

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX051618\
 Data File : VX001774.D
 Acq On : 16 May 2018 19:37
 Operator : JC/MD
 Sample : J2853-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW214-180507

Quant Time: May 17 02:58:24 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	268737	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	361983	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	289407	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	139580	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	213407	59.24	ug/l	0.00
Spiked Amount			Recovery	=	118.48%	
35) Dibromofluoromethane	5.51	113	177555	58.12	ug/l	0.00
Spiked Amount			Recovery	=	116.24%	
50) Toluene-d8	8.72	98	623401	56.98	ug/l	0.00
Spiked Amount			Recovery	=	113.96%	
62) 4-Bromofluorobenzene	11.15	95	173179	43.96	ug/l	0.00
Spiked Amount			Recovery	=	87.92%	

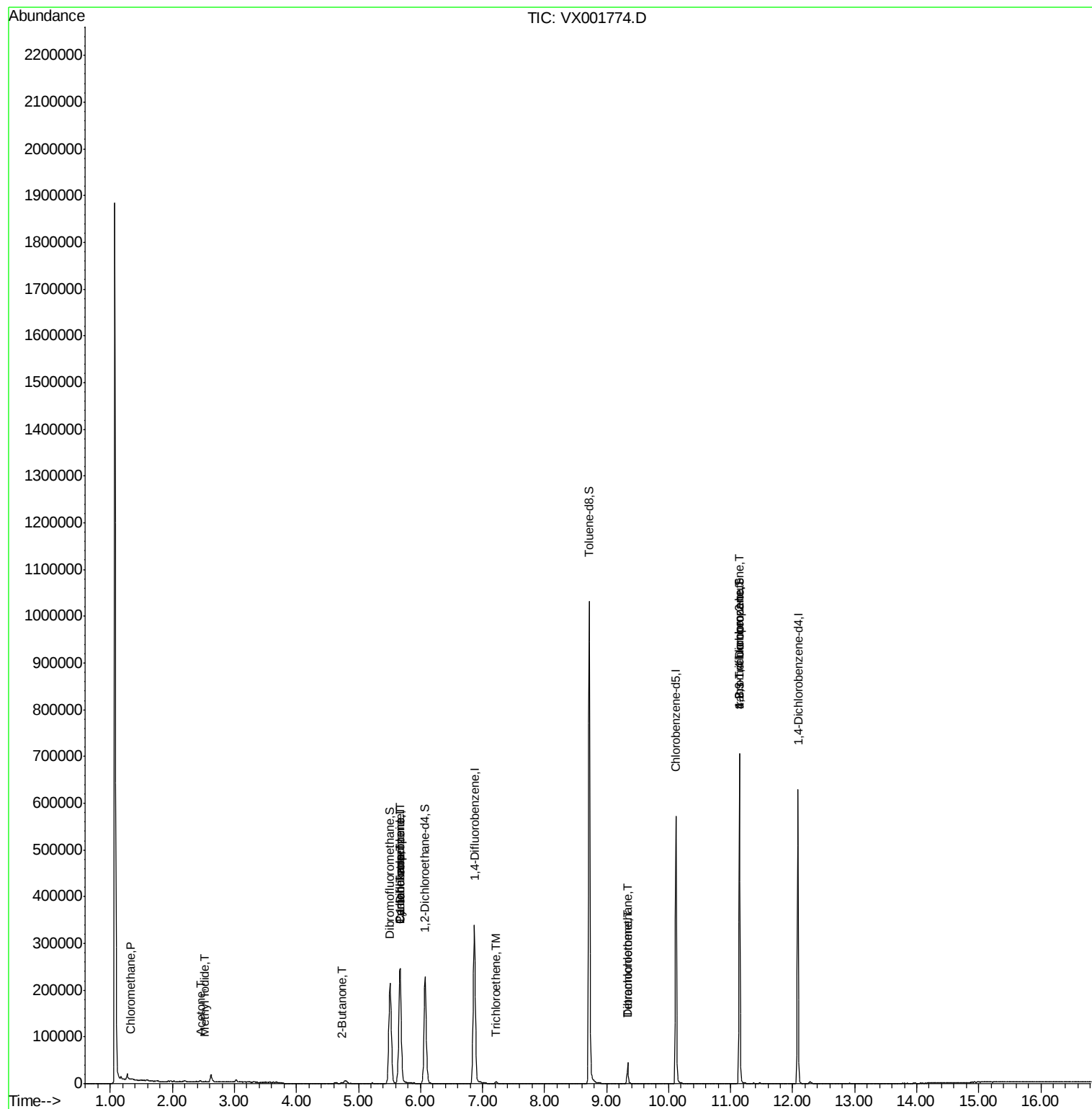
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	590	0.20	ug/l	96
5) Bromomethane	1.66	94	1091	Below Cal		91
10) Methyl Iodide	2.52	142	912	0.36	ug/l #	90
16) Acetone	2.45	43	2673	1.89	ug/l	93
25) 2-Butanone	4.73	43	1274	0.59	ug/l	99
31) Cyclohexane	5.67	56	4174	0.92	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	16155	3.88	ug/l #	48
38) Carbon Tetrachloride	5.67	117	21668	4.96	ug/l #	17
44) Trichloroethene	7.22	130	1698	0.45	ug/l	100
60) Dibromochloromethane	9.34	129	8077	2.62	ug/l #	11
64) Tetrachloroethene	9.34	164	10237	2.72	ug/l	97
76) 1,2,3-Trichloropropane	11.15	75	82142	30.95	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.15	75	82142	89.44	ug/l #	10

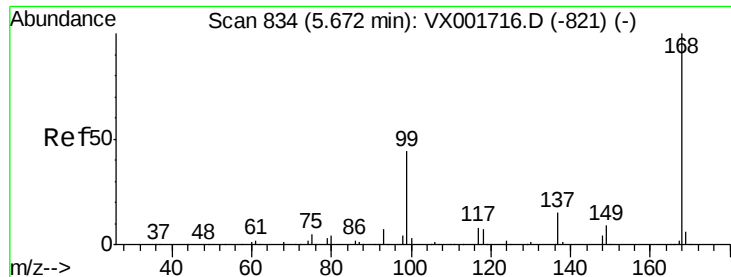
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001774.D

Acq: 16 May 2018 19:37

Instrument :

MSVOA_X

ClientSampleId :

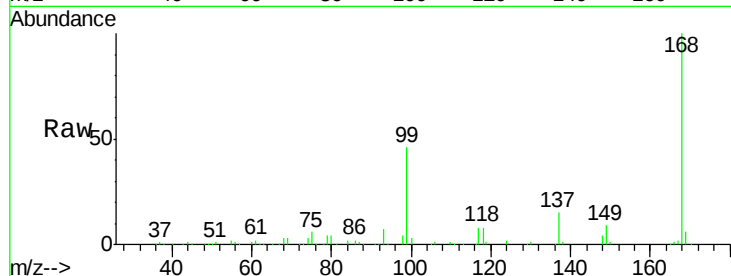
ST008MW214-180507

Tgt Ion:168 Resp: 268737

Ion Ratio Lower Upper

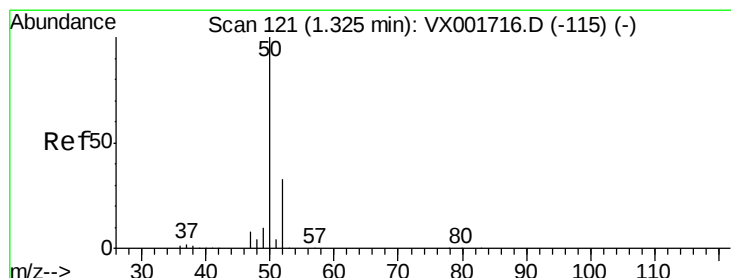
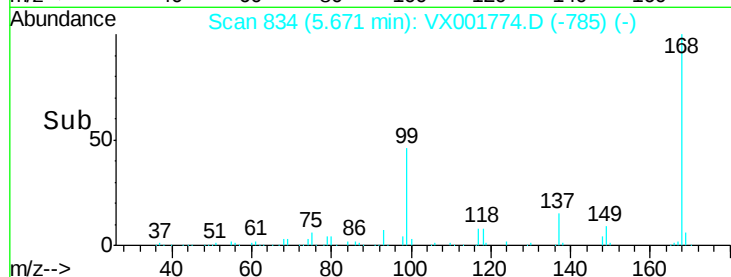
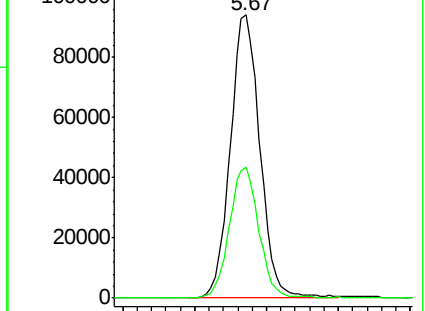
168 100

