

Data File : VX001385.D

Acq On : 04 May 2018 07:52

Operator : JC/MD

Sample : J2707-03

Misc : 5.66g/5mL/100uL/5mL/MSVOA_X/MEOH

ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
9-R(7-7.5)

Quant Time: May 04 08:31:27 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M

Quant Title : SW846 8260

QLast Update : Wed May 02 01:48:25 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	182129	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	255822	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	231704	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	118181	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	111885	44.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.76%	
35) Dibromofluoromethane	5.51	113	92181	41.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.66%	
50) Toluene-d8	8.72	98	332010	42.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.34%	
62) 4-Bromofluorobenzene	11.14	95	109307	34.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.42%	

Target Compounds

						Qvalue
5) Bromomethane	1.64	94	713	Below Cal		84
10) Methyl Iodide	2.52	142	859	4.69 ug/l #		95
11) Tert butyl alcohol	3.02	59	4349	10.03 ug/l #		72
13) Acrolein	2.29	56	117	0.47 ug/l #		73
15) Acrylonitrile	3.15	53	247	0.25 ug/l		97
16) Acetone	2.45	43	1141	1.06 ug/l		91
20) Methylene Chloride	2.86	84	331	Below Cal #		60
25) 2-Butanone	4.71	43	430	0.30 ug/l #		49
29) Tetrahydrofuran	5.18	42	406	0.45 ug/l #		49
31) Cyclohexane	5.67	56	3319	1.07 ug/l #		6
36) 1,1-Dichloropropene	5.67	75	10927	3.70 ug/l #		50
38) Carbon Tetrachloride	5.67	117	15366	4.97 ug/l #		17
60) Dibromochloromethane	9.34	129	2595	1.11 ug/l #		10
64) Tetrachloroethene	9.34	164	3186	1.16 ug/l		89
76) 1,2,3-Trichloropropane	11.14	75	55797	25.53 ug/l #		39
81) trans-1,4-Dichloro-2-buten	11.14	75	55797	80.23 ug/l #		6

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

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Operator : JC/MD

Sample : J2707-03

Misc : 5.66g/5mL/100uL/5mL/MSVOA_X/MEOH

ALS Vial : 36 Sample Multiplier: 1

Instrument :

MSVOA_X

Client Sample ID :

9-R(7-7.5)

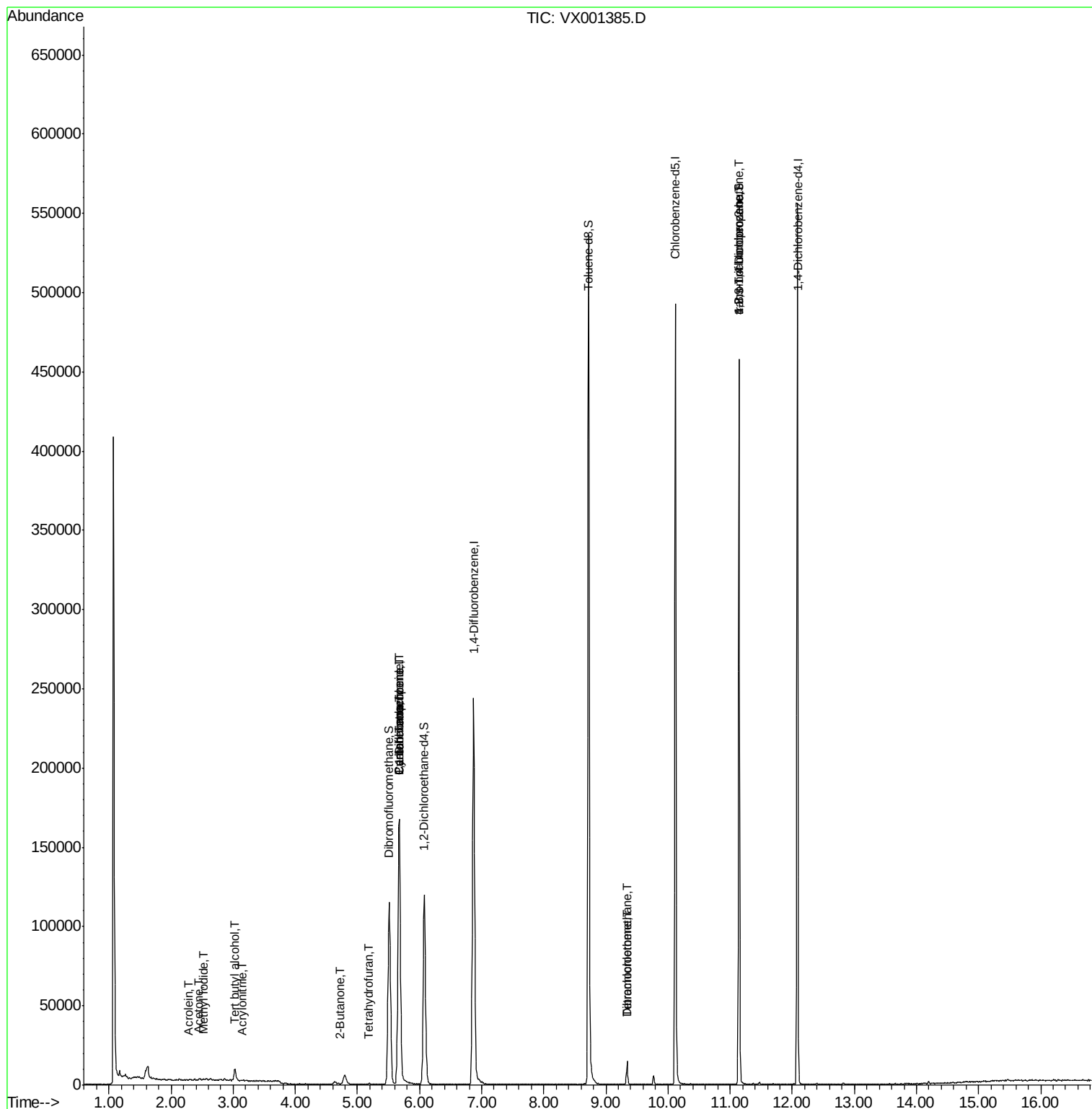
Quant Time: May 04 08:31:27 2018

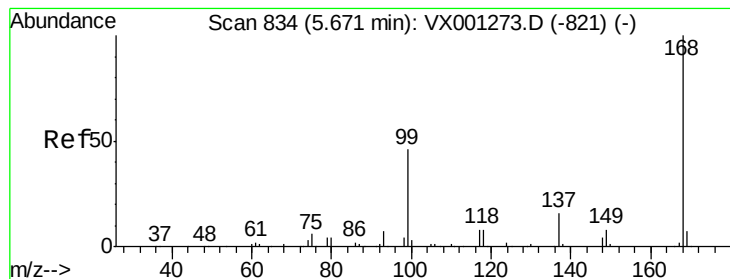
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M

Quant Title : SW846 8260

QLast Update : Wed May 02 01:48:25 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: VX001385.D

Acq: 04 May 2018 07:52

Instrument :

MSVOA_X

ClientSampleId :

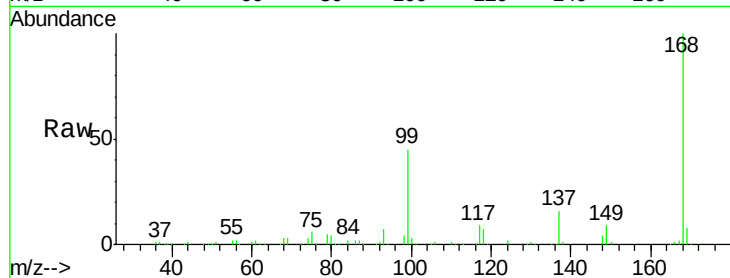
9-R(7-7.5)

Tgt Ion: 168 Resp: 182129

Ion Ratio Lower Upper

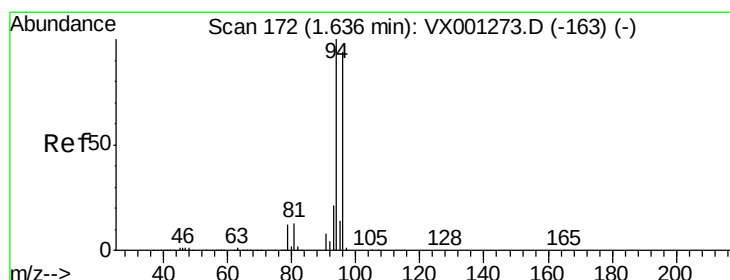
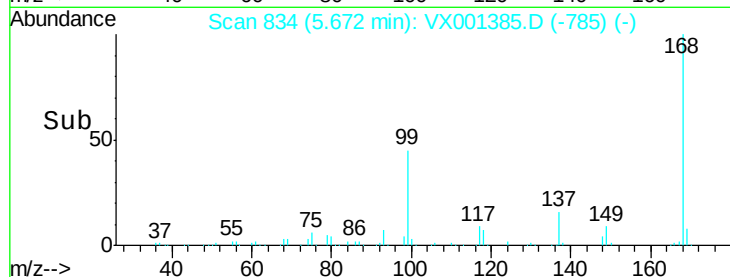
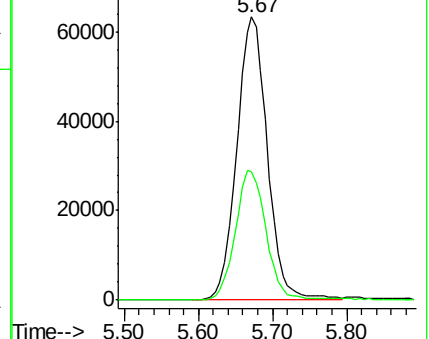
168 100

