

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX041218\
 Data File : VX000795.D
 Acq On : 12 Apr 2018 11:52
 Operator : JC/MD
 Sample : VX0412WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBL01

Quant Time: Apr 13 06:52:01 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	286454	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	370643	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	323745	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	193910	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	160997	44.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.14%	
35) Dibromofluoromethane	5.51	113	133695	46.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.64%	
50) Toluene-d8	8.72	98	500958	47.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.24%	
62) 4-Bromofluorobenzene	11.15	95	183425	41.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.40%	

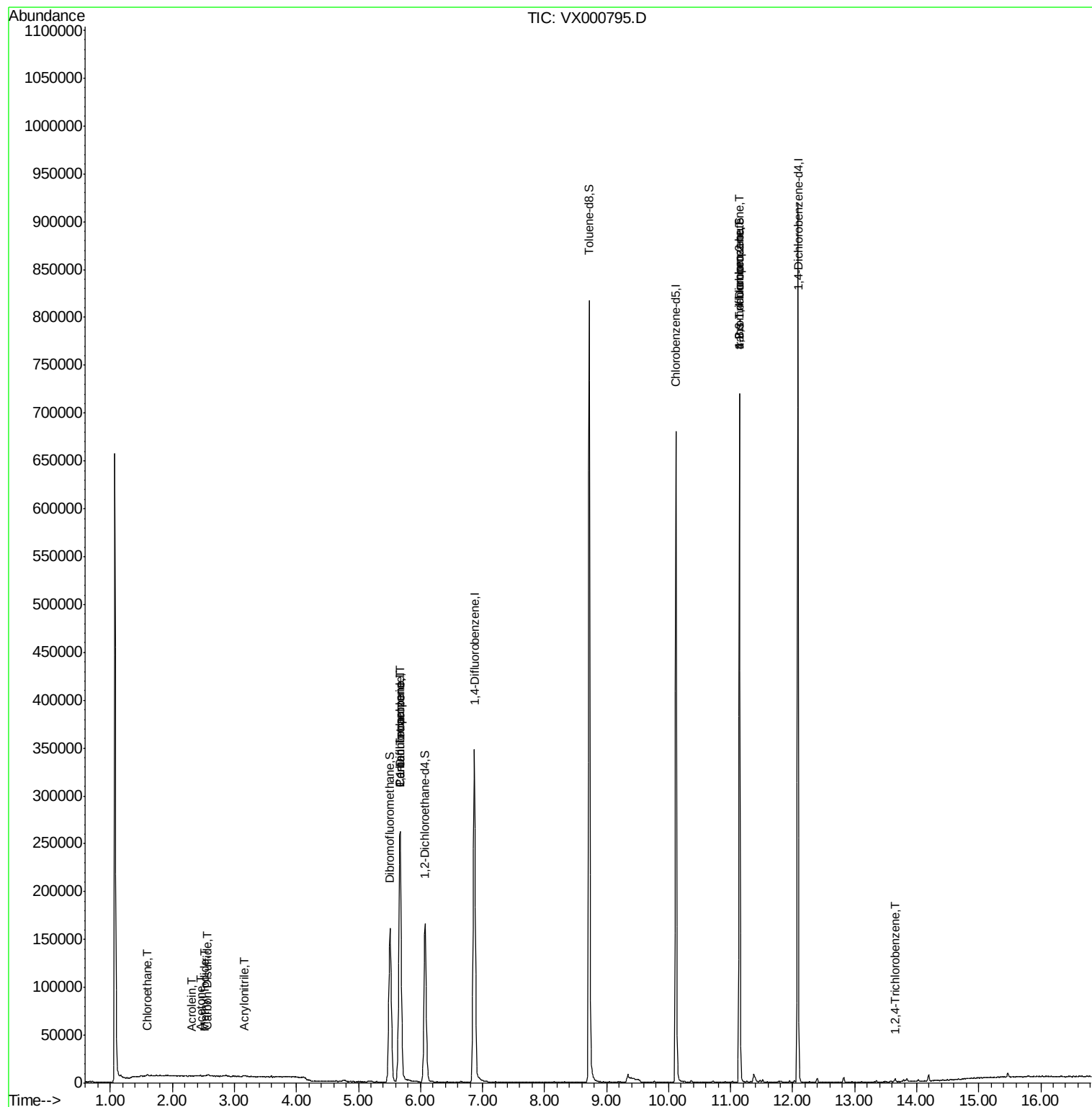
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.66	94	434	Below Cal	#	61
6) Chloroethane	1.60	64	2018	1.07	ug/l #	43
10) Methyl Iodide	2.53	142	310	8.35	ug/l #	71
13) Acrolein	2.31	56	96	0.31	ug/l #	1
15) Acrylonitrile	3.15	53	445	0.33	ug/l #	10
16) Acetone	2.45	43	601	0.48	ug/l #	74
17) Carbon Disulfide	2.57	76	1670	0.21	ug/l #	95
36) 1,1-Dichloropropene	5.67	75	17218	4.22	ug/l #	49
38) Carbon Tetrachloride	5.67	117	24123	5.28	ug/l #	15
76) 1,2,3-Trichloropropane	11.14	75	89723	26.83	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.14	75	89723	73.80	ug/l #	11
93) 1,2,4-Trichlorobenzene	13.66	180	1190	0.22	ug/l	91

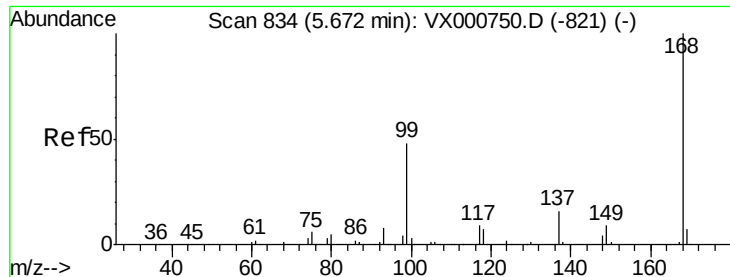
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX041218\
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :
VX0412WBL01

Quant Time: Apr 13 06:52:01 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 10 15:49:28 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: VX000795.D

Acq: 12 Apr 2018 11:52

Instrument :

MSVOA_X

ClientSampleId :

