

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121918\
 Data File : VX006645.D
 Acq On : 19 Dec 2018 18:58
 Operator : JC/MD
 Sample : J6479-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

Quant Time: Dec 20 04:04:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	609868	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	976873	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	898771	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	421333	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	339335	51.63	ug/l	0.00
Spiked Amount			Recovery	=	103.26%	
35) Dibromofluoromethane	5.50	113	295423	47.82	ug/l	0.00
Spiked Amount			Recovery	=	95.64%	
50) Toluene-d8	8.71	98	1166480	50.09	ug/l	0.00
Spiked Amount			Recovery	=	100.18%	
62) 4-Bromofluorobenzene	11.13	95	422022	49.48	ug/l	0.00
Spiked Amount			Recovery	=	98.96%	

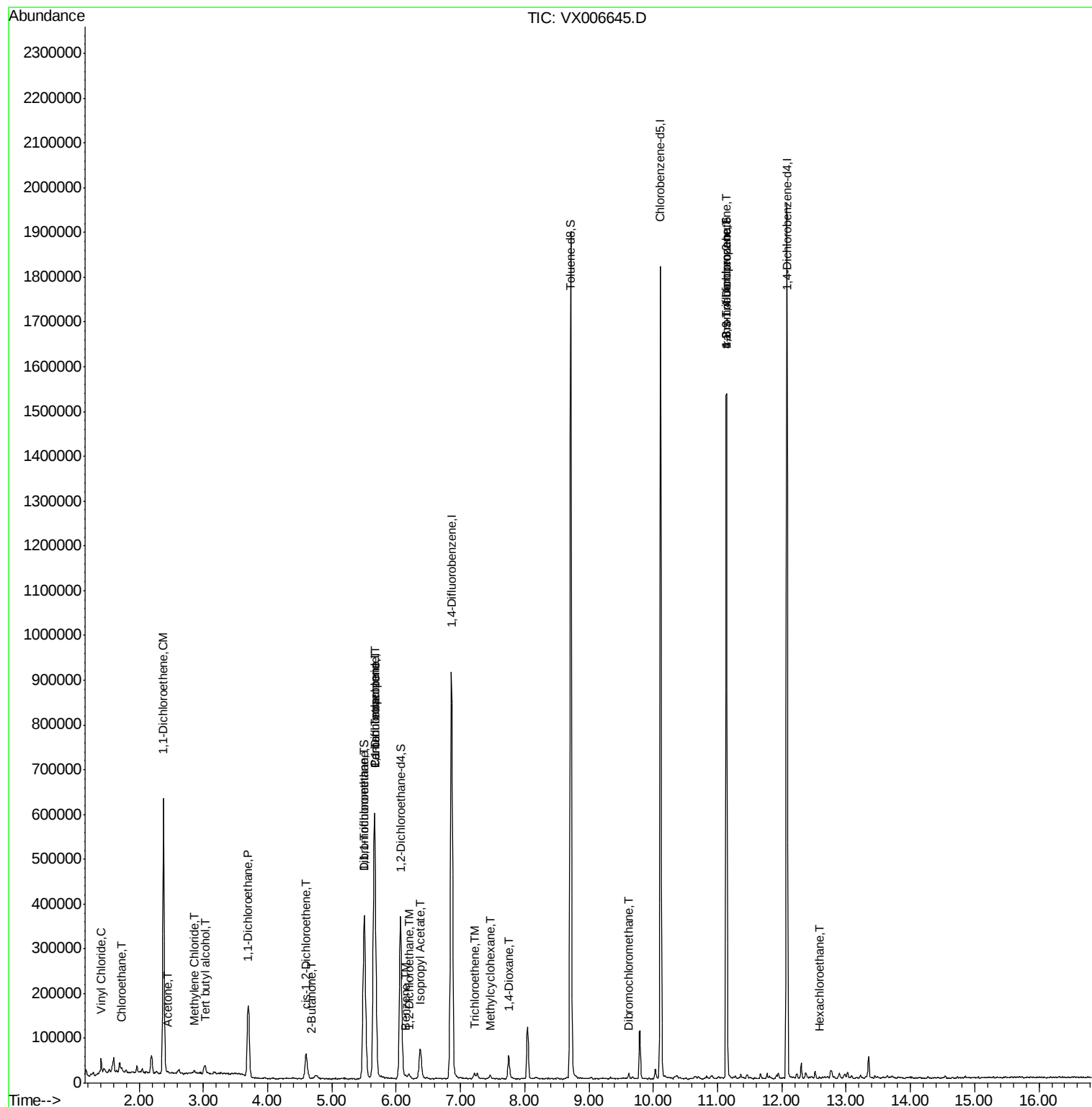
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.41	62	19867	3.165	ug/l	90
5) Bromomethane	1.67	94	1010	Below Cal	#	69
6) Chloroethane	1.73	64	8892	2.046	ug/l	98
11) Tert butyl alcohol	3.02	59	11392	7.766	ug/l #	87
12) 1,1-Dichloroethene	2.38	96	211540	38.822	ug/l	99
16) Acetone	2.45	43	3335	1.104	ug/l	96
20) Methylene Chloride	2.86	84	2837	0.454	ug/l #	79
24) 1,1-Dichloroethane	3.70	63	184830	18.452	ug/l	98
25) 2-Butanone	4.69	43	1118	0.263	ug/l #	47
27) cis-1,2-Dichloroethene	4.60	96	37530	5.634	ug/l	90
28) Bromochloromethane	5.06	49	380	Below Cal	#	4
32) 1,1,1-Trichloroethane	5.49	97	21248	2.426	ug/l	96
36) 1,1-Dichloropropene	5.67	75	43060	5.322	ug/l #	39
38) Carbon Tetrachloride	5.66	117	58830	7.482	ug/l #	14
39) Methylcyclohexane	7.45	83	4343	0.408	ug/l #	62
40) Benzene	6.14	78	7664	0.312	ug/l	91
42) 1,2-Dichloroethane	6.20	62	11906	1.421	ug/l	94
43) Isopropyl Acetate	6.38	43	15201	1.186	ug/l #	63
44) Trichloroethene	7.22	130	4809	0.646	ug/l	74
49) 1,4-Dioxane	7.74	88	43166	238.054	ug/l	97
60) Dibromochloromethane	9.60	129	104	2.339	ug/l	69
76) 1,2,3-Trichloropropane	11.13	75	194788	24.877	ug/l #	41
81) trans-1,4-Dichloro-2-buten	11.13	75	194788	73.531	ug/l #	13
90) Hexachloroethane	12.58	117	333	3.371	ug/l #	13

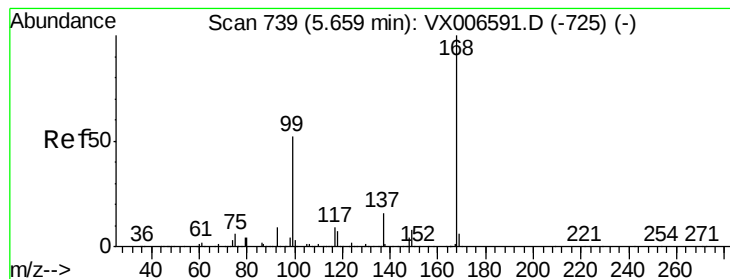
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121918\
Data File : VX006645.D
Acq On : 19 Dec 2018 18:58
Operator : JC/MD
Sample : J6479-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Quant Time: Dec 20 04:04:07 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006645.D

Acq: 19 Dec 2018 18:58

Instrument :

MSVOA_X

ClientSampleId :

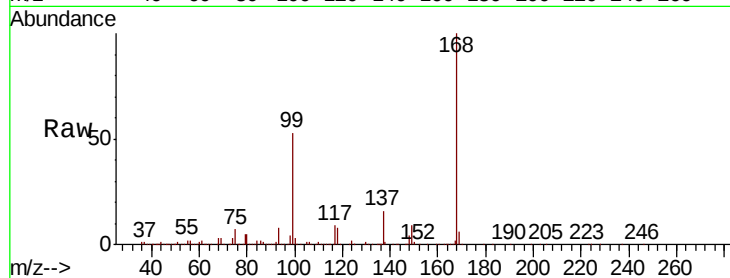
MW-2

Tot Ion:168 Resp: 609868

Ion Ratio Lower Upper

168 100

99 52.7 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

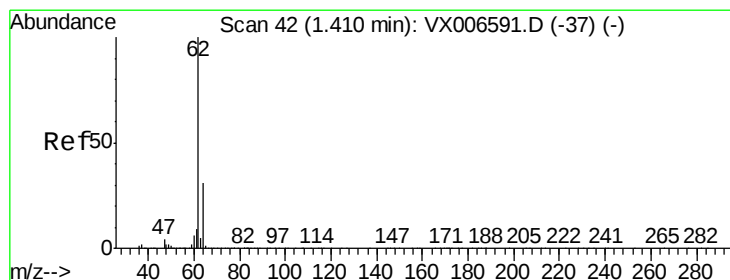
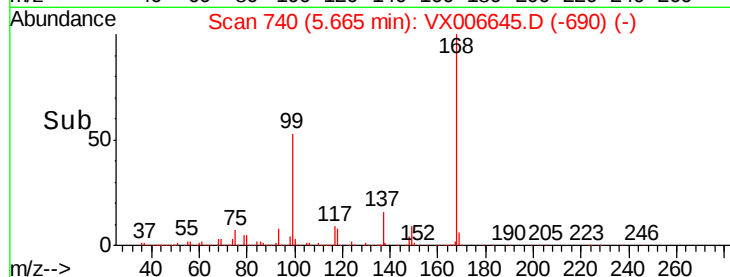
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 3.165 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006645.D

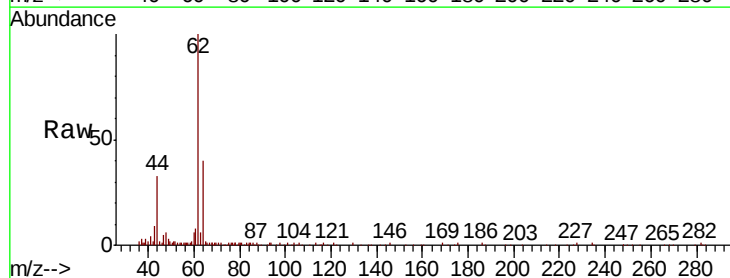
Acq: 19 Dec 2018 18:58

Tgt Ion: 62 Resp: 19867

Ion Ratio Lower Upper

62 100

64 36.9 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

20000

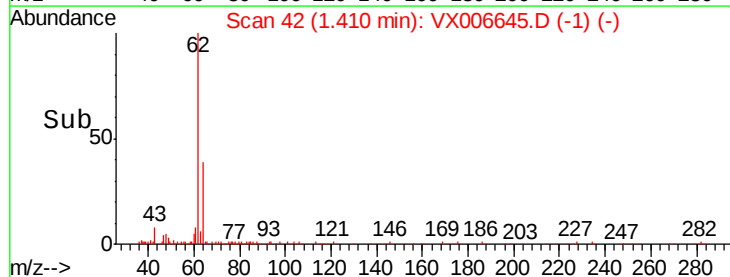
15000

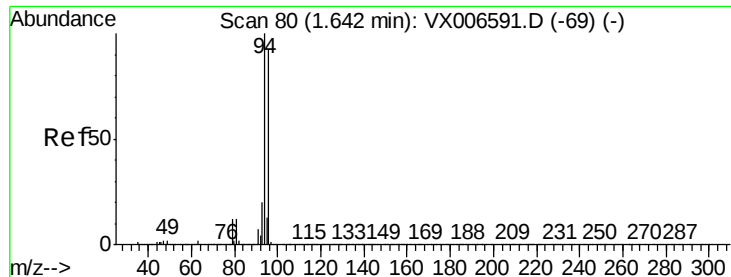
10000

5000

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 1.67 min Scan# 84

Delta R.T. 0.02 min

Lab File: VX006645.D

Acq: 19 Dec 2018 18:58

Instrument :

