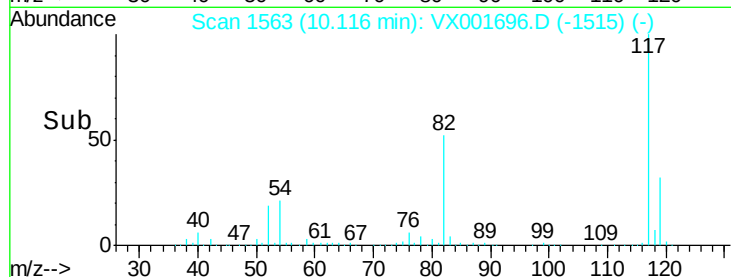
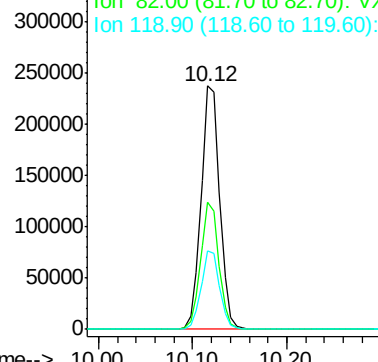
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001696.D
Acq: 13 May 2018 04:40

Instrument :
MSVOA_X
ClientSampleId :
PB109200ZHE#12

Tgt Ion:117 Resp: 325014
Ion Ratio Lower Upper
117 100
82 52.1 40.0 60.0
119 32.1 25.8 38.8

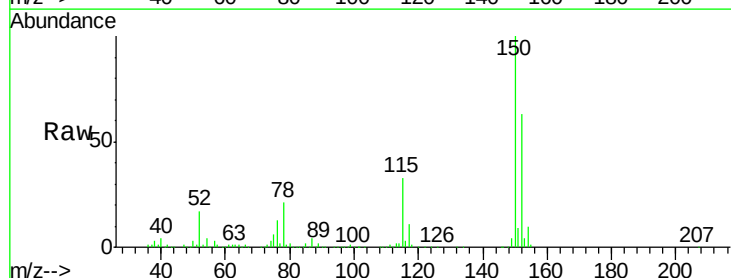


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

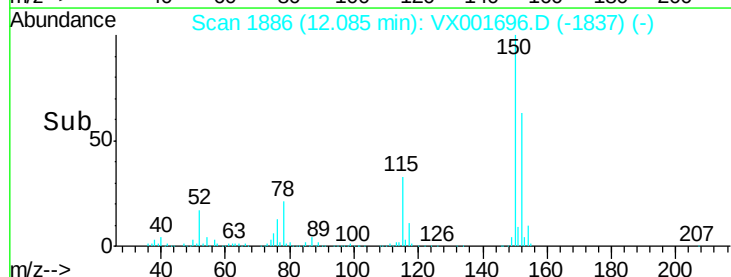
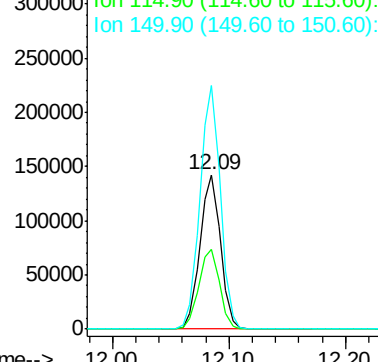


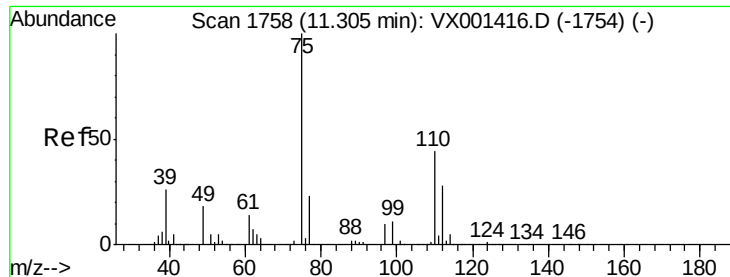
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001696.D
Acq: 13 May 2018 04:40

Tgt Ion:152 Resp: 173536
Ion Ratio Lower Upper
152 100
115 52.3 37.7 113.1
150 157.5 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

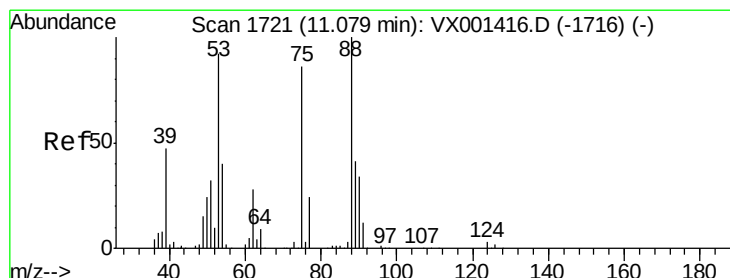
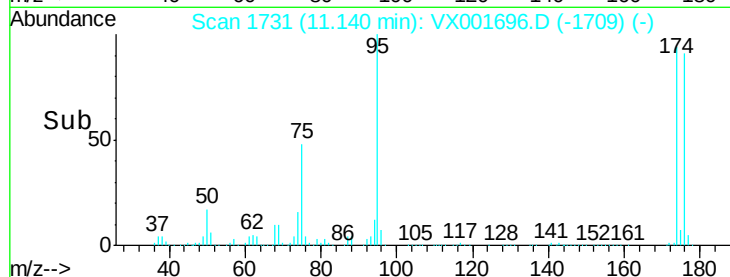
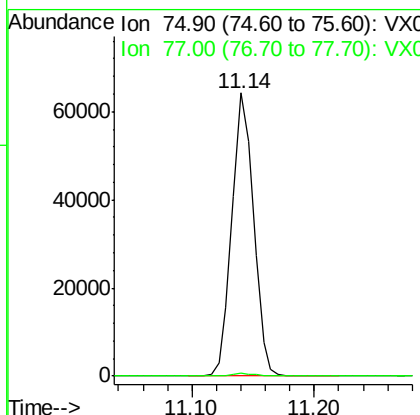
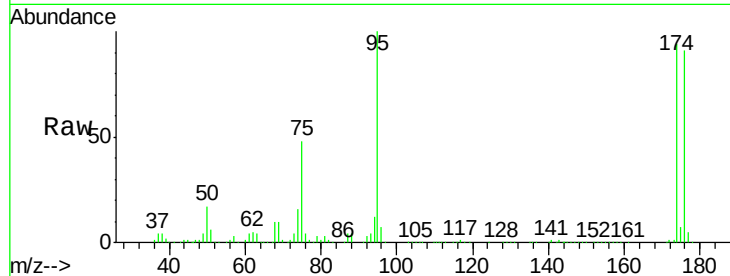




#76
 1,2,3-Trichloropropane
 Concen: 22.33 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX001696.D
 Acq: 13 May 2018 04:40

Instrument :
 MSVOA_X
 ClientSampleId :
 PB109200ZHE#12

Tgt Ion: 75 Resp: 78587
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.6 58.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.38 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX001696.D
 Acq: 13 May 2018 04:40

Tgt Ion: 75 Resp: 78587
 Ion Ratio Lower Upper
 75 100
 53 0.2 84.5 126.7#
 89 0.0 39.5 59.3#