99 45.3 36.5 54.7



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: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX001385.D

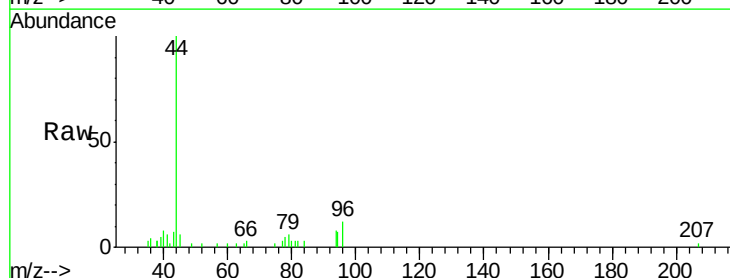
Acq: 04 May 2018 07:52

Tgt Ion: 94 Resp: 713

Ion Ratio Lower Upper

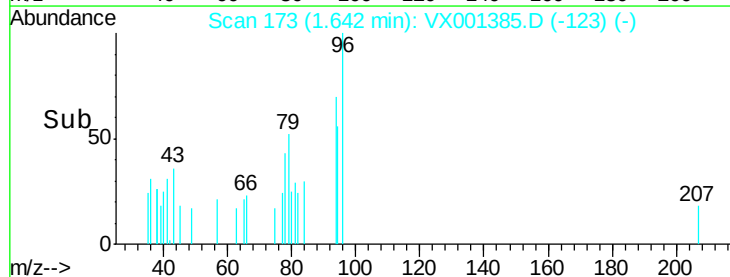
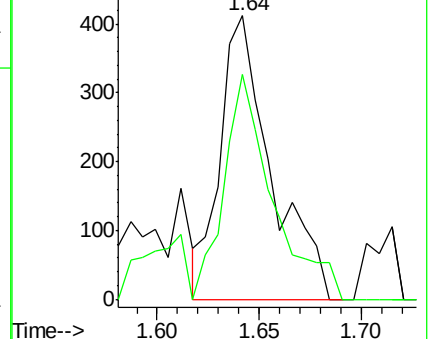
94 100

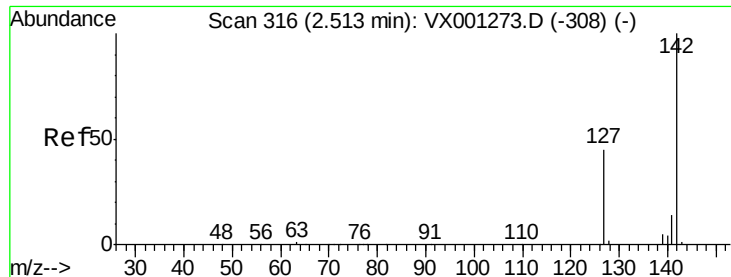
96 79.4 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

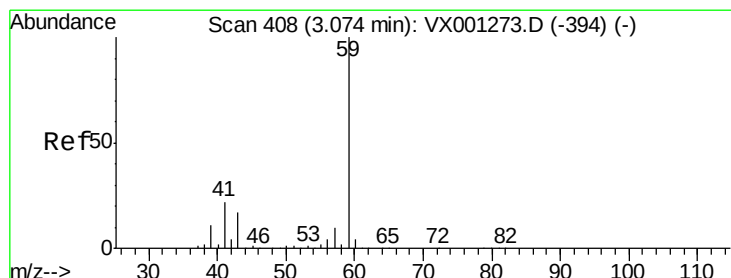
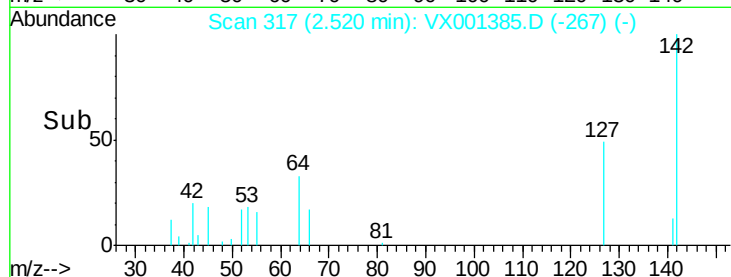
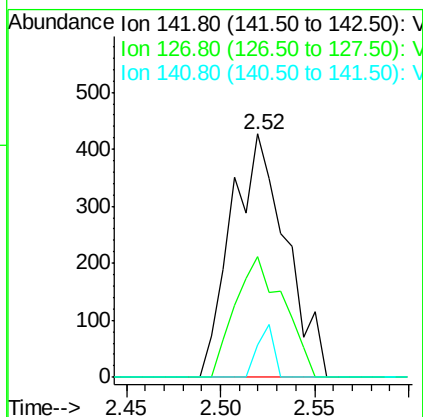
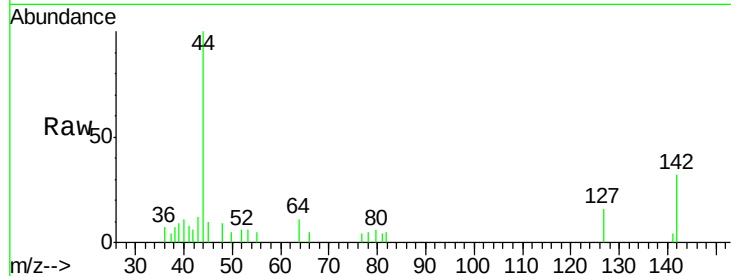




#10
Methyl Iodide
Concen: 4.69 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX001385.D
Acq: 04 May 2018 07:52

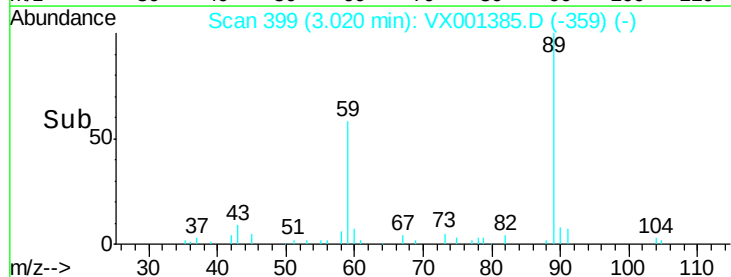
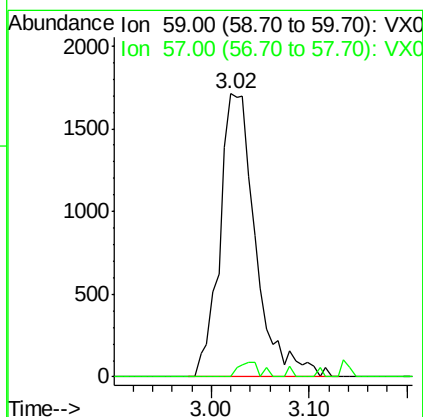
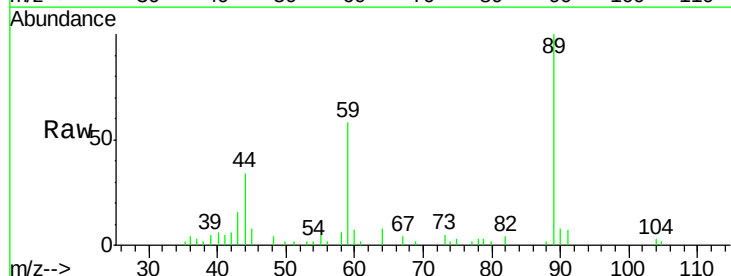
Instrument :
MSVOA_X
ClientSampled :
9-R(7-7.5)

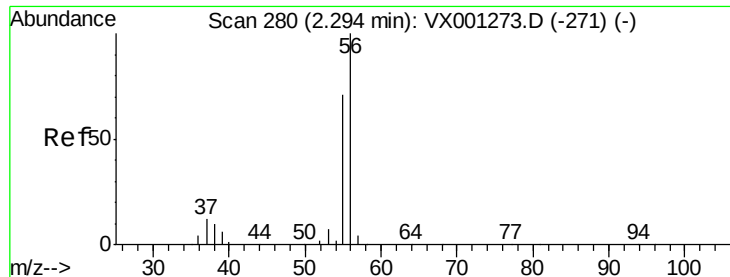
Tgt Ion: 142 Resp: 859
Ion Ratio Lower Upper
142 100
127 44.0 35.7 53.5
141 6.4 11.4 17.0#