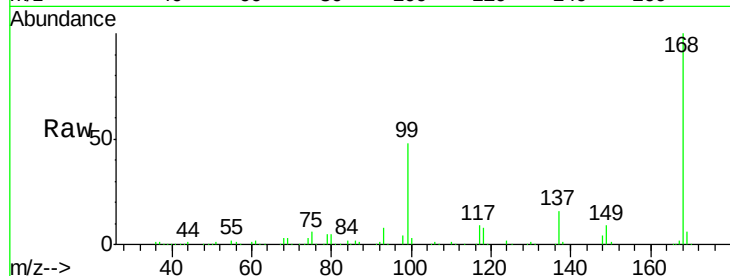
VX0412WBL01

Tgt Ion:168 Resp: 286454

Ion Ratio Lower Upper

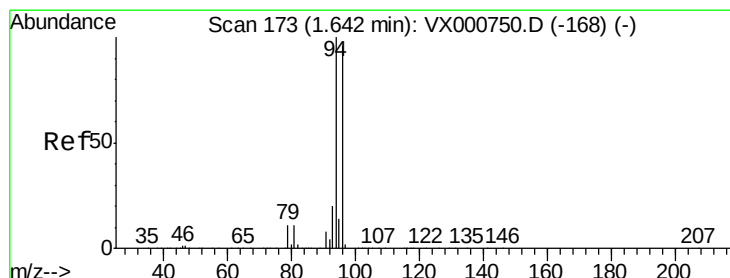
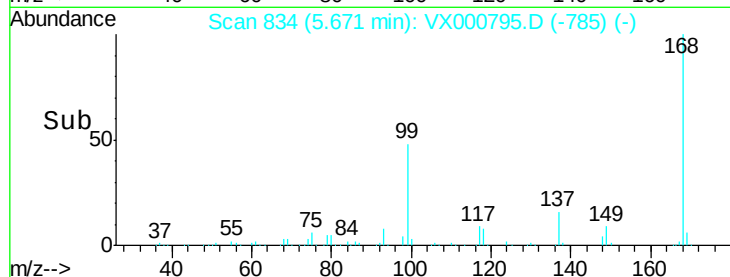
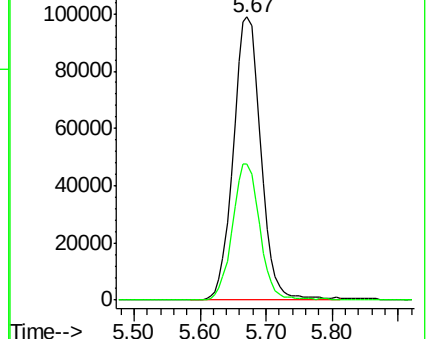
168 100

99 48.2 38.3 57.5



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. 0.02 min

Lab File: VX000795.D

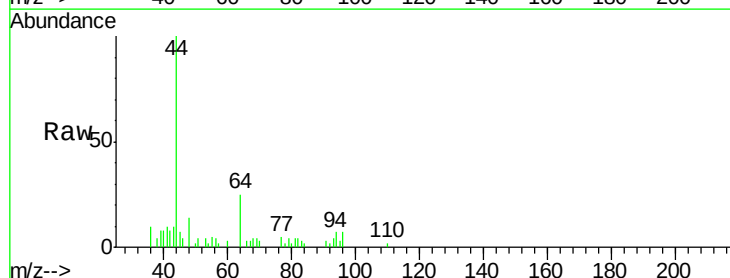
Acq: 12 Apr 2018 11:52

Tgt Ion: 94 Resp: 434

Ion Ratio Lower Upper

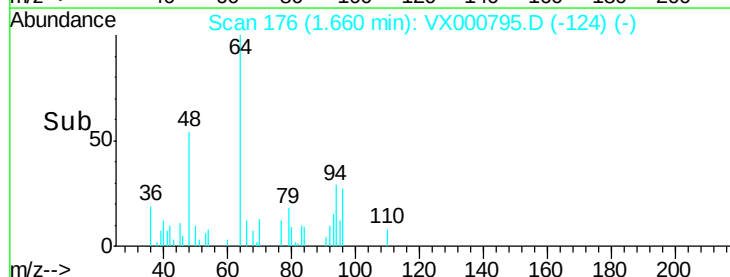
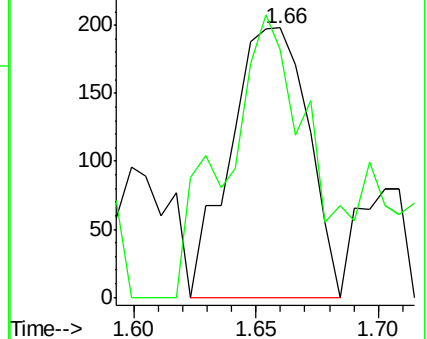
94 100

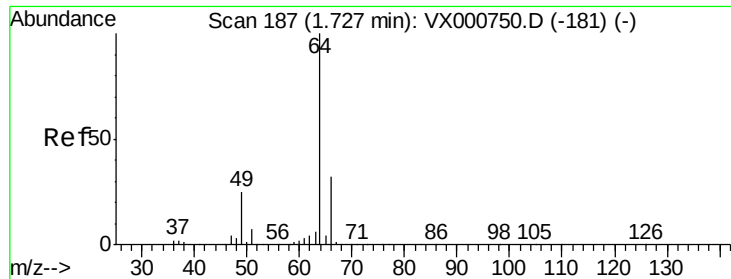
96 58.1 77.0 115.6#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 1.07 ug/l

RT: 1.60 min Scan# 166

Delta R.T. -0.13 min

Lab File: VX000795.D

Acq: 12 Apr 2018 11:52

Instrument :

MSVOA_X

ClientSampleId :

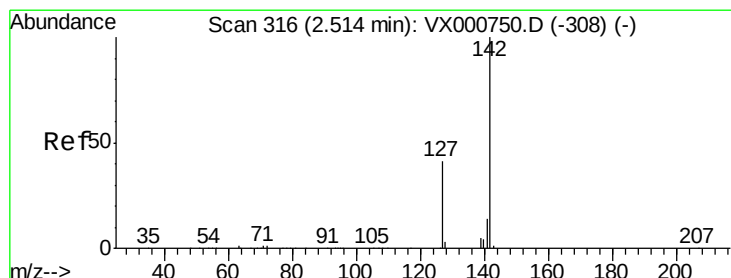
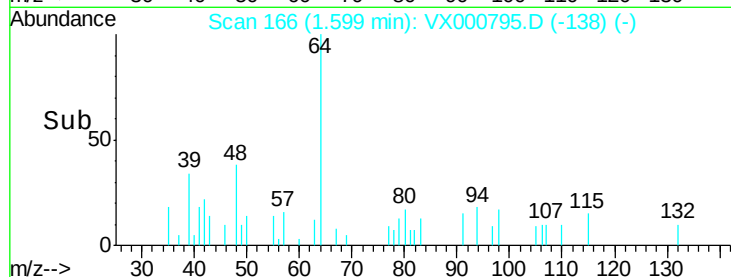
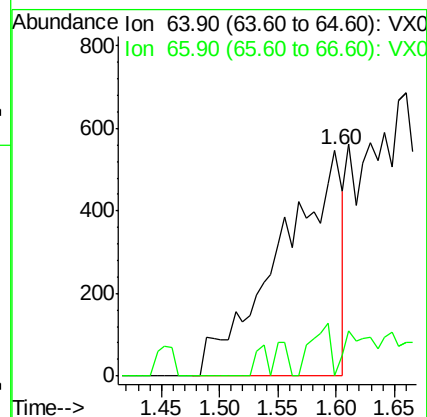
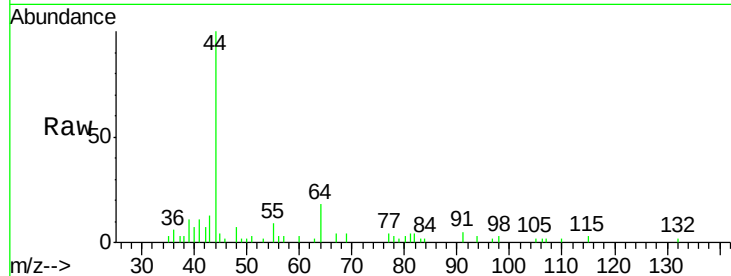
VX0412WBL01

