

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102618\
 Data File : VX005612.D
 Acq On : 26 Oct 2018 18:29
 Operator : JC/MD
 Sample : J5696-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-2018.10.25-SW

Quant Time: Oct 27 04:48:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	251021	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	377643	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	326666	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	155353	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	156854	51.19	ug/l	0.00
Spiked Amount			Recovery	=	102.38%	
35) Dibromofluoromethane	5.50	113	121614	47.56	ug/l	0.00
Spiked Amount			Recovery	=	95.12%	
50) Toluene-d8	8.71	98	438344	47.71	ug/l	0.00
Spiked Amount			Recovery	=	95.42%	
62) 4-Bromofluorobenzene	11.14	95	144958	41.78	ug/l	0.00
Spiked Amount			Recovery	=	83.56%	

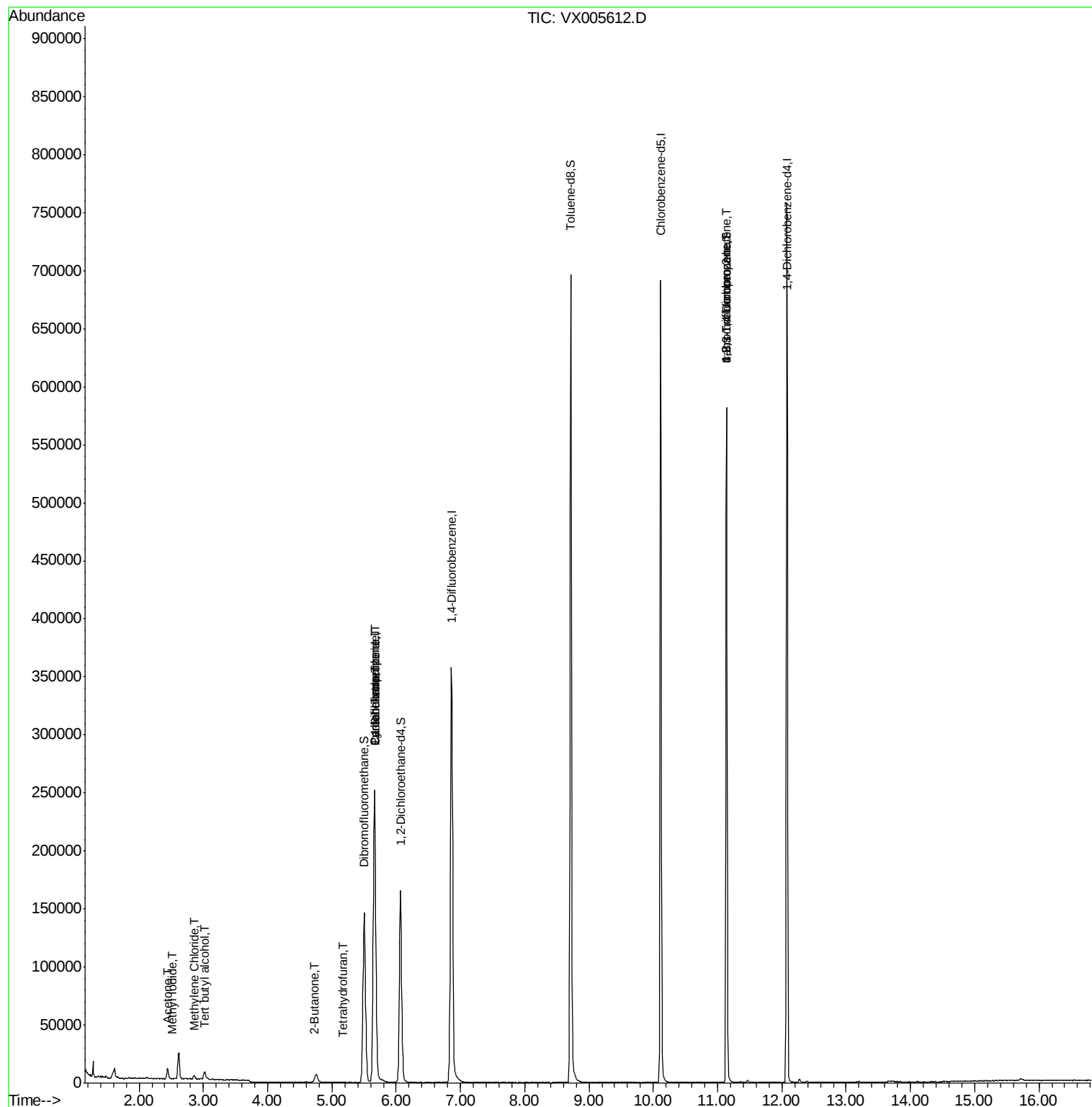
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.51	142	291	2.832	ug/l #	58
11) Tert butyl alcohol	3.03	59	4419	5.359	ug/l #	80
16) Acetone	2.44	43	9988	6.169	ug/l	95
18) Methyl Acetate	2.78	43	323	Below Cal	#	70
20) Methylene Chloride	2.86	84	1210	0.446	ug/l #	92
25) 2-Butanone	4.72	43	1447	0.587	ug/l	93
29) Tetrahydrofuran	5.17	42	541	0.337	ug/l #	44
31) Cyclohexane	5.66	56	4761	1.152	ug/l #	6
36) 1,1-Dichloropropene	5.66	75	16982	4.634	ug/l #	49
38) Carbon Tetrachloride	5.66	117	23126	5.991	ug/l #	17
76) 1,2,3-Trichloropropane	11.14	75	72515	22.031	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.14	75	72515	71.985	ug/l #	9

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

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Quant Title : SW846 8260
QLast Update : Thu Oct 25 02:52:45 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: VX005612.D

Acq: 26 Oct 2018 18:29

Instrument :

MSVOA_X

ClientSampleId :

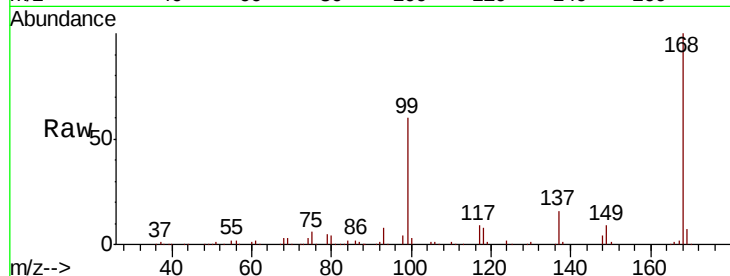
EB-2018.10.25-SW

Tot Ion:168 Resp: 251021

Ion Ratio Lower Upper

168 100

99 60.0 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

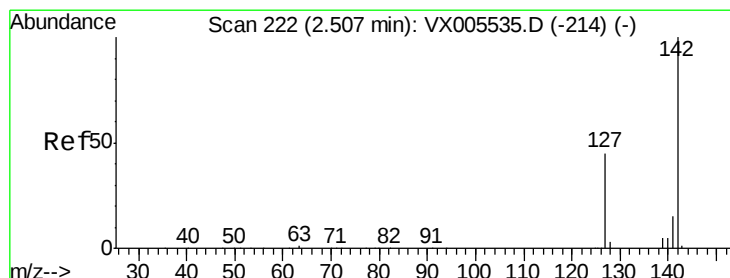
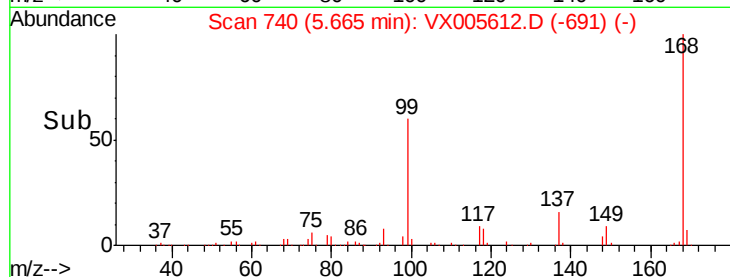
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#10