#11
Tert butyl alcohol
Concen: 10.03 ug/l
RT: 3.02 min Scan# 399
Delta R.T. -0.05 min
Lab File: VX001385.D
Acq: 04 May 2018 07:52

Tgt Ion: 59 Resp: 4349
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#





#13

Acrolein

Concen: 0.47 ug/l

RT: 2.29 min Scan# 279

Delta R.T. -0.01 min

Lab File: VX001385.D

Acq: 04 May 2018 07:52

Instrument :

MSVOA_X

ClientSampled :

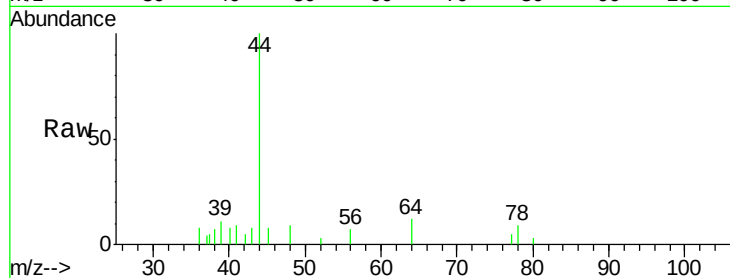
9-R(7-7.5)

Tgt Ion: 56 Resp: 117

Ion Ratio Lower Upper

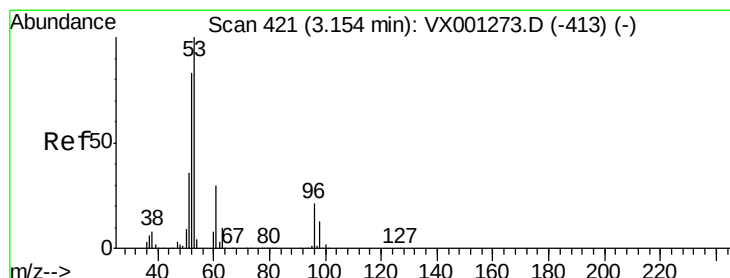
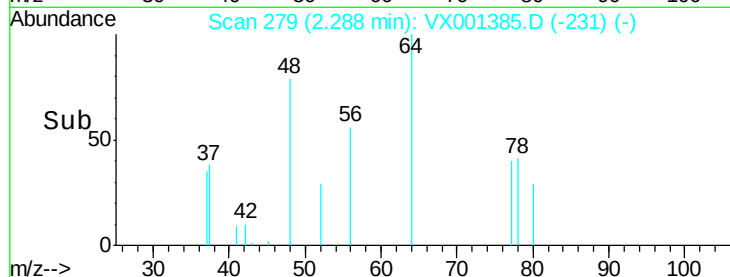
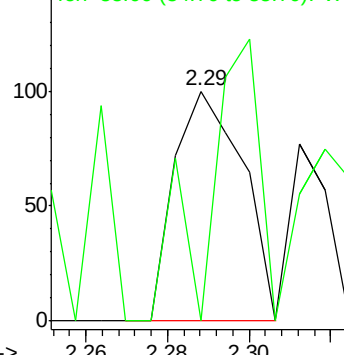
56 100

55 94.0 57.2 85.8#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#15

Acrylonitrile

Concen: 0.25 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001385.D

Acq: 04 May 2018 07:52

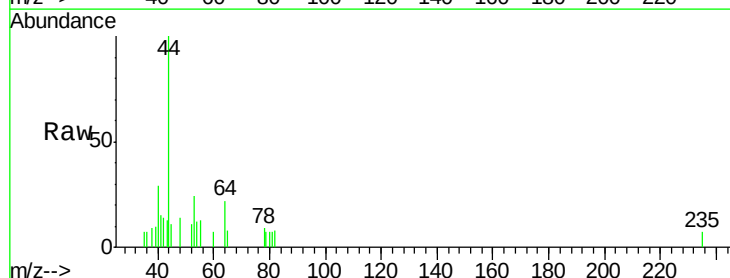
Tgt Ion: 53 Resp: 247

Ion Ratio Lower Upper

53 100

52 85.8 67.0 100.4

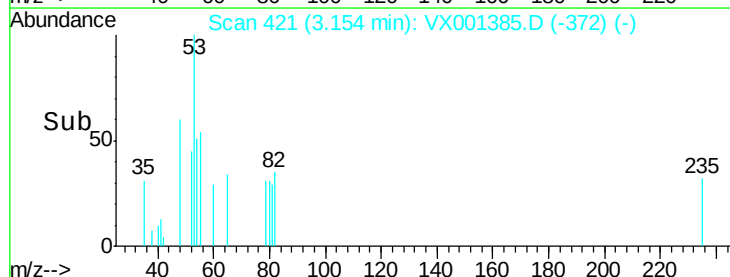
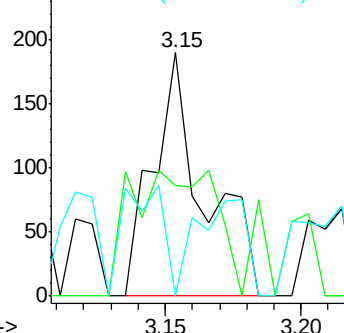
51 34.8 29.9 44.9

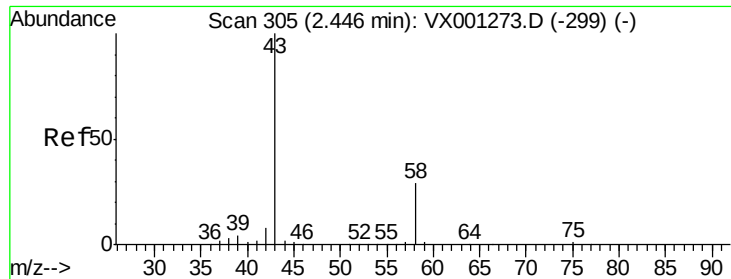


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#16

Acetone

Concen: 1.06 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX001385.D

Acq: 04 May 2018 07:52

Instrument :

MSVOA_X

ClientSampleId :

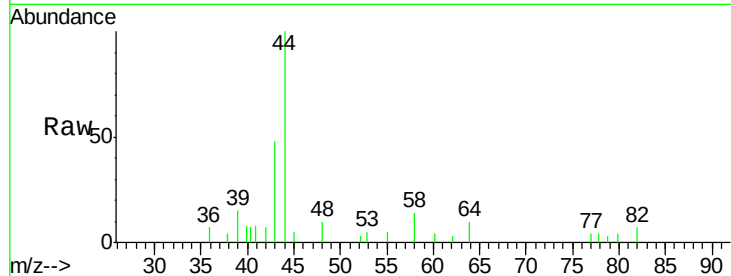
9-R(7-7.5)

Tgt Ion: 43 Resp: 1141

Ion Ratio Lower Upper

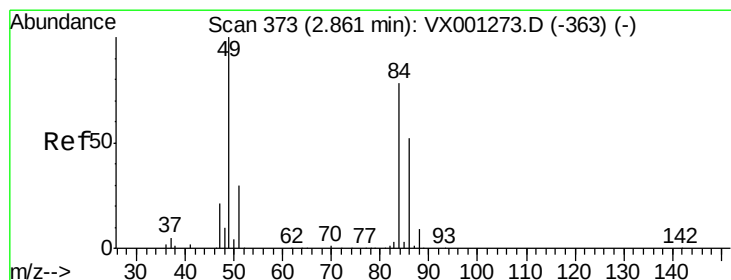
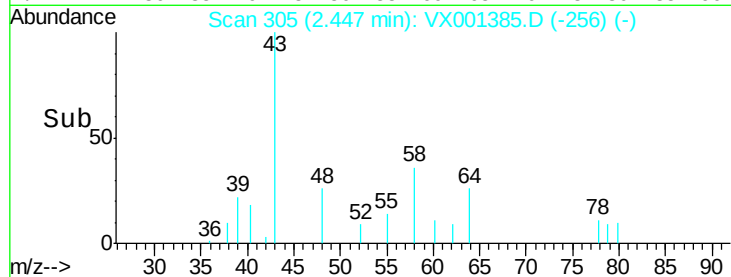
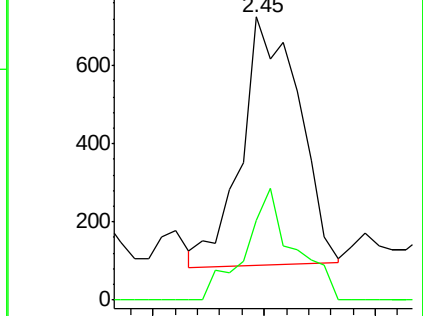
43 100