MSVOA_X

ClientSampleId :

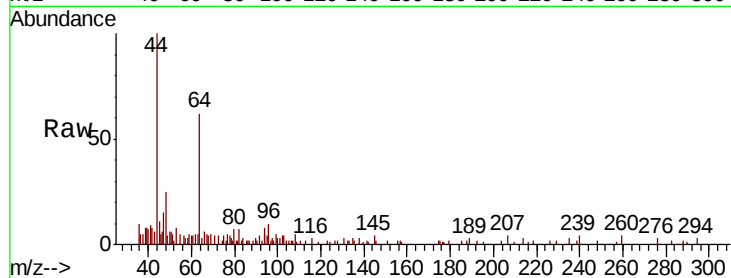
MW-2

Tot Ion: 94 Resp: 1010

Ion Ratio Lower Upper

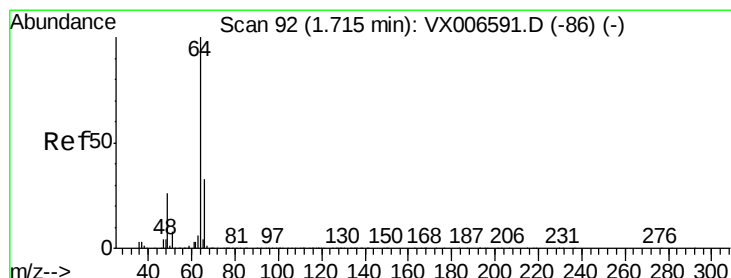
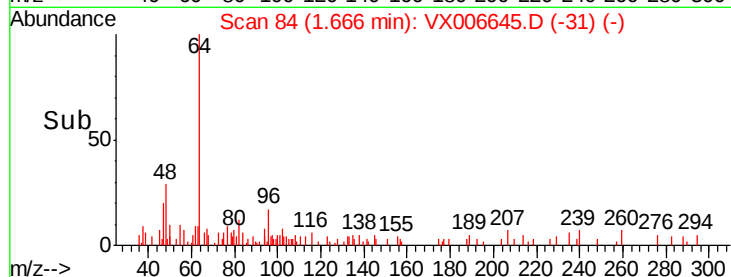
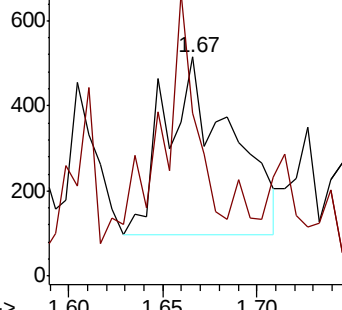
94 100

96 62.7 73.4 110.2#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 2.046 ug/l

RT: 1.73 min Scan# 95

Delta R.T. 0.02 min

Lab File: VX006645.D

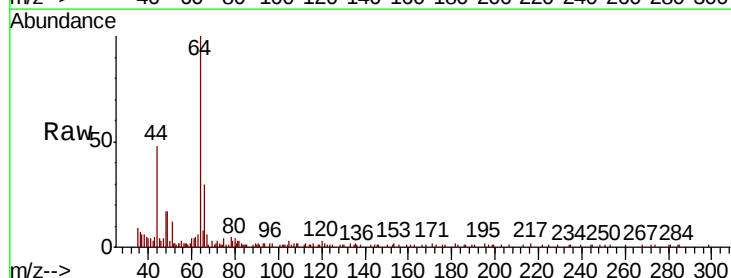
Acq: 19 Dec 2018 18:58

Tgt Ion: 64 Resp: 8892

Ion Ratio Lower Upper

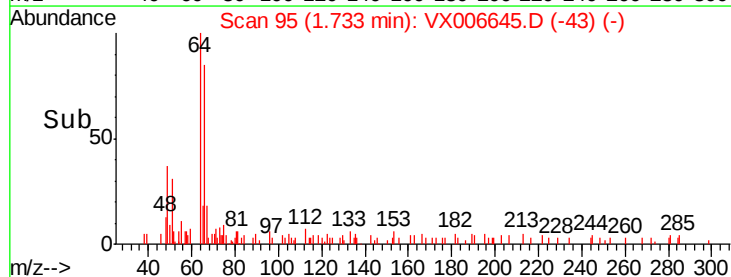
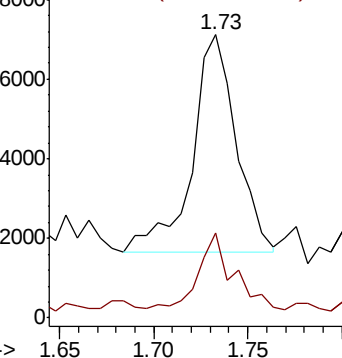
64 100

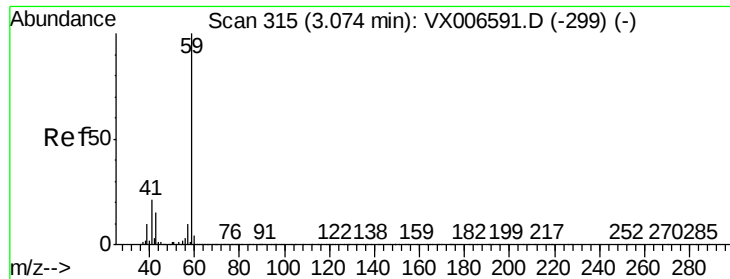
66 34.0 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



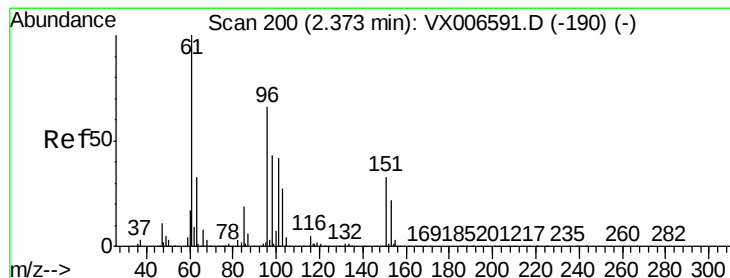
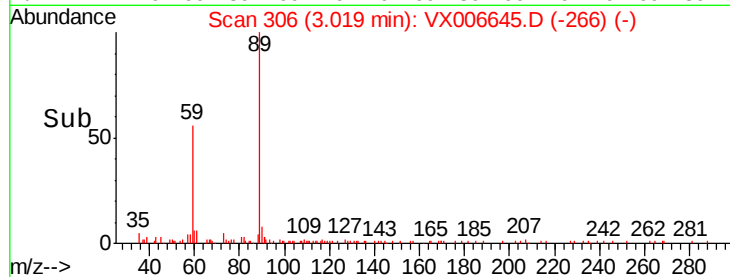
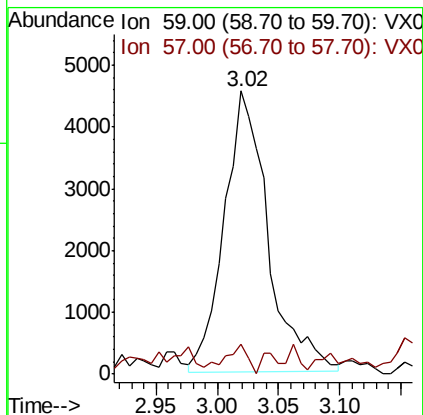
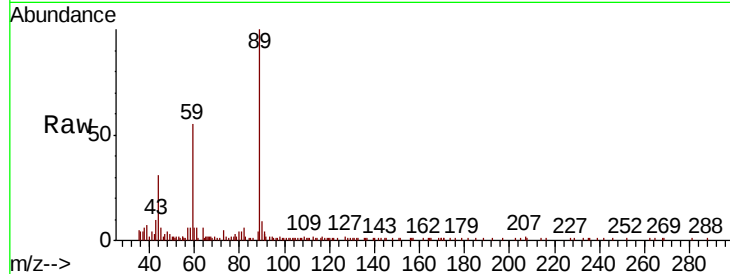


#11

Tert butyl alcohol
Concen: 7.766 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.06 min
Lab File: VX006645.D
Acq: 19 Dec 2018 18:58

Instrument :
MSVOA_X
ClientSampled :
MW-2

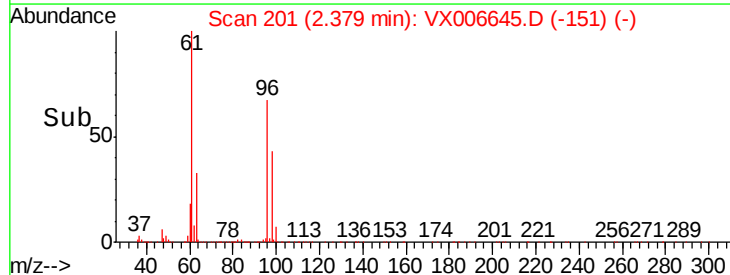
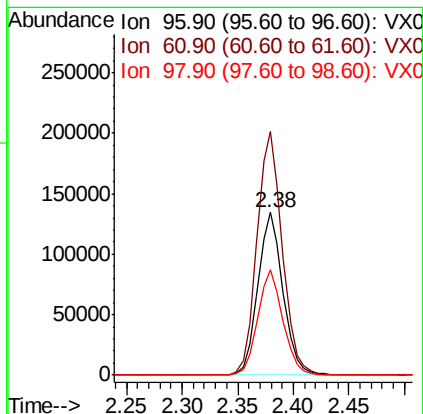
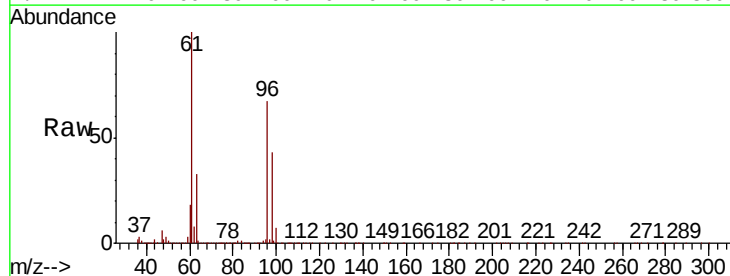
Tot Ion: 59 Resp: 11392
Ion Ratio Lower Upper
59 100
57 5.5 8.5 12.7#

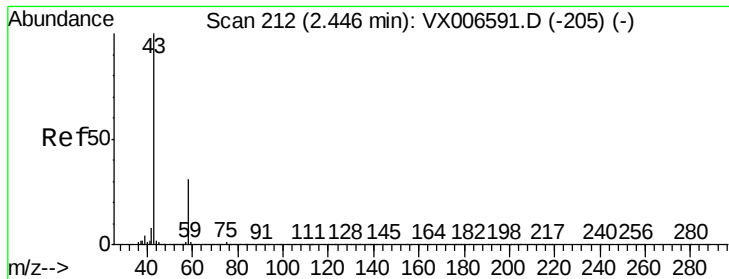


#12

1,1-Dichloroethene
Concen: 38.822 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX006645.D
Acq: 19 Dec 2018 18:58

