

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX113018\
 Data File : VX006234.D
 Acq On : 30 Nov 2018 16:56
 Operator : JC/MD
 Sample : J6153-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: Nov 30 22:20:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	907341	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1343021	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1228604	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	618439	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	436073	47.08	ug/l	0.00
Spiked Amount			Recovery	=	94.16%	
35) Dibromofluoromethane	5.51	113	429383	49.38	ug/l	0.00
Spiked Amount			Recovery	=	98.76%	
50) Toluene-d8	8.71	98	1571786	49.69	ug/l	0.00
Spiked Amount			Recovery	=	99.38%	
62) 4-Bromofluorobenzene	11.13	95	589169	49.43	ug/l	0.00
Spiked Amount			Recovery	=	98.86%	

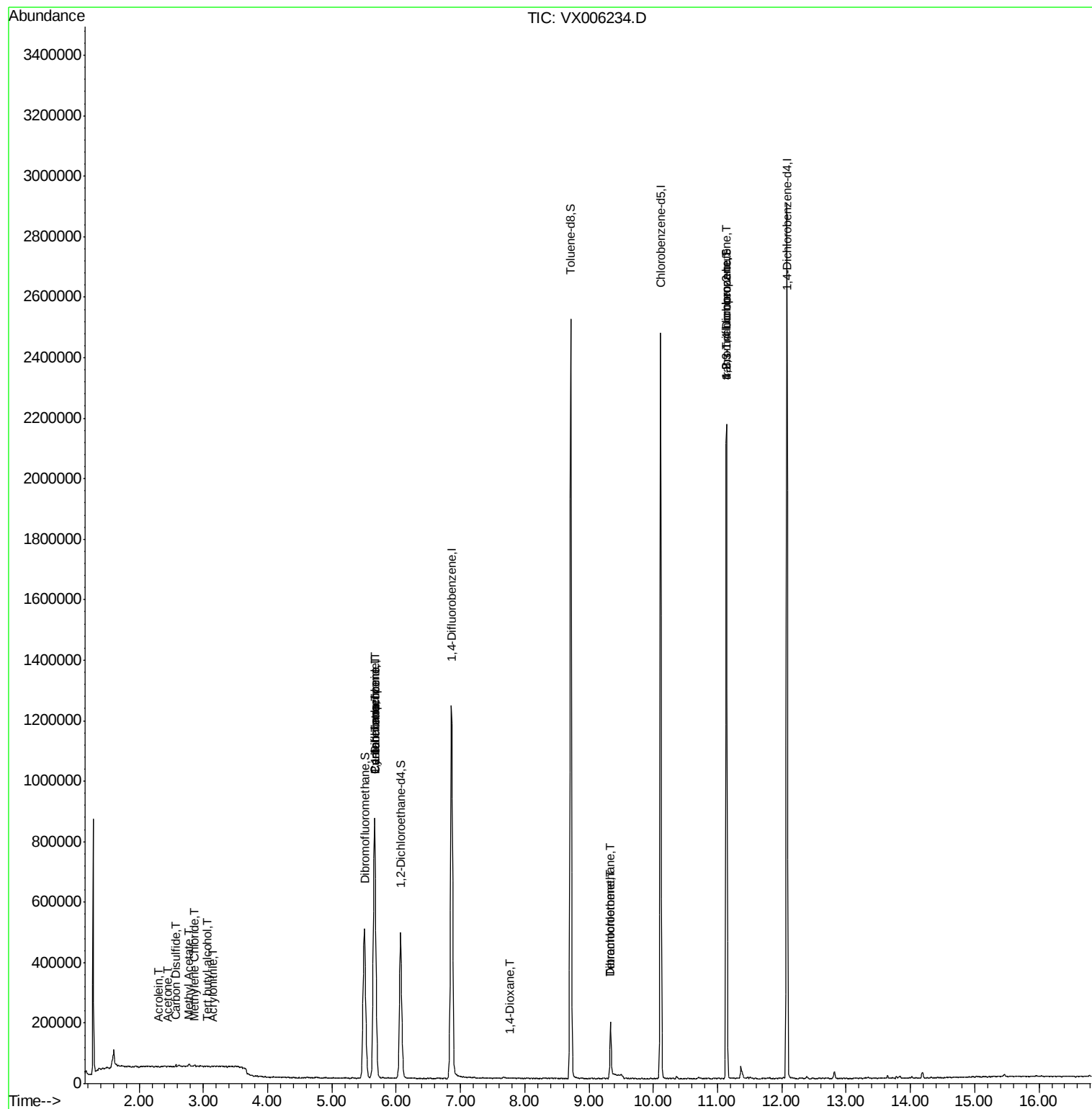
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.06	59	850	0.336	ug/l #	10
13) Acrolein	2.29	56	1096	0.792	ug/l #	56
15) Acrylonitrile	3.15	53	1593	0.301	ug/l #	68
16) Acetone	2.45	43	3111	0.716	ug/l #	76
17) Carbon Disulfide	2.57	76	5937	0.235	ug/l #	92
18) Methyl Acetate	2.78	43	9361	0.644	ug/l	100
20) Methylene Chloride	2.85	84	2399	0.259	ug/l	91
31) Cyclohexane	5.67	56	13440	1.004	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	53057	4.691	ug/l #	50
38) Carbon Tetrachloride	5.66	117	81472	6.123	ug/l #	16
49) 1,4-Dioxane	7.77	88	147	0.581	ug/l #	1
60) Dibromochloromethane	9.34	129	26822	2.403	ug/l #	11
64) Tetrachloroethene	9.34	164	28649	3.096	ug/l	93
76) 1,2,3-Trichloropropane	11.13	75	269704	22.594	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.13	75	269704	53.022	ug/l #	15

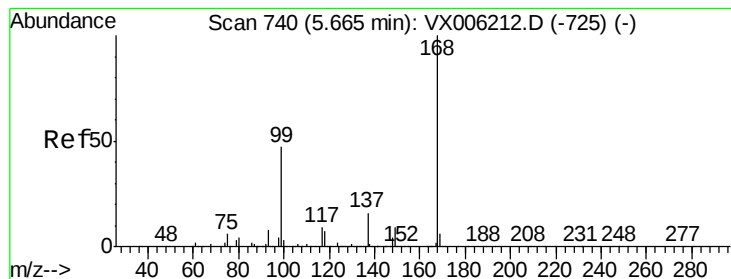
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampled :
TRIP-BLANK

Quant Time: Nov 30 22:20:53 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006234.D

Acq: 30 Nov 2018 16:56

Instrument :

MSVOA_X

ClientSampleId :

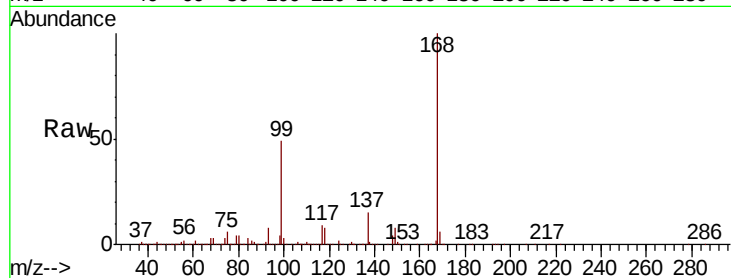
TRIP-BLANK

Tot Ion:168 Resp: 907341

Ion Ratio Lower Upper

168 100

99 49.4 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

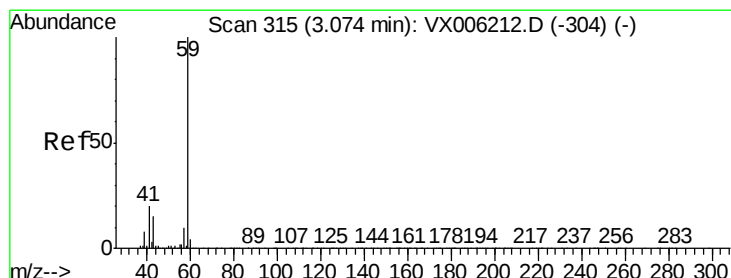
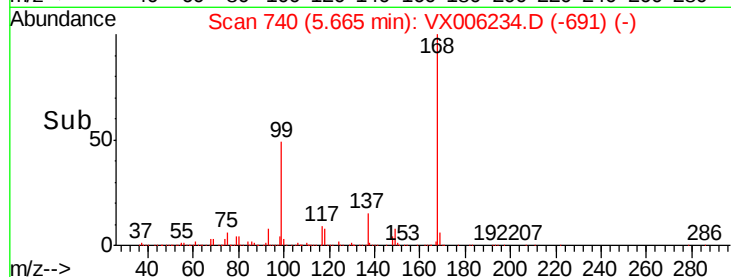
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: 0.336 ug/l