58 33.2 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#20

Methylene Chloride

Concen: Below Cal

RT: 2.86 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX001385.D

Acq: 04 May 2018 07:52

Tgt Ion: 84 Resp: 331

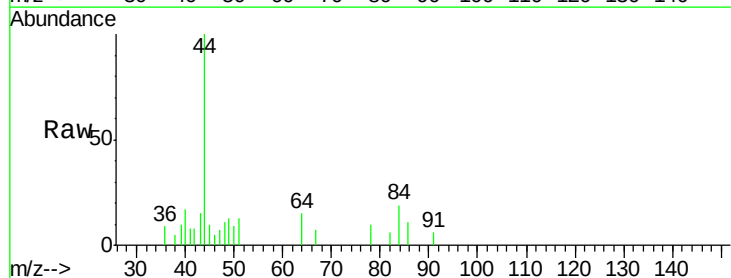
Ion Ratio Lower Upper

84 100

49 67.8 102.8 154.2#

51 68.3 30.9 46.3#

86 58.7 53.0 79.4

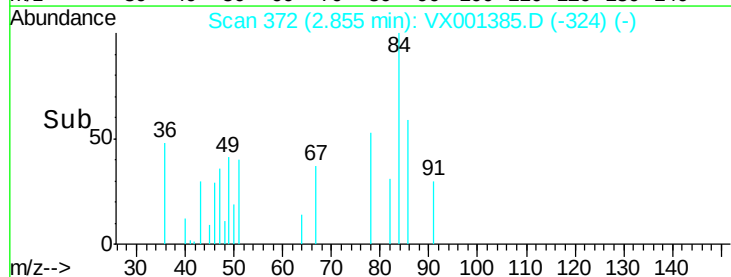
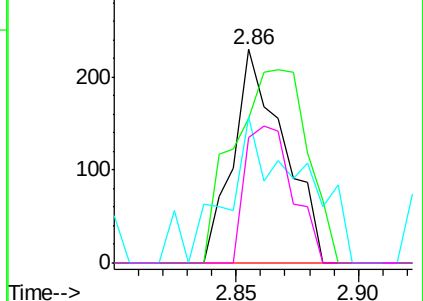


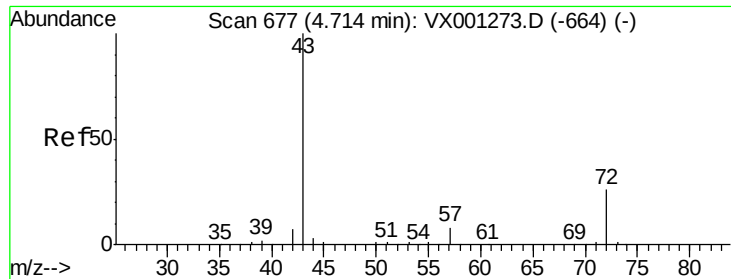
Abundance Ion 83.90 (83.60 to 84.60): VX0

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: 0.30 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX001385.D

Acq: 04 May 2018 07:52

Instrument :

MSVOA_X

ClientSampled :

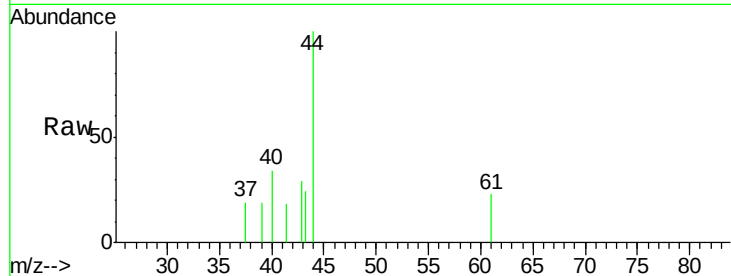
9-R(7-7.5)

Tgt Ion: 43 Resp: 430

Ion Ratio Lower Upper

43 100

72 0.0 20.5 30.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.71

150

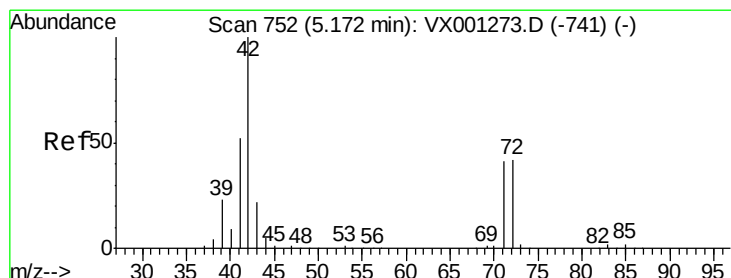
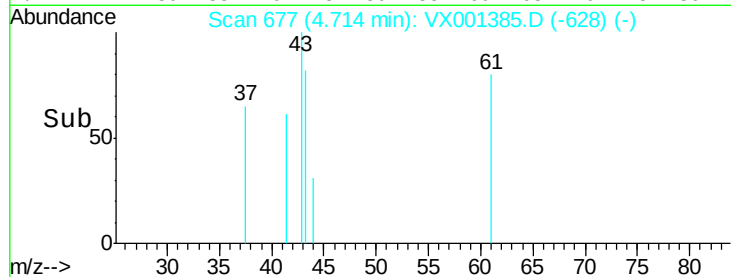
100

50

0

Time-->

4.65 4.70 4.75



#29

Tetrahydrofuran

Concen: 0.45 ug/l

RT: 5.18 min Scan# 754

Delta R.T. 0.01 min

Lab File: VX001385.D

Acq: 04 May 2018 07:52

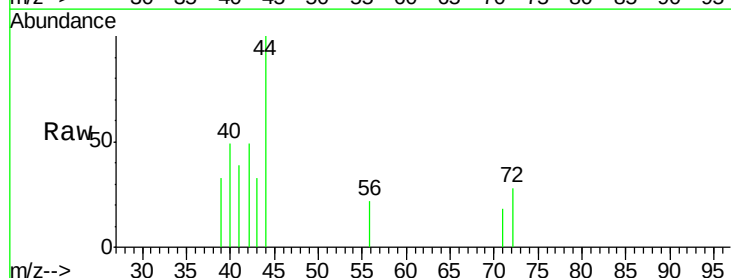
Tgt Ion: 42 Resp: 406

Ion Ratio Lower Upper

42 100

72 15.0 34.6 52.0#

71 4.7 32.7 49.1#



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

150

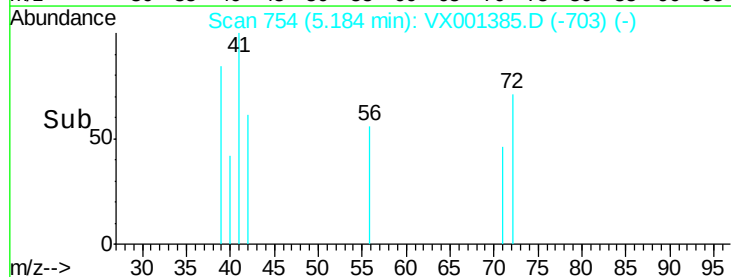
100

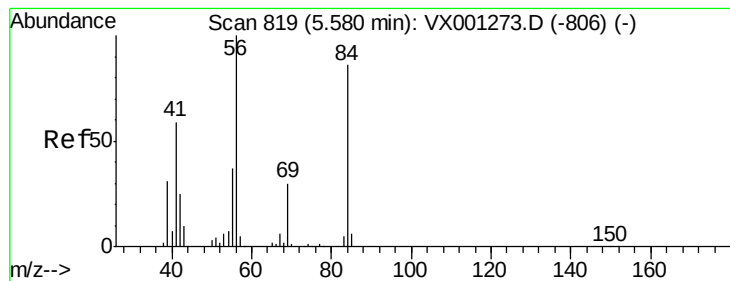
50

0

Time-->

5.15 5.20 5.25





#31

Cyclohexane

Concen: 1.07 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.09 min

Lab File: VX001385.D

Acq: 04 May 2018 07:52

Instrument :

MSVOA_X

ClientSampleId :

9-R(7-7.5)

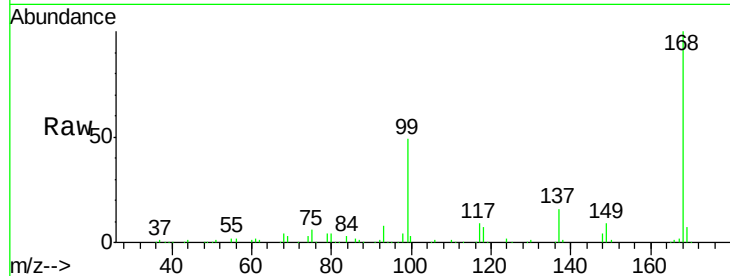
Tgt Ion: 56 Resp: 3319

Ion Ratio Lower Upper

56 100

69 148.2 24.0 36.0#

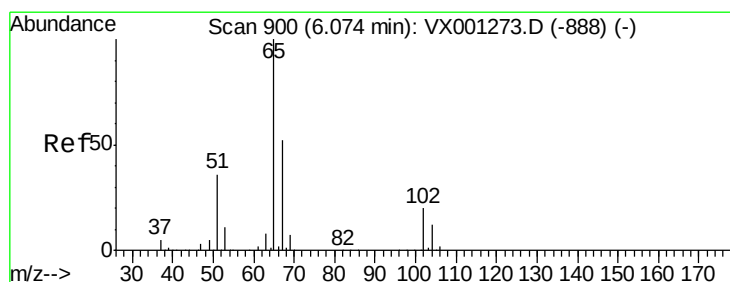
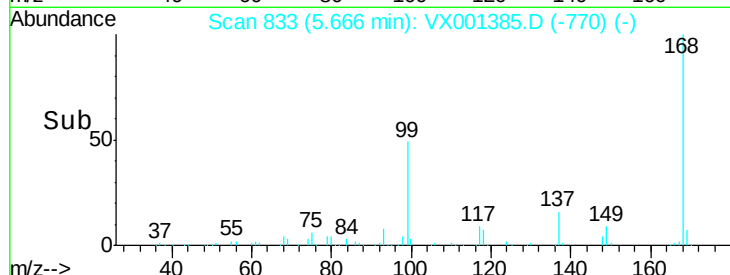
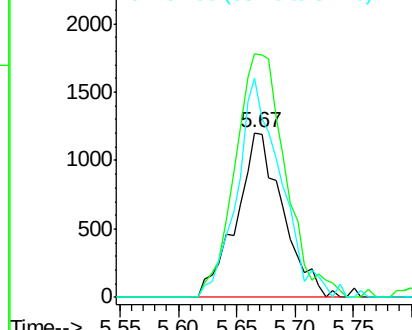
84 133.5 69.0 103.4#



