

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121418\
 Data File : VX006545.D
 Acq On : 15 Dec 2018 05:40
 Operator : JC/MD
 Sample : J6398-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PR-MW-03_121218

Quant Time: Dec 15 22:55:08 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	639733	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1041158	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	947734	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	448898	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	358229	54.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.70%	
35) Dibromofluoromethane	5.51	113	303266	44.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.98%	
50) Toluene-d8	8.71	98	1220497	49.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.56%	
62) 4-Bromofluorobenzene	11.13	95	449710	48.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.34%	

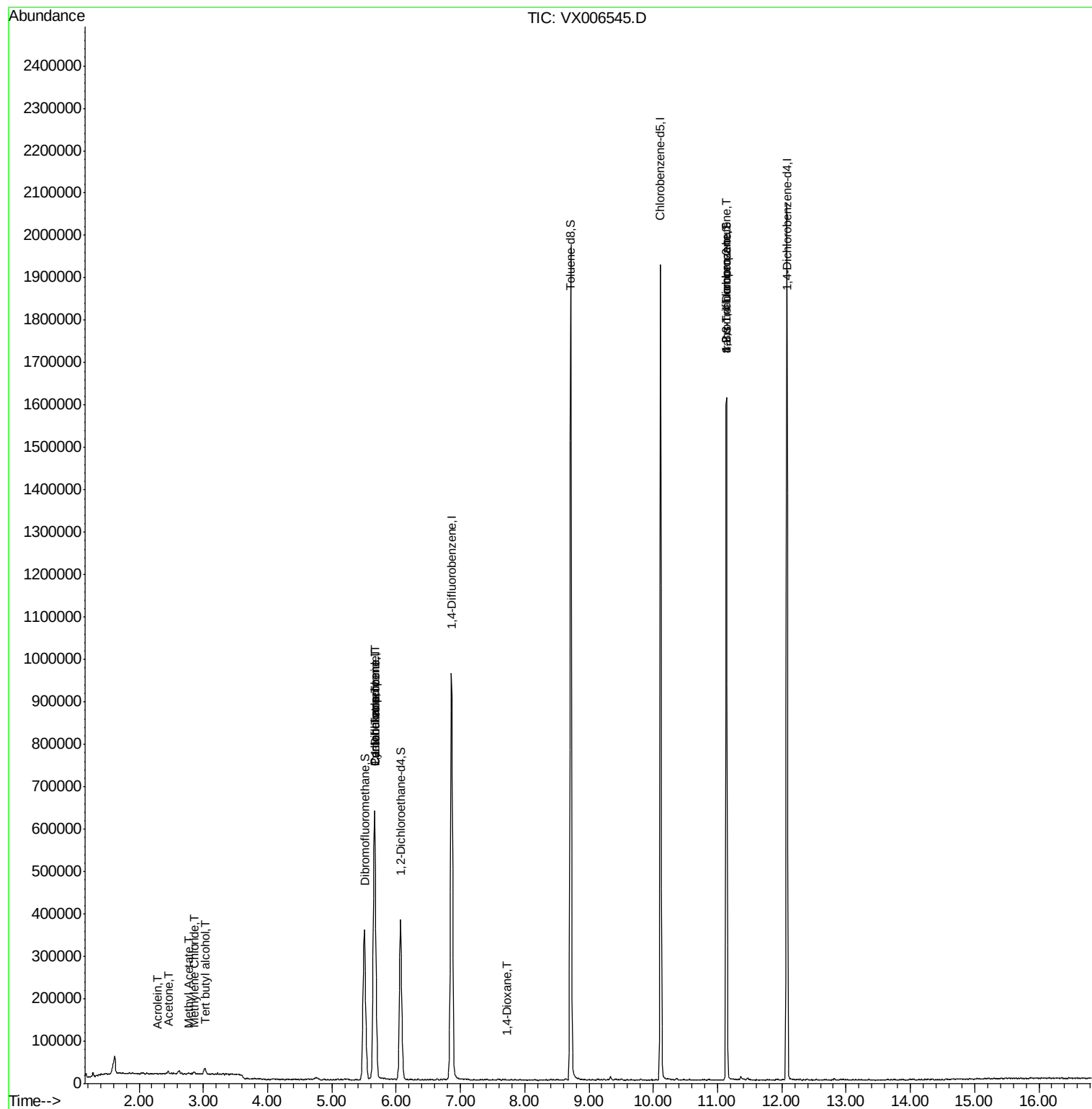
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.03	59	7625	4.269	ug/l #	84
13) Acrolein	2.29	56	279	0.286	ug/l #	75
16) Acetone	2.45	43	5426	1.770	ug/l	95
18) Methyl Acetate	2.77	43	2312	0.226	ug/l #	40
20) Methylene Chloride	2.86	84	2530	0.388	ug/l #	79
31) Cyclohexane	5.66	56	11014	1.167	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	43266	4.935	ug/l #	48
38) Carbon Tetrachloride	5.67	117	61571	5.969	ug/l #	16
49) 1,4-Dioxane	7.73	88	113	0.576	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	207233	23.918	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.13	75	207233	56.128	ug/l #	15