Methyl Iodide

Concen: 2.832 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX005612.D

Acq: 26 Oct 2018 18:29

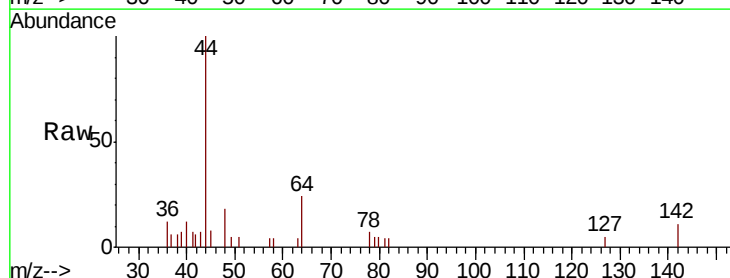
Tgt Ion:142 Resp: 291

Ion Ratio Lower Upper

142 100

127 16.5 36.0 54.0#

141 0.0 11.7 17.5#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

200

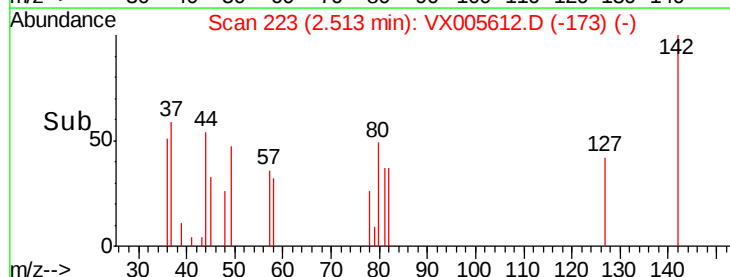
150

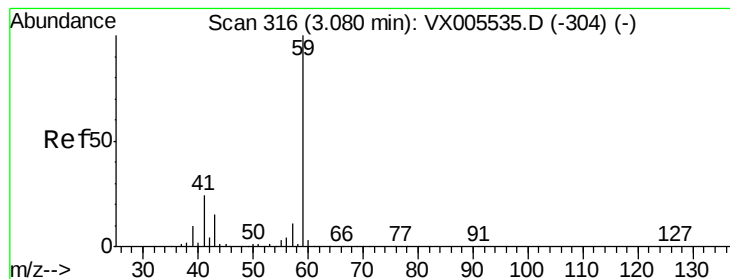
100

50

0

Time--> 2.50 2.55



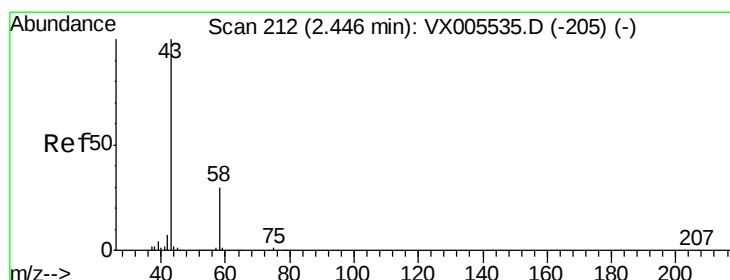
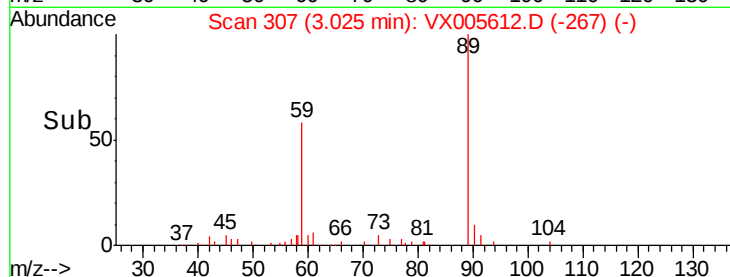
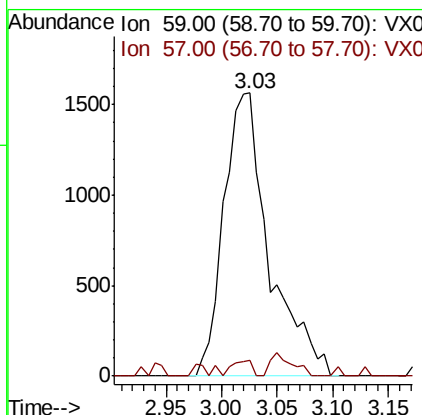
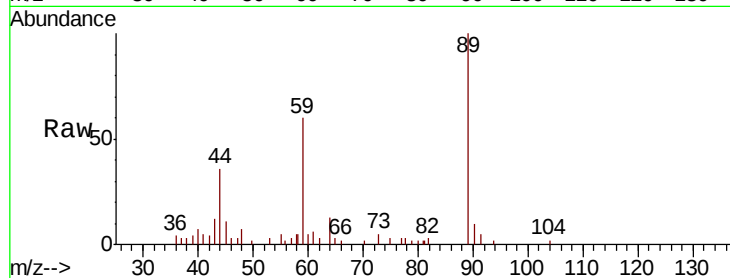


#11

Tert butyl alcohol
 Concen: 5.359 ug/l
 RT: 3.03 min Scan# 307
 Delta R.T. -0.06 min
 Lab File: VX005612.D
 Acq: 26 Oct 2018 18:29

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-2018.10.25-SW

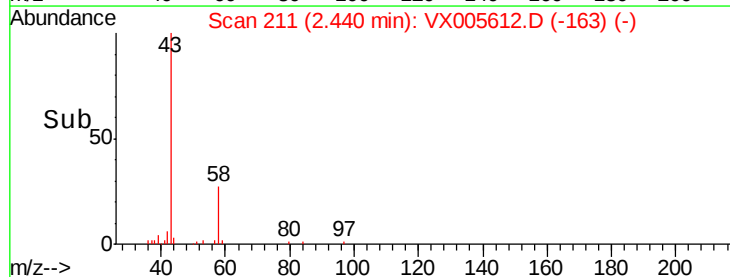
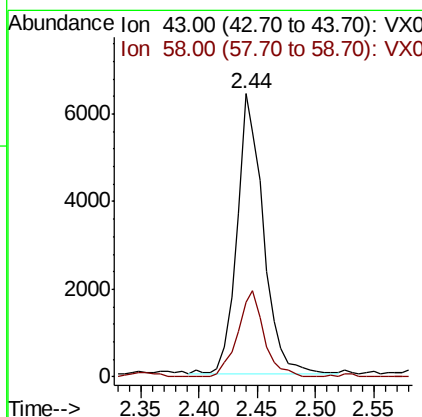
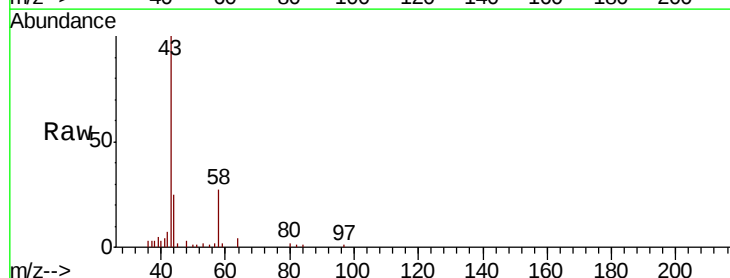
Tot Ion: 59 Resp: 4419
 Ion Ratio Lower Upper
 59 100
 57 3.0 8.5 12.7#