Tgt Ion: 96 Resp: 211540
Ion Ratio Lower Upper
96 100
61 149.4 121.4 182.2
98 64.7 51.9 77.9





#16

Acetone

Concen: 1.104 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006645.D

Acq: 19 Dec 2018 18:58

Instrument :

MSVOA_X

ClientSampleId :

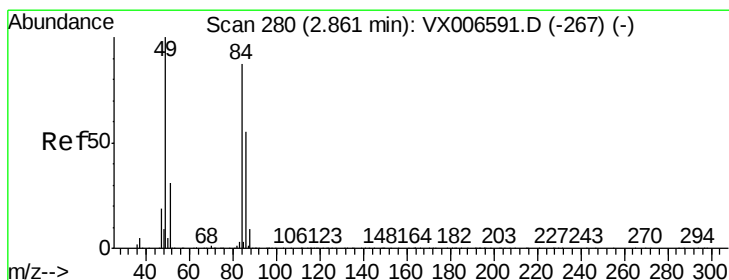
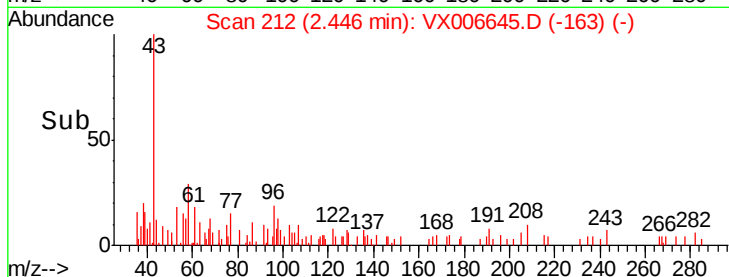
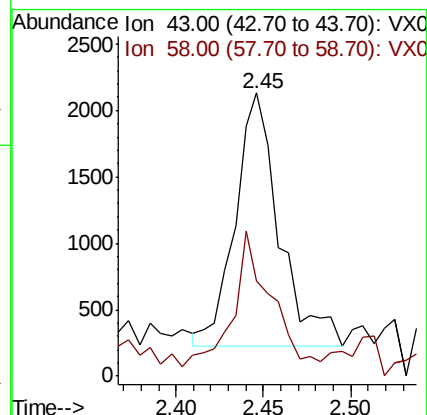
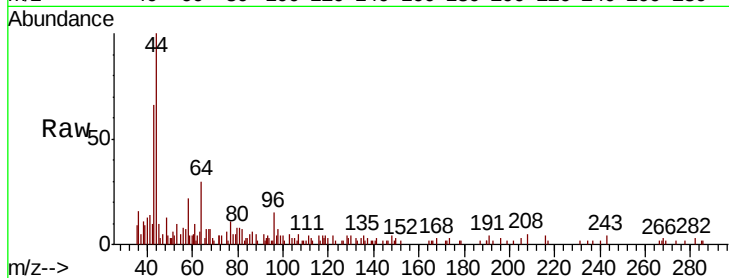
MW-2

Tot Ion: 43 Resp: 3335

Ion Ratio Lower Upper

43 100

58 29.0 25.0 37.6



#20

Methylene Chloride

Concen: 0.454 ug/l

RT: 2.86 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX006645.D

Acq: 19 Dec 2018 18:58

Tgt Ion: 84 Resp: 2837

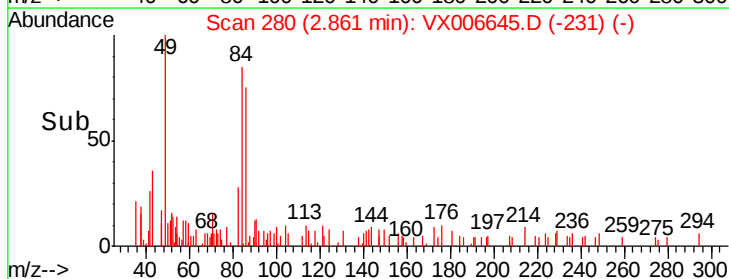
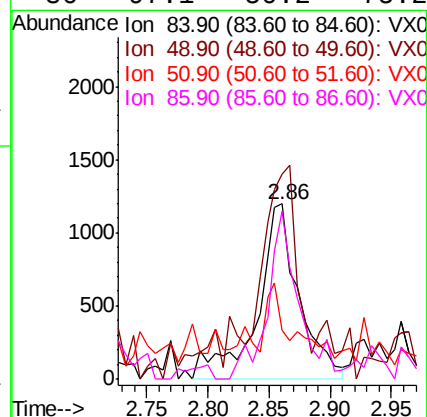
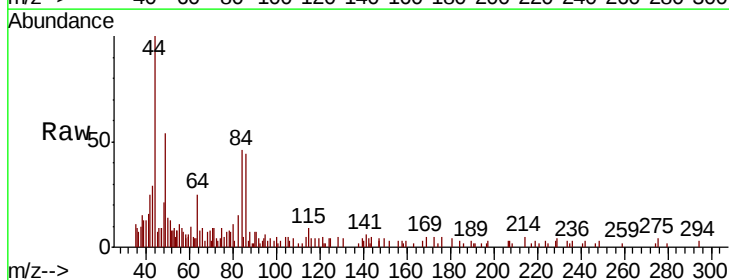
Ion Ratio Lower Upper

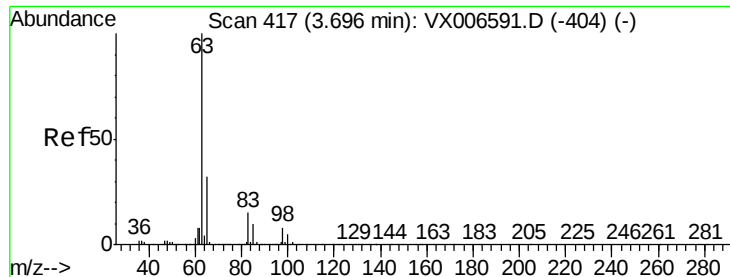
84 100

49 112.0 91.8 137.6

51 12.4 28.5 42.7#

86 97.1 50.2 75.2#





#24

1,1-Dichloroethane

Concen: 18.452 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006645.D

Acq: 19 Dec 2018 18:58

Instrument :

MSVOA_X

ClientSampled :

MW-2

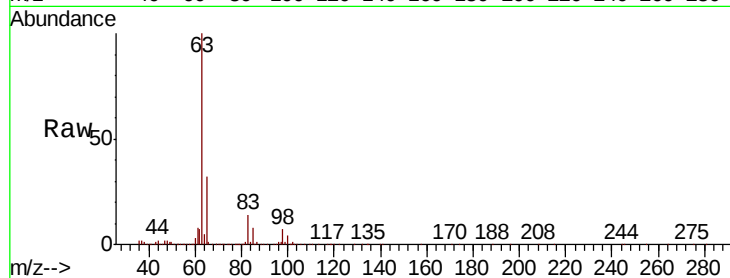
Tot Ion: 63 Resp: 184830

Ion Ratio Lower Upper

63 100

98 6.8 3.9 11.5

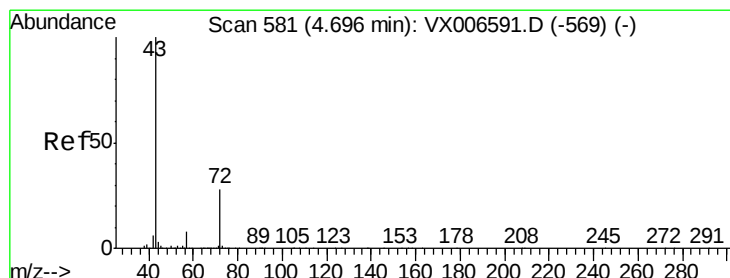
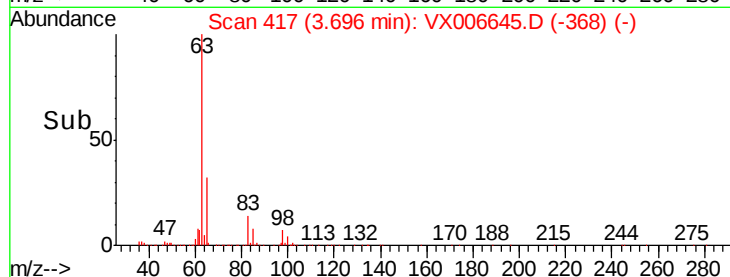
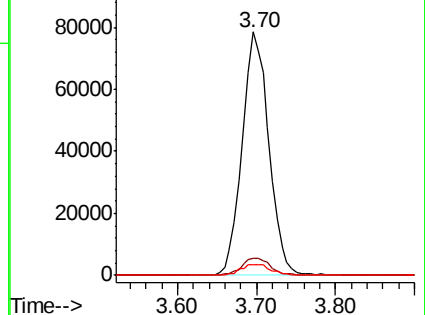
100 4.4 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



#25

2-Butanone

Concen: 0.263 ug/l

RT: 4.69 min Scan# 580

Delta R.T. -0.01 min

Lab File: VX006645.D

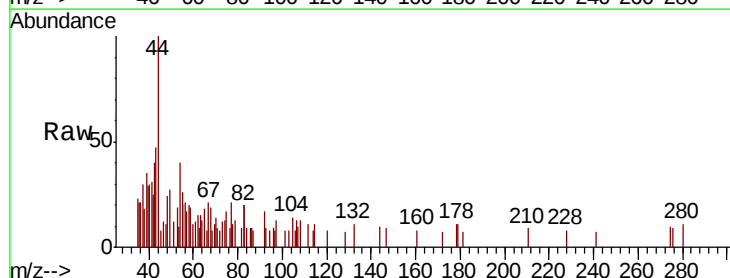
Acq: 19 Dec 2018 18:58

Tgt Ion: 43 Resp: 1118

Ion Ratio Lower Upper

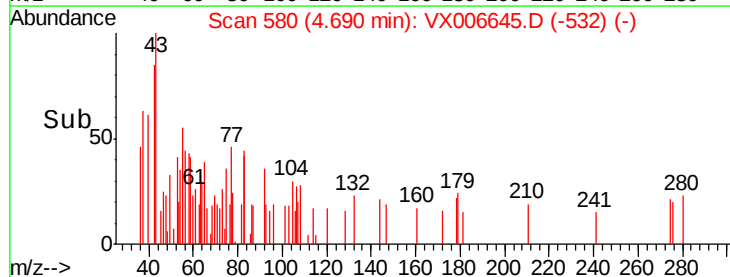
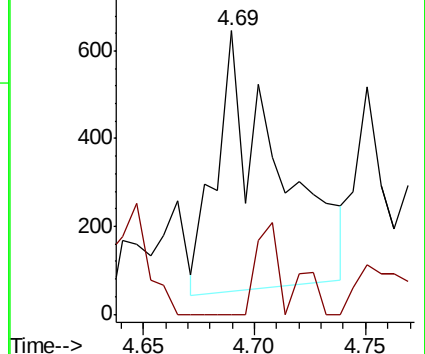
43 100

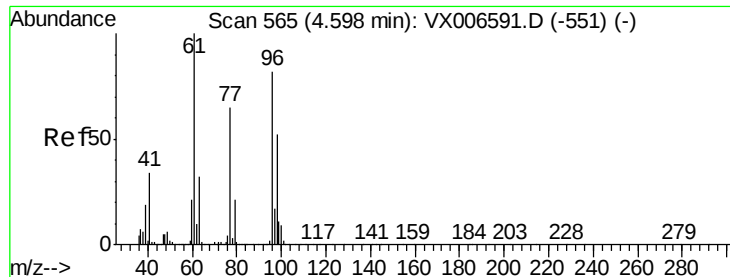
72 0.0 22.4 33.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