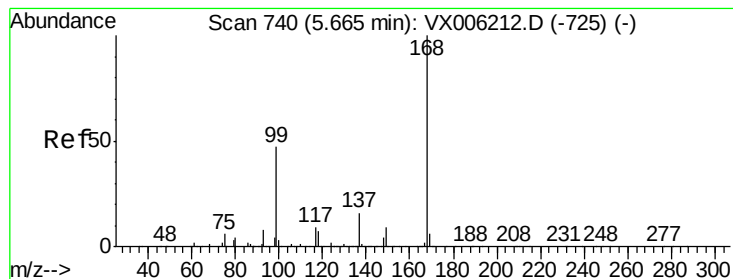
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX121418\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006545.D

Acq: 15 Dec 2018 05:40

Instrument :

MSVOA_X

ClientSampleId :

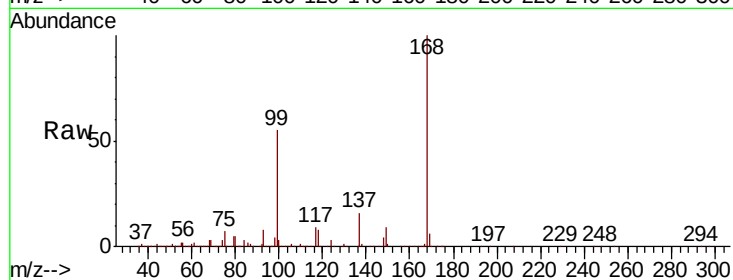
PR-MW-03 121218

Tgt Ion:168 Resp: 639733

Ion Ratio Lower Upper

168 100

99 54.9 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): VX006212.D (-725) (-)

Ion 98.90 (98.60 to 99.60): VX006212.D (-725) (-)

5.67

250000

200000

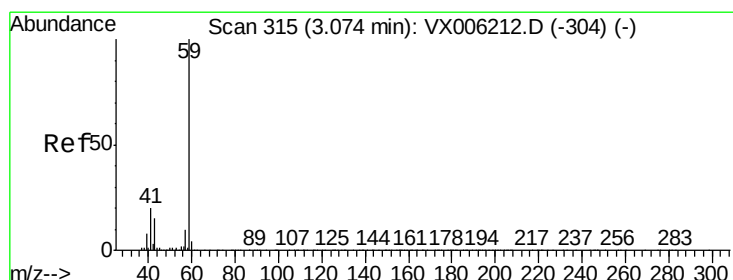
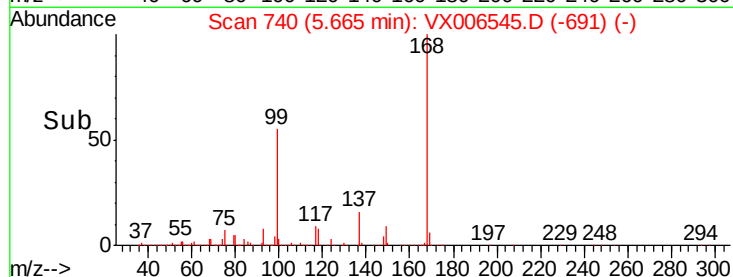
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 4.269 ug/l

RT: 3.03 min Scan# 308

Delta R.T. -0.04 min

Lab File: VX006545.D

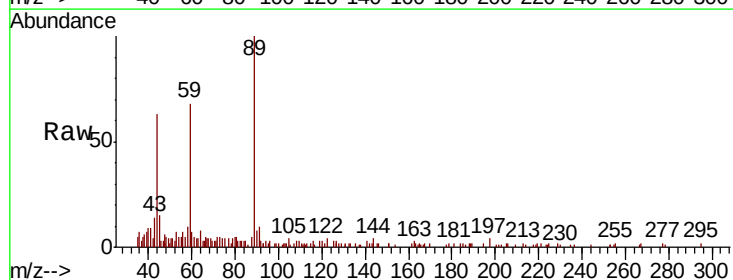
Acq: 15 Dec 2018 05:40

Tgt Ion: 59 Resp: 7625

Ion Ratio Lower Upper

59 100

57 4.2 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX006212.D (-304) (-)

Ion 57.00 (56.70 to 57.70): VX006212.D (-304) (-)