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: 44.38 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001385.D

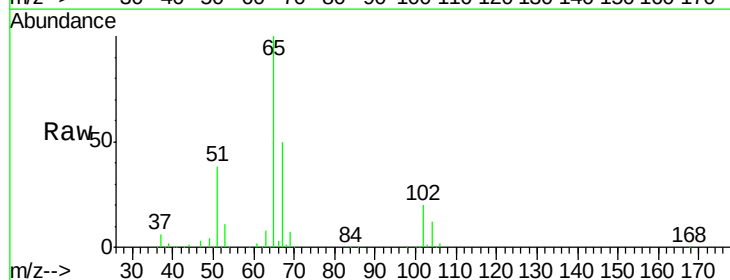
Acq: 04 May 2018 07:52

Tgt Ion: 65 Resp: 111885

Ion Ratio Lower Upper

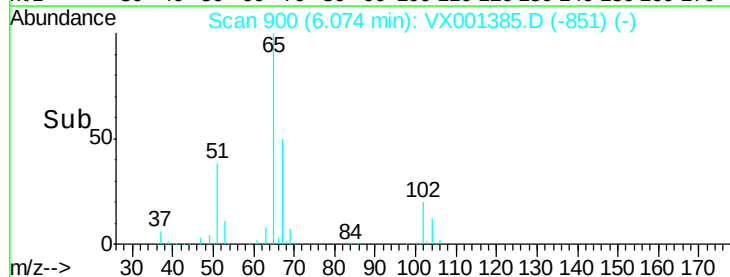
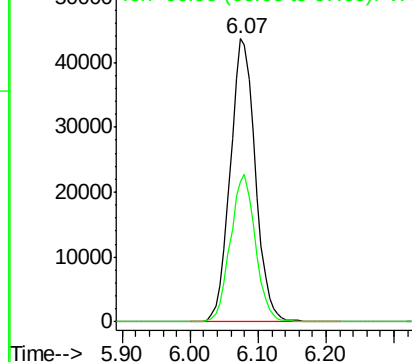
65 100

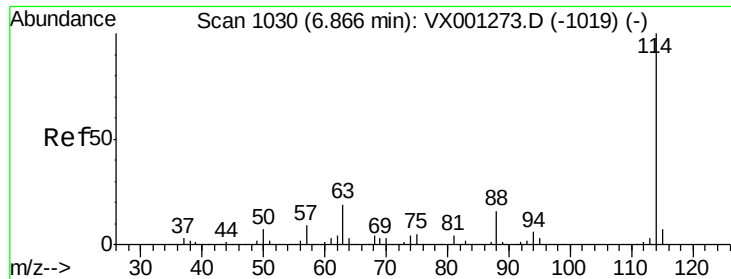
67 51.8 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001385.D

Acq: 04 May 2018 07:52

Instrument :

MSVOA_X

ClientSampled :

9-R(7-7.5)

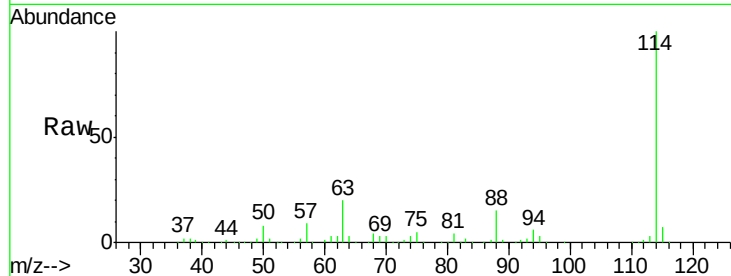
Tgt Ion:114 Resp: 255822

Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.8

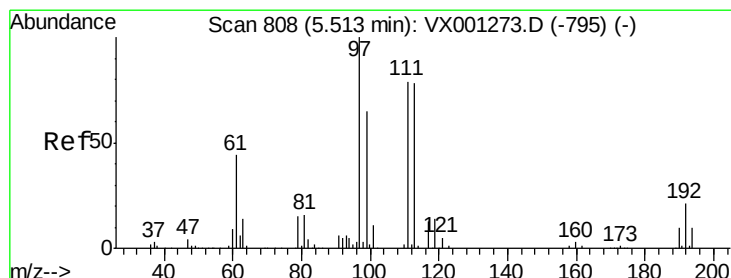
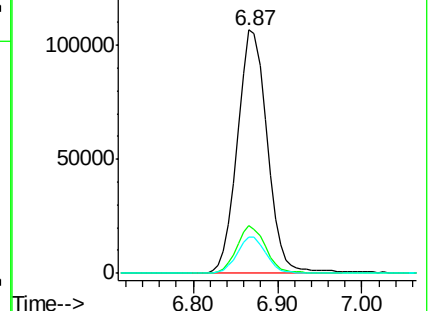
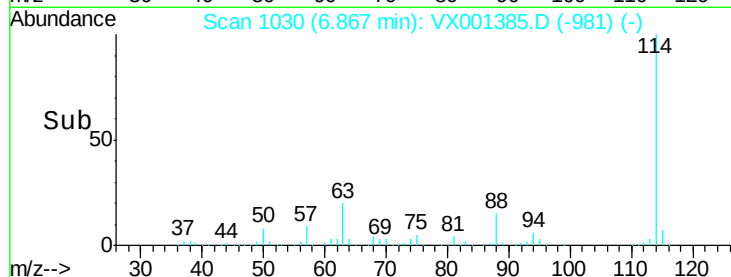
88 15.1 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 41.83 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX001385.D

Acq: 04 May 2018 07:52

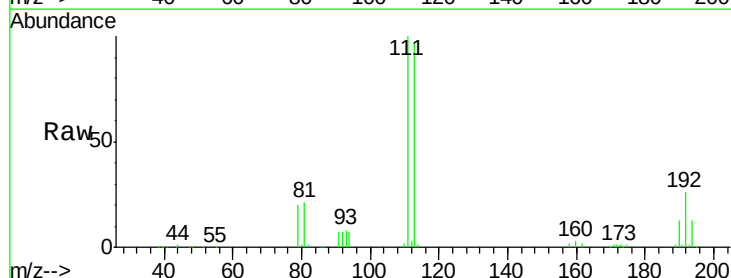
Tgt Ion:113 Resp: 92181

Ion Ratio Lower Upper

113 100

111 102.4 81.2 121.8

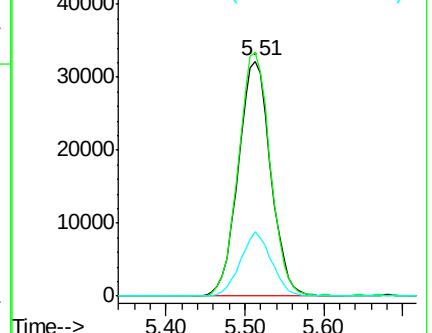
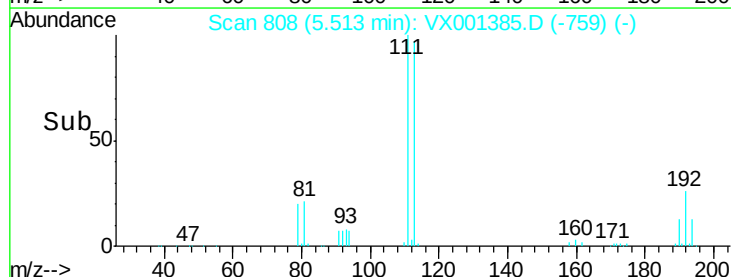
192 26.1 20.7 31.1