RT: 3.06 min Scan# 313

Delta R.T. -0.01 min

Lab File: VX006234.D

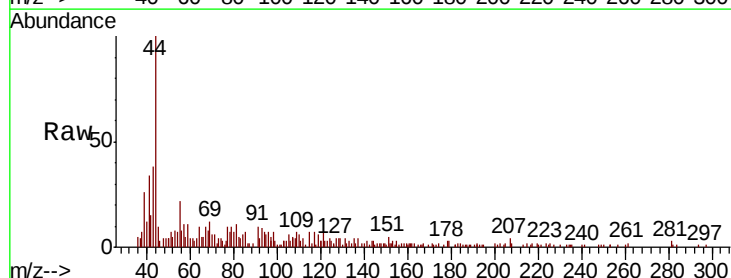
Acq: 30 Nov 2018 16:56

Tgt Ion: 59 Resp: 850

Ion Ratio Lower Upper

59 100

57 43.5 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

1200

1000

800

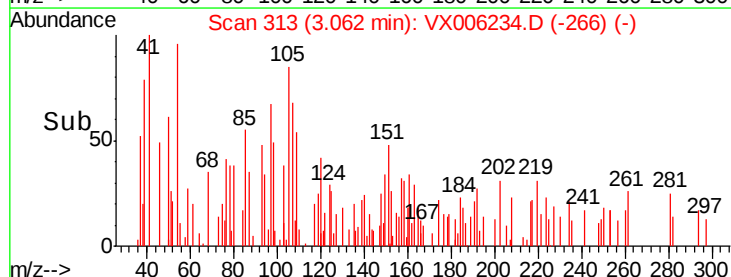
600

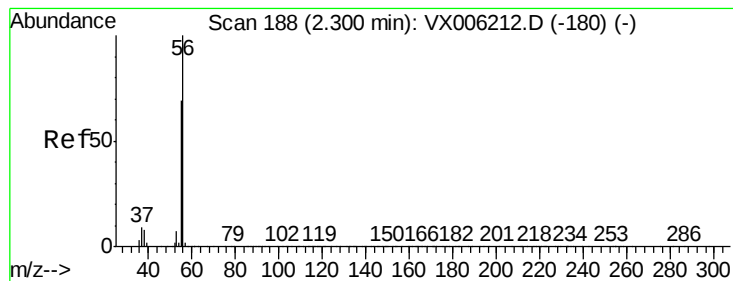
400

200

0

Time-->





#13

Acrolein

Concen: 0.792 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX006234.D

Acq: 30 Nov 2018 16:56

Instrument :

MSVOA_X

ClientSampled :

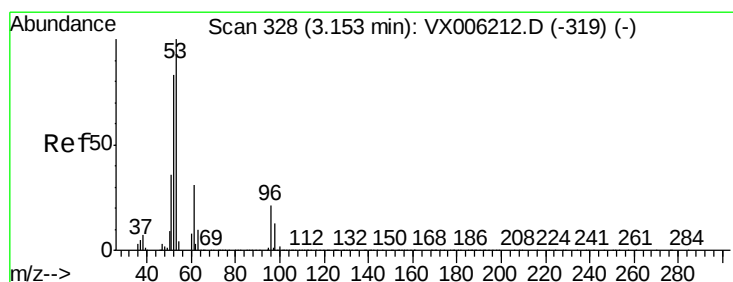
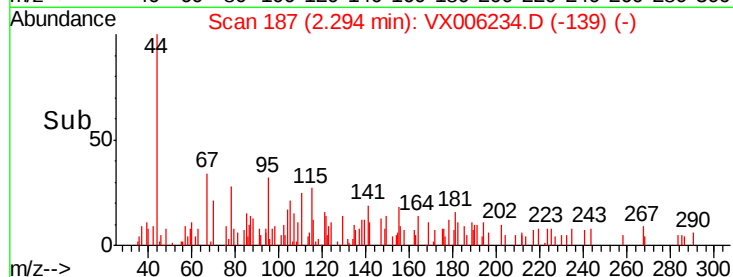
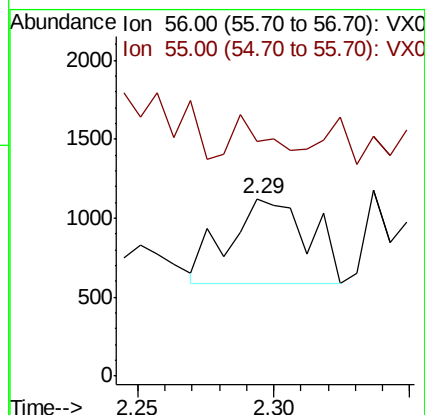
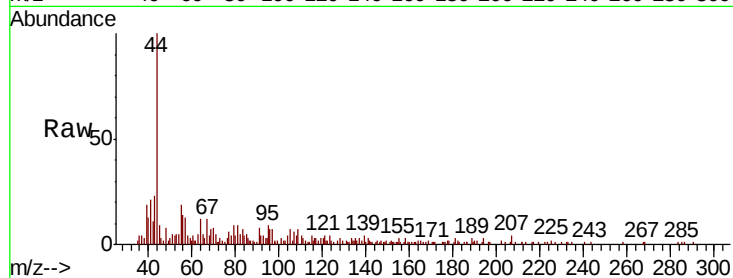
TRIP-BLANK

Tot Ion: 56 Resp: 1096

Ion Ratio Lower Upper

56 100

55 35.8 57.8 86.6#



#15

Acrylonitrile

Concen: 0.301 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX006234.D

Acq: 30 Nov 2018 16:56

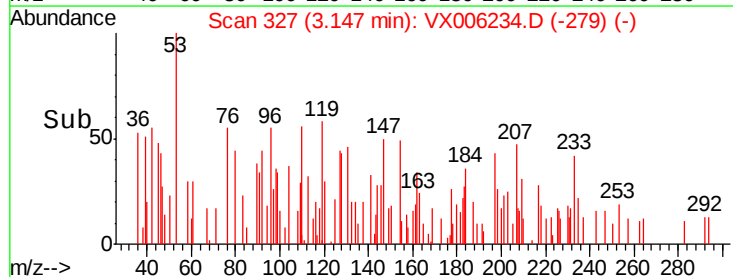
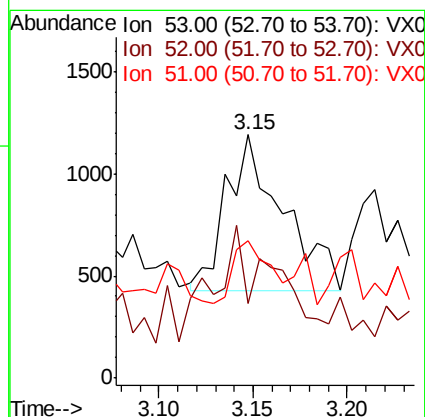
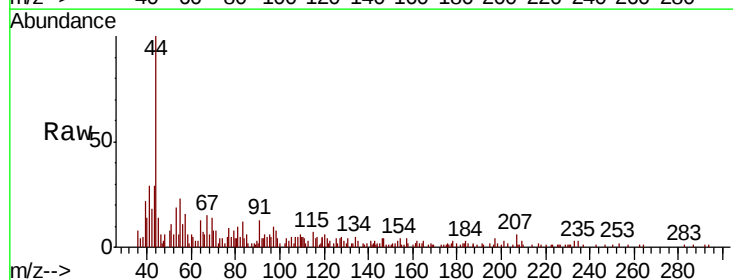
Tgt Ion: 53 Resp: 1593

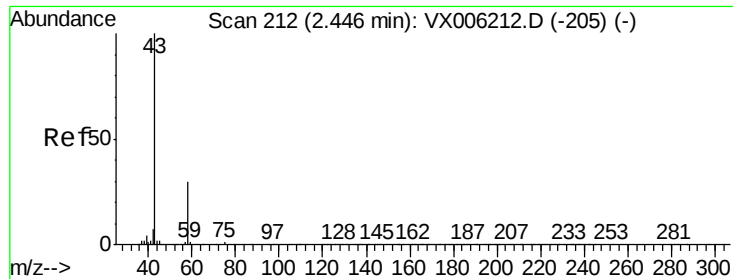
Ion Ratio Lower Upper

53 100

52 48.1 66.2 99.4#

51 25.3 28.7 43.1#





#16

Acetone

Concen: 0.716 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006234.D

Acq: 30 Nov 2018 16:56

Instrument :