3.03

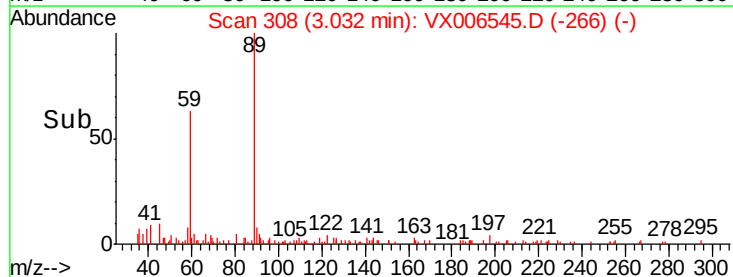
3000

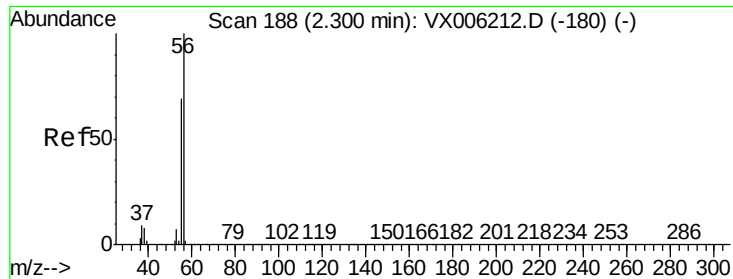
2000

1000

0

Time--> 2.95 3.00 3.05 3.10

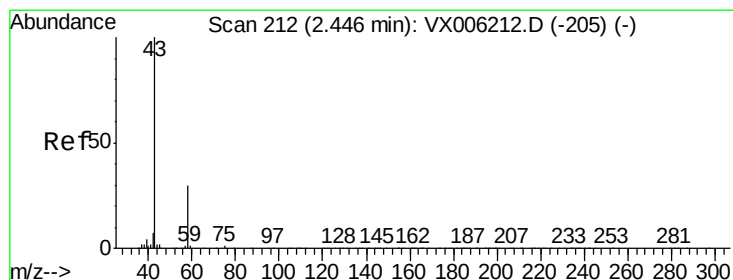
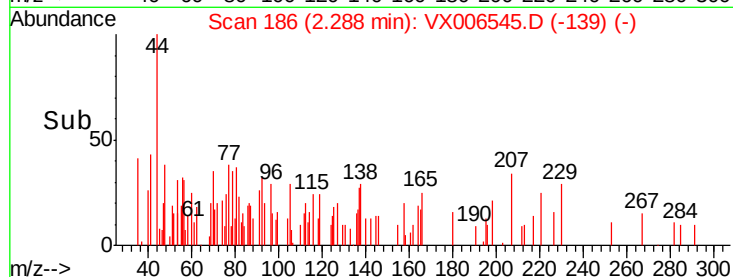
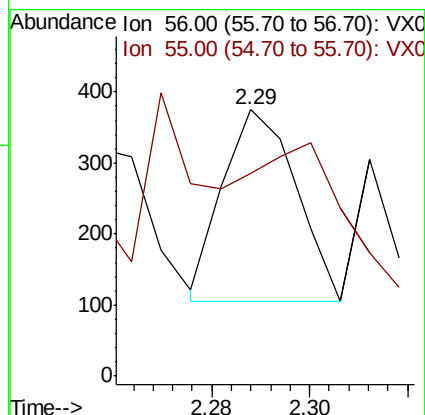
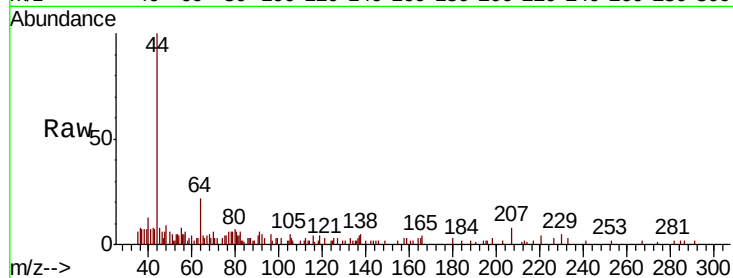




#13
Acrolein
Concen: 0.286 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX006545.D
Acq: 15 Dec 2018 05:40