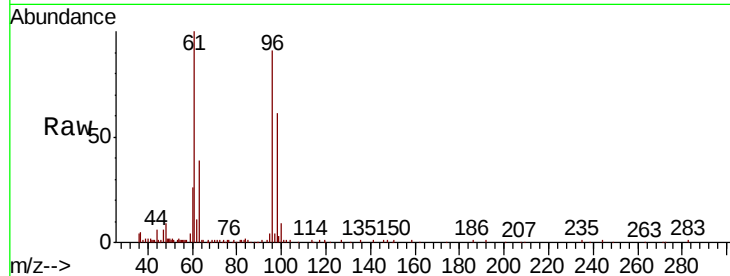


#27

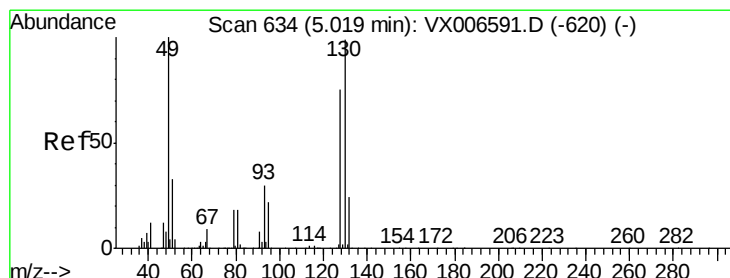
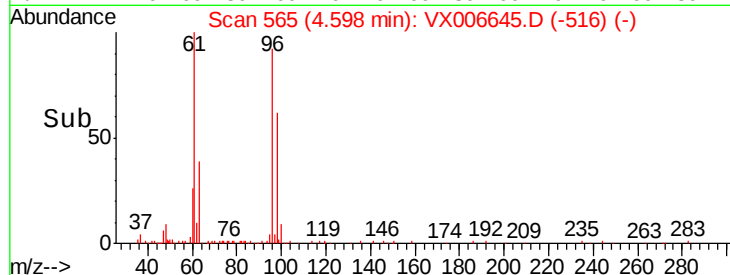
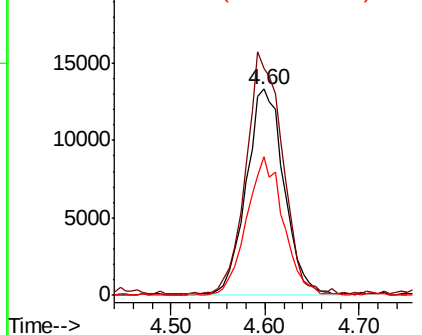
cis-1,2-Dichloroethene
 Concen: 5.634 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX006645.D
 Acq: 19 Dec 2018 18:58

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

Tot Ion	Ratio	Lower	Upper
96	100		
61	112.5	0.0	258.6
98	65.2	0.0	132.0



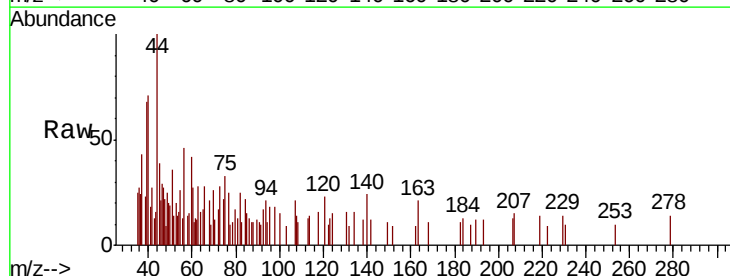
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



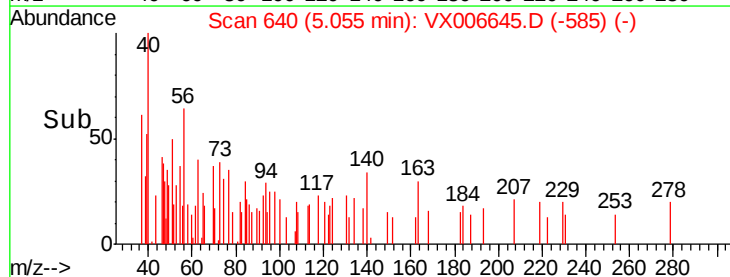
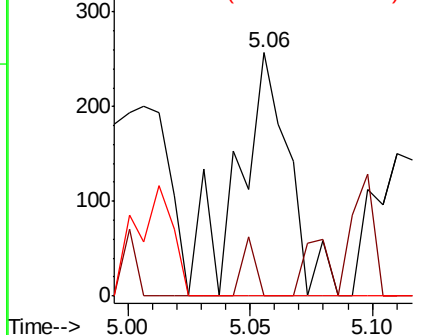
#28

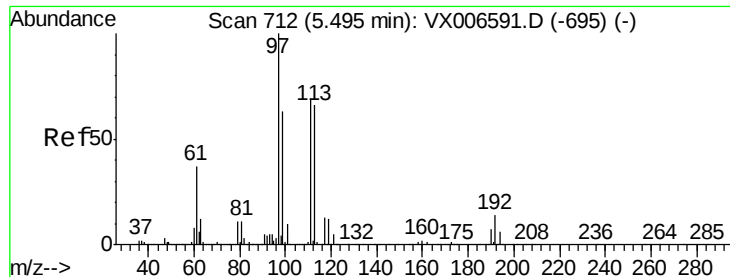
Bromochloromethane
 Concen: Below Cal
 RT: 5.06 min Scan# 640
 Delta R.T. 0.04 min
 Lab File: VX006645.D
 Acq: 19 Dec 2018 18:58

Tgt Ion	Ratio	Lower	Upper
49	100		
129	6.1	0.0	5.4#
130	0.0	77.7	116.5#



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#32

1,1,1-Trichloroethane

Concen: 2.426 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX006645.D

Acq: 19 Dec 2018 18:58

Instrument :

MSVOA_X

ClientSampled :

MW-2

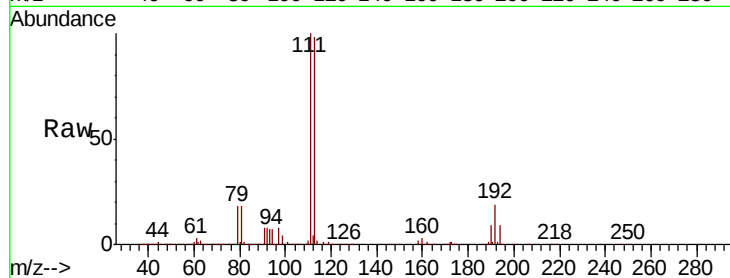
Tot Ion: 97 Resp: 21248

Ion Ratio Lower Upper

97 100

99 66.2 51.7 77.5

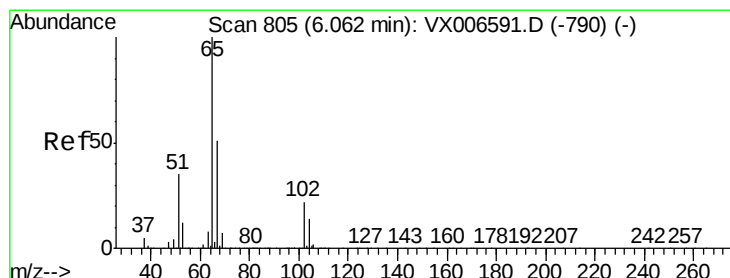
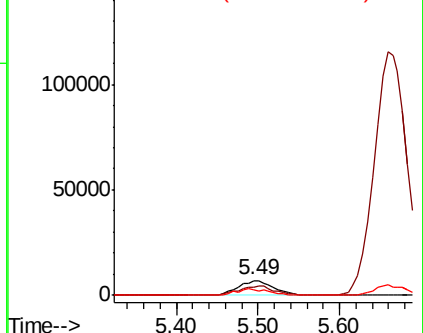
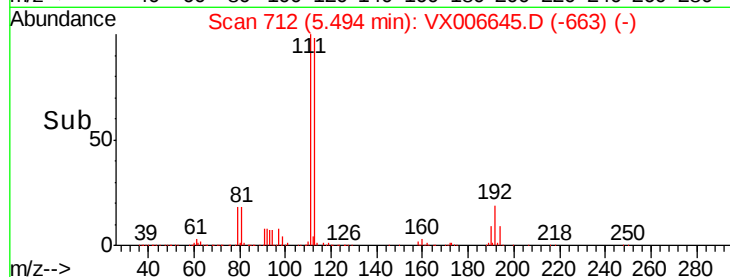
61 42.8 31.3 46.9



Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 51.626 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006645.D

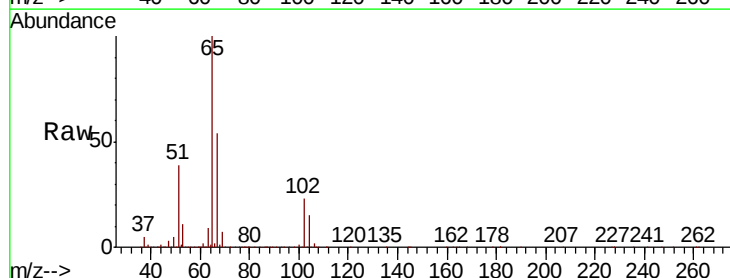
Acq: 19 Dec 2018 18:58

Tgt Ion: 65 Resp: 339335

Ion Ratio Lower Upper

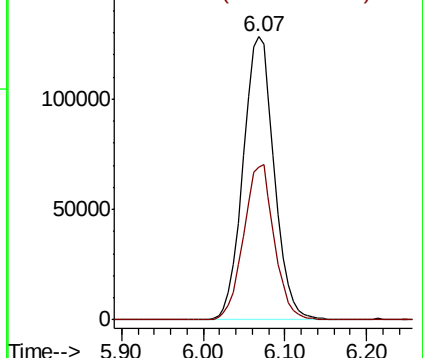
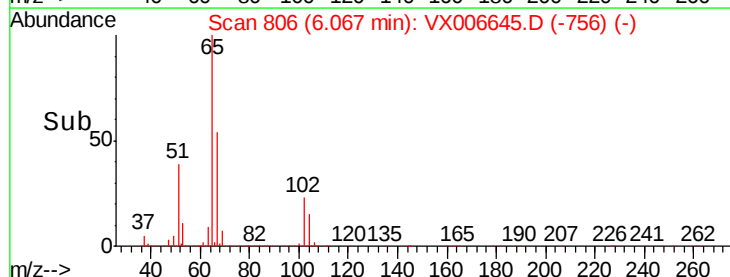
65 100

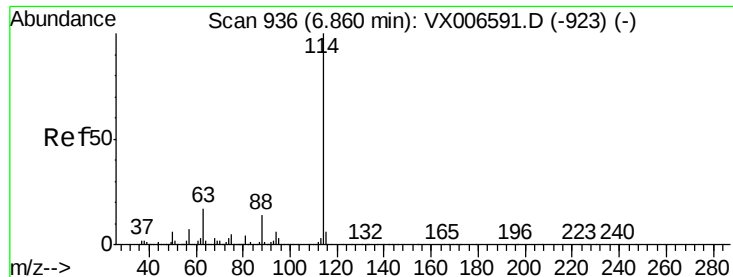
67 54.2 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