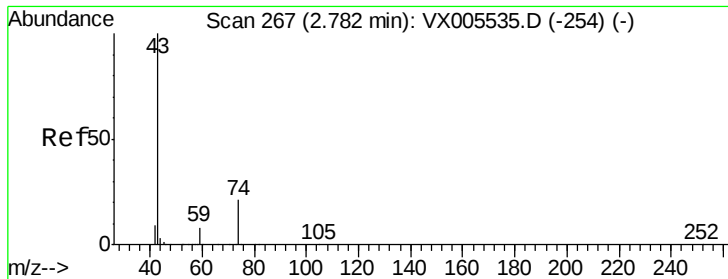


#16

Acetone
 Concen: 6.169 ug/l
 RT: 2.44 min Scan# 211
 Delta R.T. -0.01 min
 Lab File: VX005612.D
 Acq: 26 Oct 2018 18:29

Tgt Ion: 43 Resp: 9988
 Ion Ratio Lower Upper
 43 100
 58 26.9 23.8 35.6





#18

Methyl Acetate

Concen: Below Cal

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX005612.D

Acq: 26 Oct 2018 18:29

Instrument :

MSVOA_X

ClientSampleId :

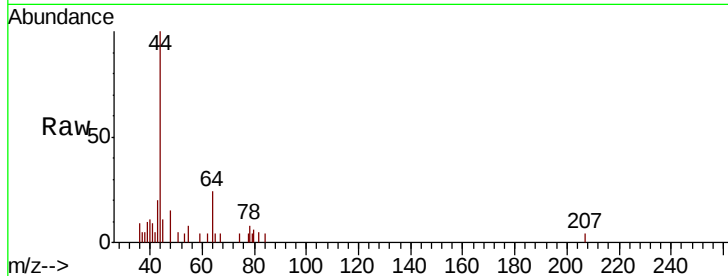
EB-2018.10.25-SW

Tot Ion: 43 Resp: 323

Ion Ratio Lower Upper

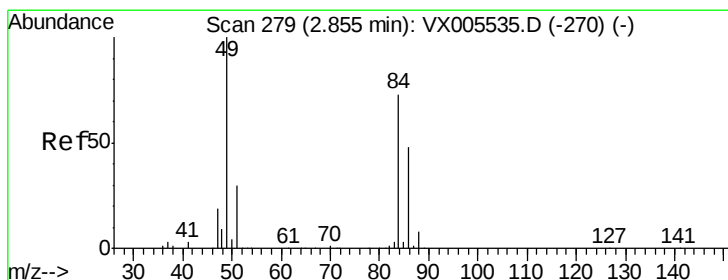
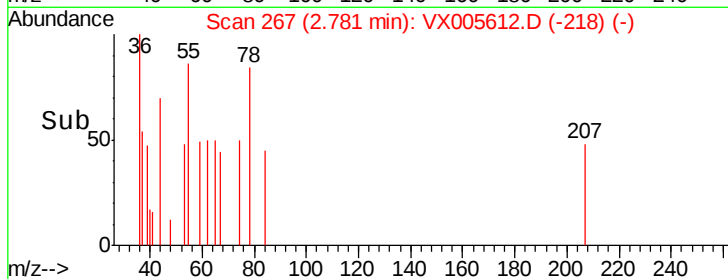
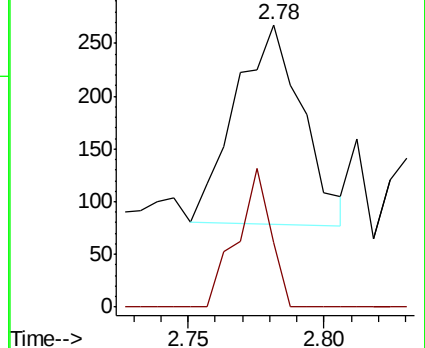
43 100

74 35.0 16.8 25.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



#20

Methylene Chloride

Concen: 0.446 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX005612.D

Acq: 26 Oct 2018 18:29

Tgt Ion: 84 Resp: 1210

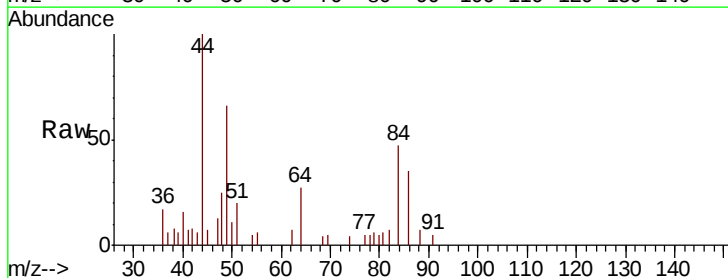
Ion Ratio Lower Upper

84 100

49 140.8 109.5 164.3

51 32.3 33.3 49.9#

86 75.9 52.7 79.1

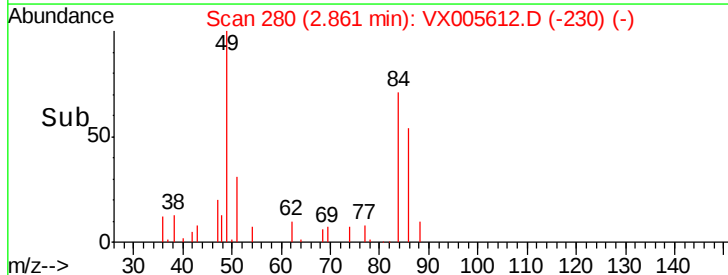
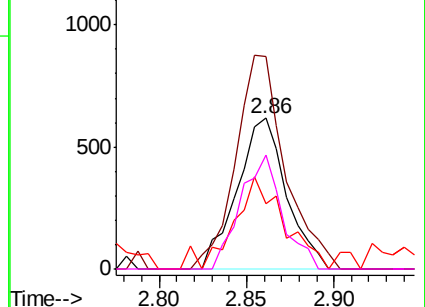


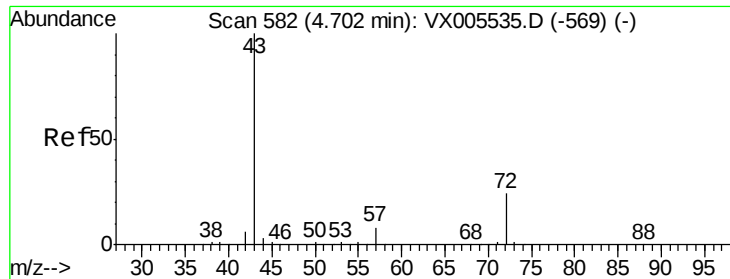
Abundance Ion 83.90 (83.60 to 84.60): VX0

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: 0.587 ug/l

RT: 4.72 min Scan# 585

Delta R.T. 0.02 min

Lab File: VX005612.D

Acq: 26 Oct 2018 18:29

Instrument :