99 46.3 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.20 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001774.D

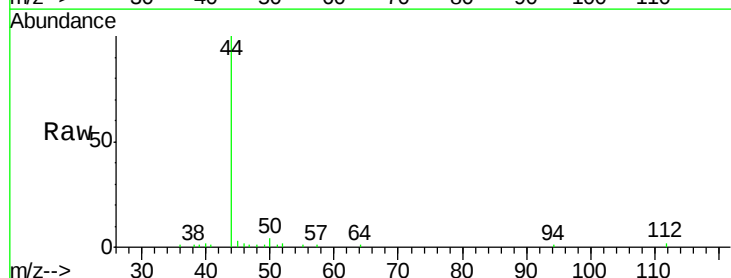
Acq: 16 May 2018 19:37

Tgt Ion: 50 Resp: 590

Ion Ratio Lower Upper

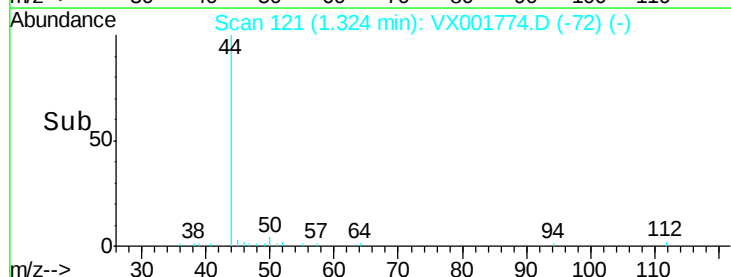
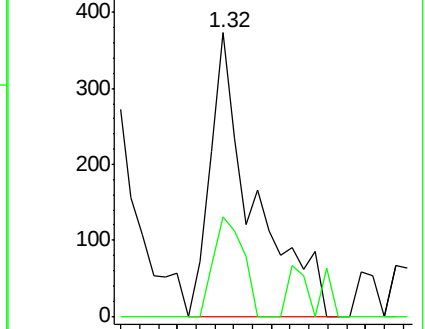
50 100

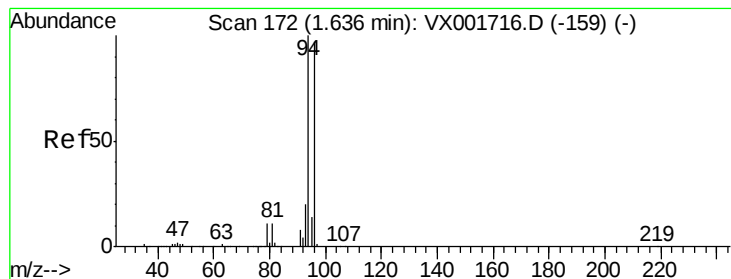
52 35.1 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: Below Cal

RT: 1.66 min Scan# 176

Delta R.T. 0.02 min

Lab File: VX001774.D

Acq: 16 May 2018 19:37

Instrument :

MSVOA_X

ClientSampleId :

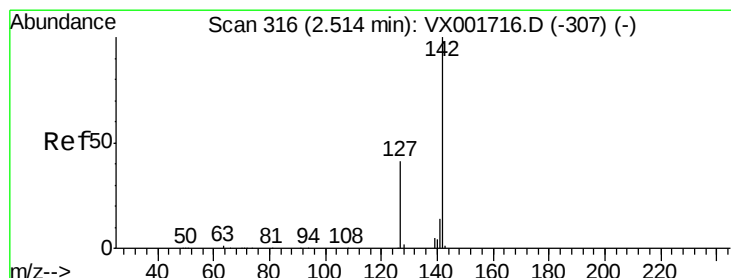
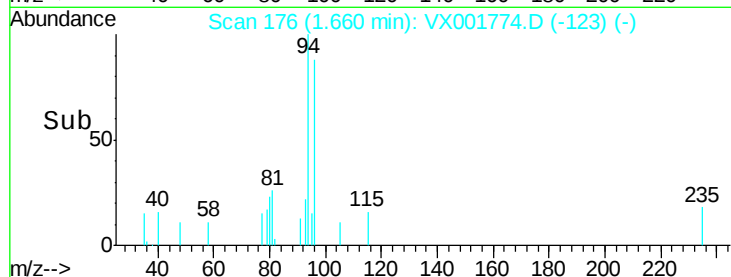
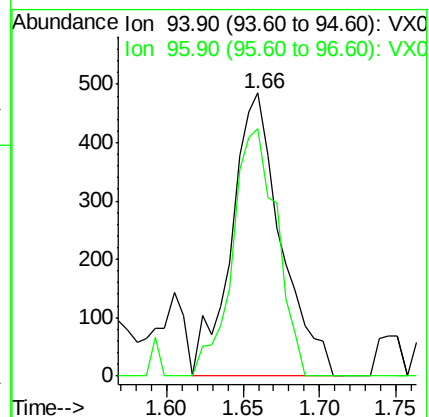
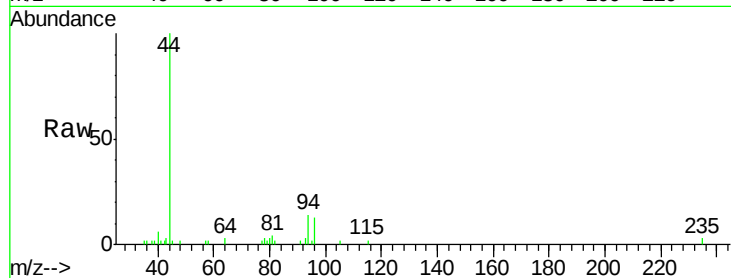
ST008MW214-180507

Tgt Ion: 94 Resp: 1091

Ion Ratio Lower Upper

94 100

96 87.6 77.4 116.0



#10

Methyl Iodide

Concen: 0.36 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX001774.D

Acq: 16 May 2018 19:37

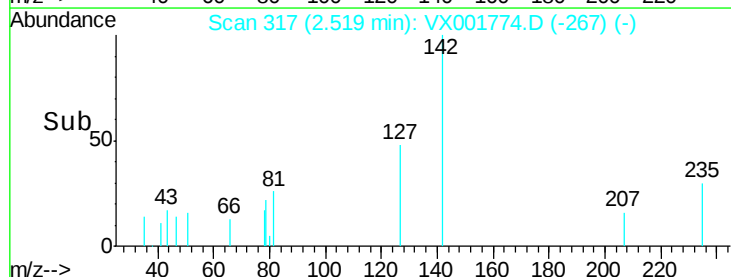
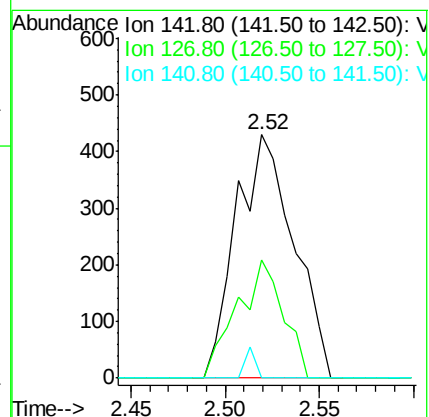
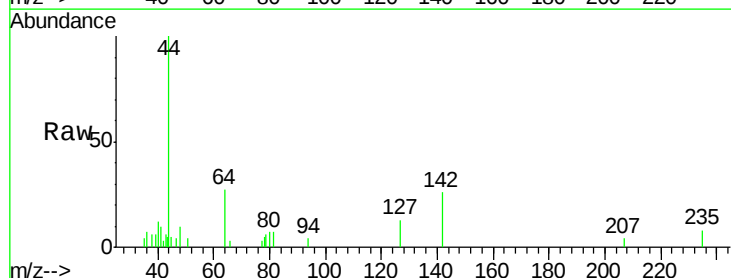
Tgt Ion: 142 Resp: 912