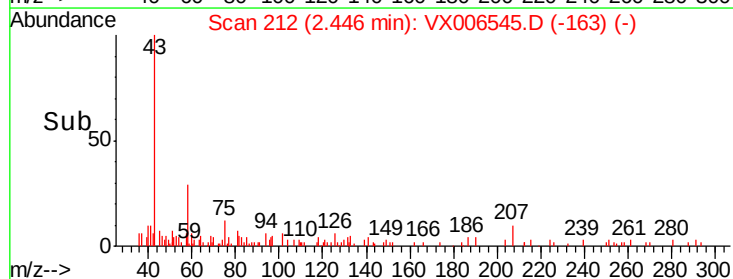
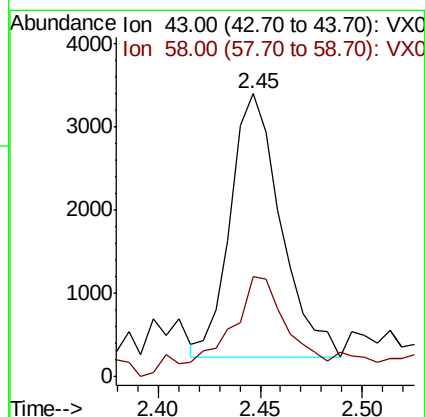
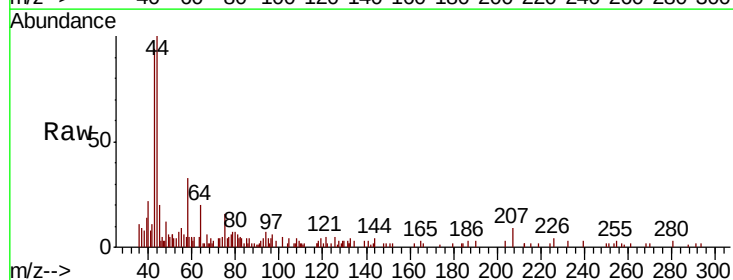
Instrument :
MSVOA_X
ClientSampleId :
PR-MW-03_121218

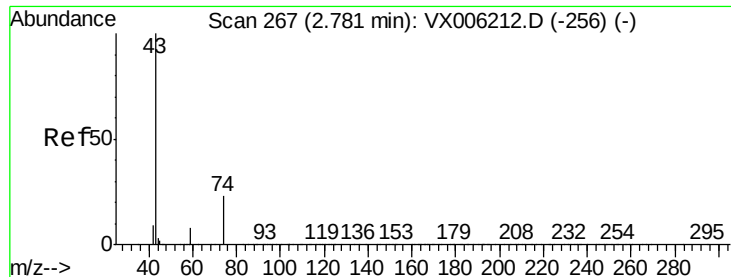
Tgt Ion: 56 Resp: 279
Ion Ratio Lower Upper
56 100
55 92.8 57.8 86.6#



#16
Acetone
Concen: 1.770 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006545.D
Acq: 15 Dec 2018 05:40

Tgt Ion: 43 Resp: 5426
Ion Ratio Lower Upper
43 100
58 32.5 24.0 36.0

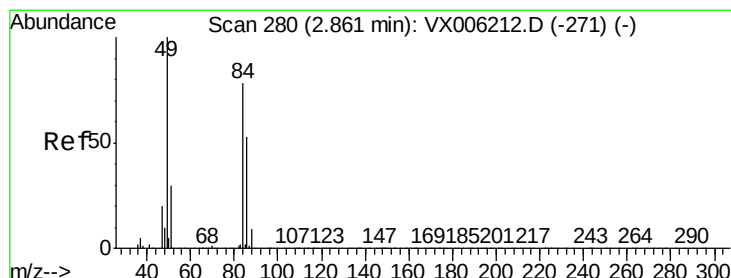
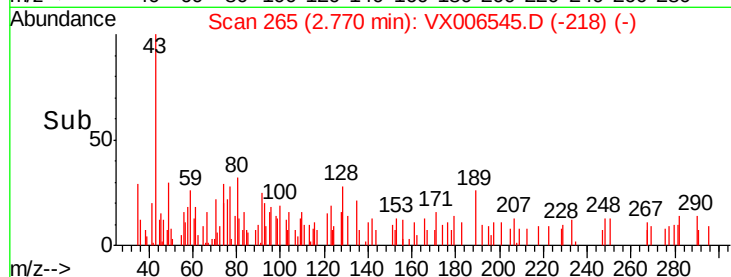
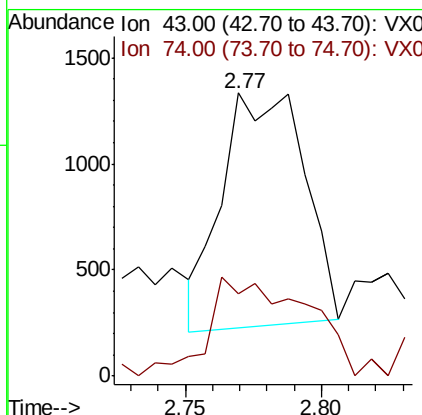
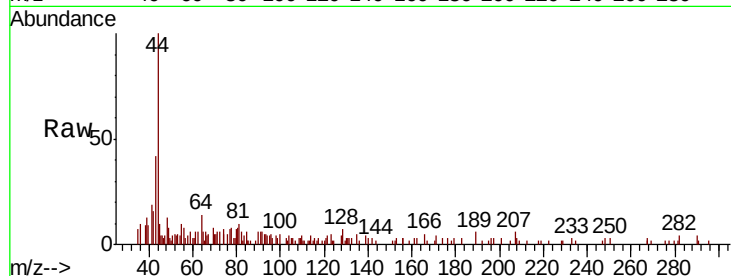