MSVOA_X

ClientSampleId :

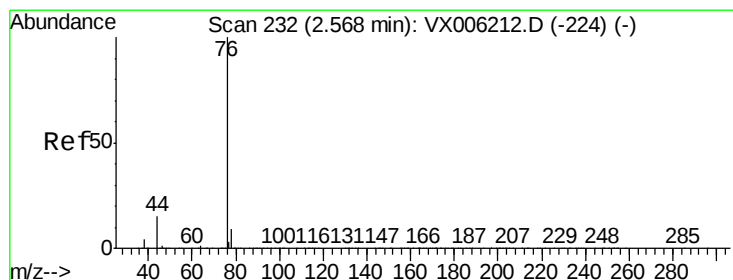
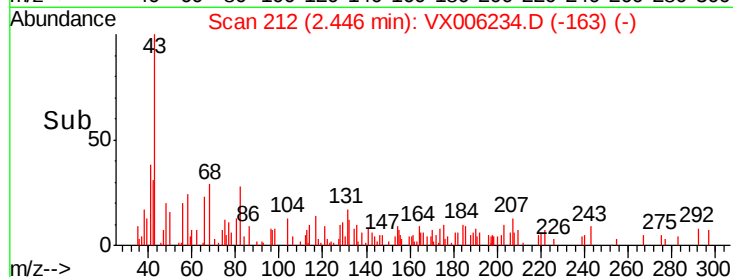
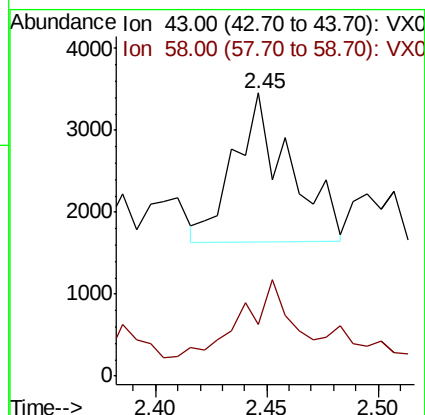
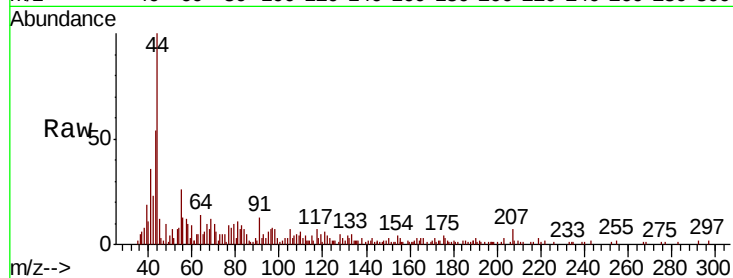
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Tot Ion: 43 Resp: 3111

Ion Ratio Lower Upper

43 100

58 16.8 24.0 36.0#



#17

Carbon Disulfide

Concen: 0.235 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX006234.D

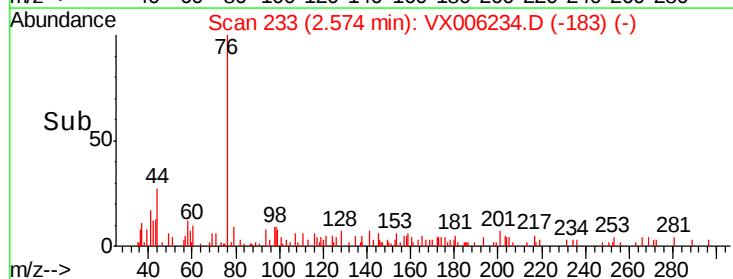
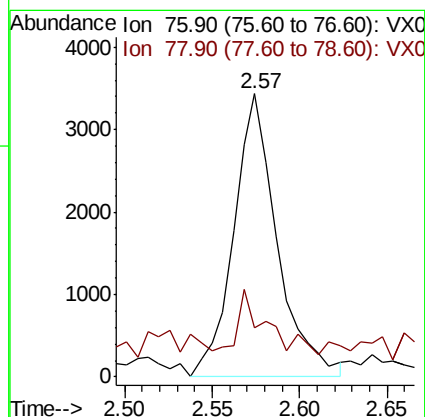
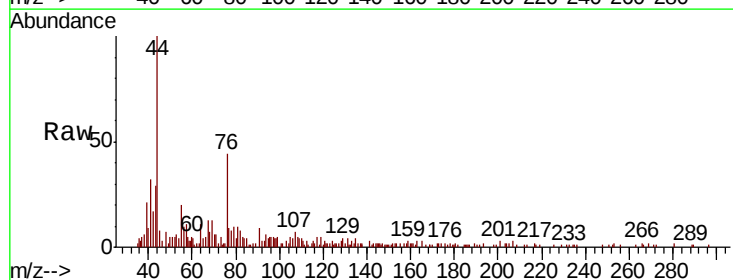
Acq: 30 Nov 2018 16:56

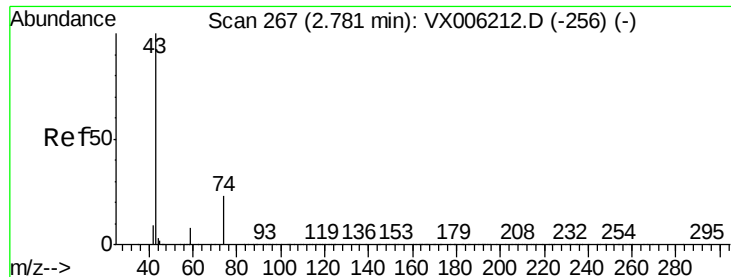
Tgt Ion: 76 Resp: 5937

Ion Ratio Lower Upper

76 100

78 6.0 7.1 10.7#

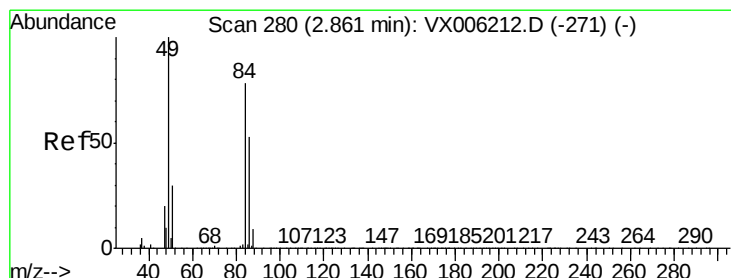
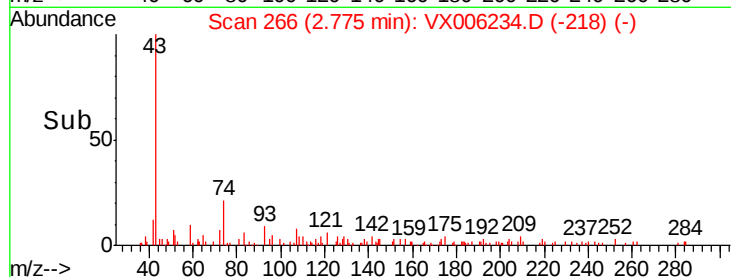
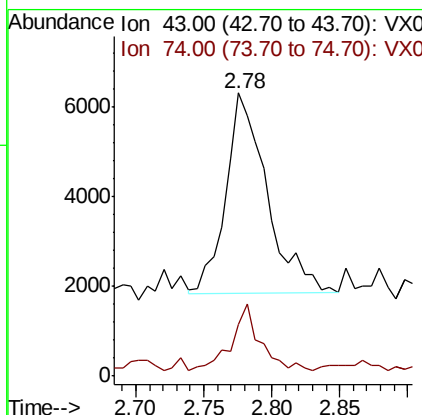
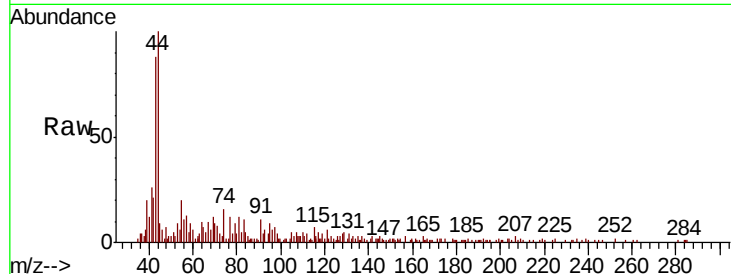




#18
Methyl Acetate
Concen: 0.644 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX006234.D
Acq: 30 Nov 2018 16:56