Tgt Ion: 64 Resp: 2018

Ion Ratio Lower Upper

64 100

66 0.0 25.3 37.9#



#10

Methyl Iodide

Concen: 8.35 ug/l

RT: 2.53 min Scan# 318

Delta R.T. 0.01 min

Lab File: VX000795.D

Acq: 12 Apr 2018 11:52

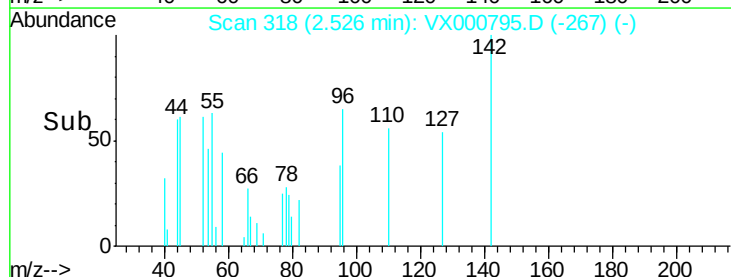
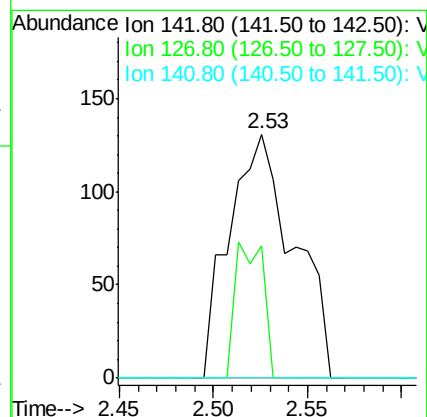
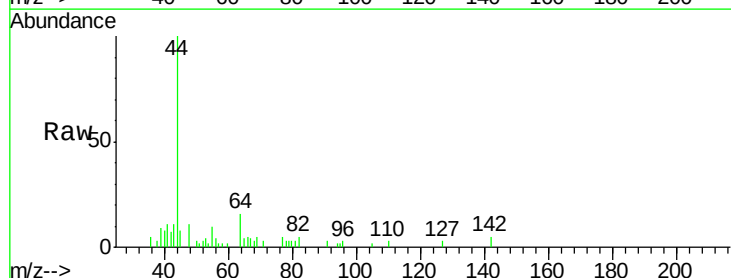
Tgt Ion: 142 Resp: 310

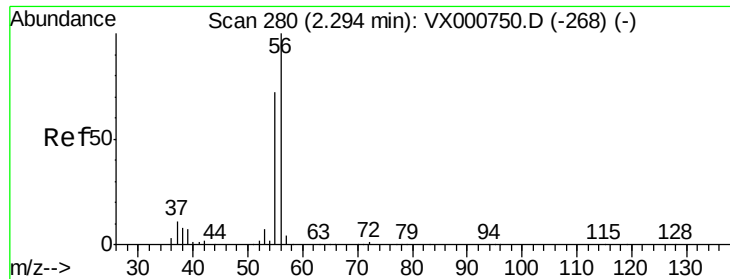
Ion Ratio Lower Upper

142 100

127 24.2 32.6 49.0#

141 0.0 11.5 17.3#





#13

Acrolein

Concen: 0.31 ug/l

RT: 2.31 min Scan# 282

Delta R.T. 0.01 min

Lab File: VX000795.D

Acq: 12 Apr 2018 11:52

Instrument :

MSVOA_X

ClientSampleId :

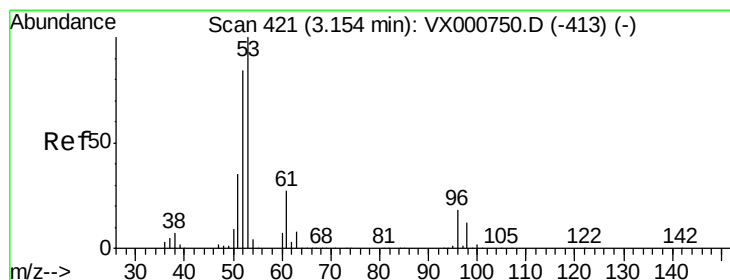
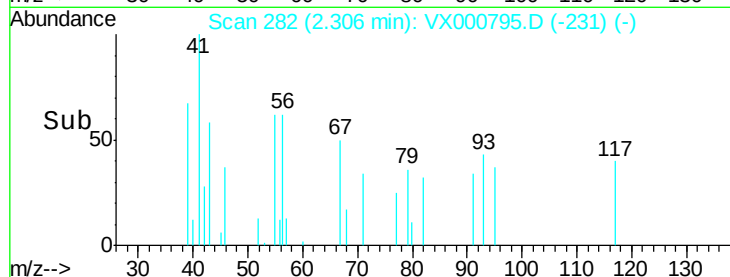
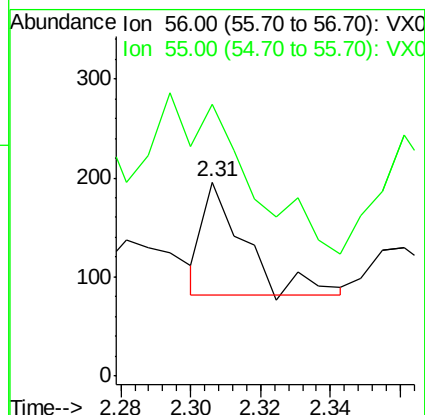
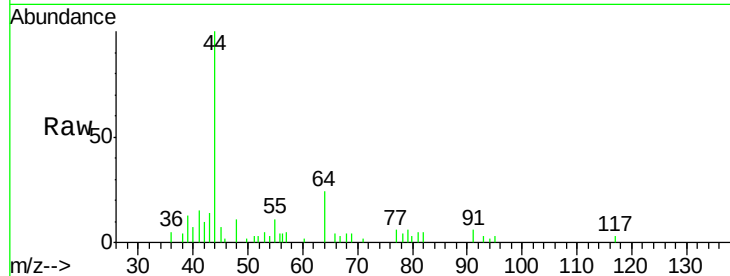
VX0412WBL01

Tgt Ion: 56 Resp: 96

Ion Ratio Lower Upper

56 100

55 302.1 58.7 88.1#



#15

Acrylonitrile

Concen: 0.33 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX000795.D

Acq: 12 Apr 2018 11:52

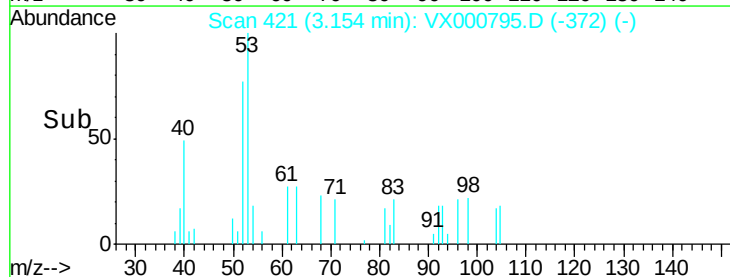
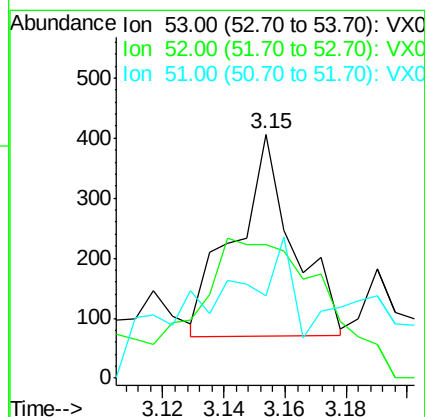
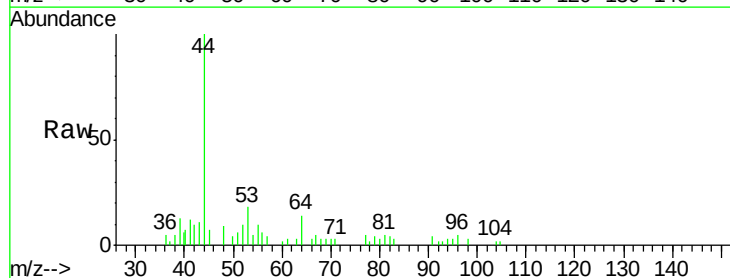
Tgt Ion: 53 Resp: 445