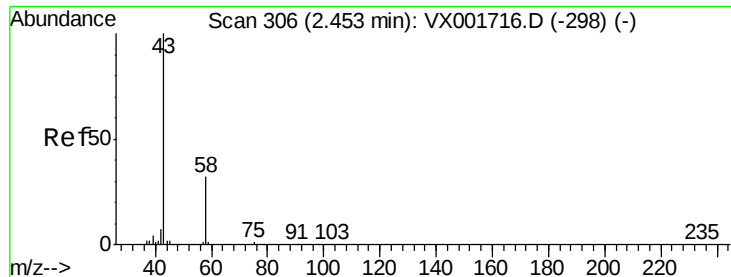
Ion Ratio Lower Upper

142 100

127 38.7 32.5 48.7

141 2.2 11.4 17.0#





#16

Acetone

Concen: 1.89 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001774.D

Acq: 16 May 2018 19:37

Instrument :

MSVOA_X

ClientSampleId :

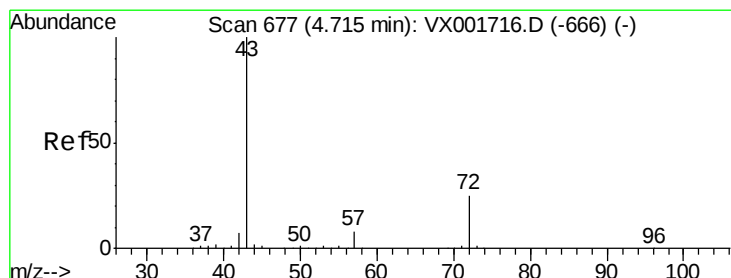
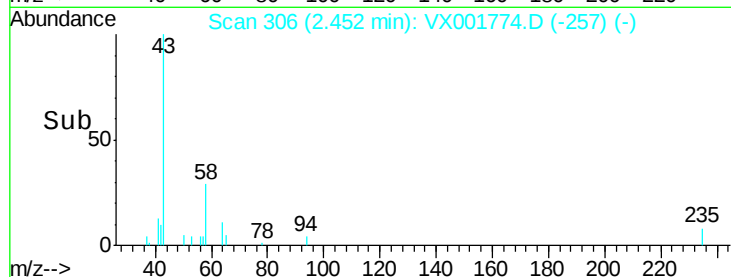
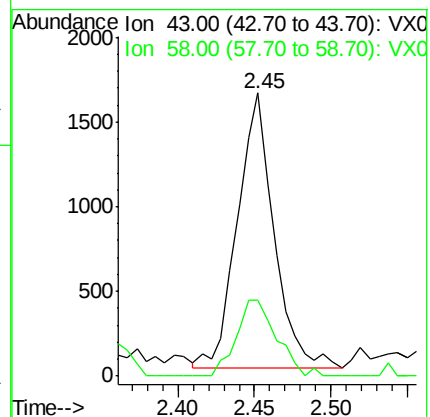
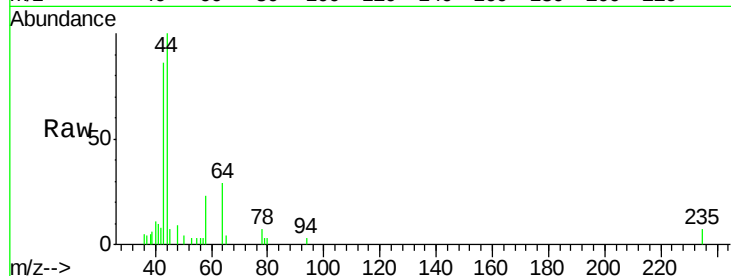
ST008MW214-180507

Tgt Ion: 43 Resp: 2673

Ion Ratio Lower Upper

43 100

58 27.9 25.3 37.9



#25

2-Butanone

Concen: 0.59 ug/l

RT: 4.73 min Scan# 679

Delta R.T. 0.01 min

Lab File: VX001774.D

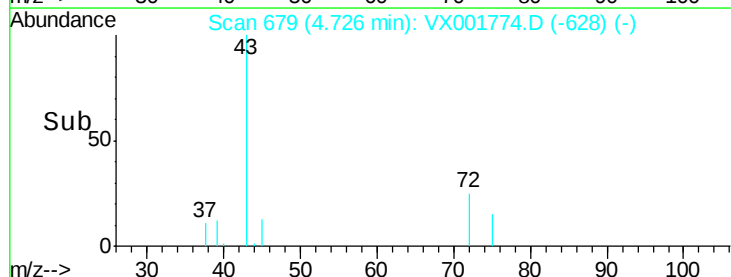
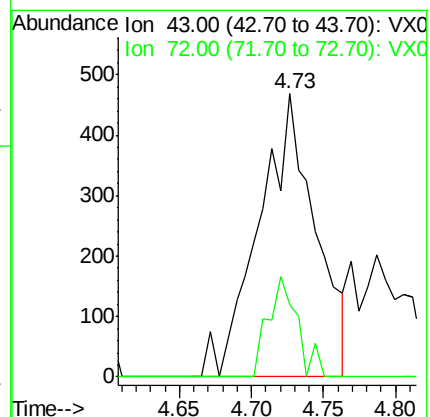
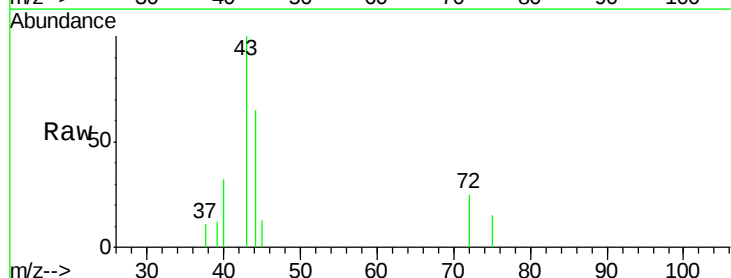
Acq: 16 May 2018 19:37

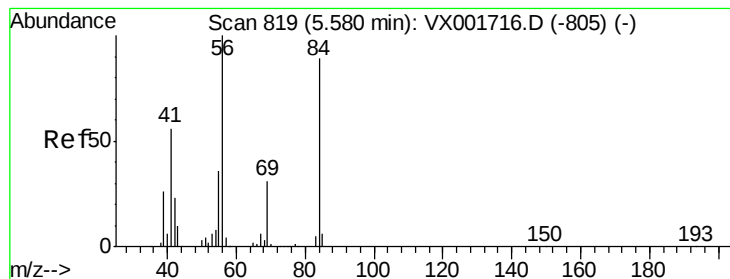
Tgt Ion: 43 Resp: 1274

Ion Ratio Lower Upper

43 100

72 25.4 19.8 29.6





#31

Cyclohexane

Concen: 0.92 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.09 min

Lab File: VX001774.D

Acq: 16 May 2018 19:37

Instrument :