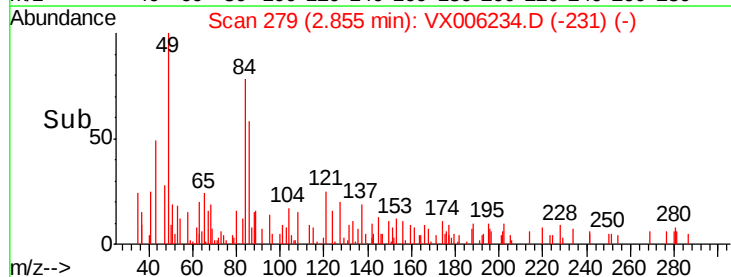
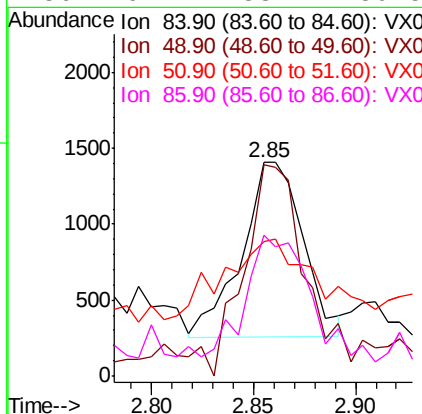
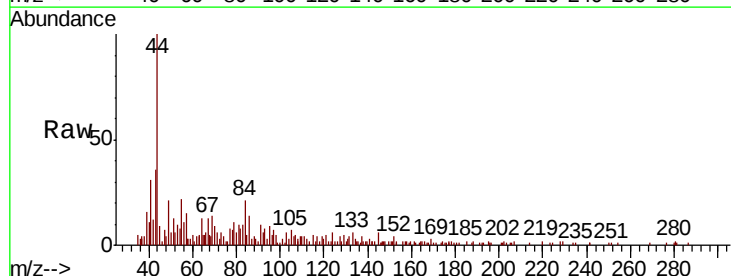
Instrument :
MSVOA_X
ClientSampled :
TRIP-BLANK

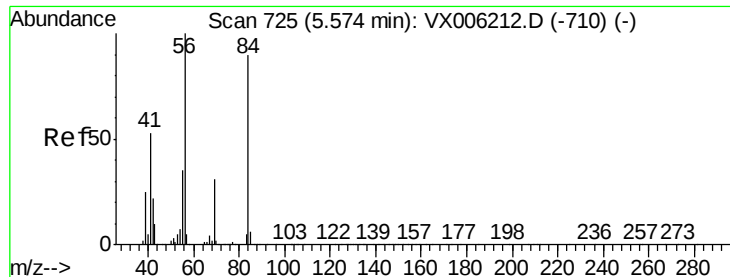
Tot Ion: 43 Resp: 9361
Ion Ratio Lower Upper
43 100
74 22.5 17.9 26.9



#20
Methylene Chloride
Concen: 0.259 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX006234.D
Acq: 30 Nov 2018 16:56

Tgt Ion: 84 Resp: 2399
Ion Ratio Lower Upper
84 100
49 111.7 102.2 153.4
51 37.4 31.1 46.7
86 64.4 53.7 80.5

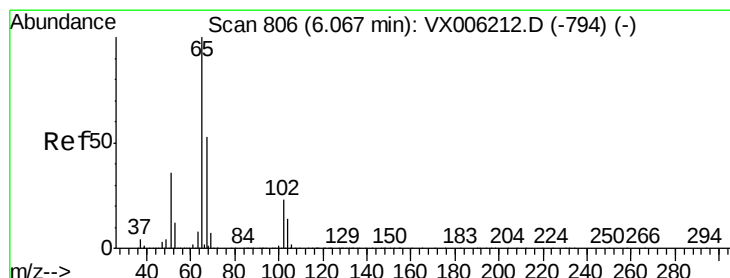
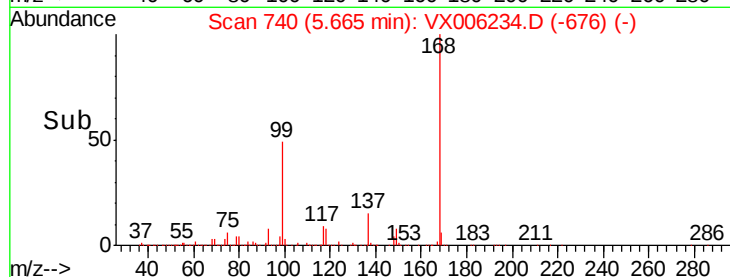
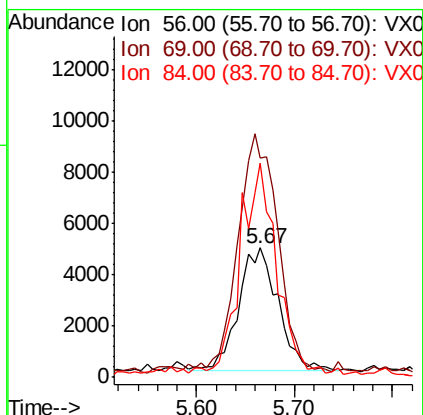
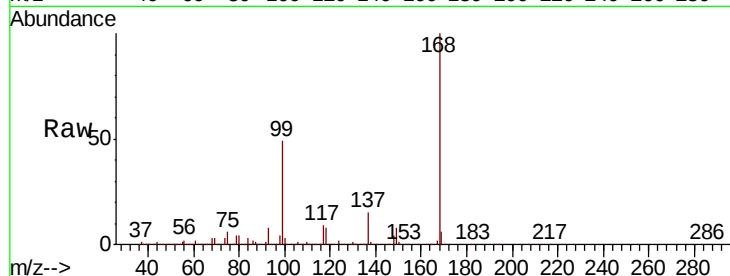




#31
Cyclohexane
Concen: 1.004 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX006234.D
Acq: 30 Nov 2018 16:56

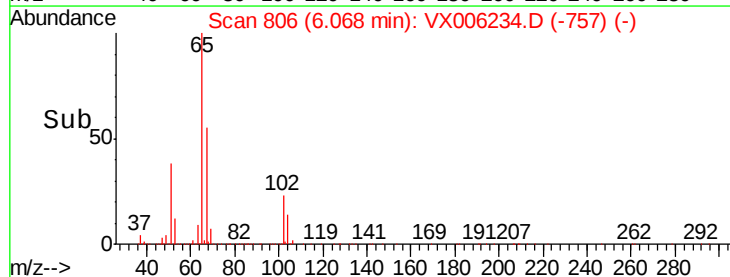
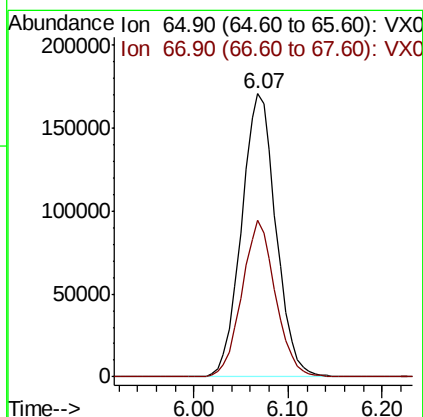
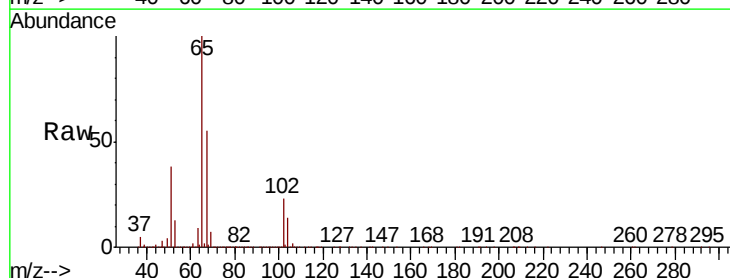
Instrument :
MSVOA_X
ClientSampled :
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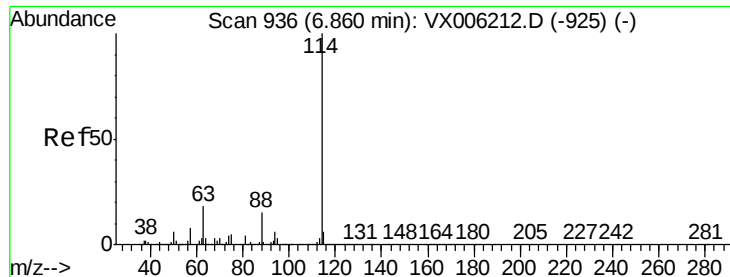
Tot Ion: 56 Resp: 13440
Ion Ratio Lower Upper
56 100
69 168.6 24.5 36.7#
84 179.7 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 47.079 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006234.D
Acq: 30 Nov 2018 16:56