#18
Methyl Acetate
Concen: 0.226 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX006545.D
Acq: 15 Dec 2018 05:40

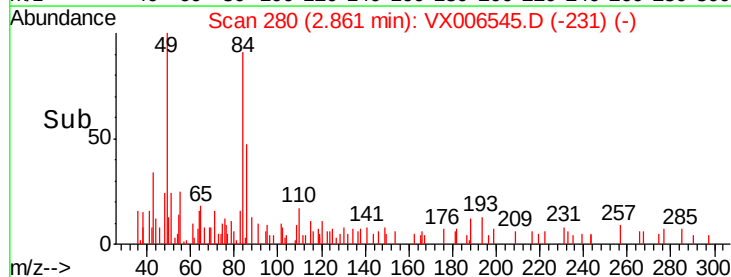
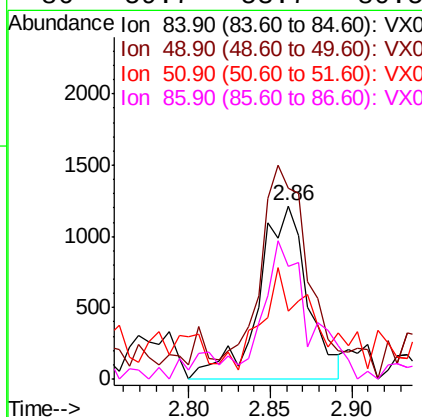
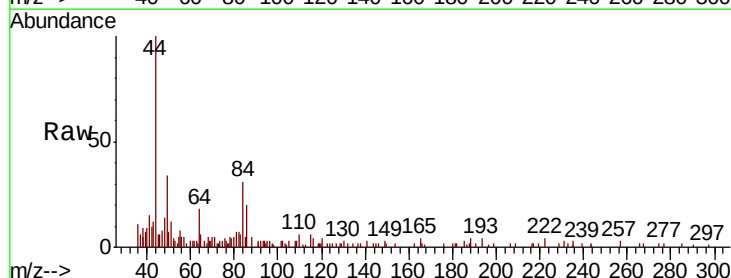
Instrument :
MSVOA_X
ClientSampleId :
PR-MW-03_121218

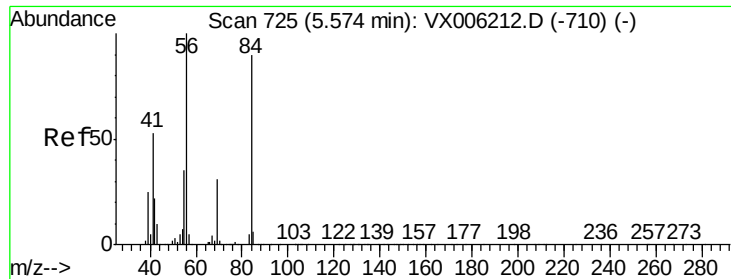
Tgt Ion: 43 Resp: 2312
Ion Ratio Lower Upper
43 100
74 51.3 17.9 26.9#



#20
Methylene Chloride
Concen: 0.388 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006545.D
Acq: 15 Dec 2018 05:40

Tgt Ion: 84 Resp: 2530
Ion Ratio Lower Upper
84 100
49 102.5 102.2 153.4
51 14.3 31.1 46.7#
86 59.7 53.7 80.5