MSVOA_X

ClientSampleId :

ST008MW214-180507

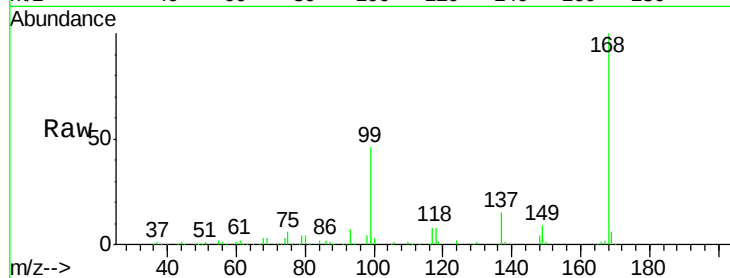
Tgt Ion: 56 Resp: 4174

Ion Ratio Lower Upper

56 100

69 218.8 25.0 37.6#

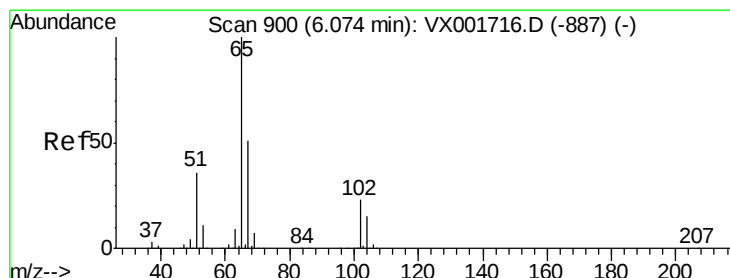
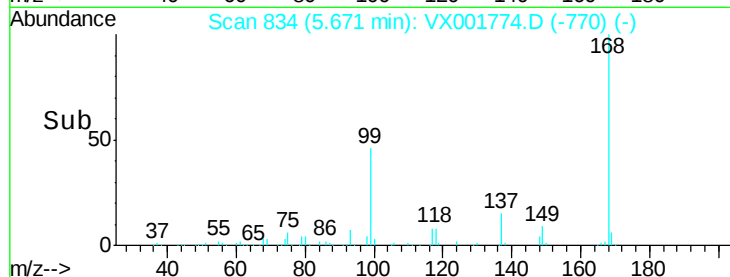
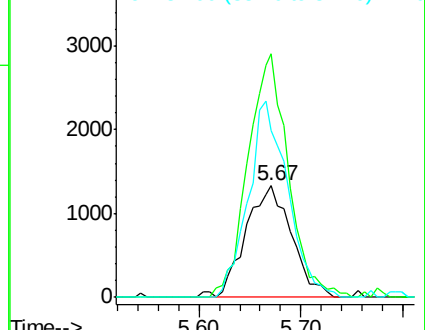
84 150.0 71.0 106.4#



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: 59.24 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001774.D

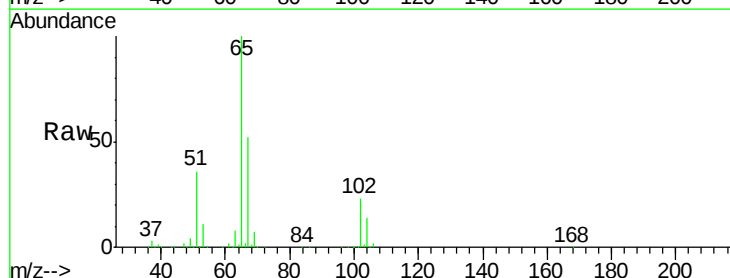
Acq: 16 May 2018 19:37

Tgt Ion: 65 Resp: 213407

Ion Ratio Lower Upper

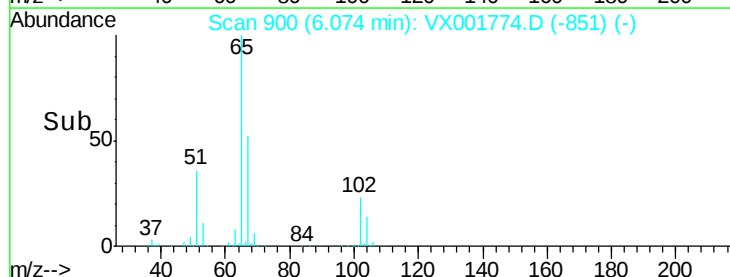
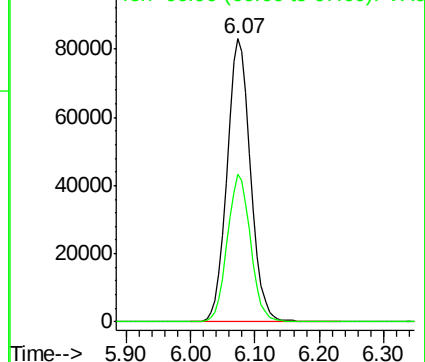
65 100

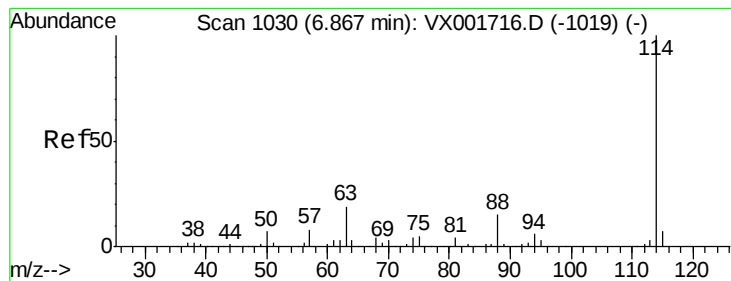
67 51.7 0.0 102.8



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: VX001774.D

Acq: 16 May 2018 19:37

Instrument :

MSVOA_X

ClientSampleId :

ST008MW214-180507

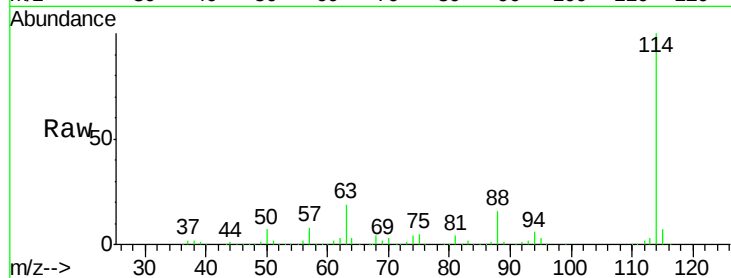
Tgt Ion:114 Resp: 361983

Ion Ratio Lower Upper

114 100

63 19.0 0.0 37.0

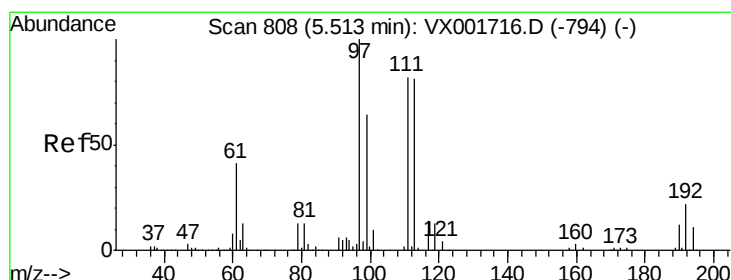
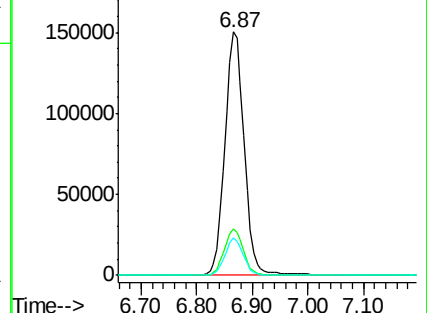
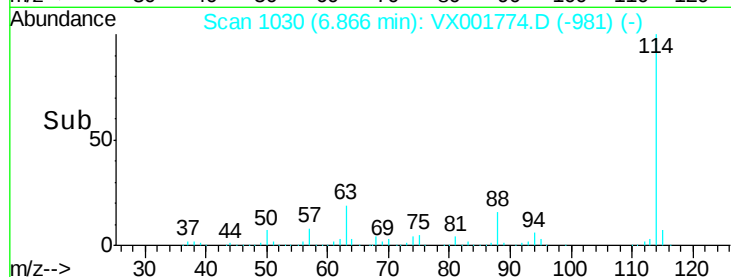
88 15.6 0.0 29.8