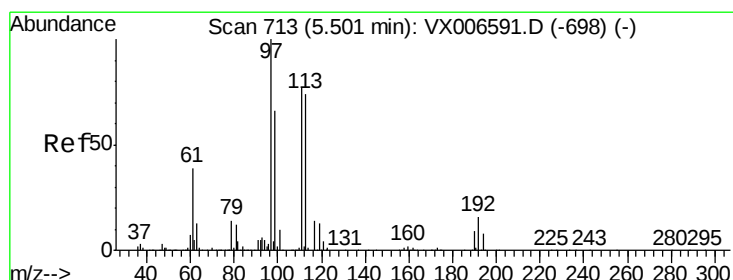
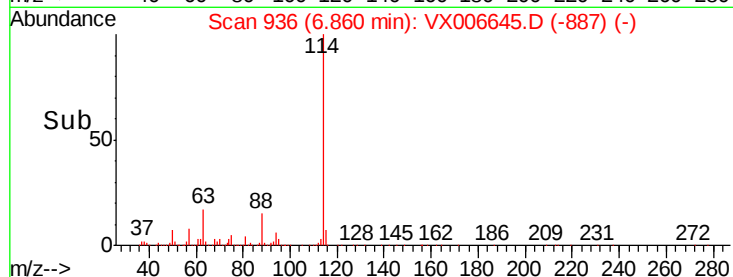
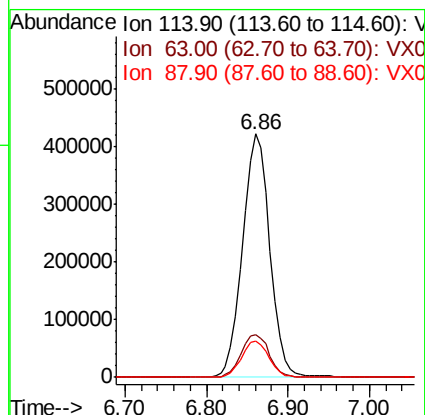
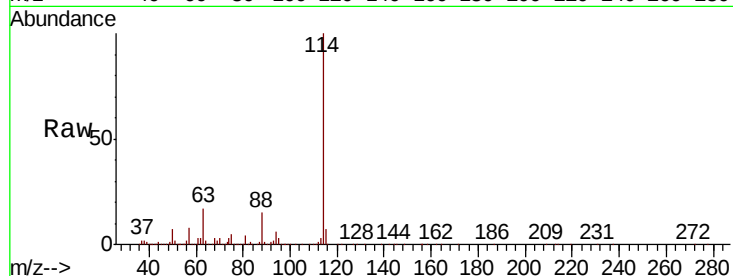




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006645.D
 Acq: 19 Dec 2018 18:58

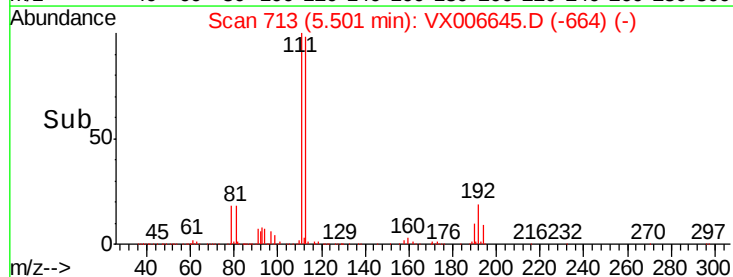
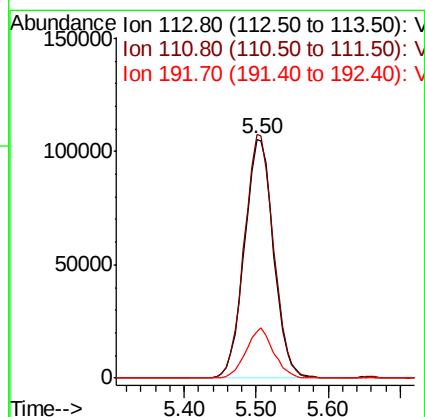
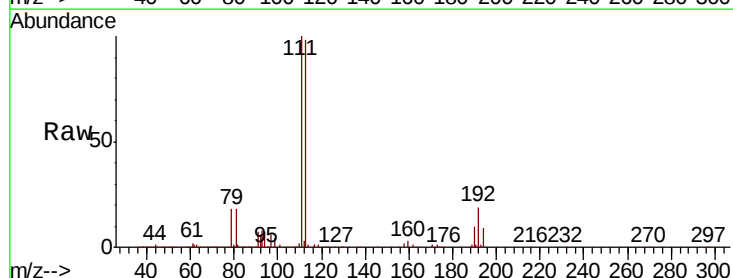
Instrument :
 MSVOA_X
 ClientSampled :
 MW-2

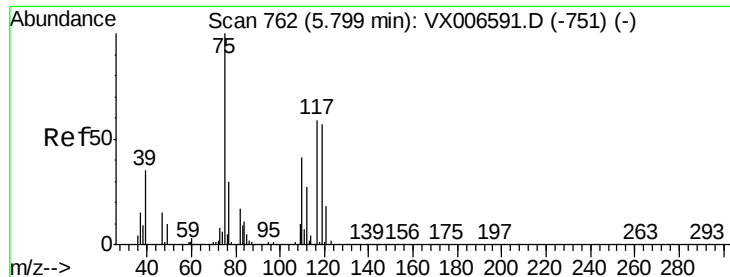
Tot Ion:114 Resp: 976873
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 34.8
 88 14.9 0.0 28.8



#35
 Dibromofluoromethane
 Concen: 47.822 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX006645.D
 Acq: 19 Dec 2018 18:58

Tgt Ion:113 Resp: 295423
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.6 122.4
 192 19.7 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.322 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX006645.D

Acq: 19 Dec 2018 18:58

Instrument :

MSVOA_X

ClientSampled :

MW-2

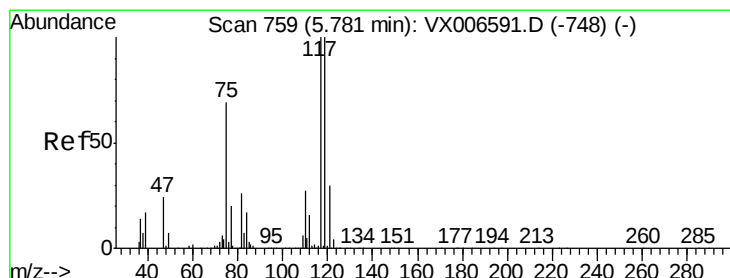
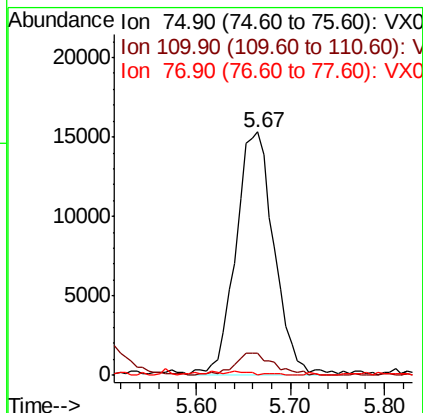
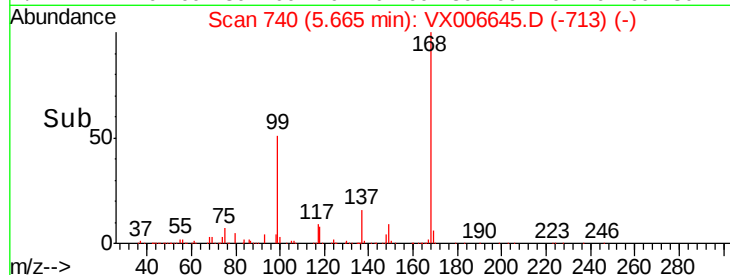
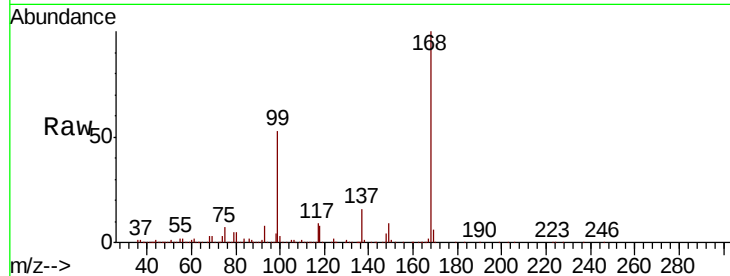
Tot Ion: 75 Resp: 43060

Ion Ratio Lower Upper

75 100

110 0.0 20.2 60.5#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 7.482 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX006645.D

Acq: 19 Dec 2018 18:58

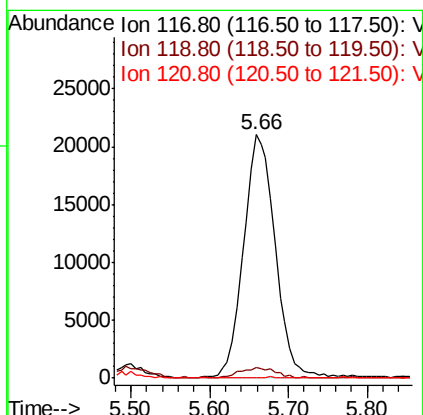
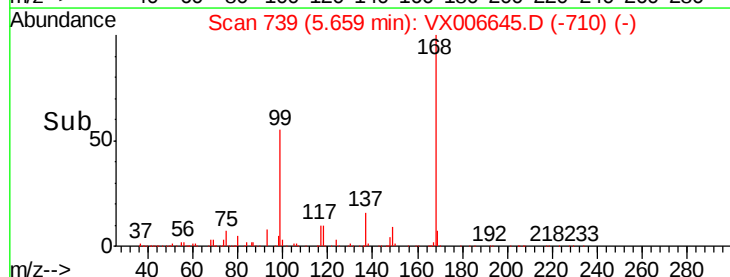
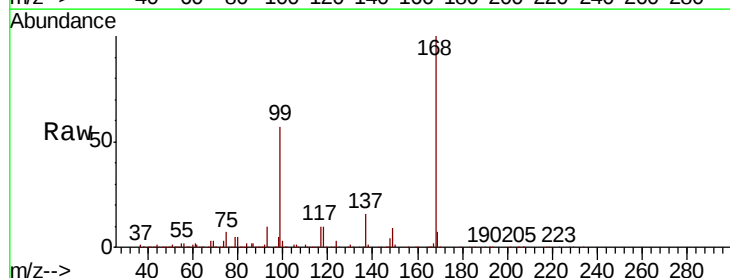
Tgt Ion: 117 Resp: 58830

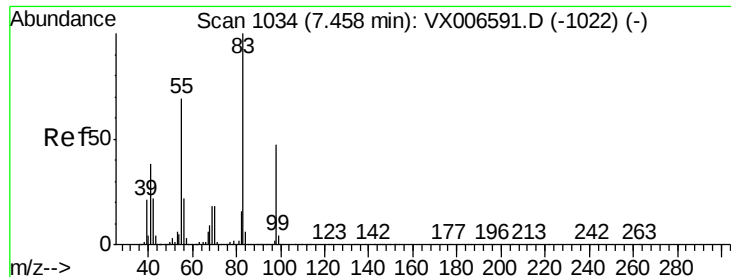
Ion Ratio Lower Upper

117 100

119 4.5 79.4 119.2#

121 0.0 24.0 36.0#





#39

Methvlcvclohexane

Concen: 0.408 ug/l

RT: 7.45 min Scan# 1033

Delta R.T. -0.01 min

Lab File: VX006645.D

Acq: 19 Dec 2018 18:58

Instrument :

MSVOA_X

ClientSampleId :