MSVOA_X

ClientSampleId :

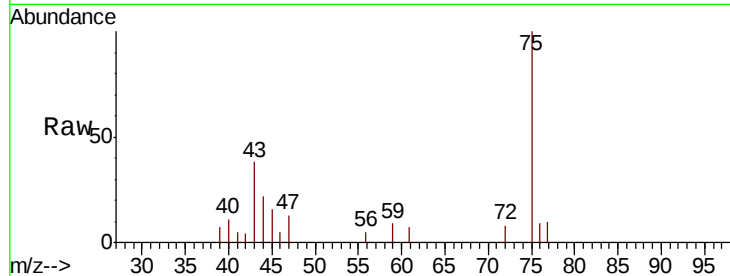
EB-2018.10.25-SW

Tot Ion: 43 Resp: 1447

Ion Ratio Lower Upper

43 100

72 20.3 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.72

400

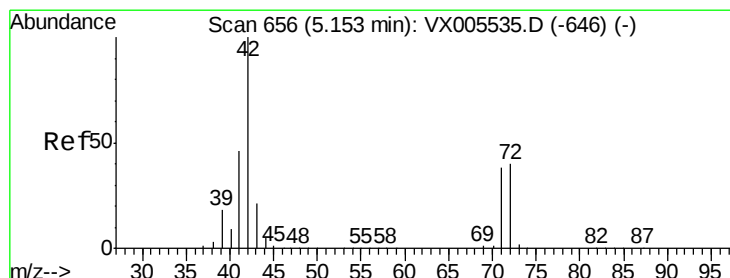
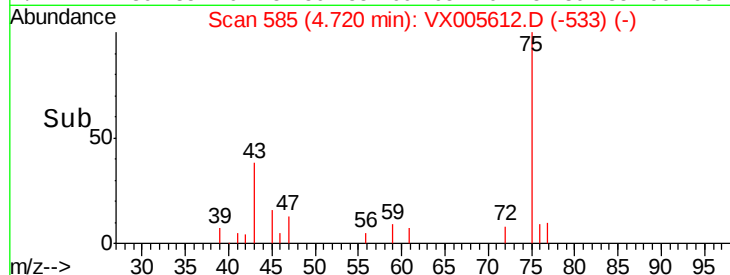
300

200

100

0

Time-->



#29

Tetrahydrofuran

Concen: 0.337 ug/l

RT: 5.17 min Scan# 659

Delta R.T. 0.02 min

Lab File: VX005612.D

Acq: 26 Oct 2018 18:29

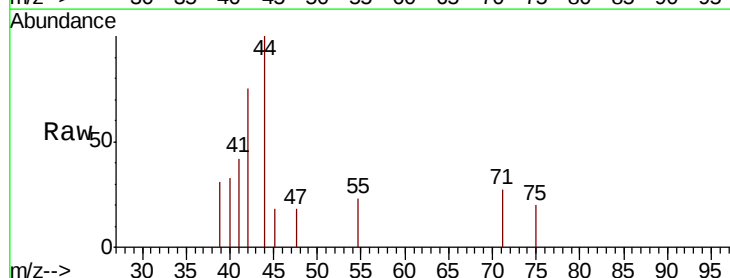
Tgt Ion: 42 Resp: 541

Ion Ratio Lower Upper

42 100

72 4.3 32.0 48.0#

71 5.4 29.8 44.8#



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

5.17

300

250

200

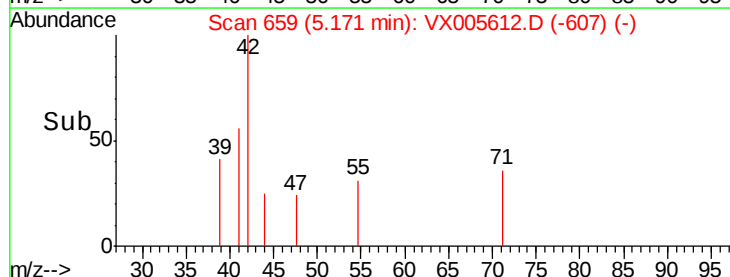
150

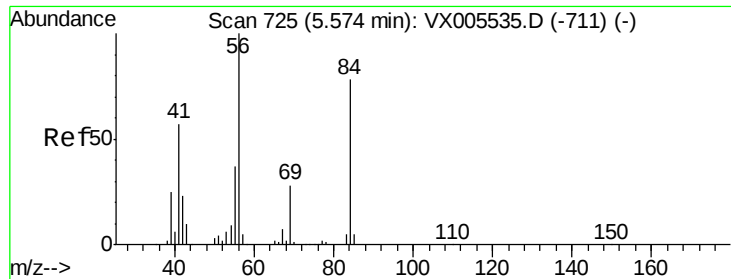
100

50

0

Time-->

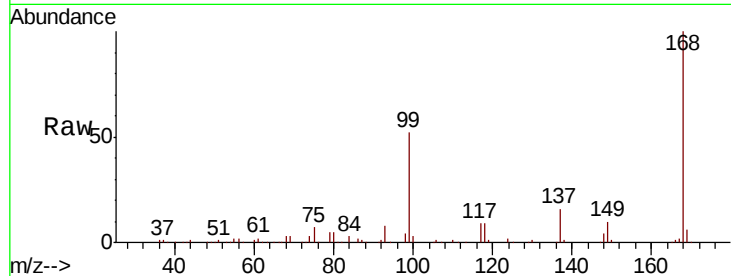




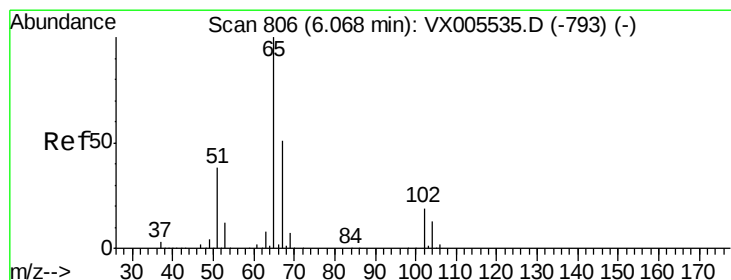
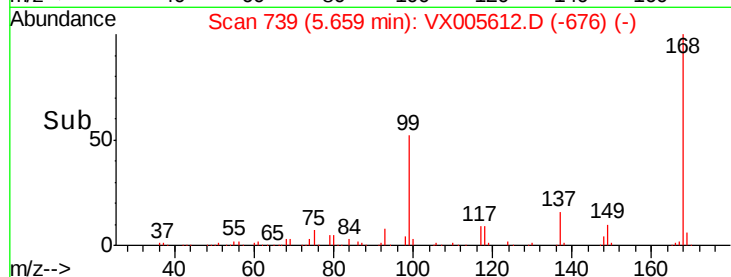
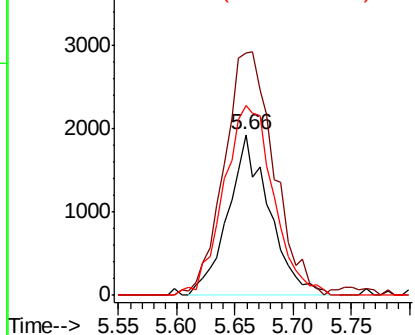
#31
Cyclohexane
Concen: 1.152 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX005612.D
Acq: 26 Oct 2018 18:29