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: 58.12 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX001774.D

Acq: 16 May 2018 19:37

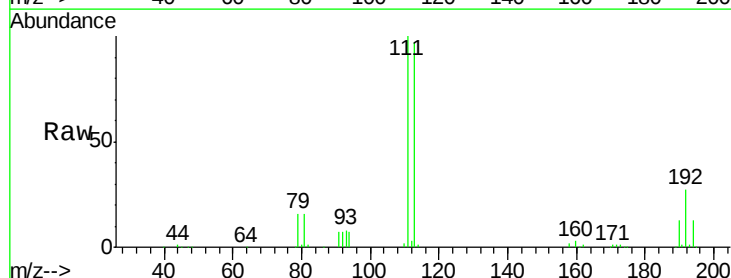
Tgt Ion:113 Resp: 177555

Ion Ratio Lower Upper

113 100

111 102.2 82.0 123.0

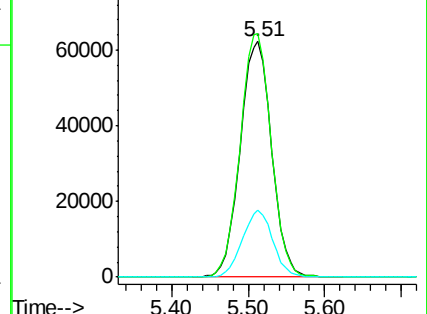
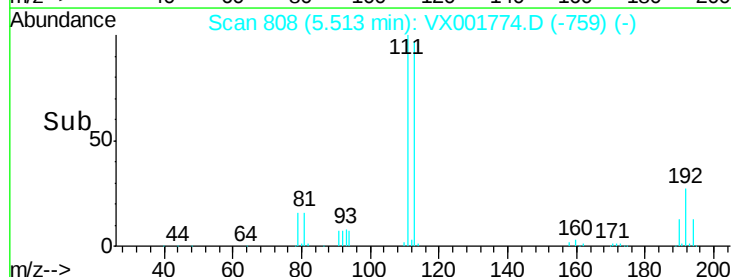
192 27.6 21.6 32.4

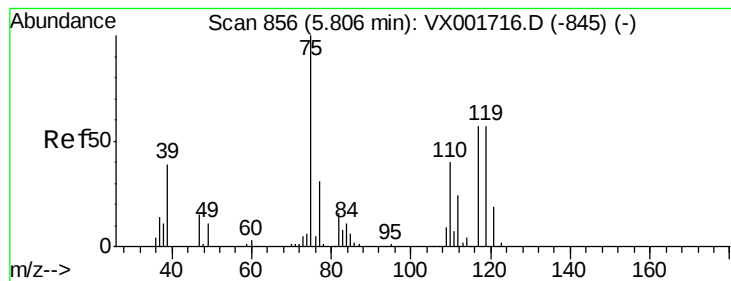


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 3.88 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.14 min

Lab File: VX001774.D

Acq: 16 May 2018 19:37

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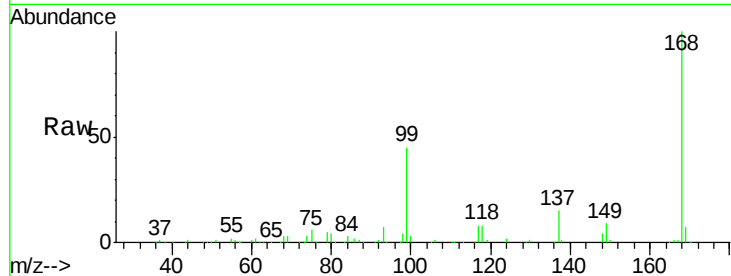
Tgt Ion: 75 Resp: 16155

Ion Ratio Lower Upper

75 100

110 9.2 19.1 57.1#

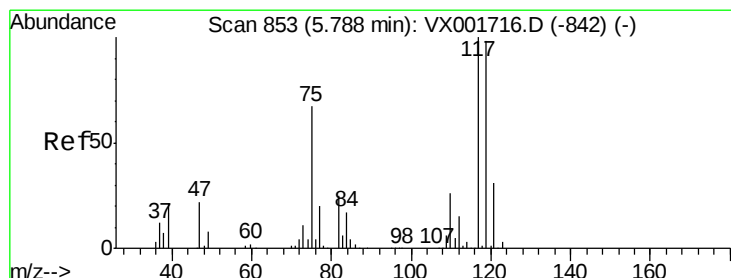
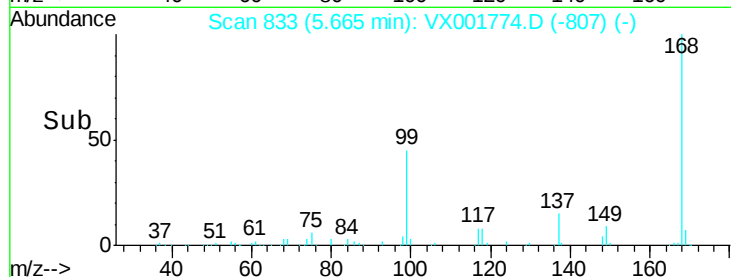
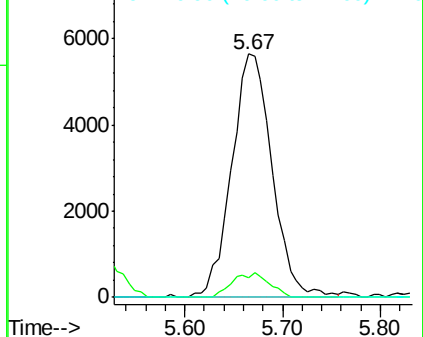
77 0.0 24.6 37.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0



#38

Carbon Tetrachloride

Concen: 4.96 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX001774.D

Acq: 16 May 2018 19:37

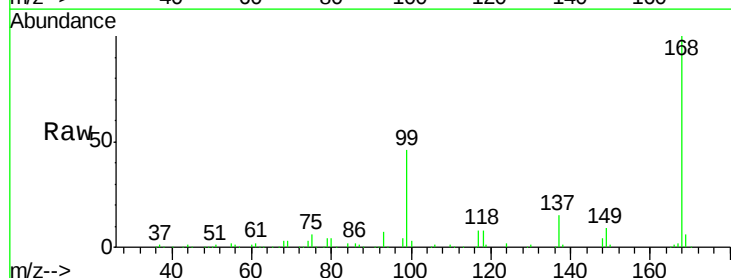
Tgt Ion: 117 Resp: 21668

Ion Ratio Lower Upper

117 100

119 7.2 77.6 116.4#

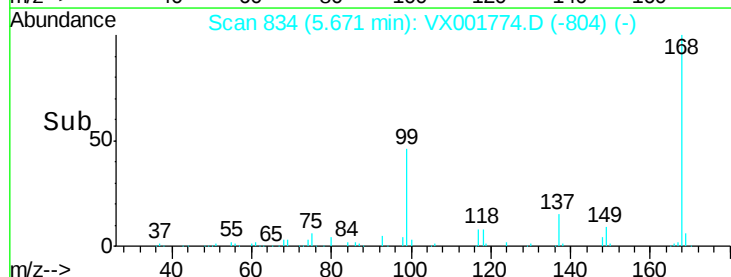
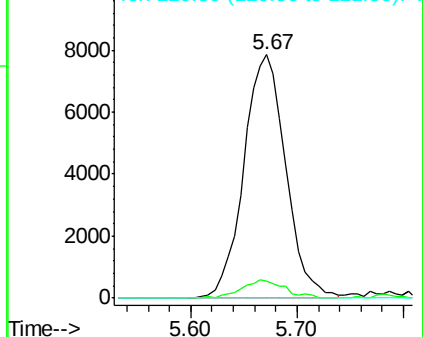
121 0.0 24.6 36.8#