MW-2

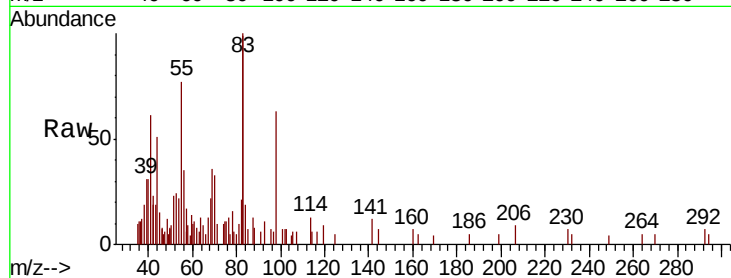
Tot Ion: 83 Resp: 4343

Ion Ratio Lower Upper

83 100

55 32.3 54.9 82.3#

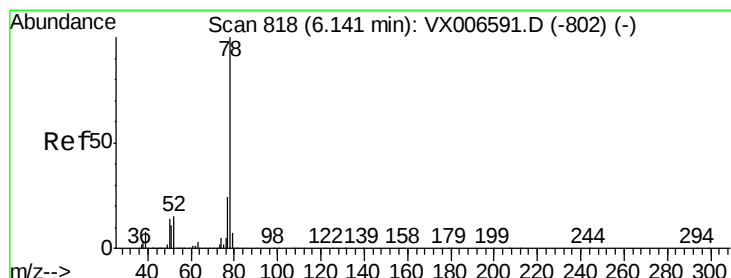
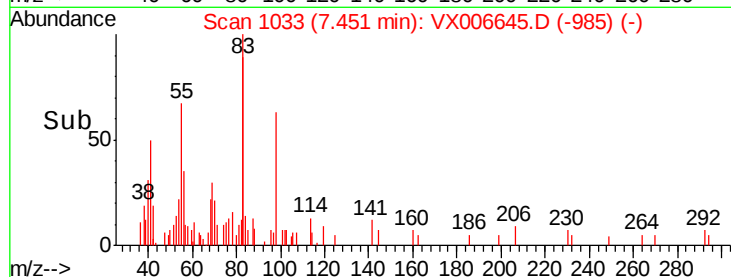
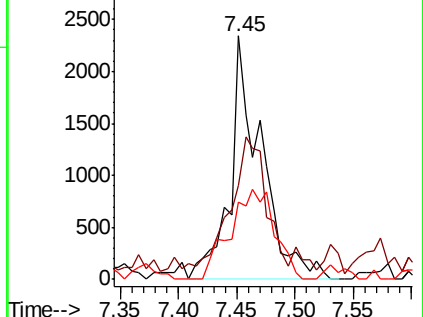
98 29.0 37.9 56.9#



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40

Benzene

Concen: 0.312 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX006645.D

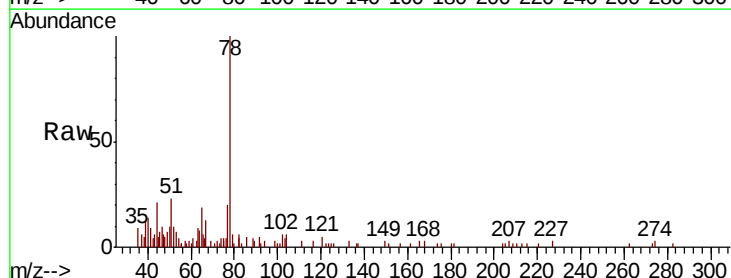
Acq: 19 Dec 2018 18:58

Tgt Ion: 78 Resp: 7664

Ion Ratio Lower Upper

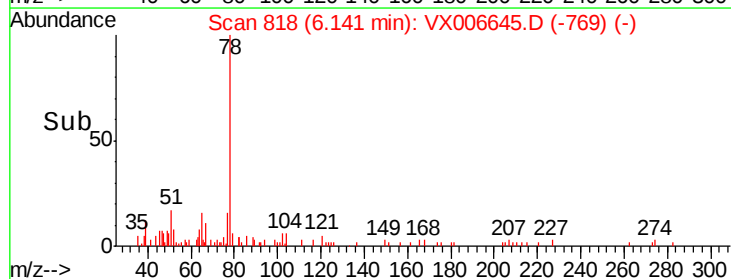
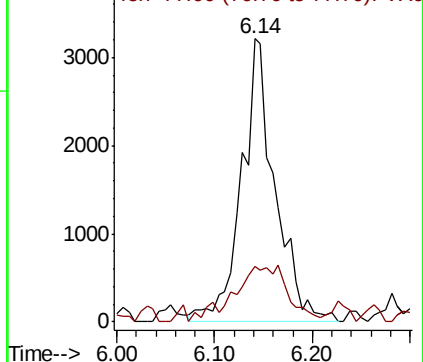
78 100

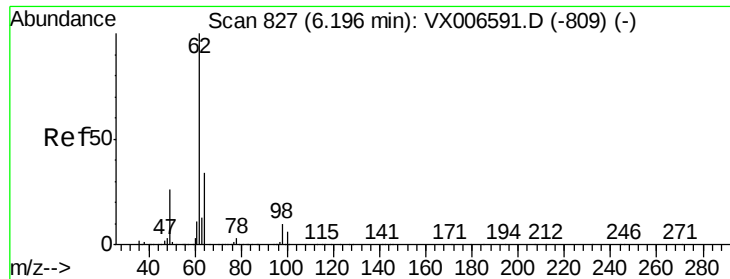
77 19.6 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#42

1,2-Dichloroethane

Concen: 1.421 ug/l

RT: 6.20 min Scan# 828

Delta R.T. 0.01 min

Lab File: VX006645.D

Acq: 19 Dec 2018 18:58

Instrument :

MSVOA_X

ClientSampleId :

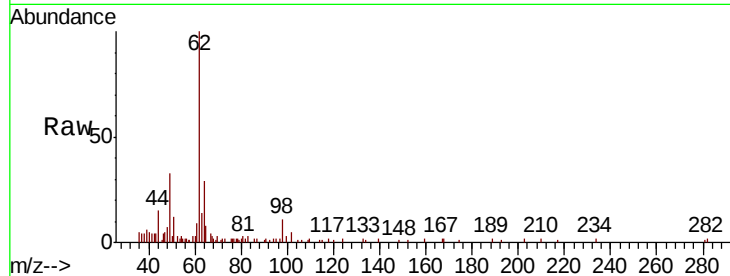
MW-2

Tot Ion: 62 Resp: 11906

Ion Ratio Lower Upper

62 100

98 12.3 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

6.20

5000

4000

3000

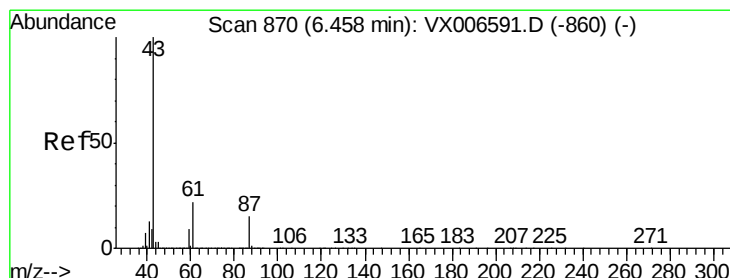
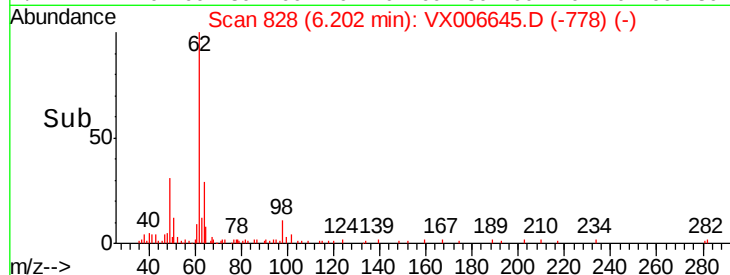
2000

1000

0

6.10 6.15 6.20 6.25 6.30

Time-->



#43

Isopropyl Acetate

Concen: 1.186 ug/l

RT: 6.38 min Scan# 857

Delta R.T. -0.08 min

Lab File: VX006645.D

Acq: 19 Dec 2018 18:58

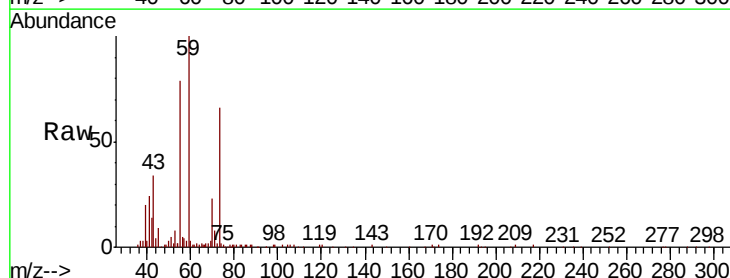
Tgt Ion: 43 Resp: 15201

Ion Ratio Lower Upper

43 100

61 2.6 16.8 25.2#

87 1.6 12.4 18.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

6.38

6000

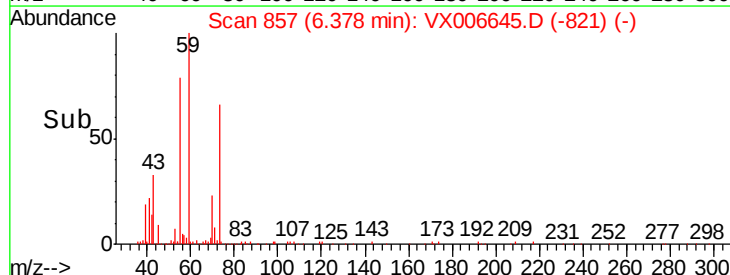
4000

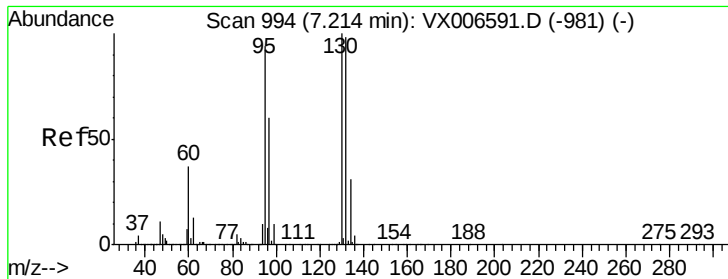
2000

0

6.25 6.30 6.35 6.40 6.45

Time-->





#44

Trichloroethene

Concen: 0.646 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX006645.D

Acq: 19 Dec 2018 18:58

Instrument :

MSVOA_X

ClientSampled :

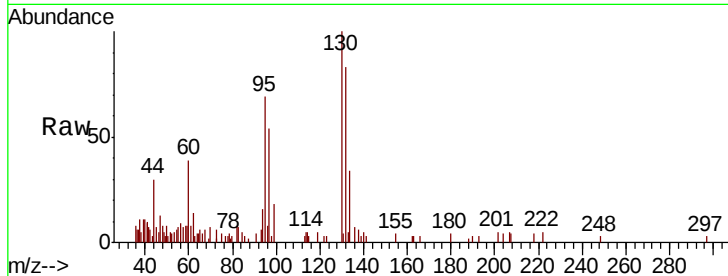
MW-2

Tot Ion:130 Resp: 4809

Ion Ratio Lower Upper

130 100

95 68.8 0.0 187.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.22

2500

2000

1500

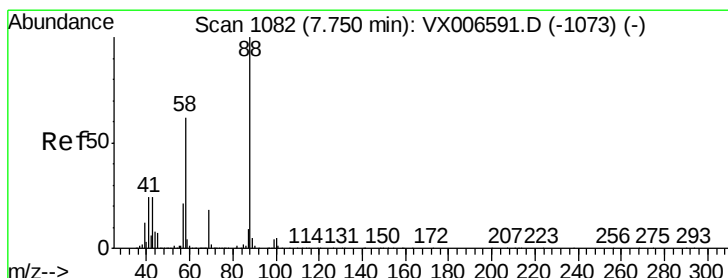
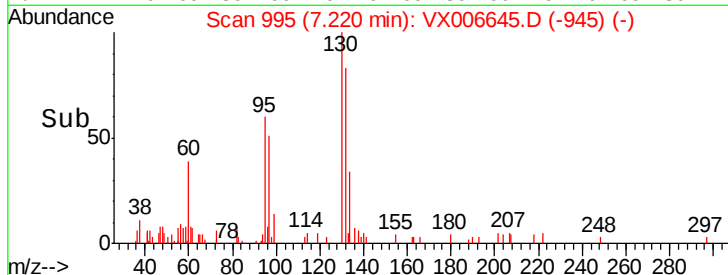
1000