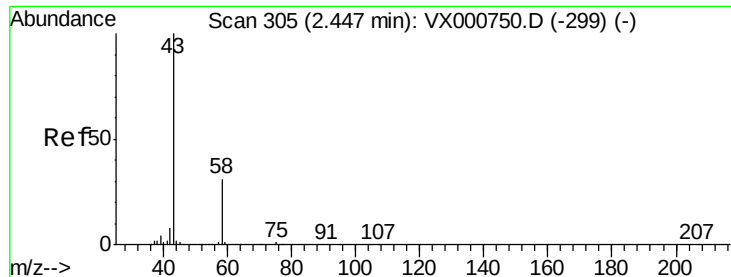
Ion Ratio Lower Upper

53 100

52 146.1 66.5 99.7#

51 116.9 28.8 43.2#





#16

Acetone

Concen: 0.48 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX000795.D

Acq: 12 Apr 2018 11:52

Instrument :

MSVOA_X

ClientSampled :

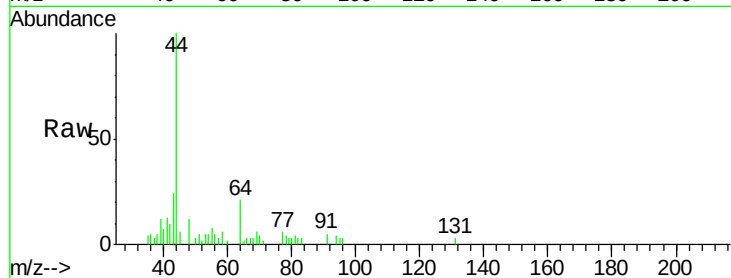
VX0412WBL01

Tgt Ion: 43 Resp: 601

Ion Ratio Lower Upper

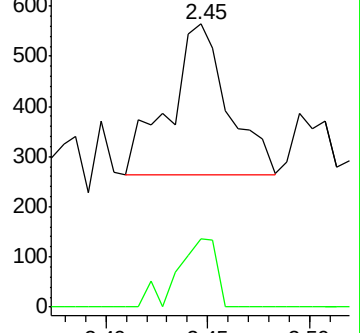
43 100

58 45.0 24.6 37.0#

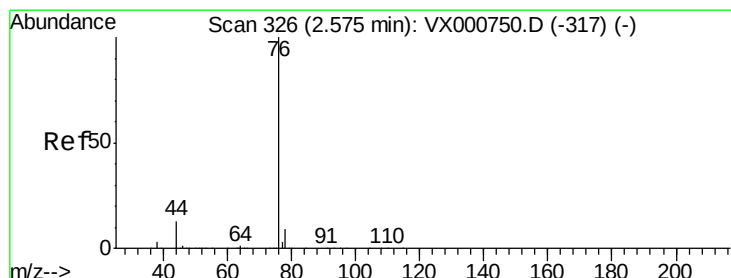
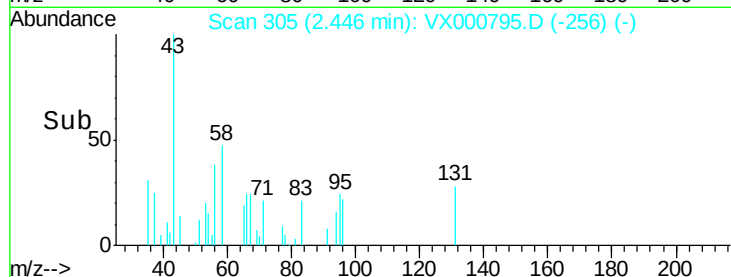


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#17

Carbon Disulfide

Concen: 0.21 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX000795.D

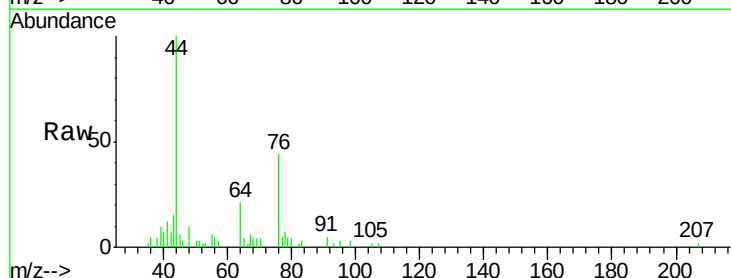
Acq: 12 Apr 2018 11:52

Tgt Ion: 76 Resp: 1670

Ion Ratio Lower Upper

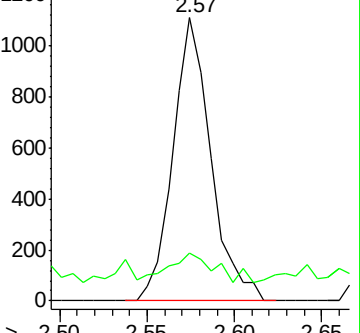
76 100

78 7.4 7.4 11.2#

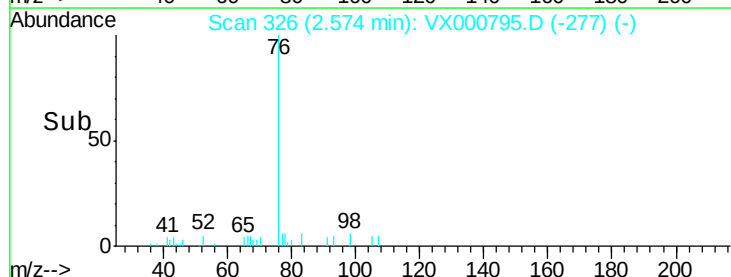


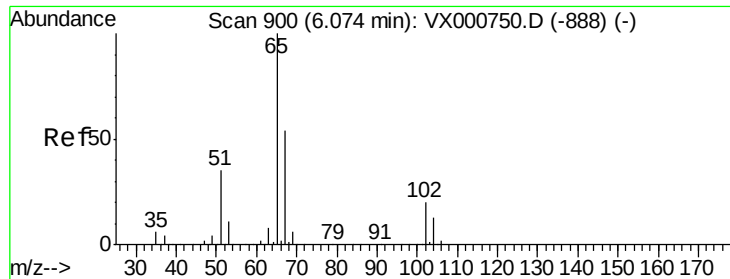
Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



Time-->

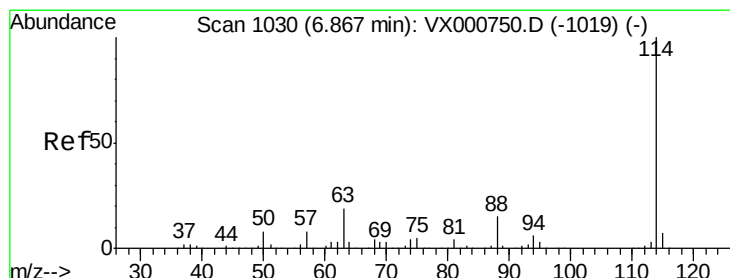
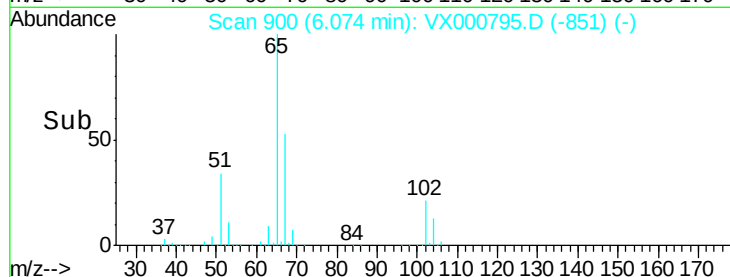
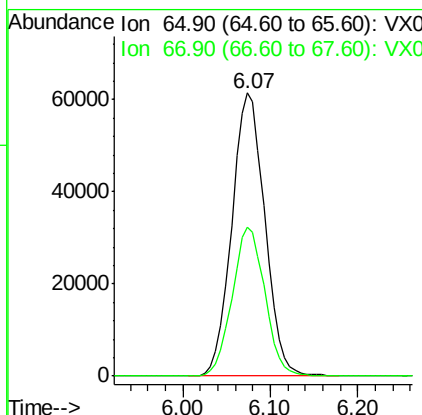
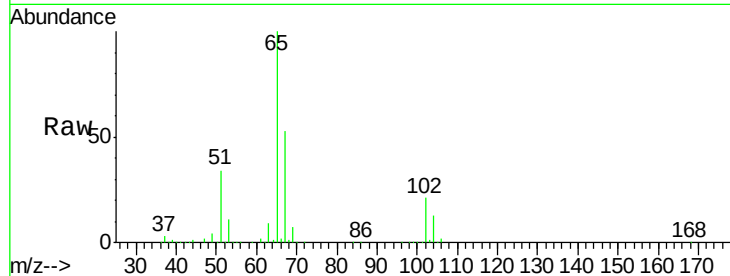