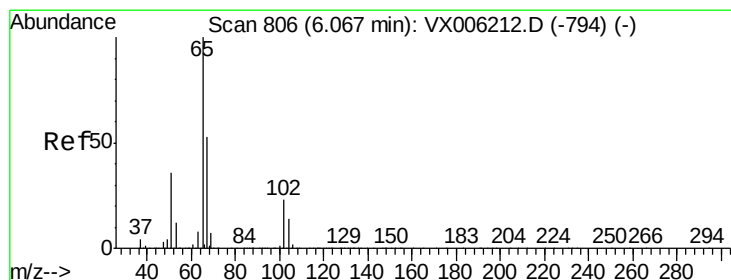
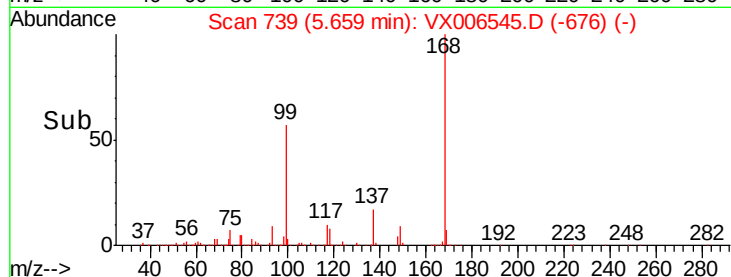
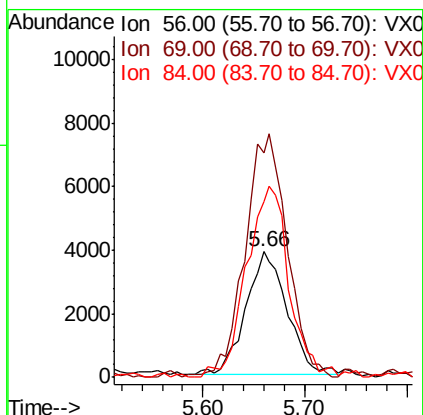
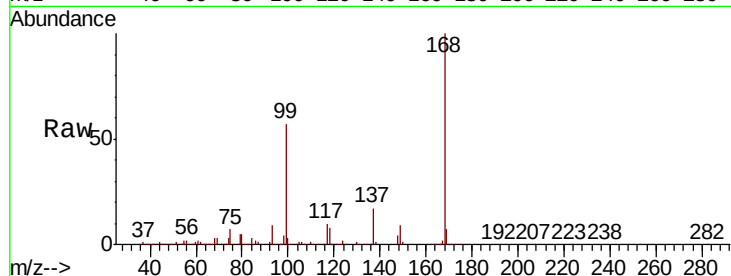




#31
Cyclohexane
Concen: 1.167 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX006545.D
Acq: 15 Dec 2018 05:40

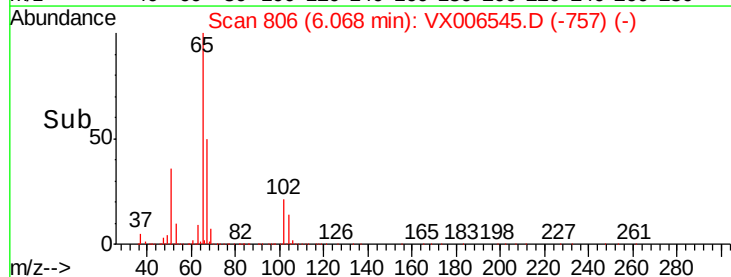
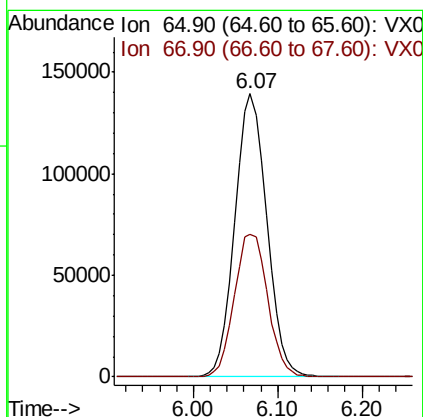
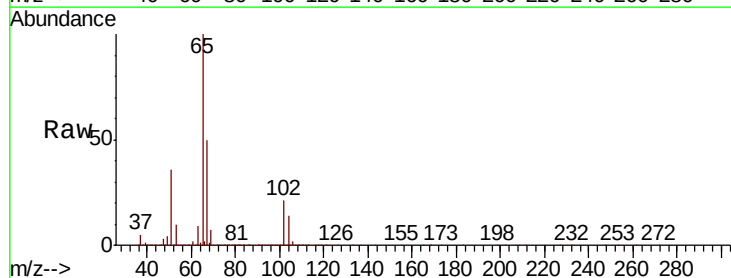
Instrument :
MSVOA_X
ClientSampleId :
PR-MW-03_121218

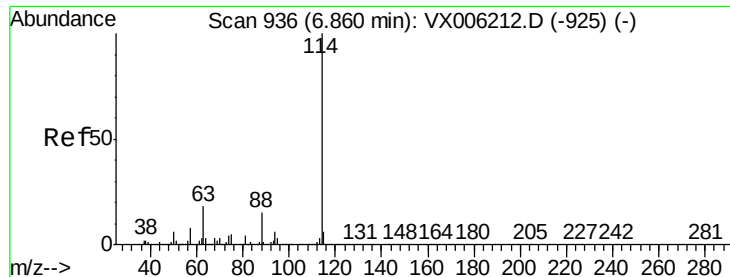
Tgt Ion: 56 Resp: 11014
Ion Ratio Lower Upper
56 100
69 181.9 24.5 36.7#
84 143.1 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 54.853 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006545.D
Acq: 15 Dec 2018 05:40

Tgt Ion: 65 Resp: 358229
Ion Ratio Lower Upper
65 100
67 52.6 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: VX006545.D