Tgt Ion: 65 Resp: 436073
Ion Ratio Lower Upper
65 100
67 53.5 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006234.D

Acq: 30 Nov 2018 16:56

Instrument :

MSVOA_X

ClientSampleId :

TRIP-BLANK

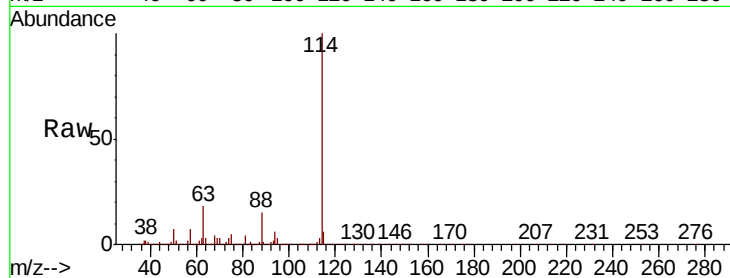
Tot Ion:114 Resp: 1343021

Ion Ratio Lower Upper

114 100

63 17.8 0.0 36.6

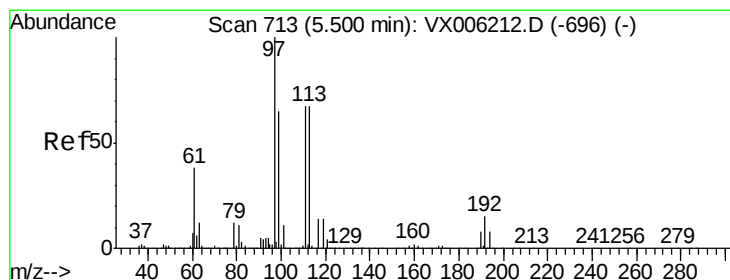
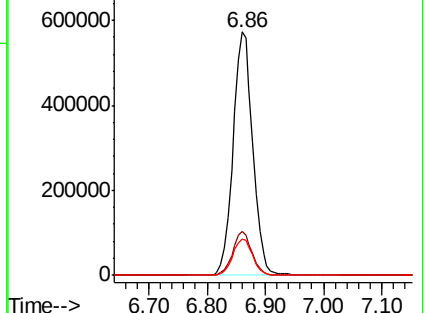
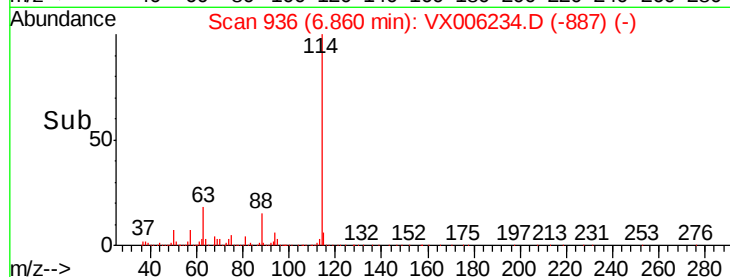
88 15.0 0.0 29.0



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: 49.380 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006234.D

Acq: 30 Nov 2018 16:56

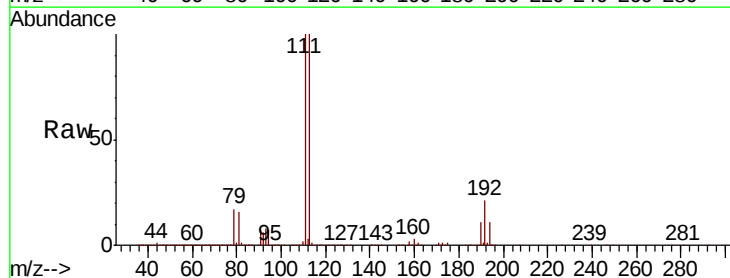
Tgt Ion:113 Resp: 429383

Ion Ratio Lower Upper

113 100

111 101.5 81.1 121.7

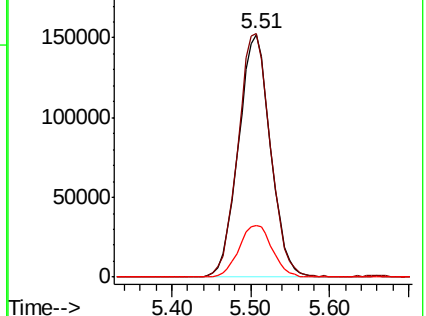
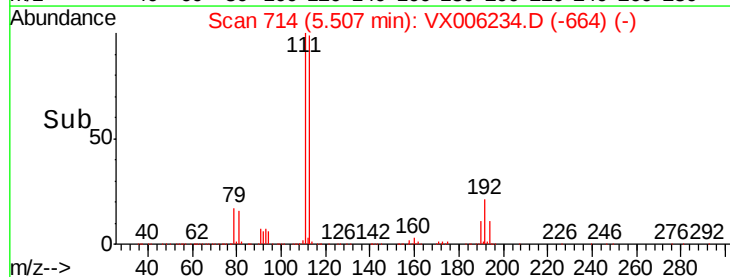
192 22.3 18.2 27.2

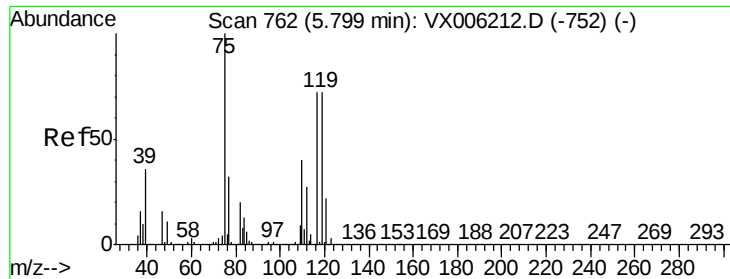


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

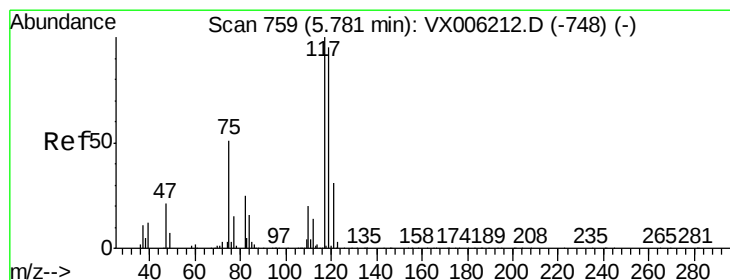
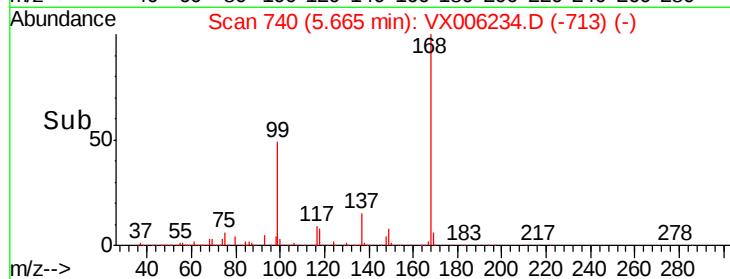
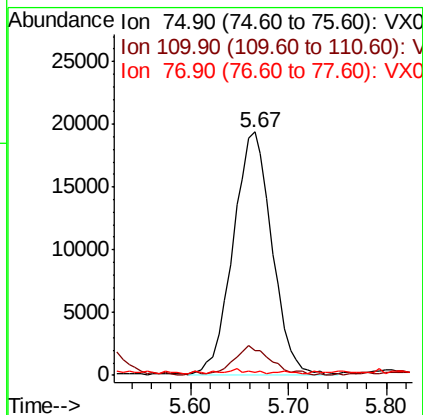
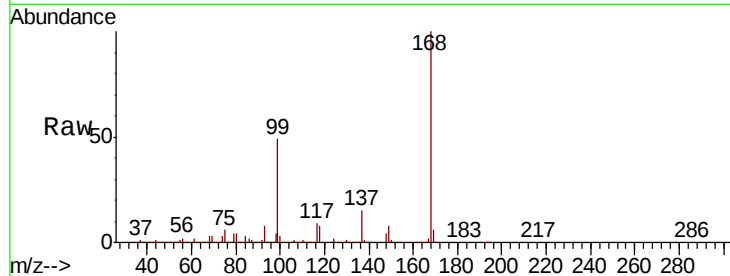