#33
 1,2-Dichloroethane-d4
 Concen: 44.57 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX000795.D
 Acq: 12 Apr 2018 11:52

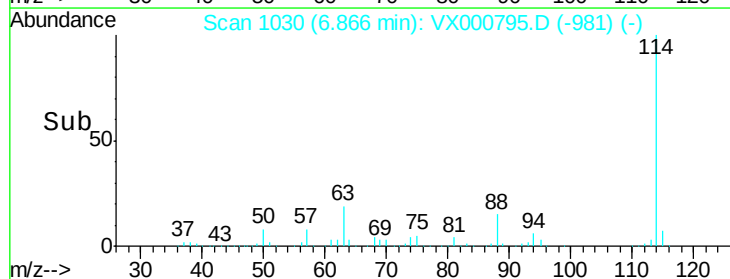
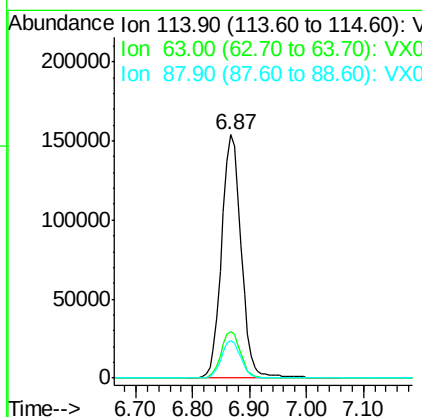
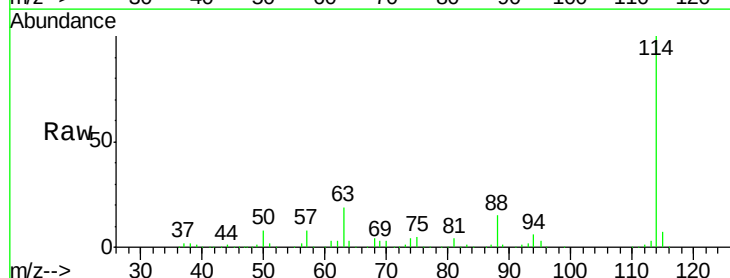
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBL01

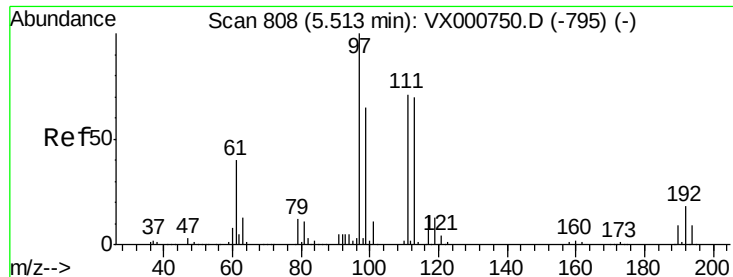
Tgt Ion: 65 Resp: 160997
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX000795.D
 Acq: 12 Apr 2018 11:52

Tgt Ion: 114 Resp: 370643
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.4
 88 15.4 0.0 31.0

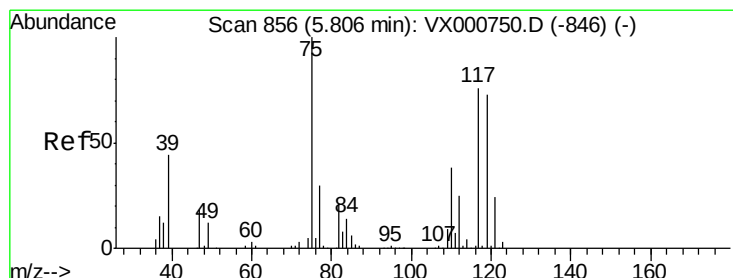
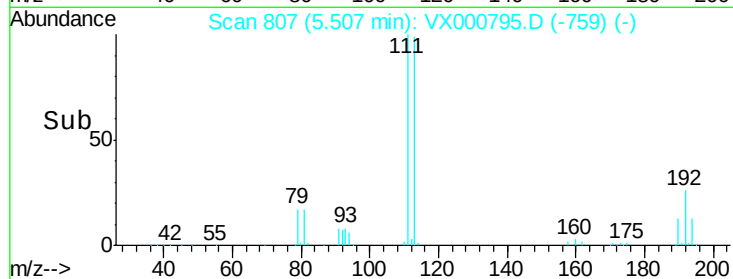
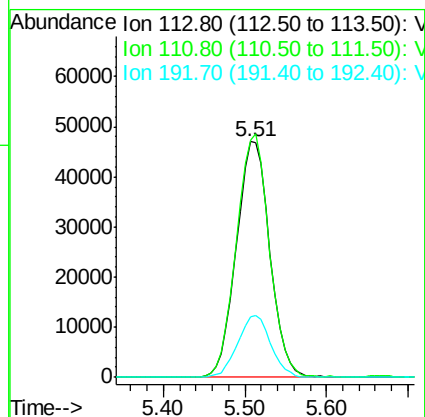
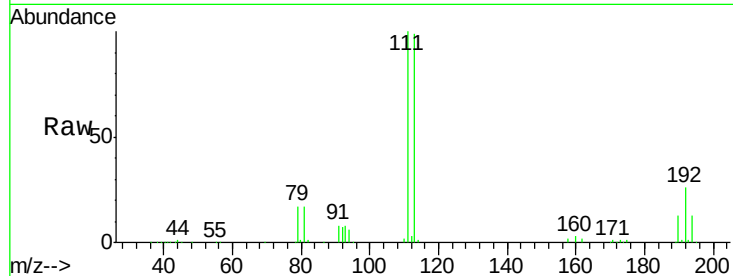




#35
 Dibromofluoromethane
 Concen: 46.82 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX000795.D
 Acq: 12 Apr 2018 11:52