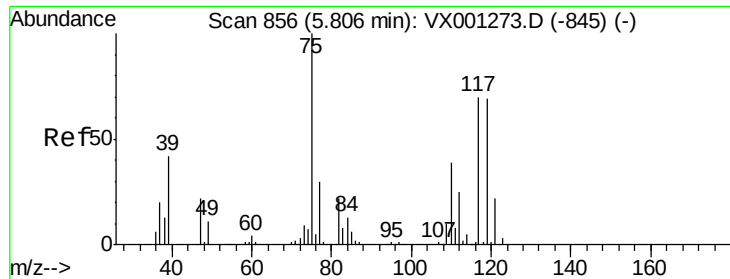


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

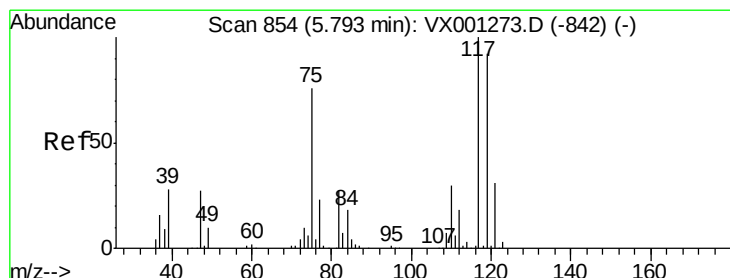
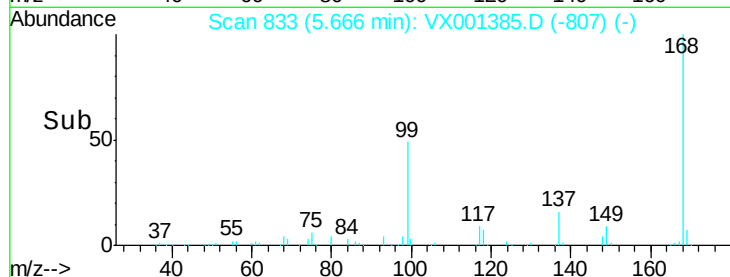
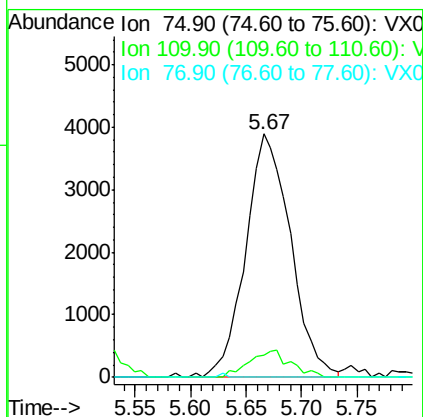
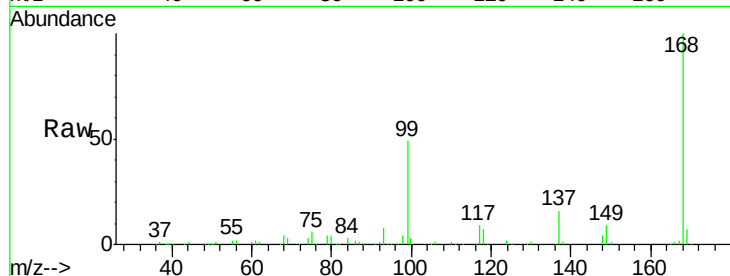




#36
 1,1-Dichloropropene
 Concen: 3.70 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.14 min
 Lab File: VX001385.D
 Acq: 04 May 2018 07:52

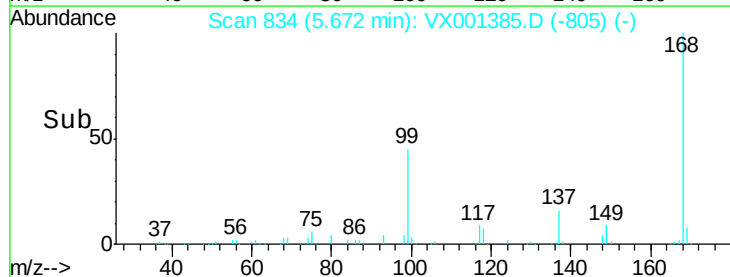
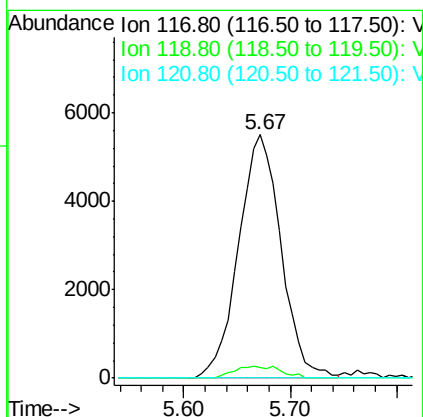
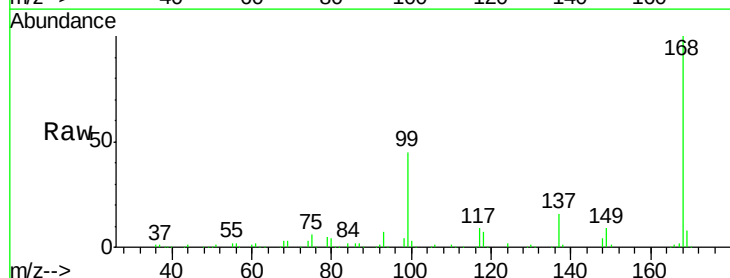
Instrument :
 MSVOA_X
 ClientSampled :
 9-R(7-7.5)

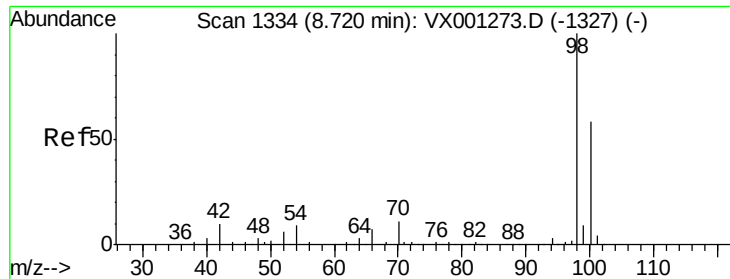
Tgt Ion: 75 Resp: 10927
 Ion Ratio Lower Upper
 75 100
 110 10.3 18.9 56.9#
 77 0.0 24.2 36.2#



#38
 Carbon Tetrachloride
 Concen: 4.97 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.12 min
 Lab File: VX001385.D
 Acq: 04 May 2018 07:52

Tgt Ion: 117 Resp: 15366
 Ion Ratio Lower Upper
 117 100
 119 4.6 73.4 110.2#
 121 0.0 25.0 37.4#

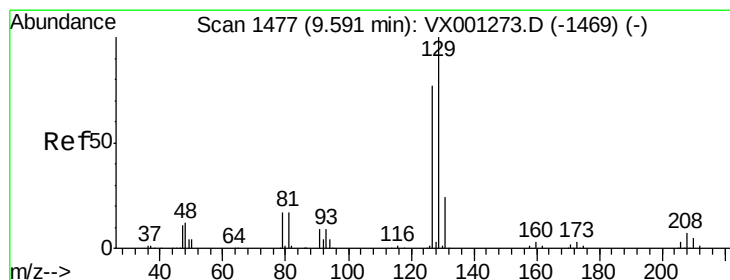
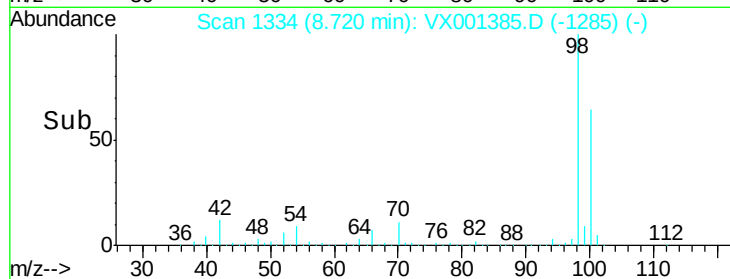
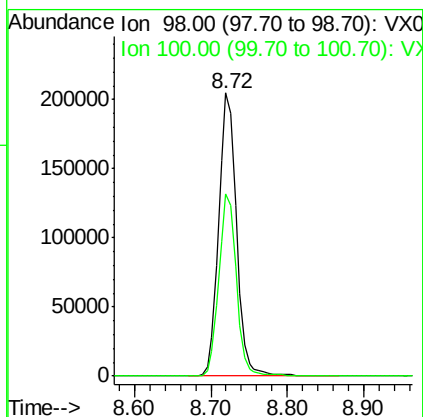
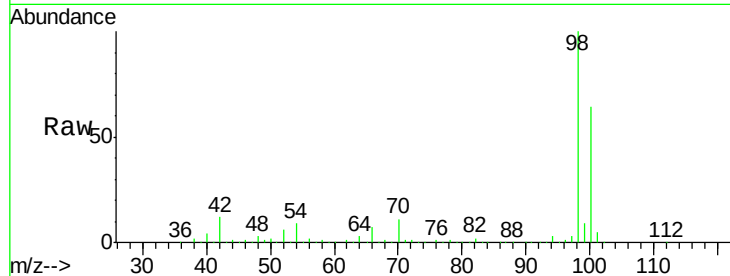




#50
Toluene-d8
Concen: 42.17 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001385.D
Acq: 04 May 2018 07:52