Instrument :
MSVOA_X
ClientSampleId :
EB-2018.10.25-SW

Tot Ion: 56 Resp: 4761
Ion Ratio Lower Upper
56 100
69 147.9 22.6 34.0#
84 118.2 62.7 94.1#

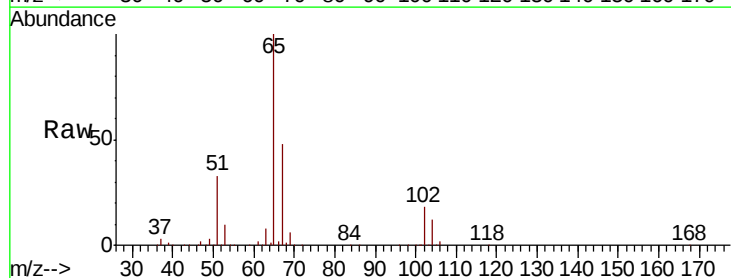


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

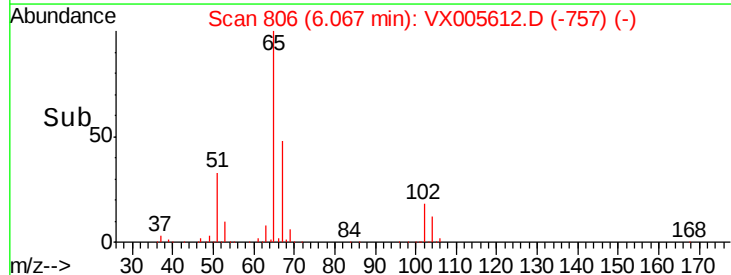
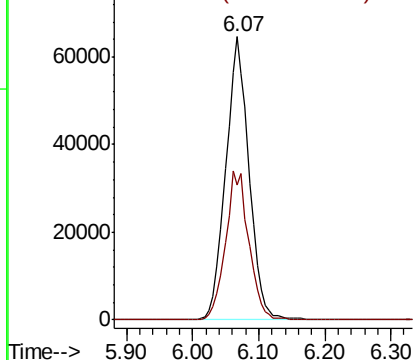


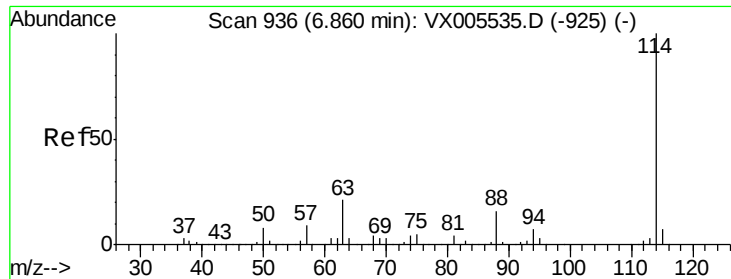
#33
1,2-Dichloroethane-d4
Concen: 51.189 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX005612.D
Acq: 26 Oct 2018 18:29

Tgt Ion: 65 Resp: 156854
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

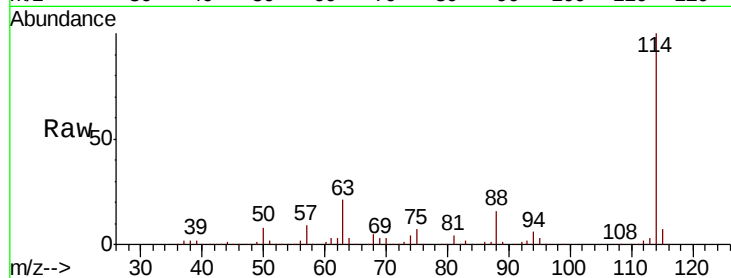




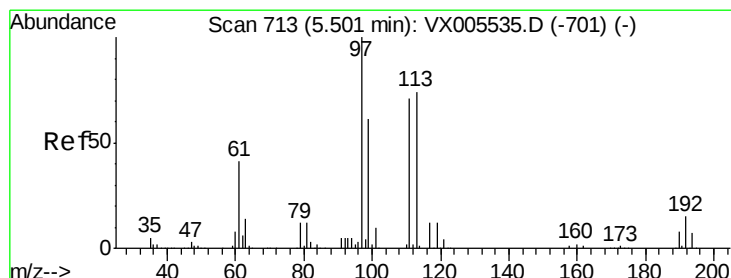
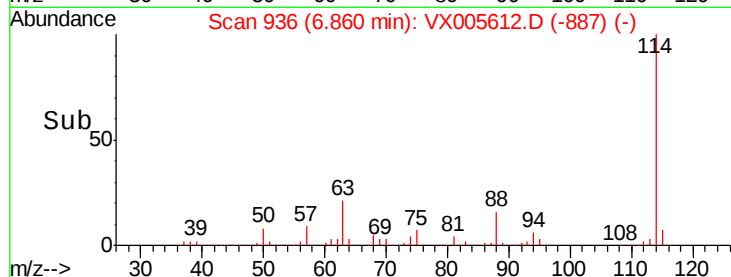
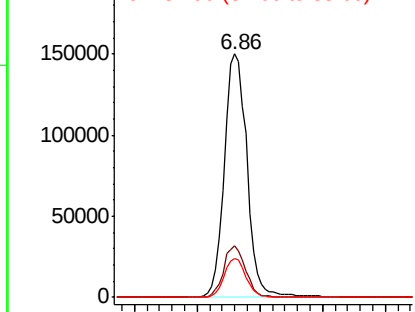
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX005612.D
Acq: 26 Oct 2018 18:29

Instrument :
MSVOA_X
ClientSampleId :
EB-2018.10.25-SW

Tot Ion:114 Resp: 377643
Ion Ratio Lower Upper
114 100
63 21.4 0.0 42.8
88 15.8 0.0 31.2

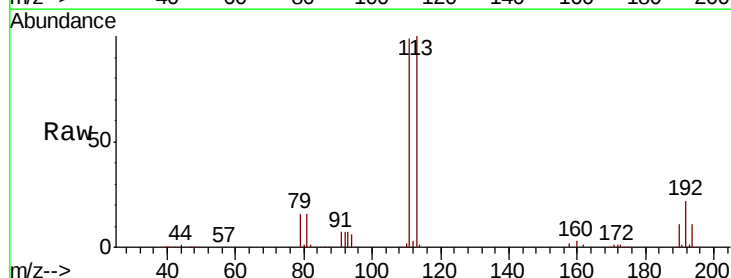


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

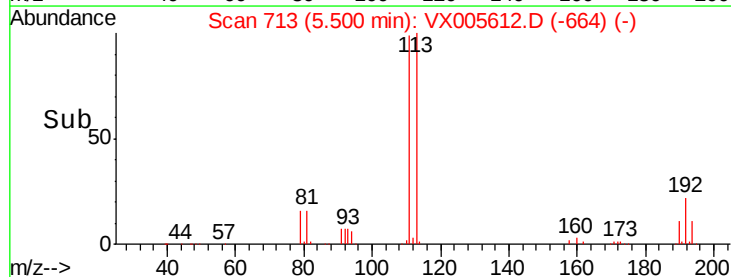
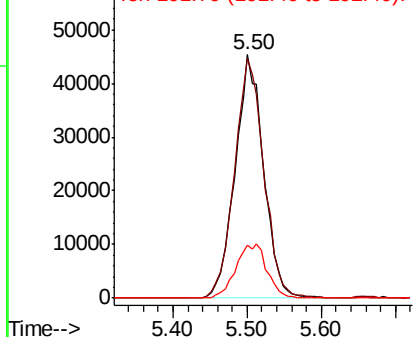