Acq: 15 Dec 2018 05:40

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-03_121218

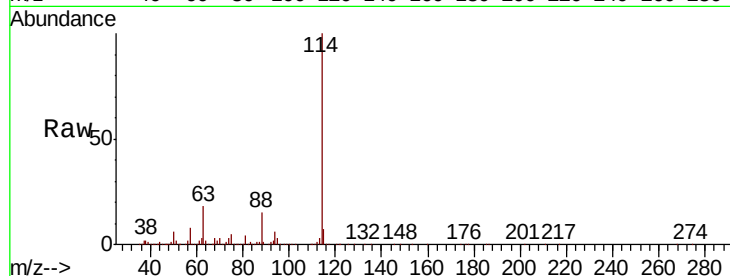
Tgt Ion:114 Resp: 1041158

Ion Ratio Lower Upper

114 100

63 17.9 0.0 36.6

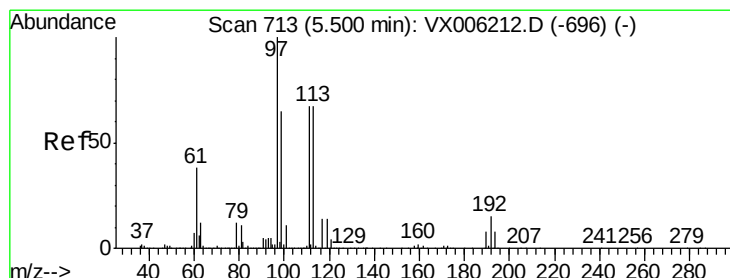
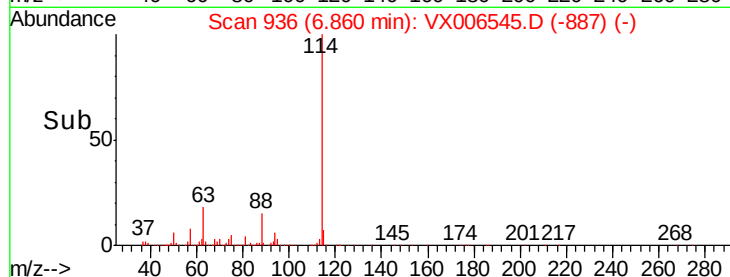
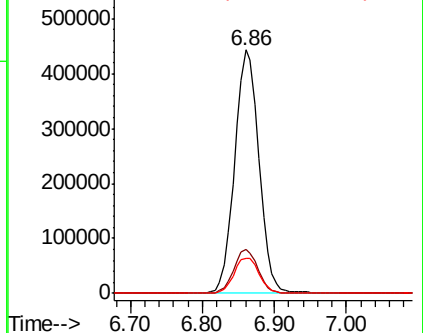
88 14.6 0.0 29.0



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: 44.988 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006545.D

Acq: 15 Dec 2018 05:40

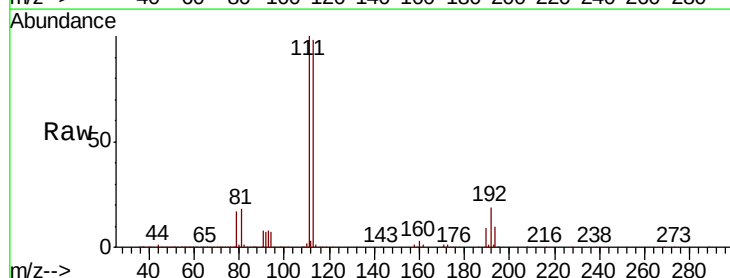
Tgt Ion:113 Resp: 303266

Ion Ratio Lower Upper

113 100

111 103.5 81.1 121.7

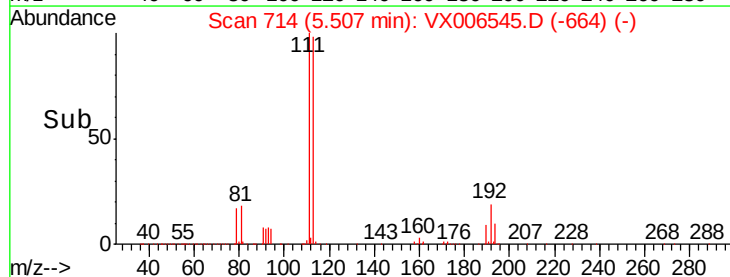
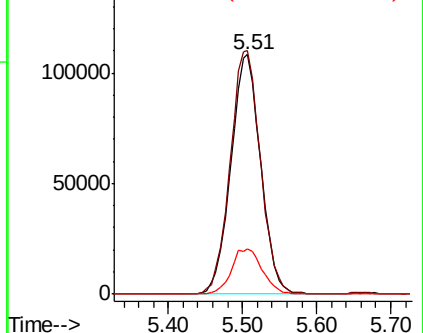
192 19.8 18.2 27.2