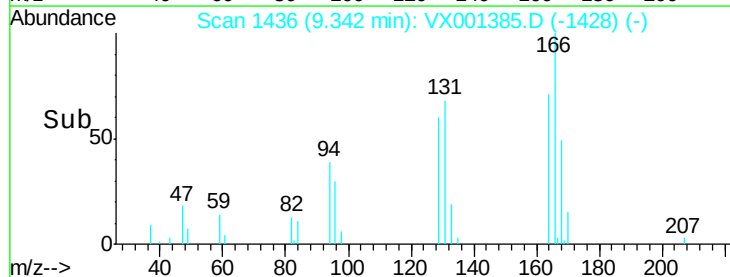
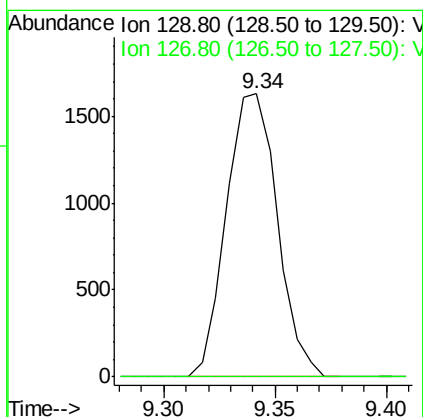
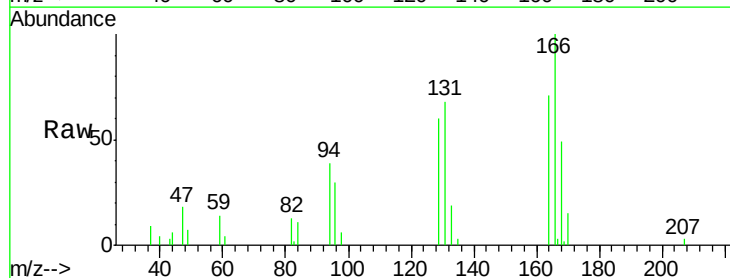
Instrument :
MSVOA_X
ClientSampleId :
9-R(7-7.5)

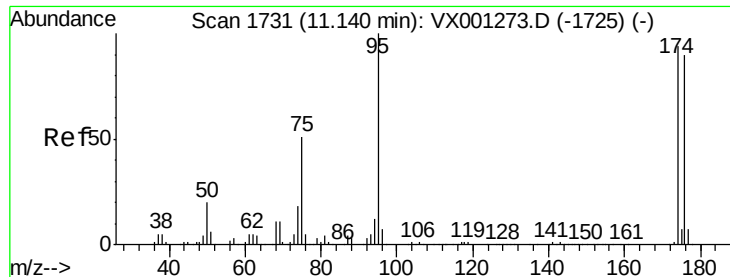
Tgt Ion: 98 Resp: 332010
Ion Ratio Lower Upper
98 100
100 63.7 51.0 76.4



#60
Dibromochloromethane
Concen: 1.11 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.25 min
Lab File: VX001385.D
Acq: 04 May 2018 07:52

Tgt Ion: 129 Resp: 2595
Ion Ratio Lower Upper
129 100
127 0.0 39.1 117.3#

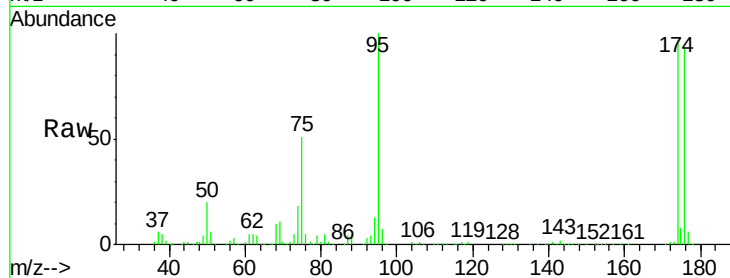




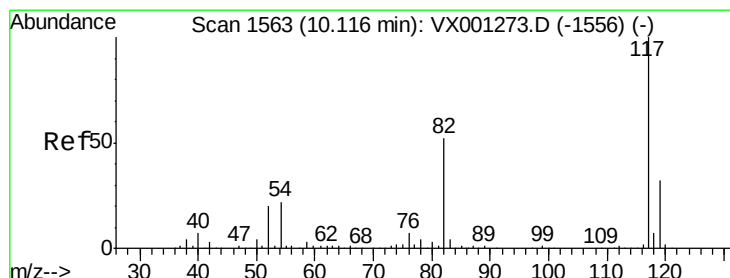
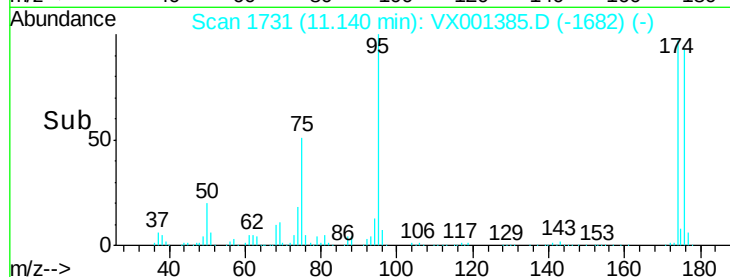
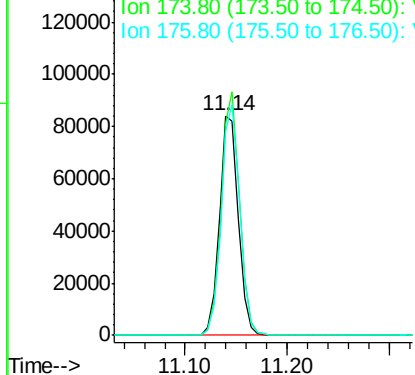
#62
4-Bromofluorobenzene
Concen: 34.71 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001385.D
Acq: 04 May 2018 07:52

Instrument :
MSVOA_X
ClientSampleId :
9-R(7-7.5)

Tgt Ion: 95 Resp: 109307
Ion Ratio Lower Upper
95 100
174 107.0 0.0 201.8
176 102.4 0.0 197.2

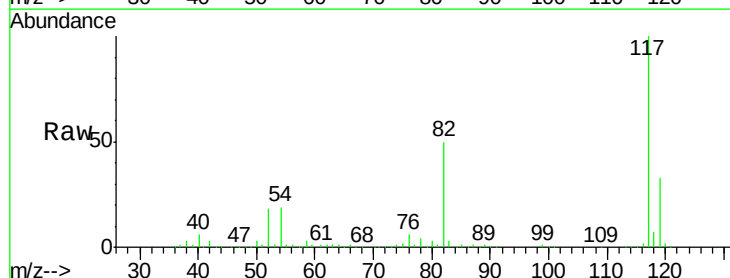


Abundance Ion 94.90 (94.60 to 95.60): VX001385.D (-1682) (-)
Ion 173.80 (173.50 to 174.50): VX001385.D (-1682) (-)
Ion 175.80 (175.50 to 176.50): VX001385.D (-1682) (-)

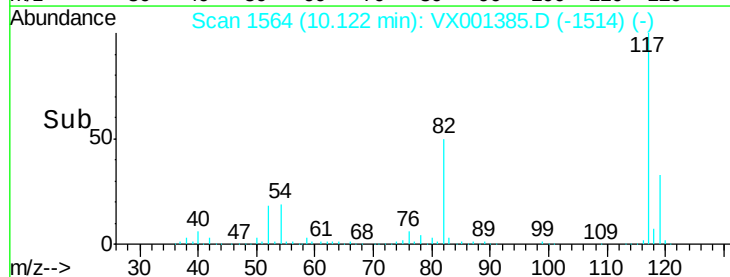
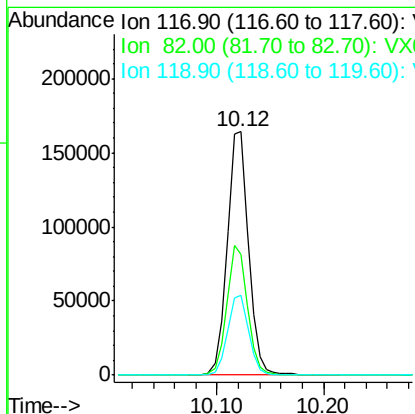


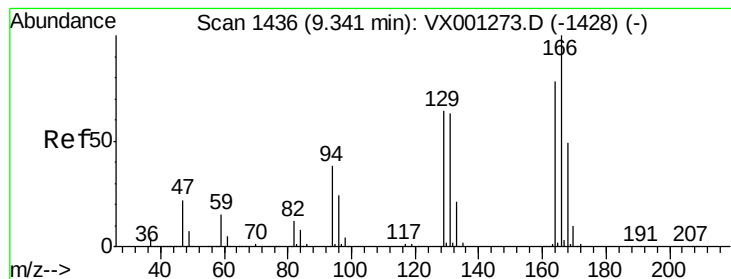
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001385.D
Acq: 04 May 2018 07:52

Tgt Ion: 117 Resp: 231704
Ion Ratio Lower Upper
117 100
82 49.8 41.4 62.0
119 33.0 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): VX001385.D (-1514) (-)
Ion 82.00 (81.70 to 82.70): VX001385.D (-1514) (-)
Ion 118.90 (118.60 to 119.60): VX001385.D (-1514) (-)