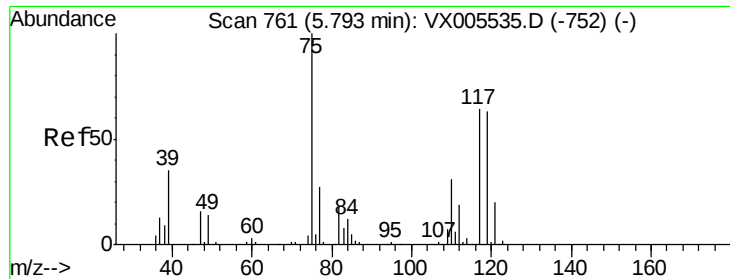
#35
Dibromofluoromethane
Concen: 47.560 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX005612.D
Acq: 26 Oct 2018 18:29

Tgt Ion:113 Resp: 121614
Ion Ratio Lower Upper
113 100
111 101.1 82.3 123.5
192 24.1 17.9 26.9



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

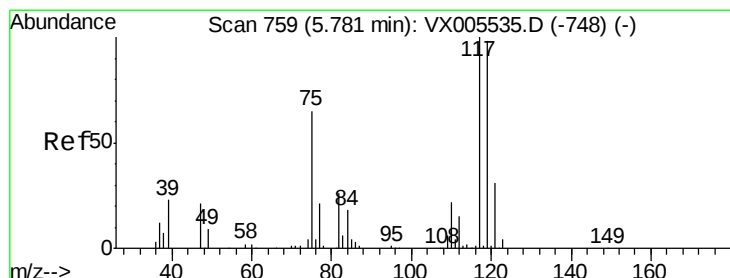
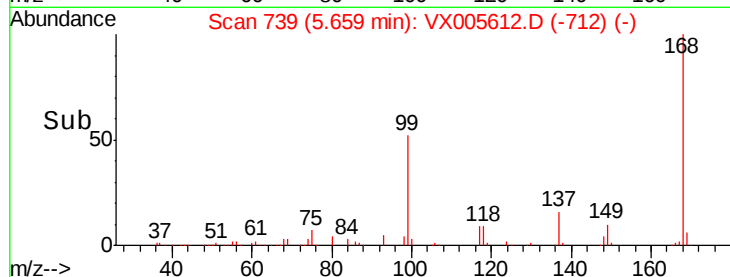
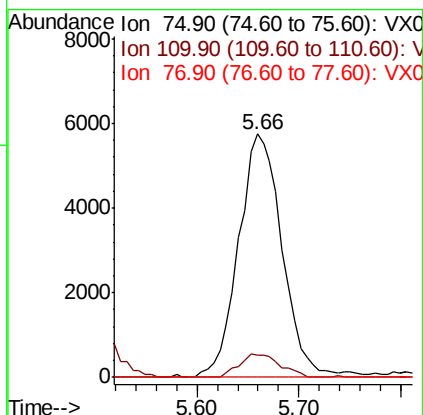
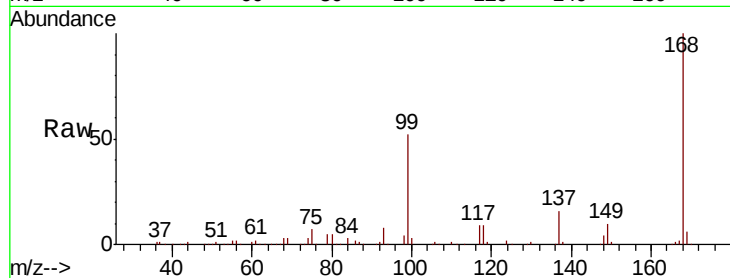




#36
 1,1-Dichloropropene
 Concen: 4.634 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.13 min
 Lab File: VX005612.D
 Acq: 26 Oct 2018 18:29

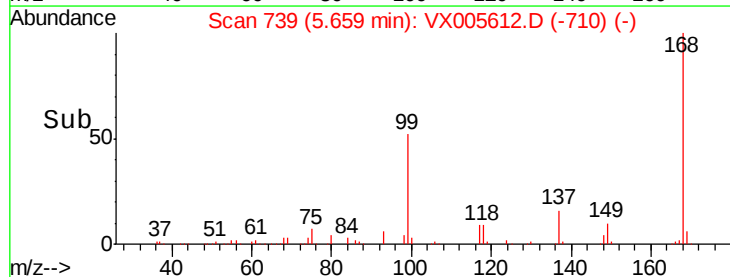
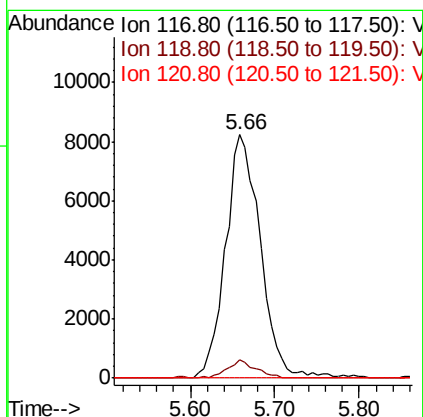
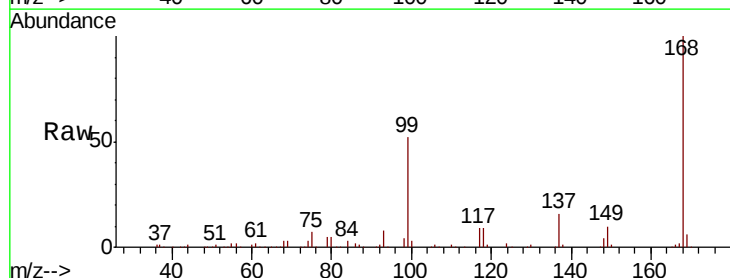
Instrument :
 MSVOA_X
 ClientSampleId :
 EB-2018.10.25-SW

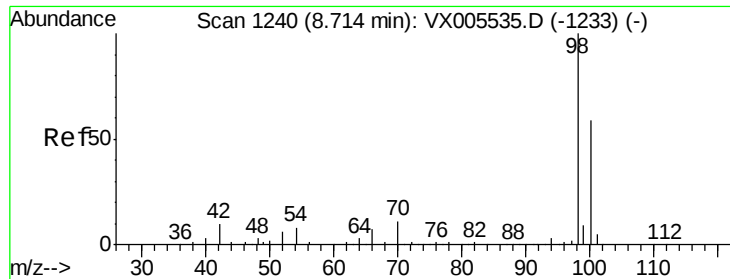
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.0	17.4	52.2#
77	0.0	25.8	38.6#



#38
 Carbon Tetrachloride
 Concen: 5.991 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.12 min
 Lab File: VX005612.D
 Acq: 26 Oct 2018 18:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	7.6	78.1	117.1#
121	0.0	24.6	36.8#





#50

Toluene-d8

Concen: 47.708 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005612.D

Acq: 26 Oct 2018 18:29

Instrument :

MSVOA_X

ClientSampleId :