500

0

7.10 7.15 7.20 7.25 7.30

Time-->



#49

1,4-Dioxane

Concen: 238.054 ug/l

RT: 7.74 min Scan# 1081

Delta R.T. -0.01 min

Lab File: VX006645.D

Acq: 19 Dec 2018 18:58

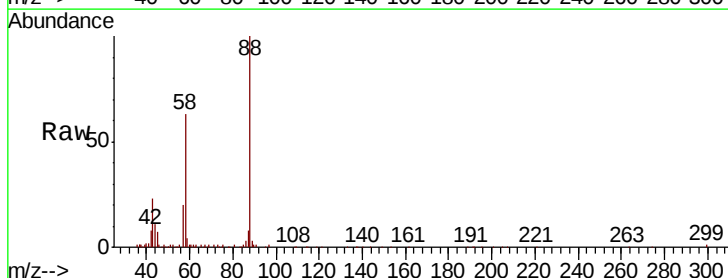
Tgt Ion: 88 Resp: 43166

Ion Ratio Lower Upper

88 100

43 25.1 22.2 33.4

58 62.3 51.0 76.4



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

7.74

25000

20000

15000

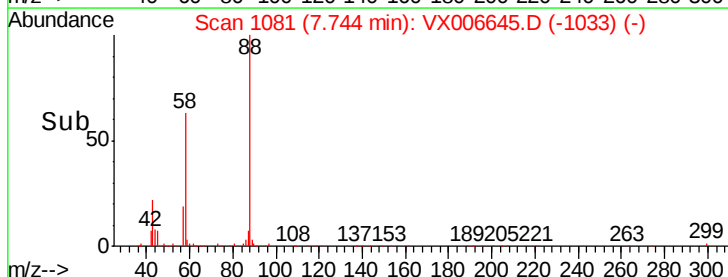
10000

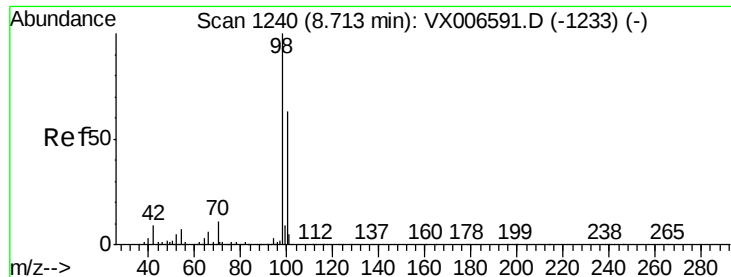
5000

0

7.70 7.80

Time-->





#50

Toluene-d8

Concen: 50.086 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006645.D

Acq: 19 Dec 2018 18:58

Instrument :

MSVOA_X

ClientSampleId :

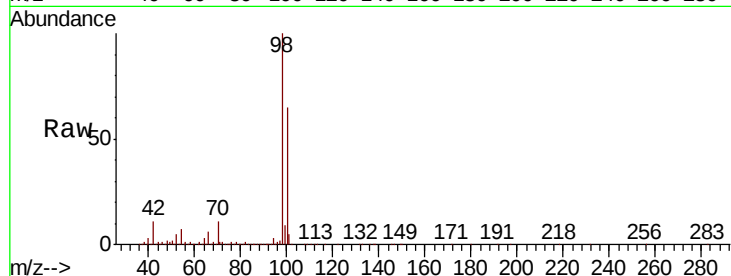
MW-2

Tot Ion: 98 Resp: 1166480

Ion Ratio Lower Upper

98 100

100 64.2 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

800000

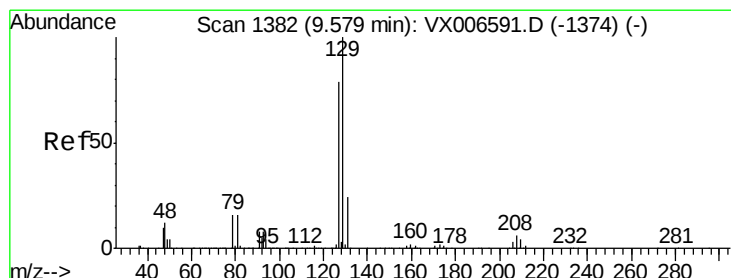
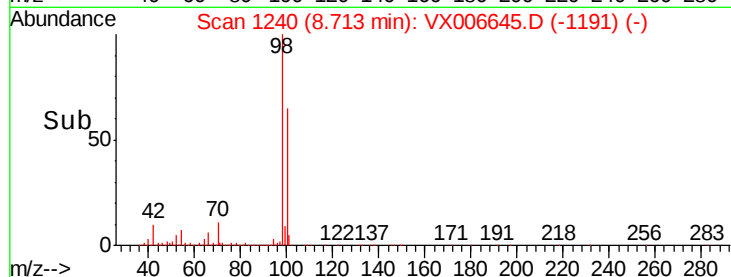
600000

400000

200000

0

Time-->



#60

Dibromochloromethane

Concen: 2.339 ug/l

RT: 9.60 min Scan# 1386

Delta R.T. 0.02 min

Lab File: VX006645.D

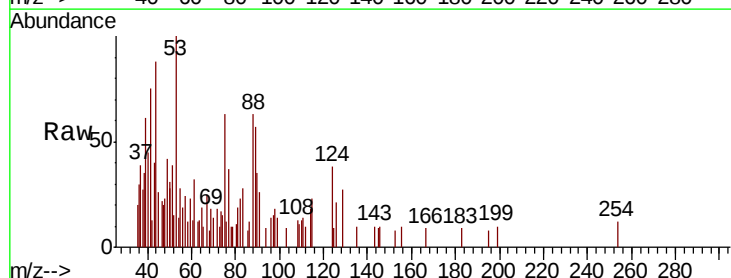
Acq: 19 Dec 2018 18:58

Tgt Ion:129 Resp: 104

Ion Ratio Lower Upper

129 100

127 105.8 39.3 117.8



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.60

200

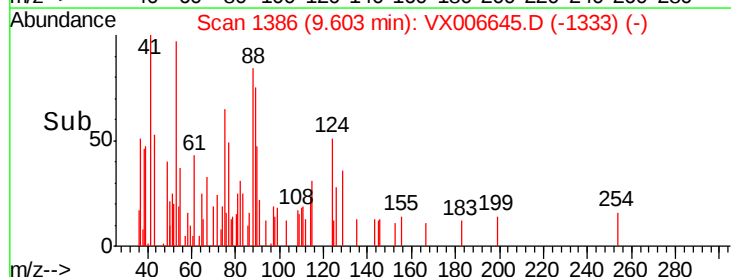
150

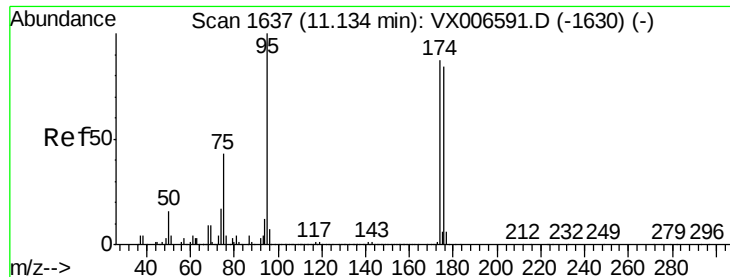
100

50

0

Time-->

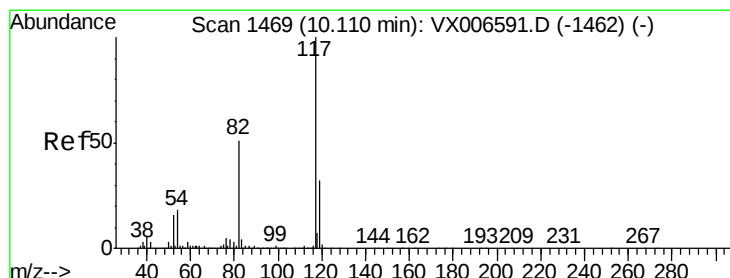
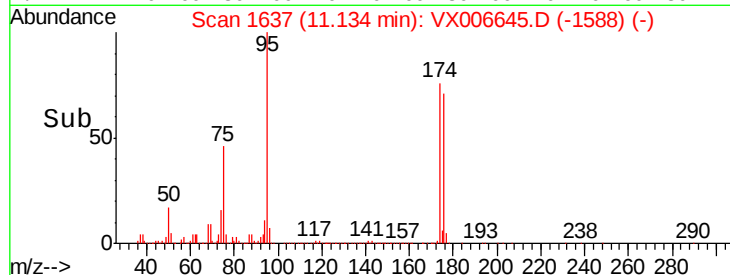
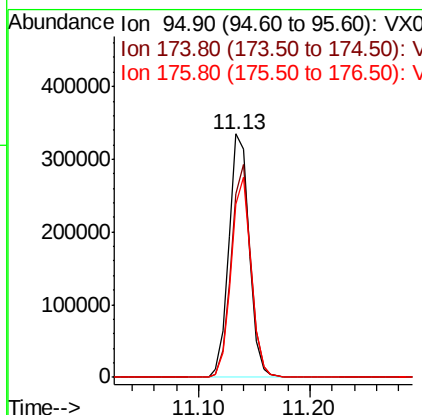
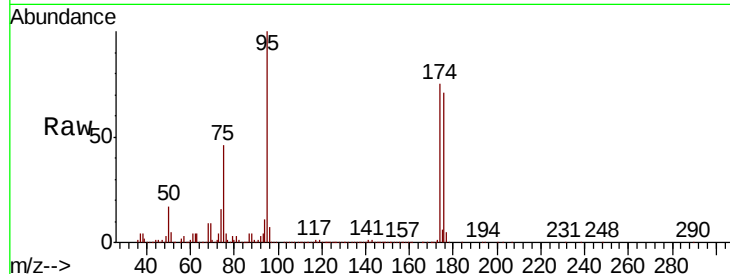




#62
4-Bromofluorobenzene
Concen: 49.477 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX006645.D
Acq: 19 Dec 2018 18:58