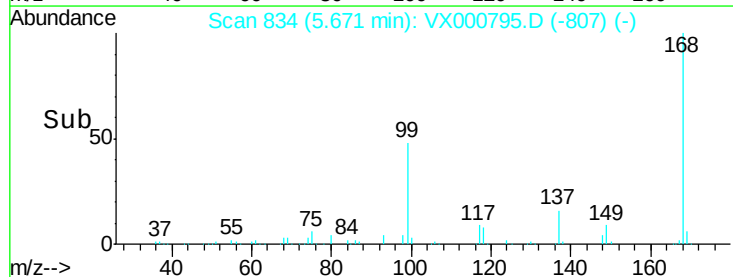
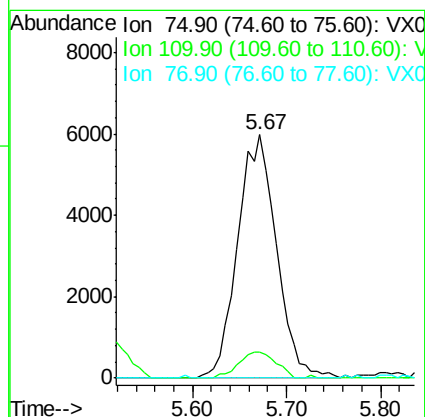
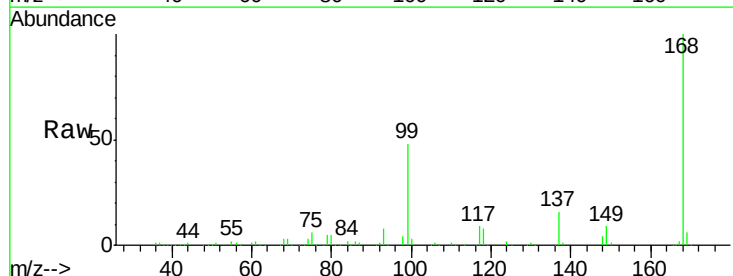
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBL01

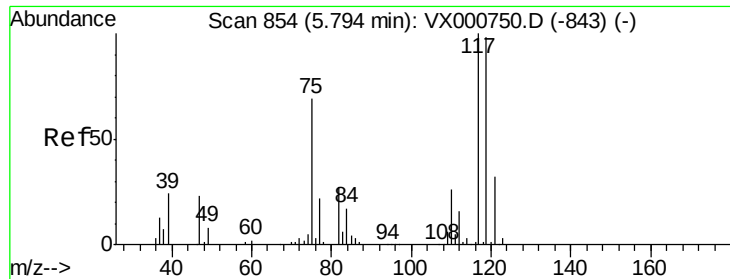
Tgt Ion:113 Resp: 133695
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.5 122.3
 192 26.0 20.4 30.6



#36
 1,1-Dichloropropene
 Concen: 4.22 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.13 min
 Lab File: VX000795.D
 Acq: 12 Apr 2018 11:52

Tgt Ion: 75 Resp: 17218
 Ion Ratio Lower Upper
 75 100
 110 10.3 19.2 57.6#
 77 0.0 25.4 38.2#





#38

Carbon Tetrachloride

Concen: 5.28 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX000795.D

Acq: 12 Apr 2018 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBL01

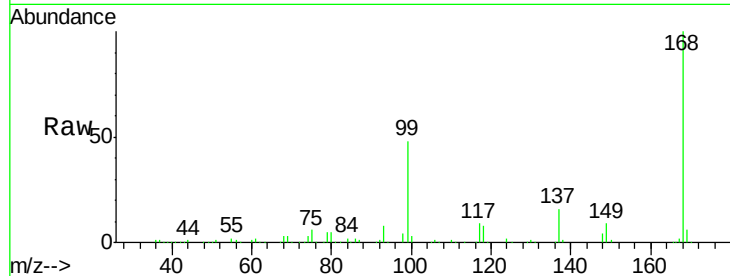
Tgt Ion:117 Resp: 24123

Ion Ratio Lower Upper

117 100

119 4.8 78.4 117.6#

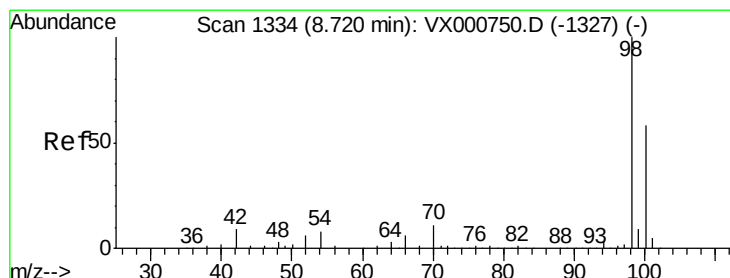
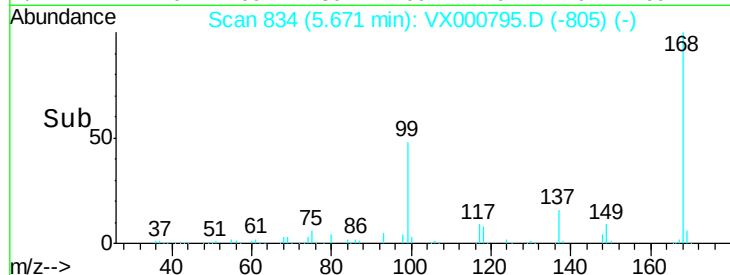
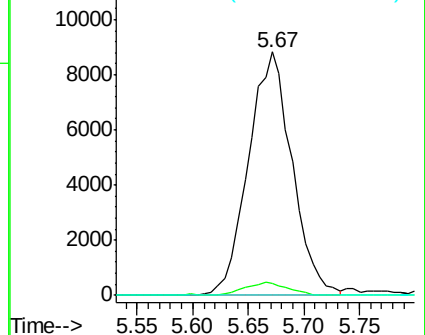
121 0.0 25.4 38.0#



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: 47.12 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX000795.D

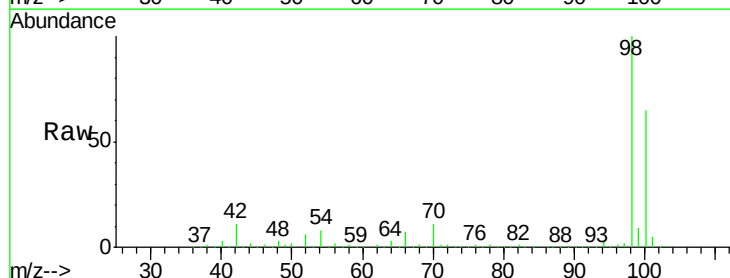
Acq: 12 Apr 2018 11:52

Tgt Ion: 98 Resp: 500958

Ion Ratio Lower Upper

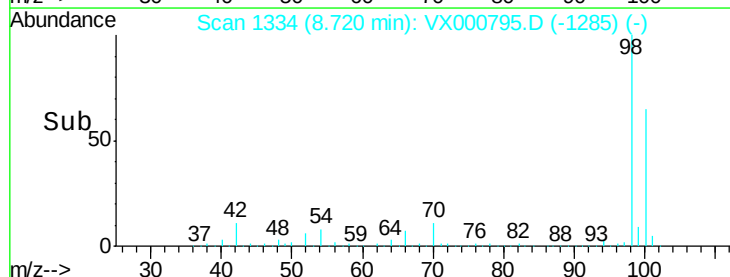
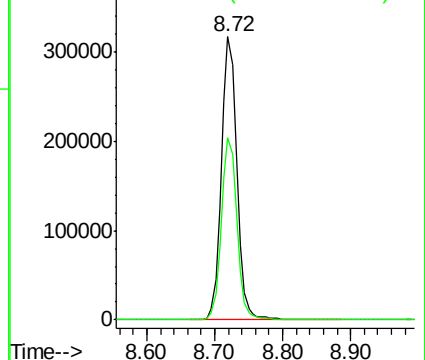
98 100