#36
 1,1-Dichloropropene
 Concen: 4.691 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX006234.D
 Acq: 30 Nov 2018 16:56

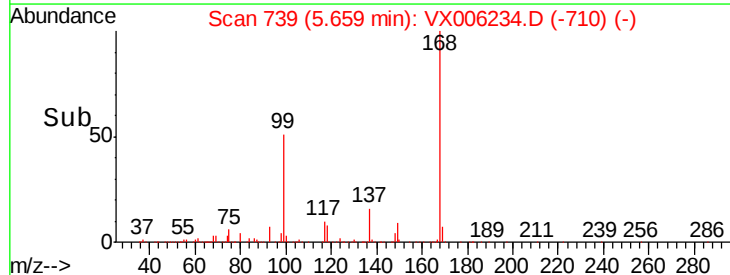
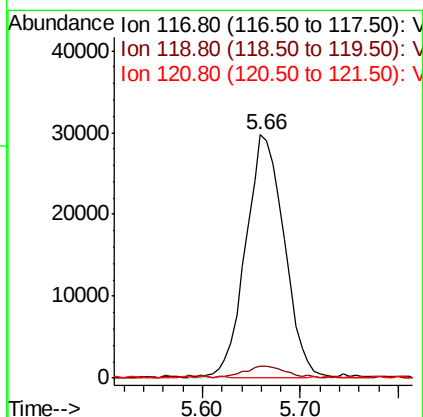
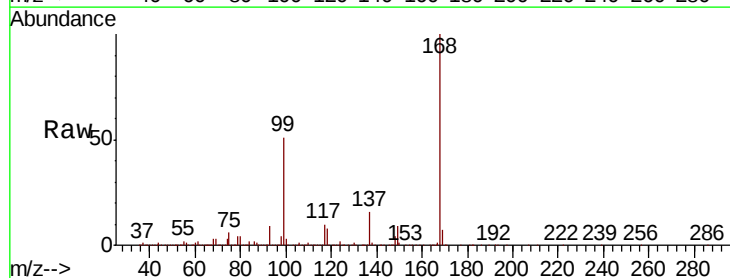
Instrument :
 MSVOA_X
 ClientSampleId :
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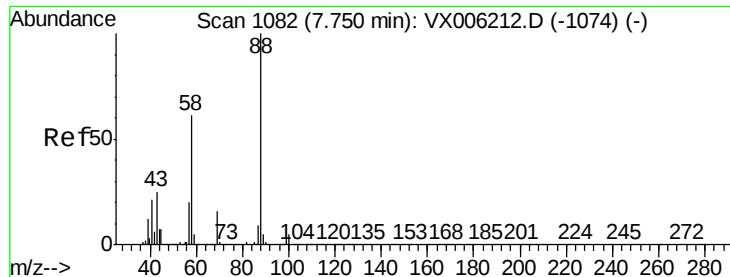
Tot Ion	Ratio	Lower	Upper
75	100		
110	11.7	20.4	61.3#
77	1.4	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.123 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.12 min
 Lab File: VX006234.D
 Acq: 30 Nov 2018 16:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.3	75.8	113.8#
121	0.0	24.6	37.0#

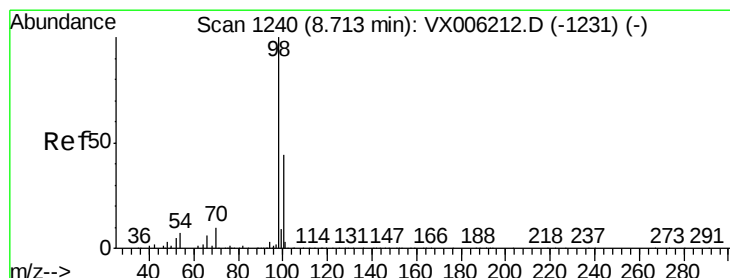
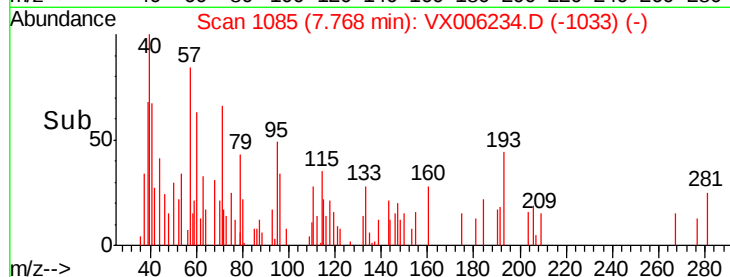
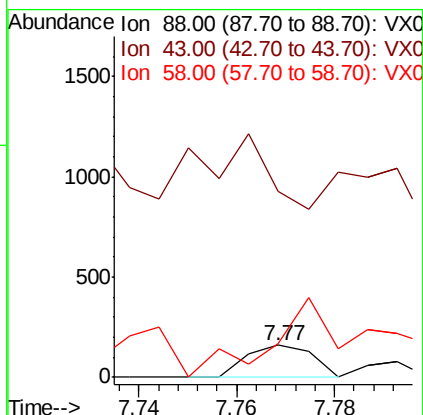
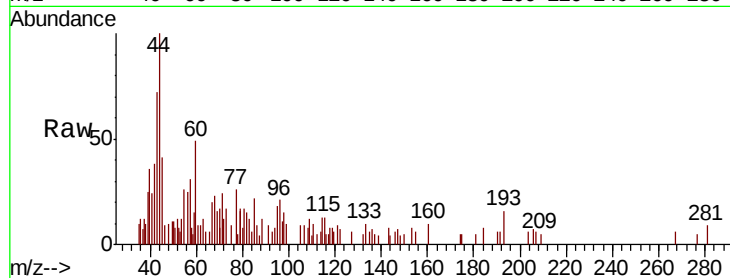




#49
1,4-Dioxane
Concen: 0.581 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. 0.02 min
Lab File: VX006234.D
Acq: 30 Nov 2018 16:56

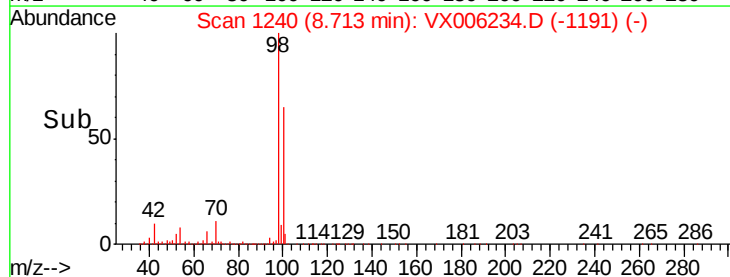
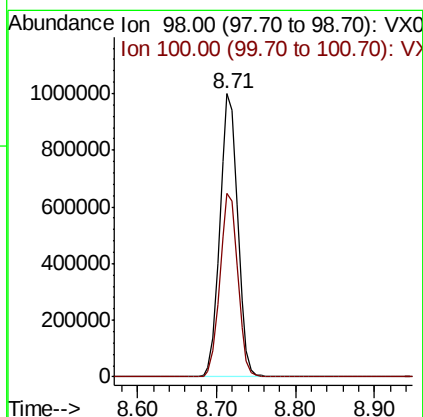
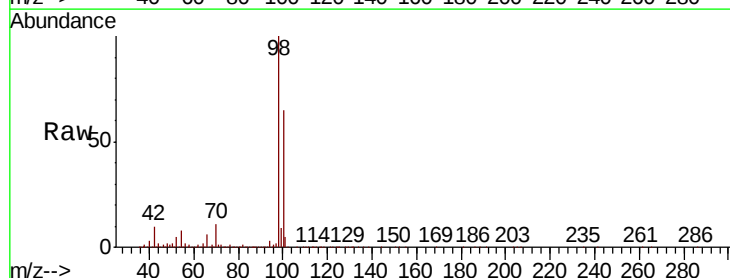
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

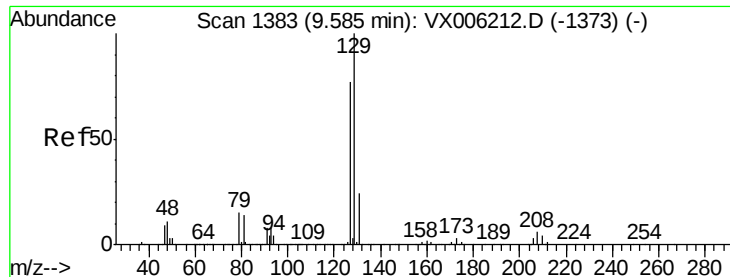
Tot Ion: 88 Resp: 147
Ion Ratio Lower Upper
88 100
43 512.2 23.2 34.8#
58 235.4 51.4 77.0#