#64

Tetrachloroethene

Concen: 1.16 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.00 min

Lab File: VX001385.D

Acq: 04 May 2018 07:52

Instrument :

MSVOA_X

ClientSampleId :

9-R(7-7.5)

Tgt Ion:164 Resp: 3186

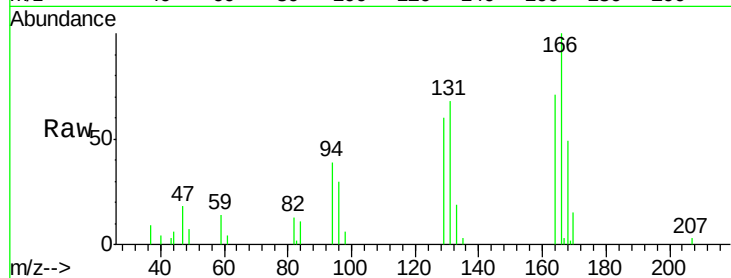
Ion Ratio Lower Upper

164 100

166 141.2 102.3 153.5

129 84.5 65.1 97.7

131 95.8 64.2 96.4

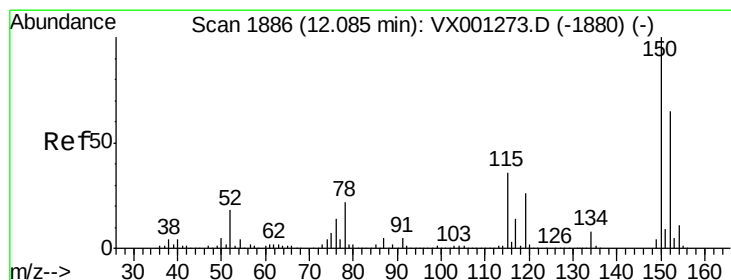
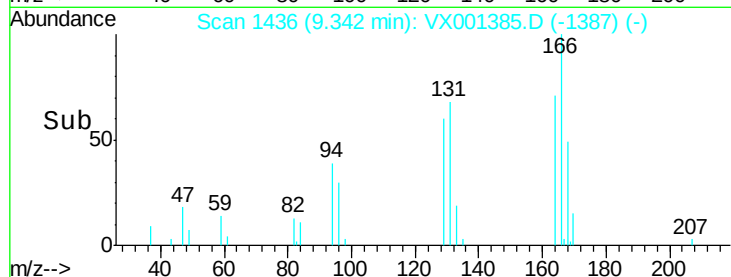
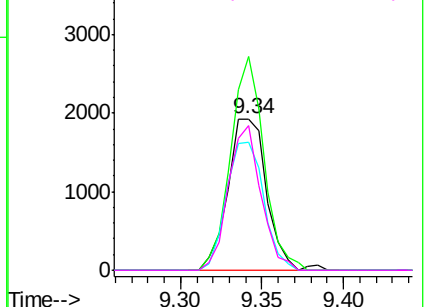


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): 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: VX001385.D

Acq: 04 May 2018 07:52

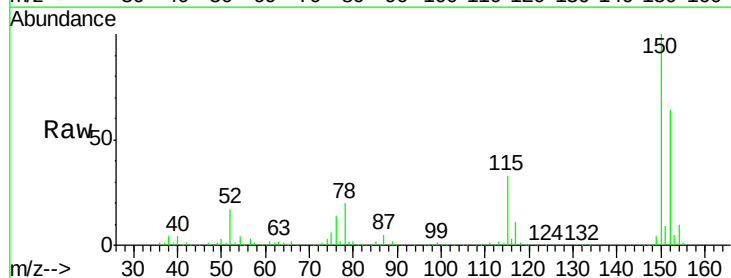
Tgt Ion:152 Resp: 118181

Ion Ratio Lower Upper

152 100

115 51.6 38.6 115.7

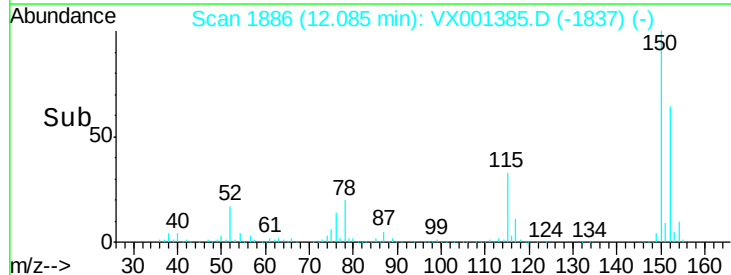
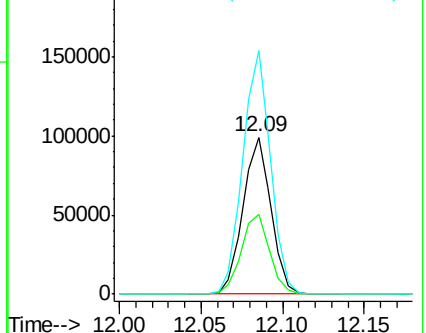
150 154.9 0.0 349.2

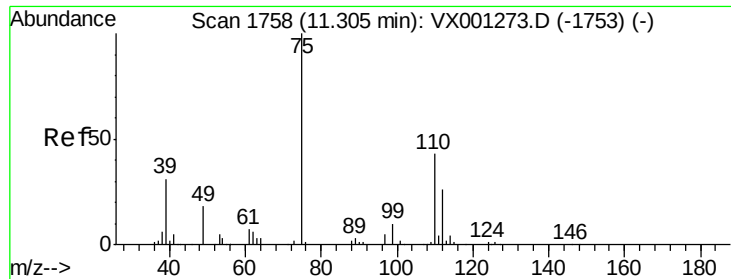


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

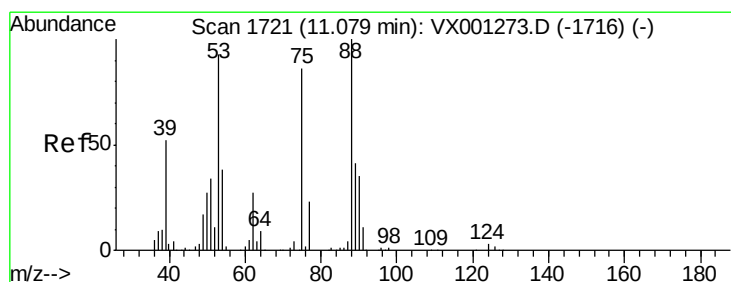
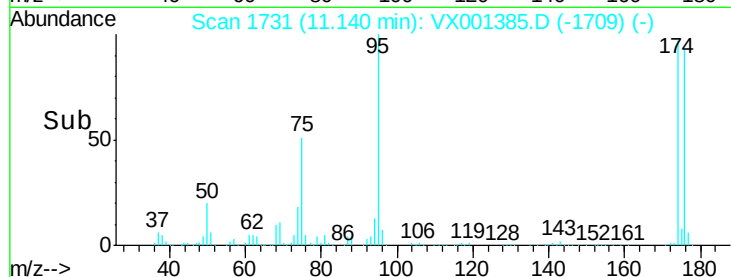
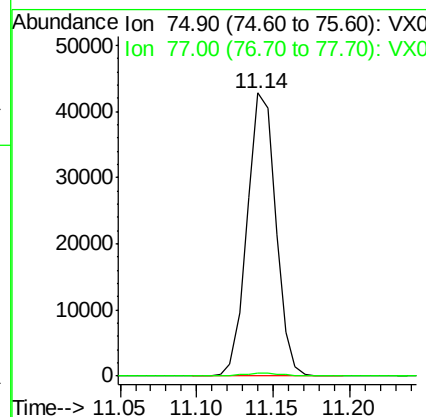
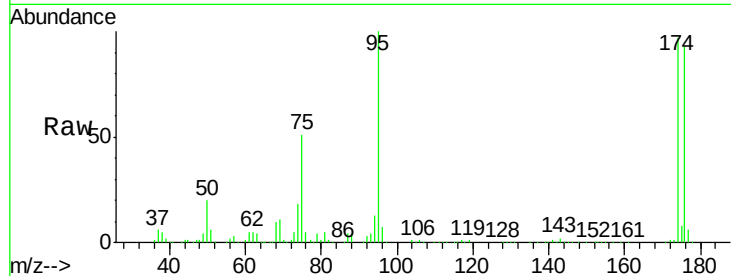




#76
 1,2,3-Trichloropropane
 Concen: 25.53 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX001385.D
 Acq: 04 May 2018 07:52

Instrument :
 MSVOA_X
 ClientSampleId :
 9-R(7-7.5)

Tgt Ion: 75 Resp: 55797
 Ion Ratio Lower Upper
 75 100
 77 1.3 18.9 56.5#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.23 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX001385.D
 Acq: 04 May 2018 07:52

Tgt Ion: 75 Resp: 55797
 Ion Ratio Lower Upper
 75 100
 53 0.0 87.1 130.7#
 89 0.0 38.9 58.3#