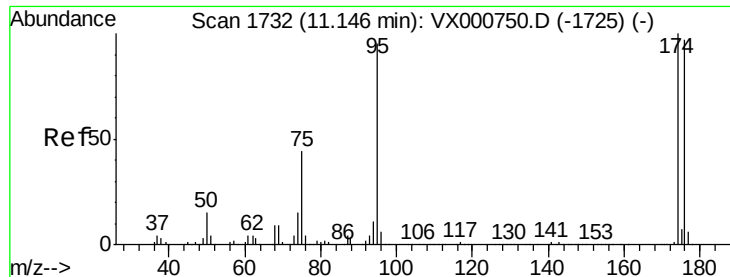
100 64.8 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 41.70 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000795.D

Acq: 12 Apr 2018 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBL01

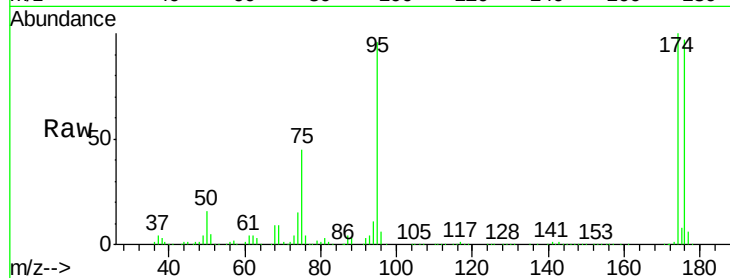
Tgt Ion: 95 Resp: 183425

Ion Ratio Lower Upper

95 100

174 98.4 0.0 198.4

176 96.3 0.0 194.4



Abundance Ion 94.90 (94.60 to 95.60): VX000750.D (-1725) (-)

Ion 173.80 (173.50 to 174.50): VX000750.D (-1725) (-)

Ion 175.80 (175.50 to 176.50): VX000750.D (-1725) (-)

11.15

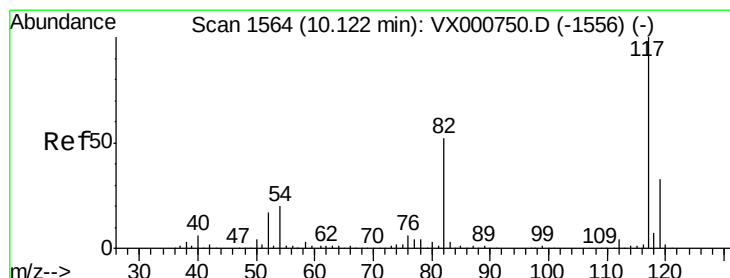
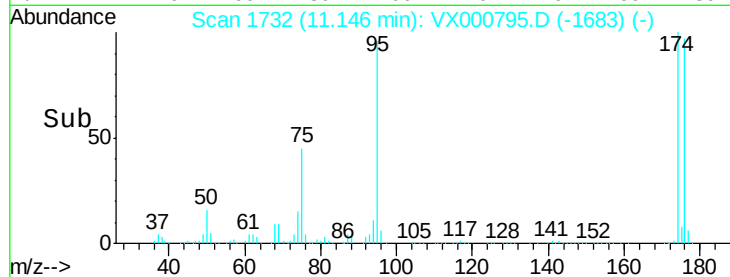
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.01 min

Lab File: VX000795.D

Acq: 12 Apr 2018 11:52

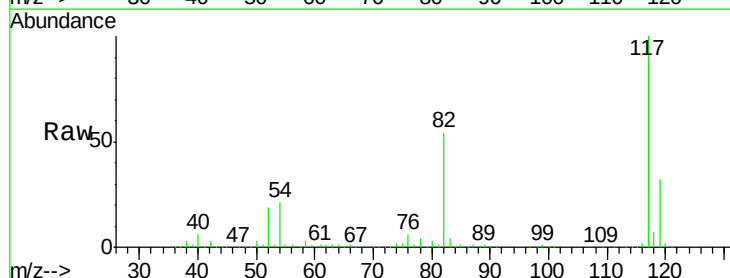
Tgt Ion: 117 Resp: 323745

Ion Ratio Lower Upper

117 100

82 53.7 41.9 62.9

119 32.1 26.0 39.0



Abundance Ion 116.90 (116.60 to 117.60): VX000750.D (-1556) (-)

Ion 82.00 (81.70 to 82.70): VX000750.D (-1556) (-)

Ion 118.90 (118.60 to 119.60): VX000750.D (-1556) (-)

10.12

300000

250000

200000

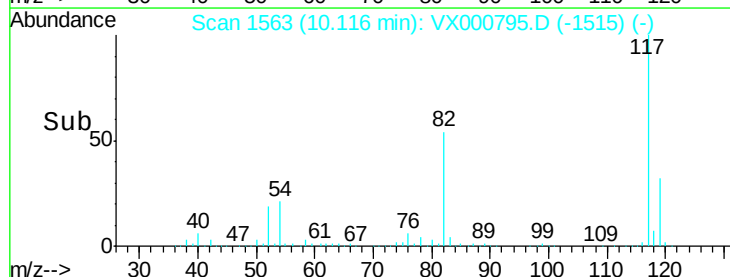
150000

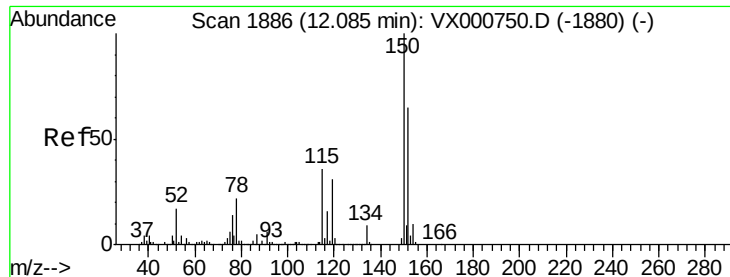
100000

50000

0

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000795.D

Acq: 12 Apr 2018 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBL01

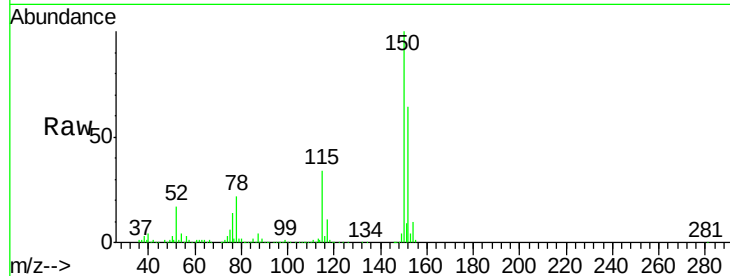
Tgt Ion:152 Resp: 193910

Ion Ratio Lower Upper

152 100

115 53.3 37.9 113.7

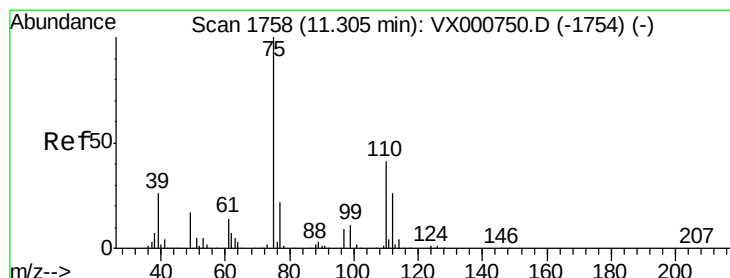
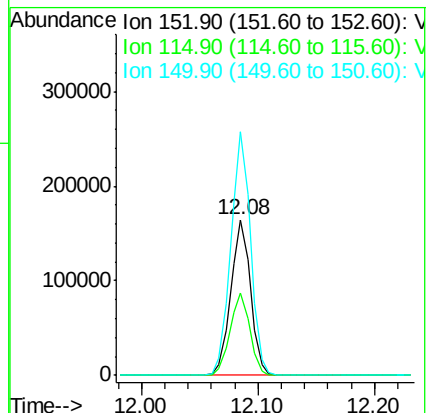
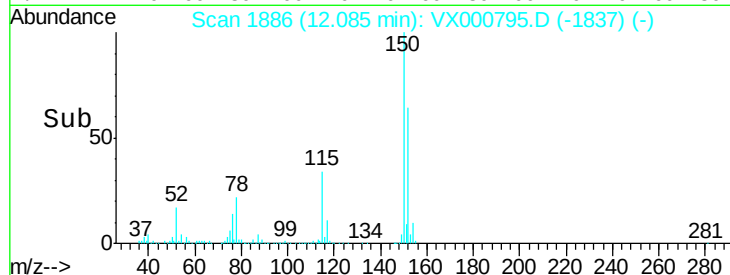
150 156.2 0.0 348.0