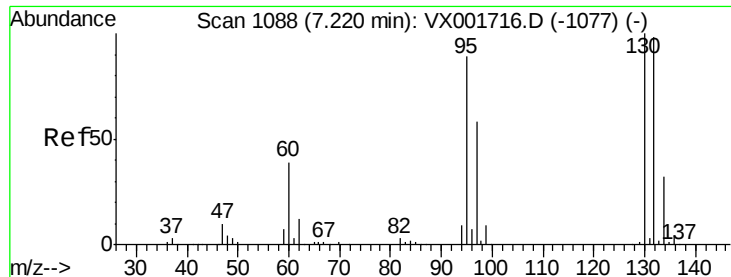


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#44

Trichloroethene

Concen: 0.45 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX001774.D

Acq: 16 May 2018 19:37

Instrument :

MSVOA_X

ClientSampleId :

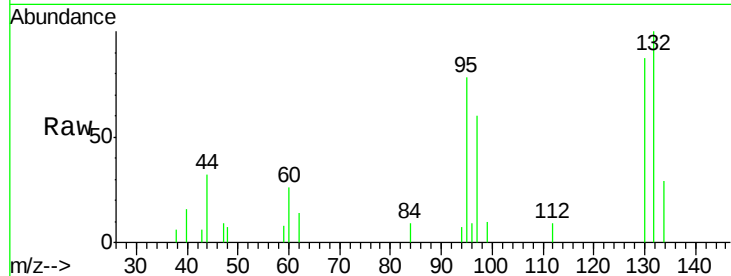
ST008MW214-180507

Tgt Ion:130 Resp: 1698

Ion Ratio Lower Upper

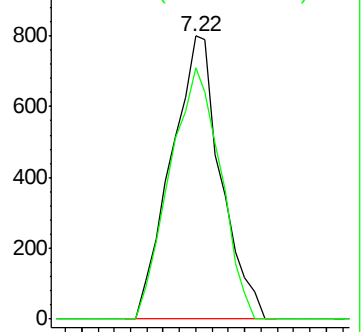
130 100

95 89.0 0.0 177.2

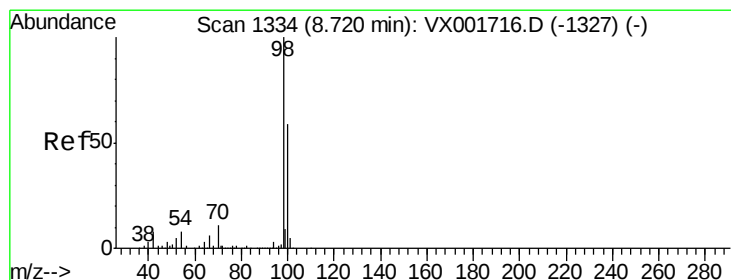
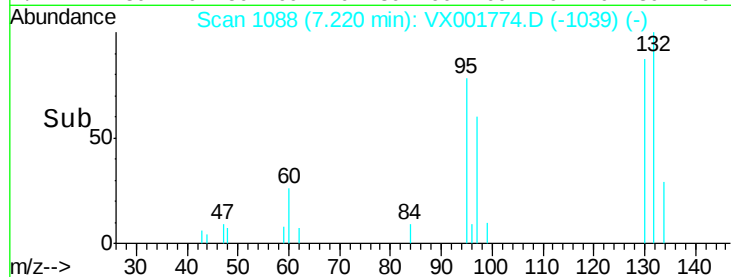


Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



Time-->



#50

Toluene-d8

Concen: 56.98 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001774.D

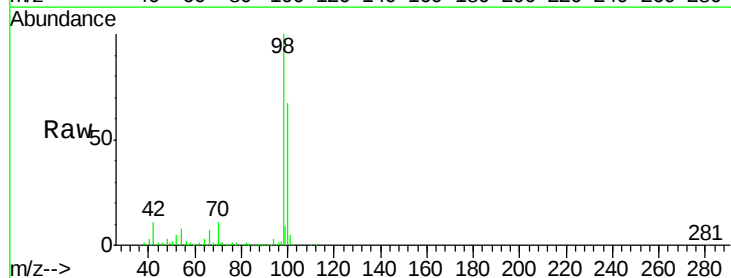
Acq: 16 May 2018 19:37

Tgt Ion: 98 Resp: 623401

Ion Ratio Lower Upper

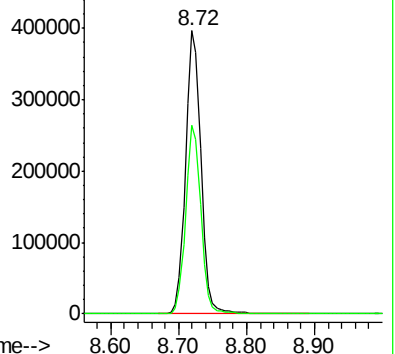
98 100

100 66.1 54.0 81.0

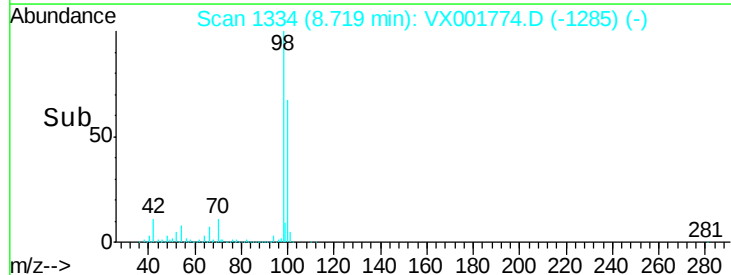


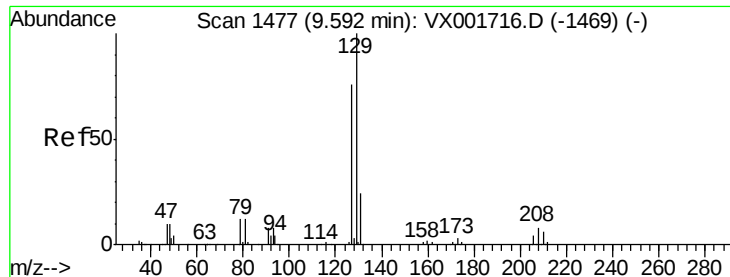
Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



Time-->





#60

Dibromochloromethane

Concen: 2.62 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.25 min

Lab File: VX001774.D

Acq: 16 May 2018 19:37

Instrument :

MSVOA_X

ClientSampleId :