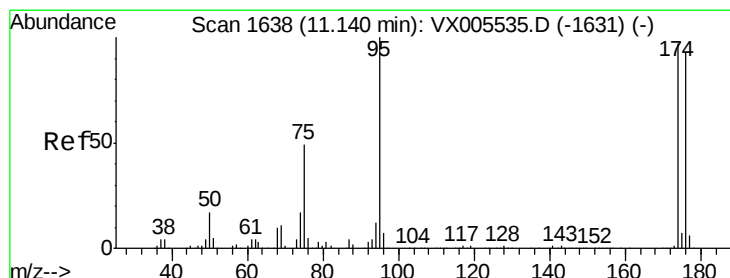
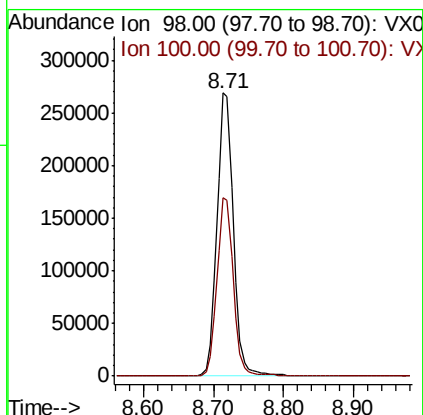
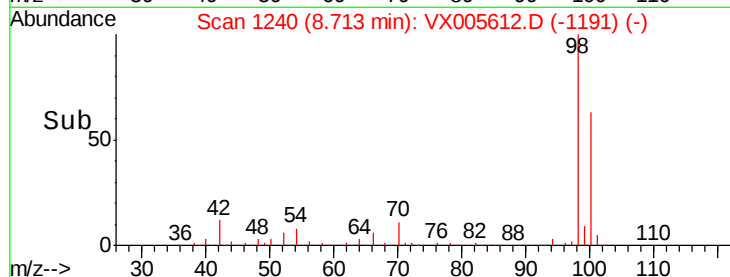
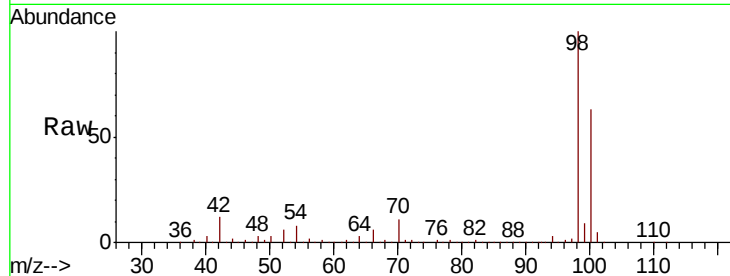
EB-2018.10.25-SW

Tot Ion: 98 Resp: 438344

Ion Ratio Lower Upper

98 100

100 62.9 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 41.776 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005612.D

Acq: 26 Oct 2018 18:29

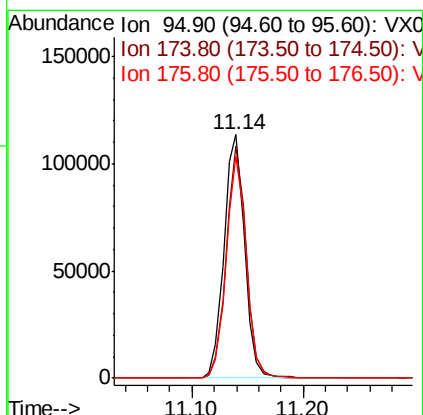
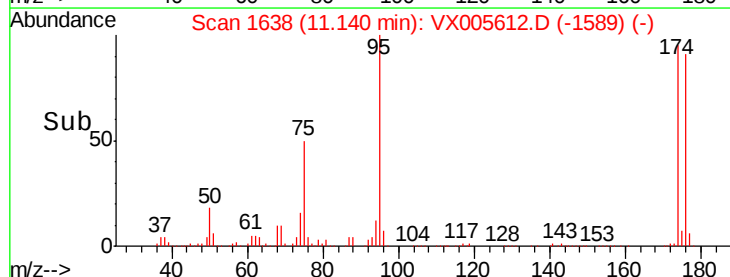
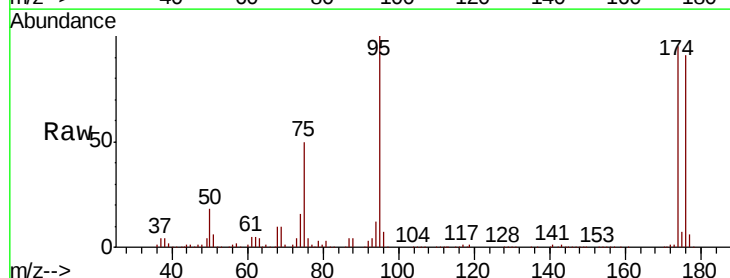
Tgt Ion: 95 Resp: 144958

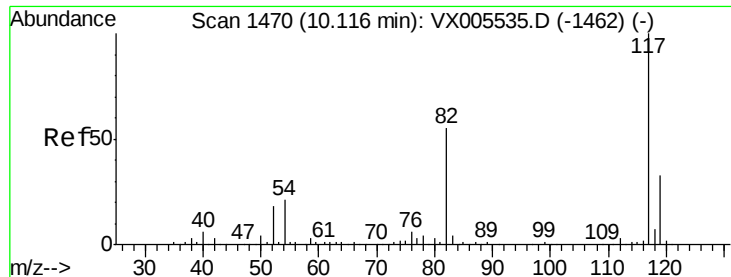
Ion Ratio Lower Upper

95 100

174 92.6 0.0 184.4

176 88.9 0.0 177.4

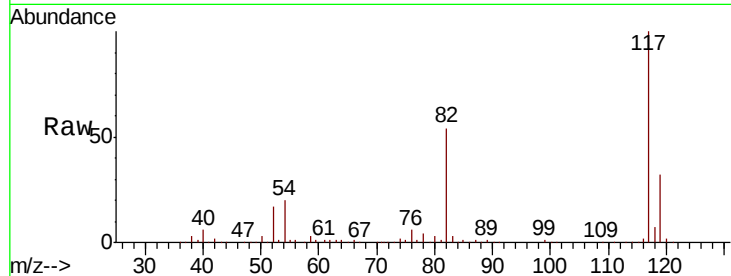




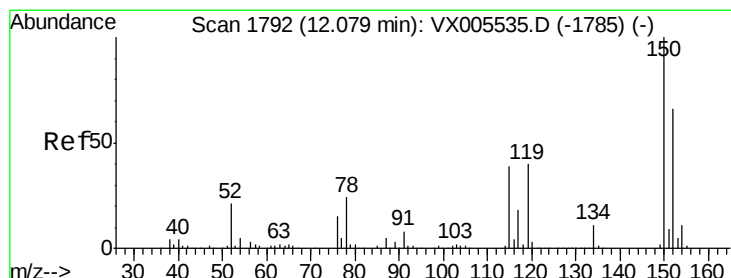
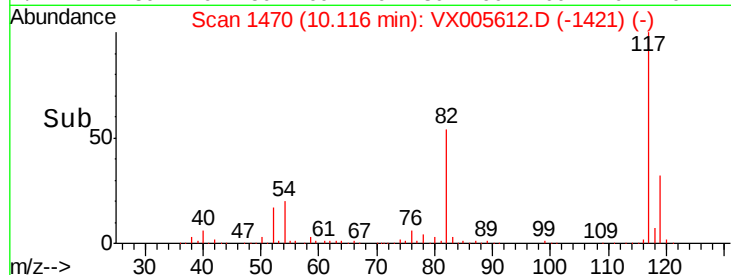
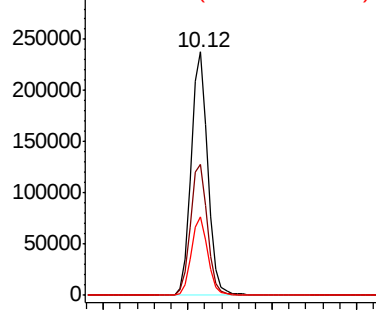
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005612.D
Acq: 26 Oct 2018 18:29