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: 26.83 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX000795.D

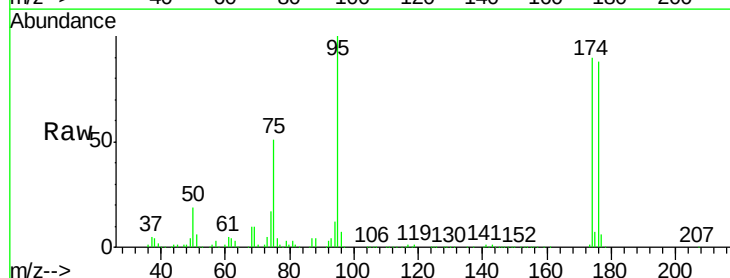
Acq: 12 Apr 2018 11:52

Tgt Ion: 75 Resp: 89723

Ion Ratio Lower Upper

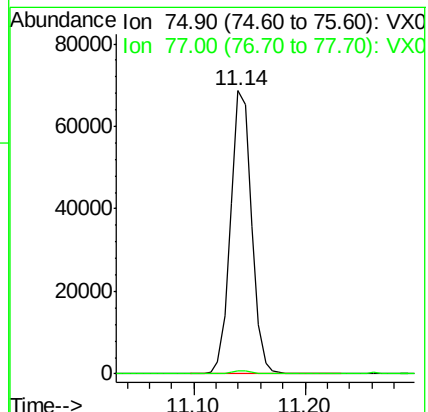
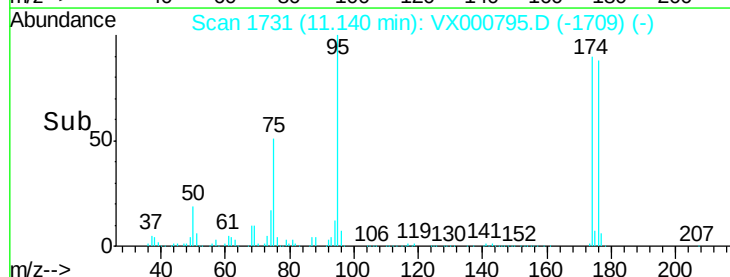
75 100

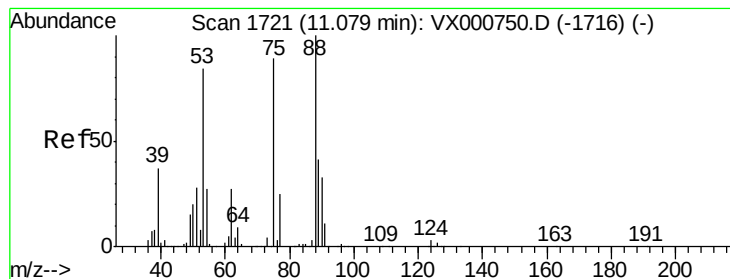
77 1.2 20.5 61.5#



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: 73.80 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX000795.D

Acq: 12 Apr 2018 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBL01

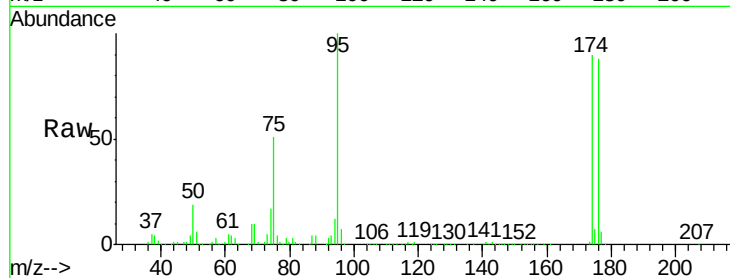
Tgt Ion: 75 Resp: 89723

Ion Ratio Lower Upper

75 100

53 0.1 75.4 113.0#

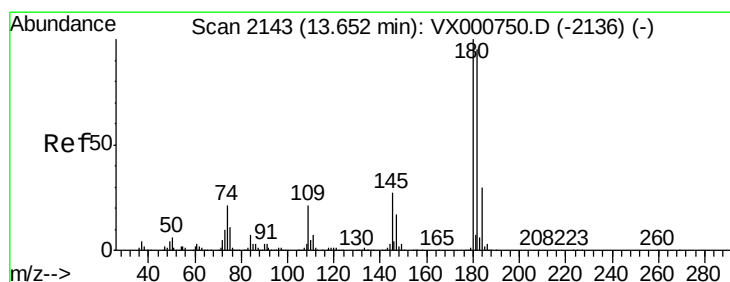
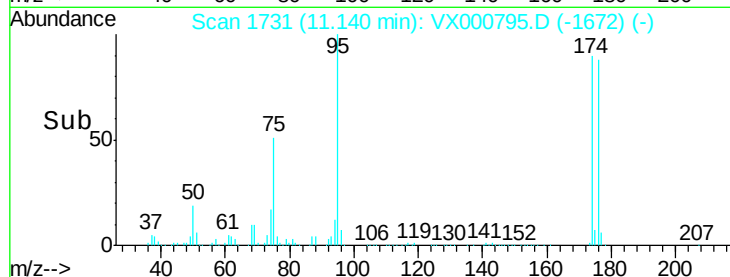
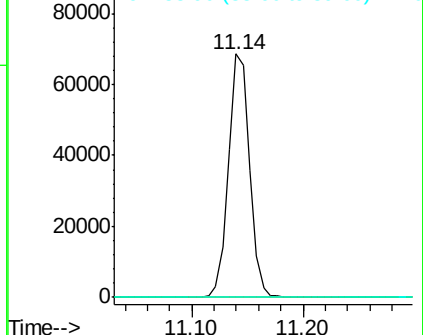
89 0.0 40.9 61.3#



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



#93

1,2,4-Trichlorobenzene

Concen: 0.22 ug/l

RT: 13.66 min Scan# 2144

Delta R.T. 0.01 min

Lab File: VX000795.D

Acq: 12 Apr 2018 11:52

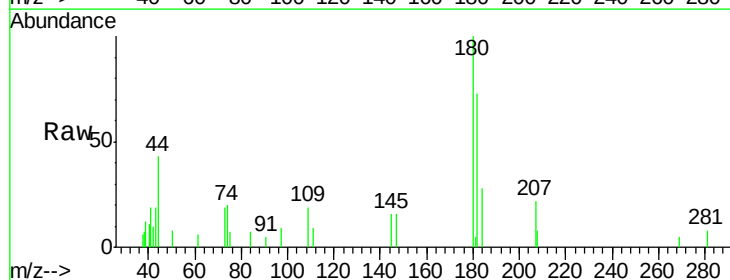
Tgt Ion: 180 Resp: 1190

Ion Ratio Lower Upper

180 100

182 85.0 47.5 142.5

145 24.1 13.8 41.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