#50
Toluene-d8
Concen: 49.694 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006234.D
Acq: 30 Nov 2018 16:56

Tgt Ion: 98 Resp: 1571786
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.2





#60

Dibromochloromethane

Concen: 2.403 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.25 min

Lab File: VX006234.D

Acq: 30 Nov 2018 16:56

Instrument :

MSVOA_X

ClientSampleId :

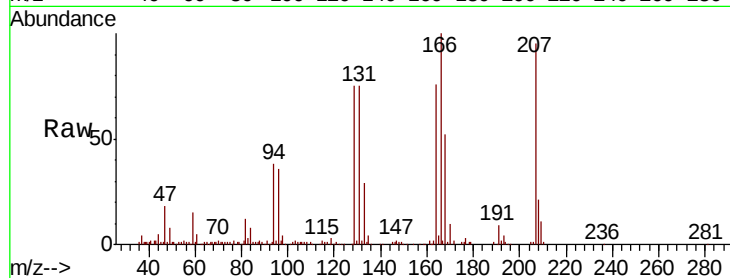
TRIP-BLANK

Tot Ion:129 Resp: 26822

Ion Ratio Lower Upper

129 100

127 0.6 38.6 115.8#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.34

20000

15000

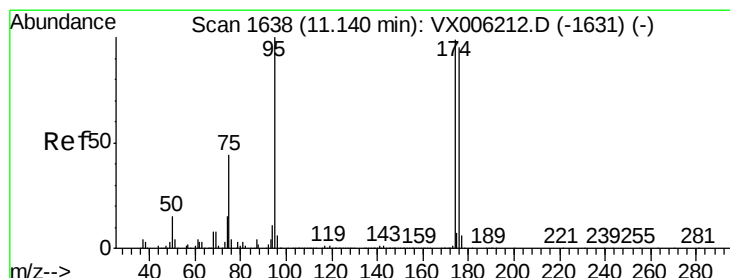
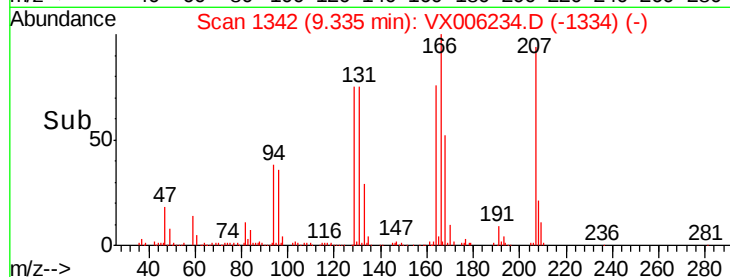
10000

5000

0

Time-->

9.25 9.30 9.35 9.40



#62

4-Bromofluorobenzene

Concen: 49.432 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006234.D

Acq: 30 Nov 2018 16:56

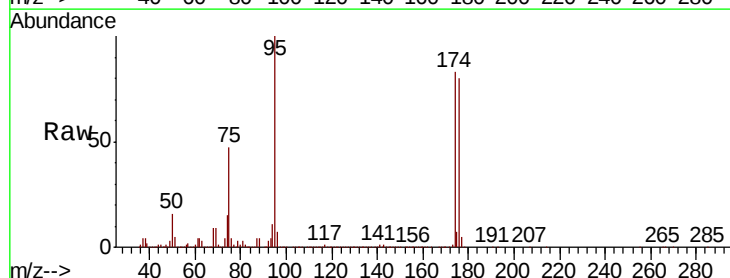
Tgt Ion: 95 Resp: 589169

Ion Ratio Lower Upper

95 100

174 90.5 0.0 187.0

176 88.0 0.0 181.8



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

600000

500000

400000

300000

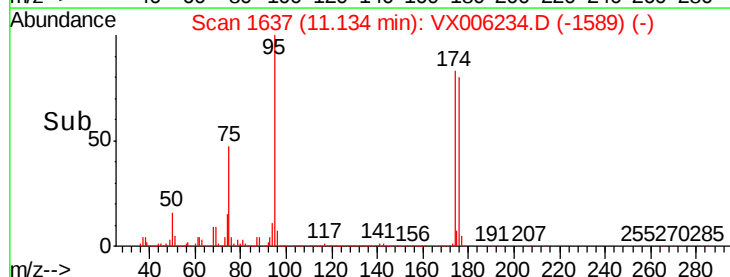
200000

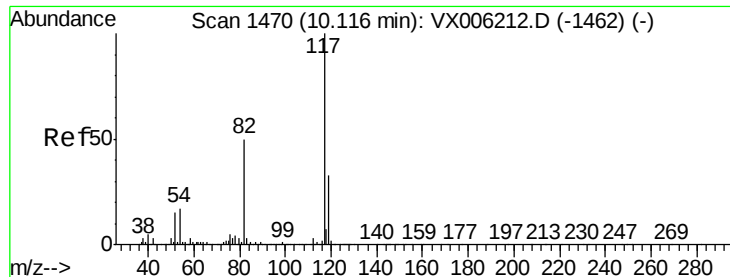
100000

0

Time-->

11.10 11.13 11.20

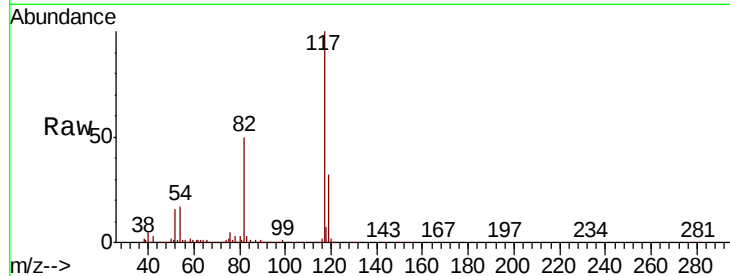




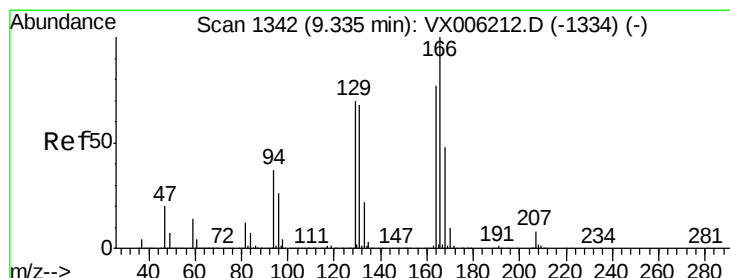
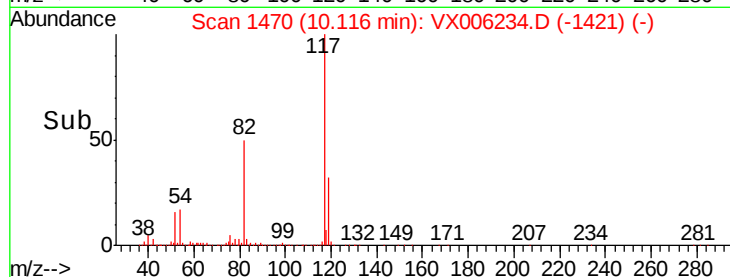
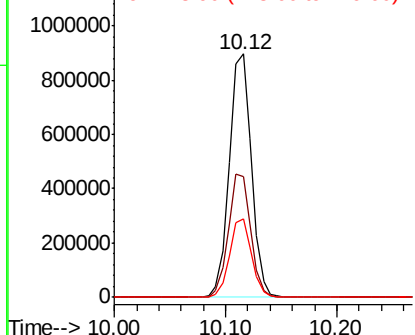
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006234.D
Acq: 30 Nov 2018 16:56

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

Tot Ion:117 Resp: 1228604
Ion Ratio Lower Upper
117 100
82 49.6 39.6 59.4
119 32.2 26.3 39.5