Instrument :
MSVOA_X
ClientSampleId :
EB-2018.10.25-SW

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.0	44.1	66.1
119	32.1	26.2	39.2

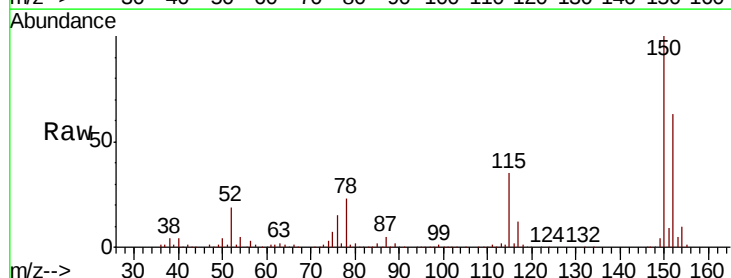


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

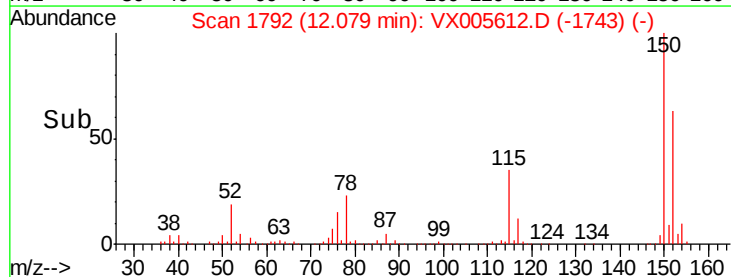
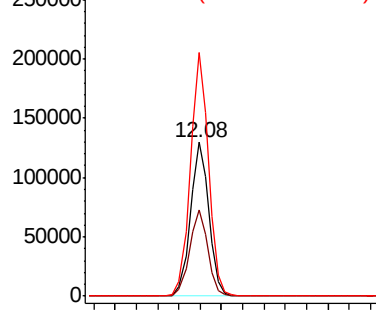


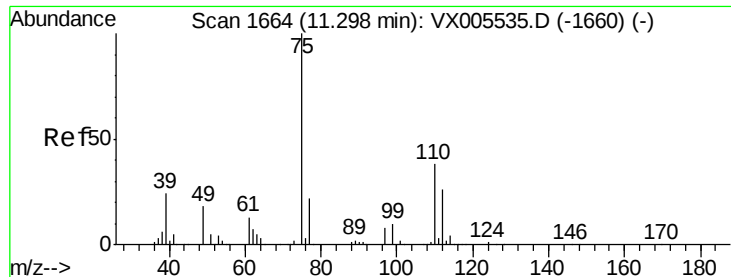
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005612.D
Acq: 26 Oct 2018 18:29

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.5	39.4	118.1
150	156.3	0.0	346.4



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: 22.031 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX005612.D

Acq: 26 Oct 2018 18:29

Instrument :

MSVOA_X

ClientSampleId :

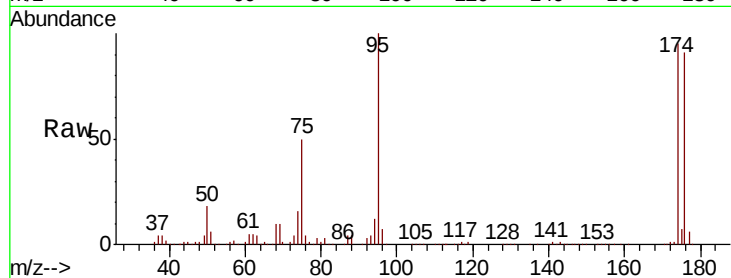
EB-2018.10.25-SW

Tot Ion: 75 Resp: 72515

Ion Ratio Lower Upper

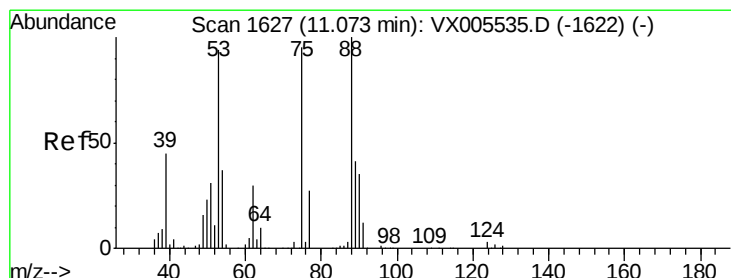
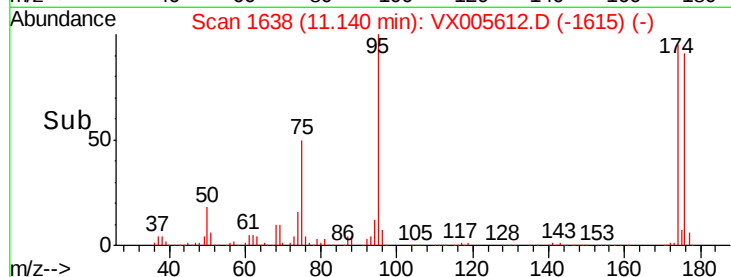
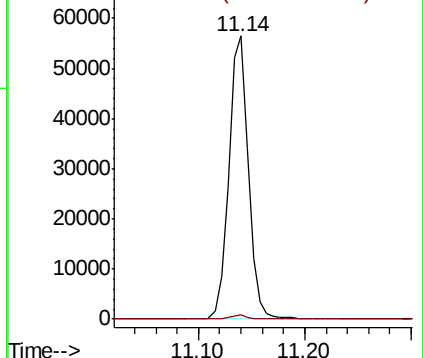
75 100

77 1.4 20.5 61.6#



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: 71.985 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.07 min

Lab File: VX005612.D

Acq: 26 Oct 2018 18:29

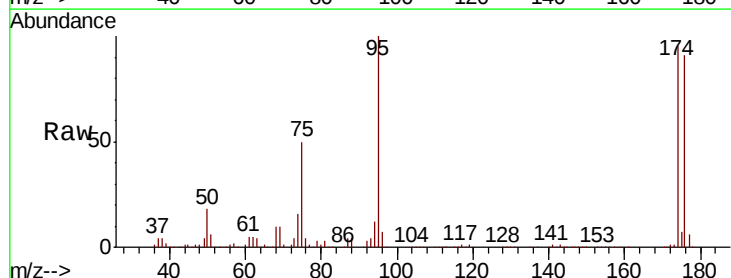
Tgt Ion: 75 Resp: 72515

Ion Ratio Lower Upper

75 100

53 0.3 80.2 120.2#

89 0.0 39.8 59.8#



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