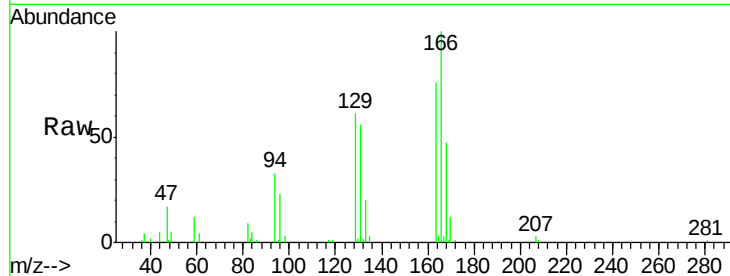
ST008MW214-180507

Tgt Ion:129 Resp: 8077

Ion Ratio Lower Upper

129 100

127 0.0 38.7 116.1#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.34

6000

5000

4000

3000

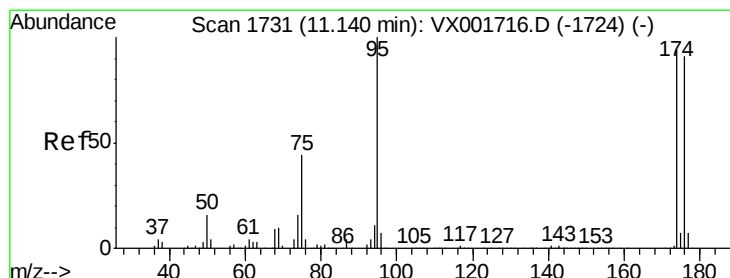
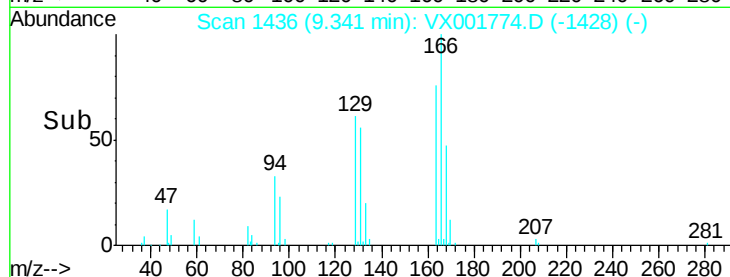
2000

1000

0

Time-->

9.30 9.35 9.40



#62

4-Bromofluorobenzene

Concen: 43.96 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.01 min

Lab File: VX001774.D

Acq: 16 May 2018 19:37

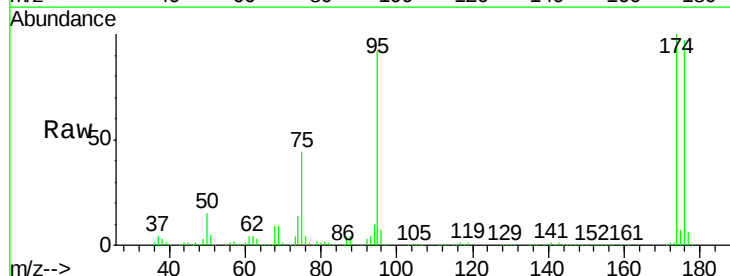
Tgt Ion: 95 Resp: 173179

Ion Ratio Lower Upper

95 100

174 104.0 0.0 201.8

176 99.9 0.0 196.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

150000

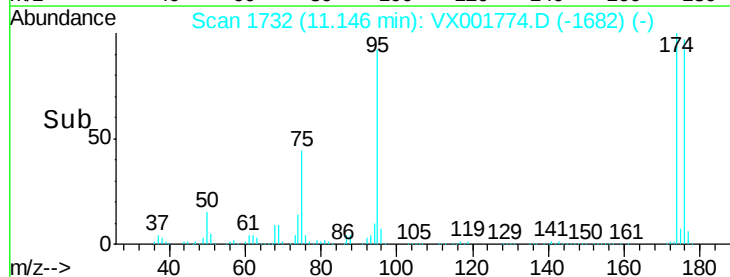
100000

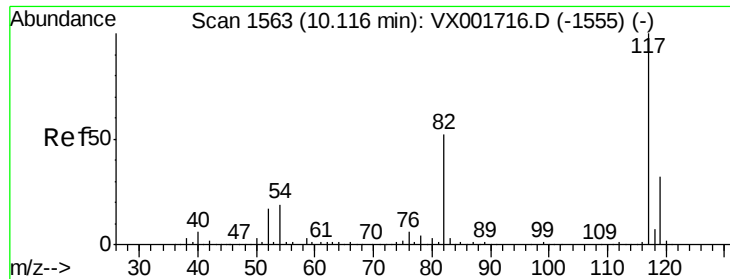
50000

0

Time-->

11.10 11.20 11.30

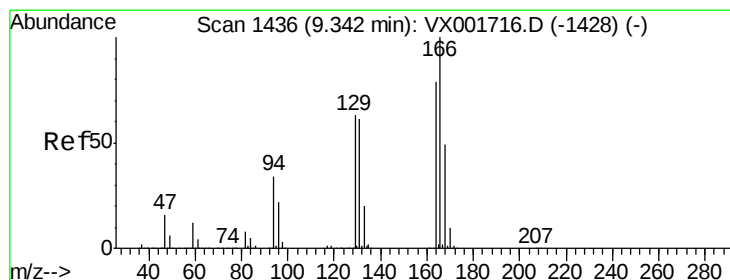
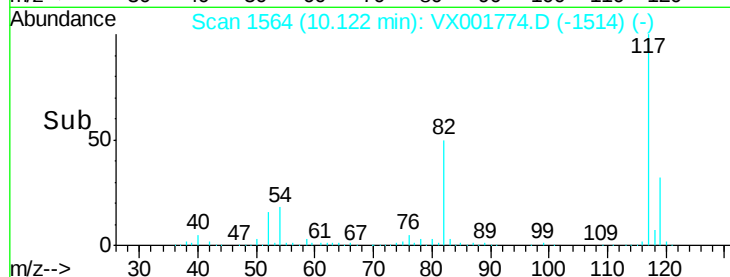
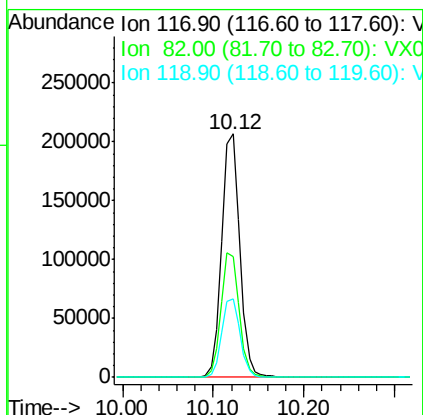
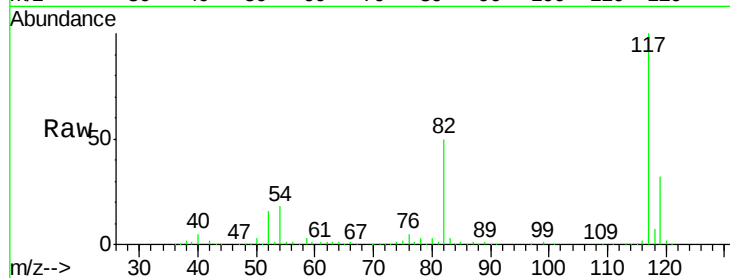




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001774.D
Acq: 16 May 2018 19:37

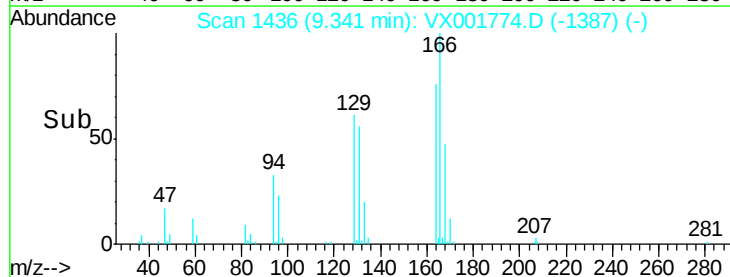
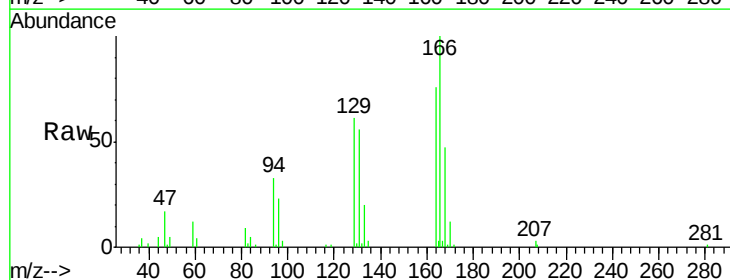
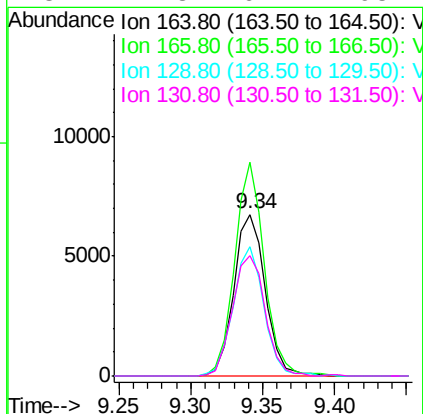
Instrument :
MSVOA_X
ClientSampleId :
ST008MW214-180507