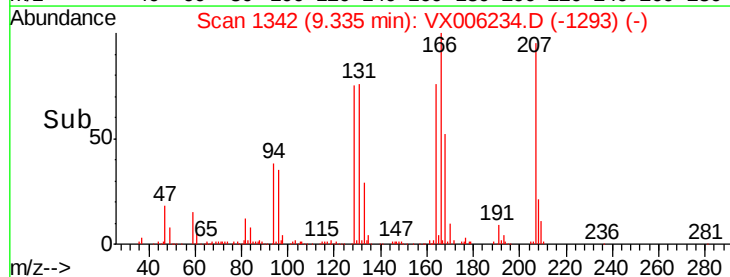
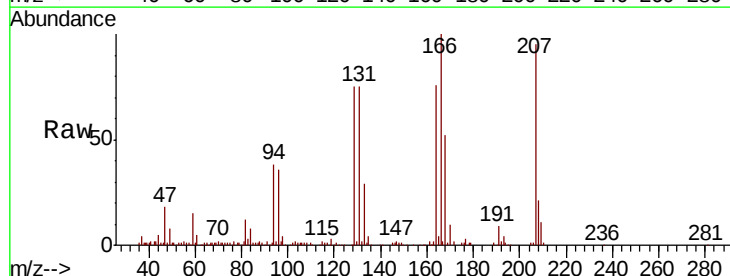
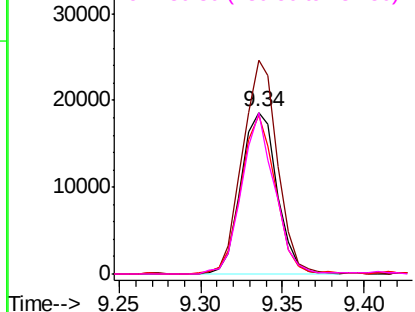
Abundance Ion 116.90 (116.60 to 117.60): V
1200000 Ion 82.00 (81.70 to 82.70): VX0
1000000 Ion 118.90 (118.60 to 119.60): V

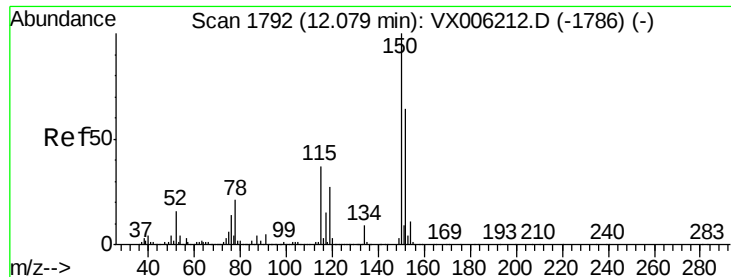


#64
Tetrachloroethene
Concen: 3.096 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006234.D
Acq: 30 Nov 2018 16:56

Tgt Ion:164 Resp: 28649
Ion Ratio Lower Upper
164 100
166 132.2 104.2 156.2
129 98.5 72.6 108.8
131 99.7 70.3 105.5

Abundance Ion 163.80 (163.50 to 164.50): V
30000 Ion 165.80 (165.50 to 166.50): V
20000 Ion 128.80 (128.50 to 129.50): V
10000 Ion 130.80 (130.50 to 131.50): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006234.D

Acq: 30 Nov 2018 16:56

Instrument :

MSVOA_X

ClientSampled :

TRIP-BLANK

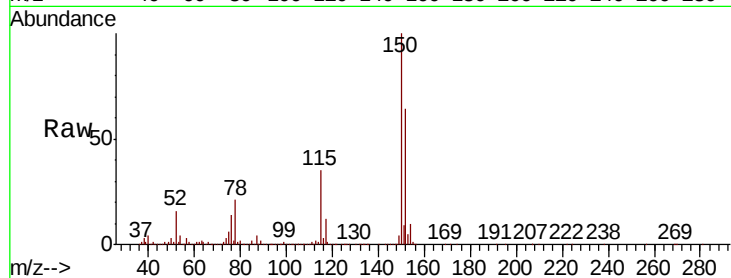
Tot Ion:152 Resp: 618439

Ion Ratio Lower Upper

152 100

115 55.3 39.0 116.9

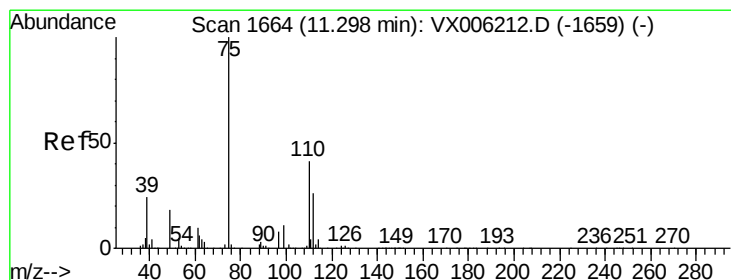
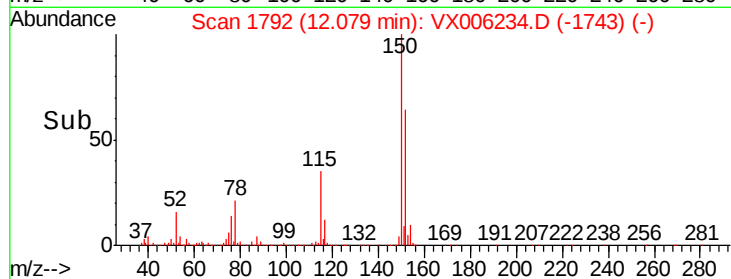
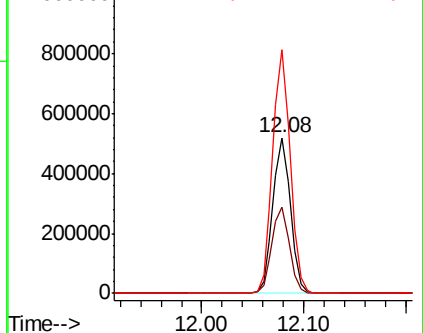
150 156.2 0.0 345.8



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: 22.594 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006234.D

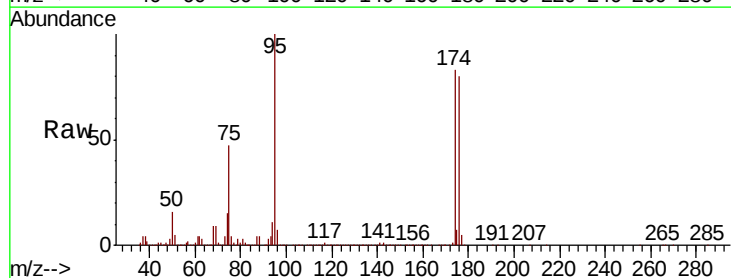
Acq: 30 Nov 2018 16:56

Tgt Ion: 75 Resp: 269704

Ion Ratio Lower Upper

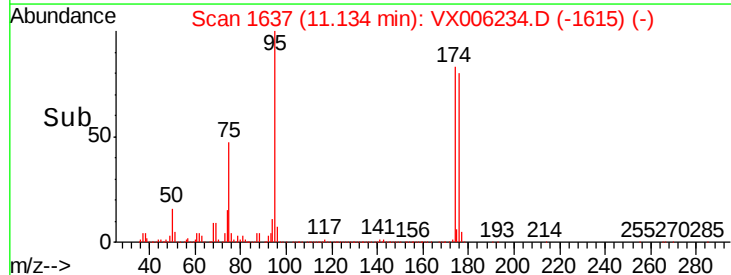
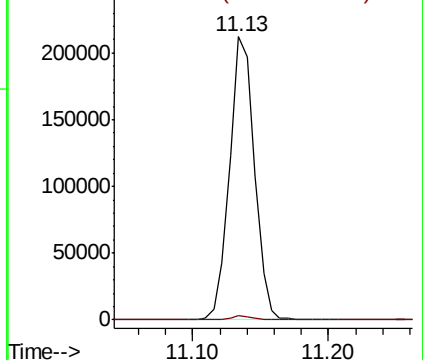
75 100

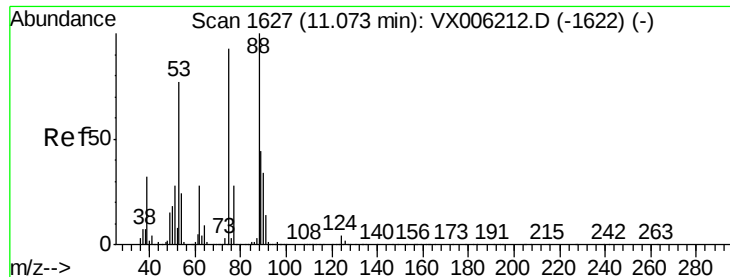
77 1.2 19.9 59.7#



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: 53.022 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006234.D

Acq: 30 Nov 2018 16:56

Instrument :

MSVOA_X

ClientSampleId :

TRIP-BLANK

Tot Ion: 75 Resp: 269704

Ion Ratio Lower Upper

75 100

53 0.0 64.4 96.6#

89 0.0 44.2 66.4#