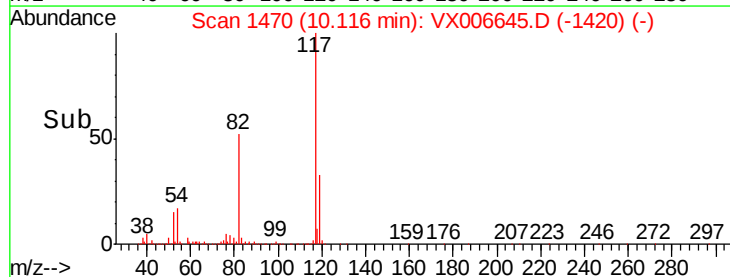
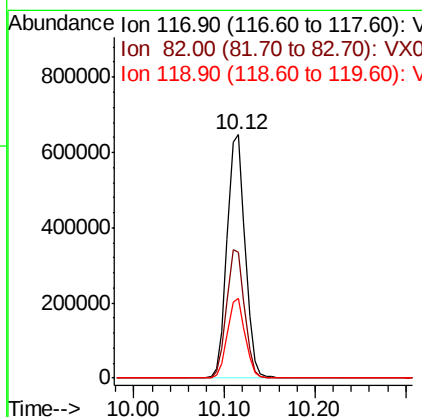
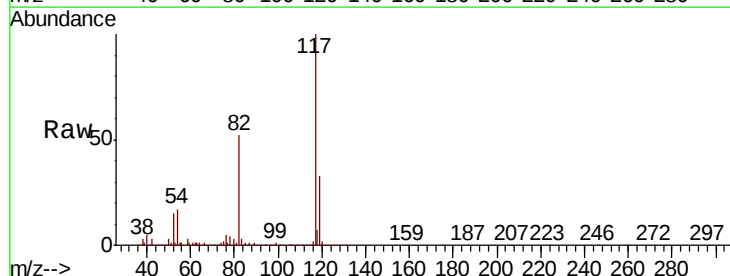
Instrument :
MSVOA_X
ClientSampleId :
MW-2

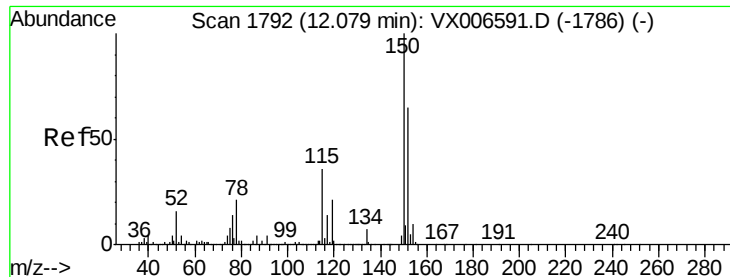
Tot Ion: 95 Resp: 422022
Ion Ratio Lower Upper
95 100
174 85.2 0.0 182.2
176 81.0 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006645.D
Acq: 19 Dec 2018 18:58

Tgt Ion: 117 Resp: 898771
Ion Ratio Lower Upper
117 100
82 51.7 41.0 61.6
119 32.5 25.4 38.0



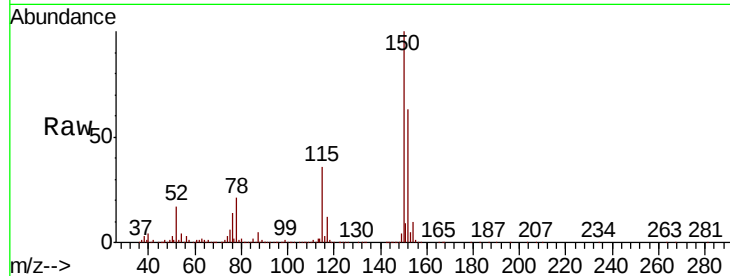


#72

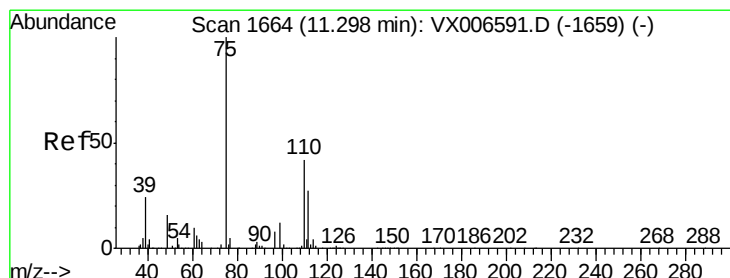
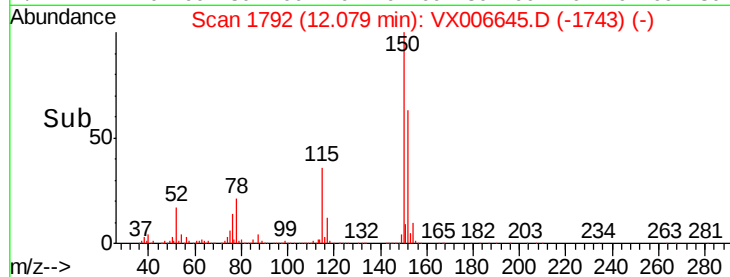
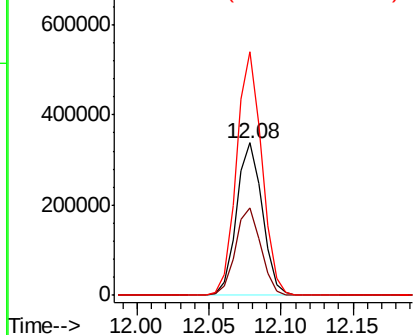
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006645.D
Acq: 19 Dec 2018 18:58

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.0	39.1	117.2
150	157.4	0.0	344.8



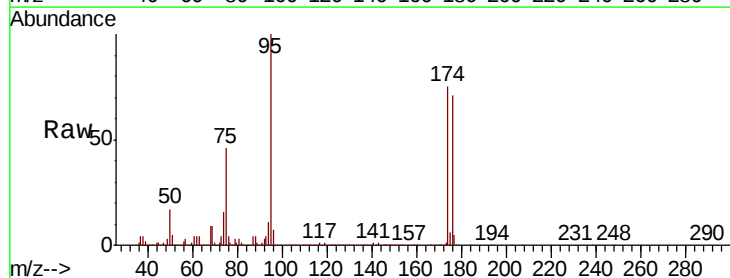
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



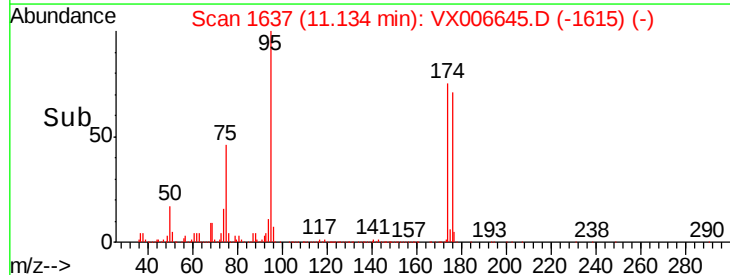
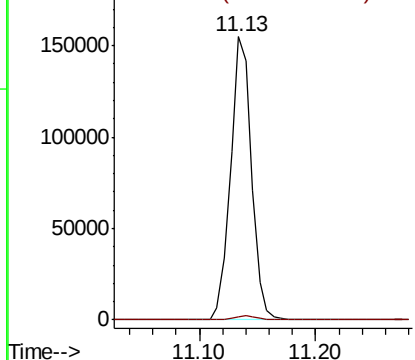
#76

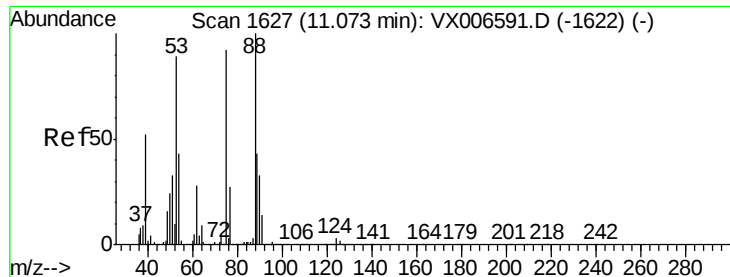
1,2,3-Trichloropropane
Concen: 24.877 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX006645.D
Acq: 19 Dec 2018 18:58

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.8	18.5	55.5#



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: 73.531 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006645.D

Acq: 19 Dec 2018 18:58

Instrument :

MSVOA_X

ClientSampleId :

MW-2

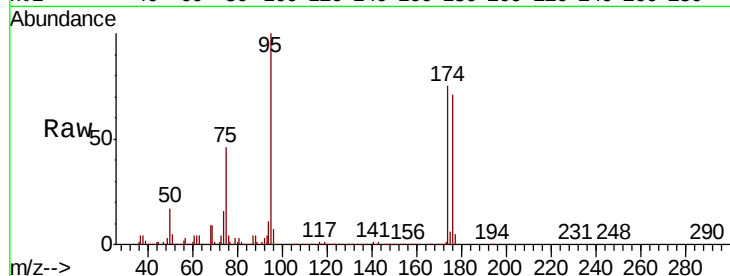
Tot Ion: 75 Resp: 194788

Ion Ratio Lower Upper

75 100

53 1.3 79.7 119.5#

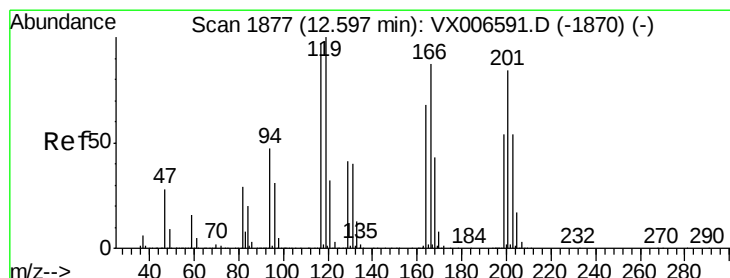
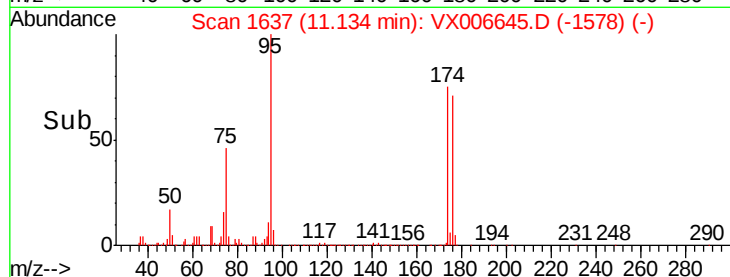
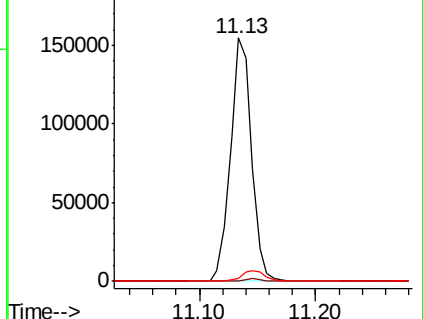
89 5.1 38.0 57.0#



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



#90

Hexachloroethane

Concen: 3.371 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX006645.D

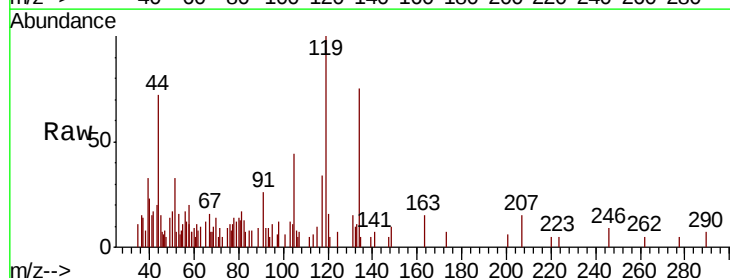
Acq: 19 Dec 2018 18:58

Tgt Ion: 117 Resp: 333

Ion Ratio Lower Upper

117 100

201 6.0 42.9 128.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