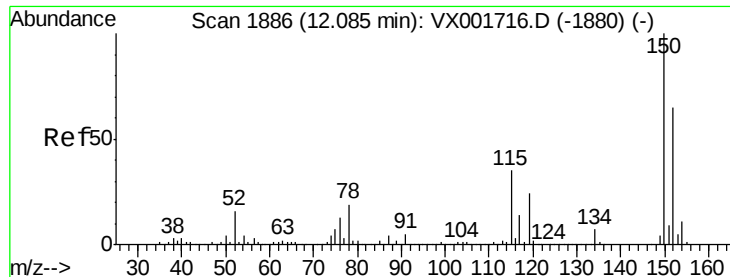
Tgt Ion:117 Resp: 289407
Ion Ratio Lower Upper
117 100
82 49.7 41.4 62.2
119 32.3 25.6 38.4



#64
Tetrachloroethene
Concen: 2.72 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001774.D
Acq: 16 May 2018 19:37

Tgt Ion:164 Resp: 10237
Ion Ratio Lower Upper
164 100
166 132.3 101.8 152.8
129 80.4 63.8 95.6
131 74.3 62.2 93.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001774.D

Acq: 16 May 2018 19:37

Instrument :

MSVOA_X

ClientSampleId :

ST008MW214-180507

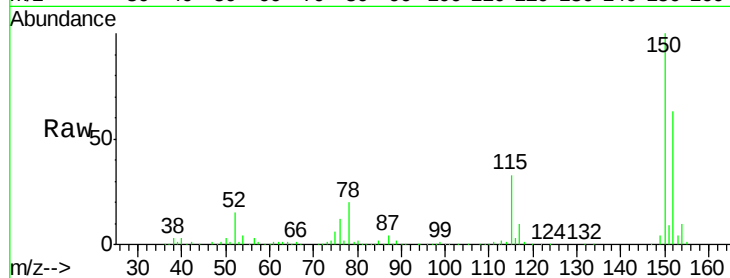
Tgt Ion:152 Resp: 139580

Ion Ratio Lower Upper

152 100

115 51.3 37.4 112.2

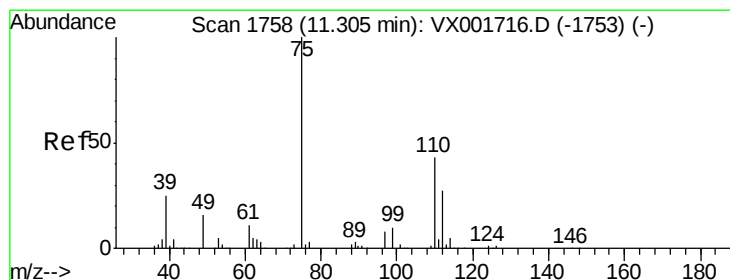
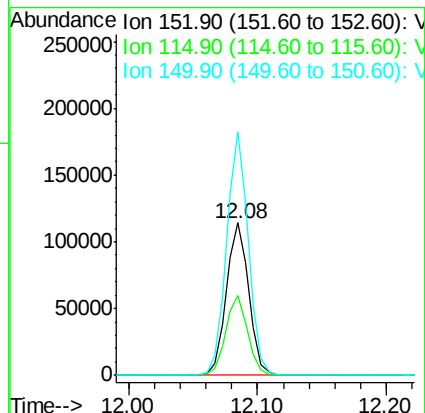
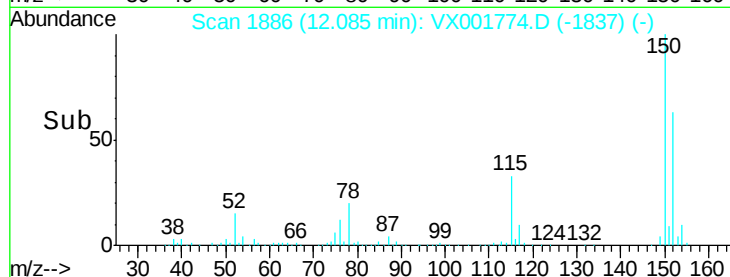
150 155.6 0.0 344.8



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: 30.95 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.16 min

Lab File: VX001774.D

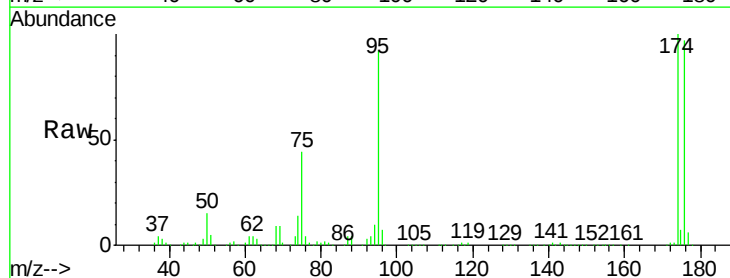
Acq: 16 May 2018 19:37

Tgt Ion: 75 Resp: 82142

Ion Ratio Lower Upper

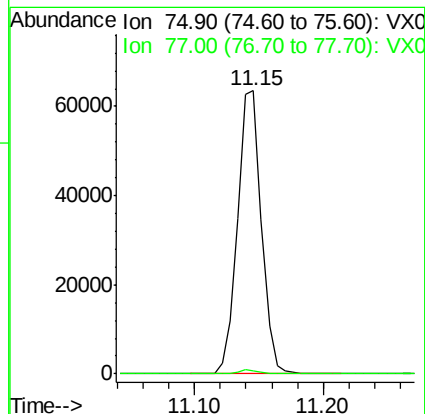
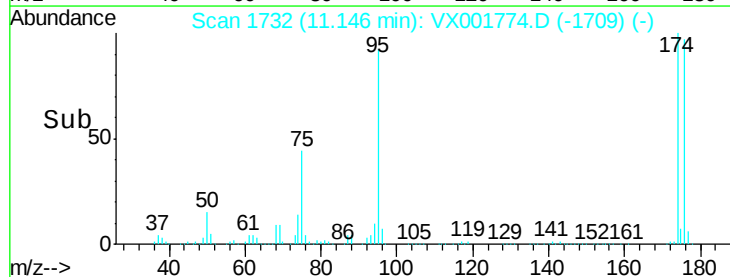
75 100

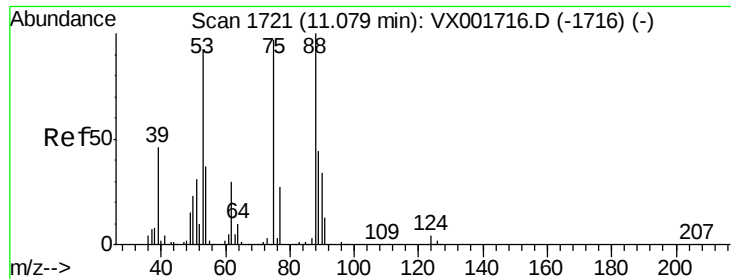
77 1.4 18.9 56.7#



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: 89.44 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.07 min

Lab File: VX001774.D

Acq: 16 May 2018 19:37

Instrument :

MSVOA_X

ClientSampleId :

ST008MW214-180507

Tgt Ion: 75 Resp: 82142

Ion Ratio Lower Upper

75 100

53 0.0 79.4 119.2#

89 0.0 38.8 58.2#