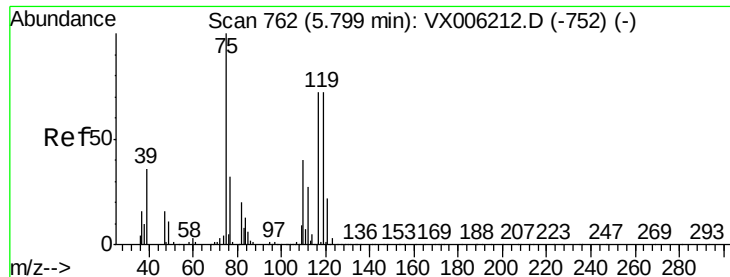


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

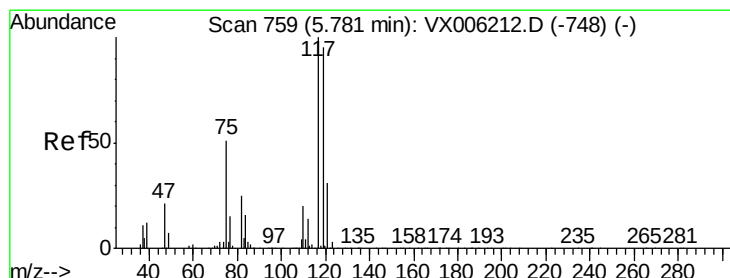
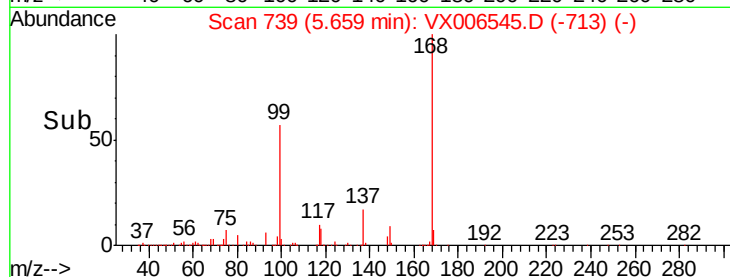
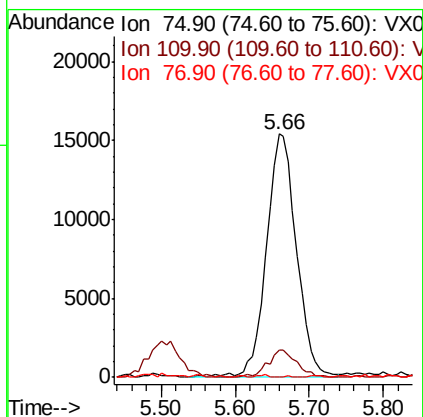
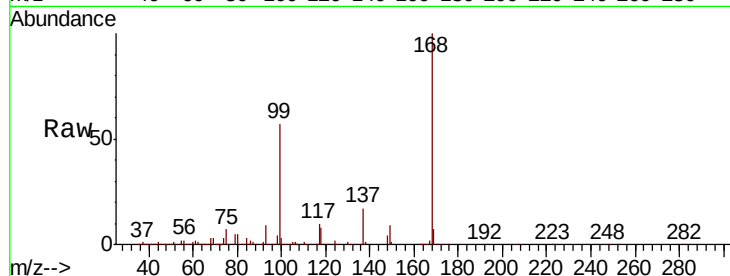




#36
 1,1-Dichloropropene
 Concen: 4.935 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX006545.D
 Acq: 15 Dec 2018 05:40

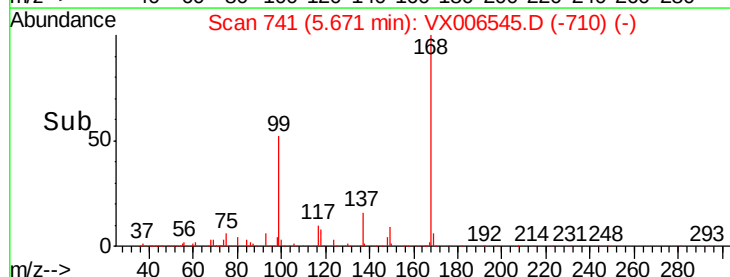
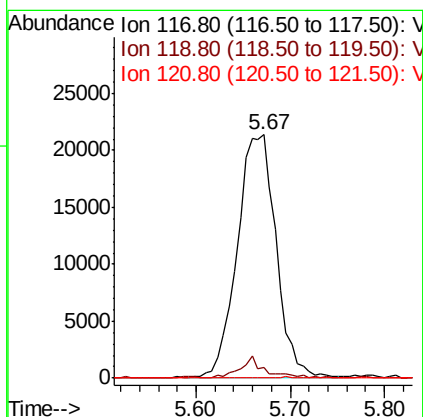
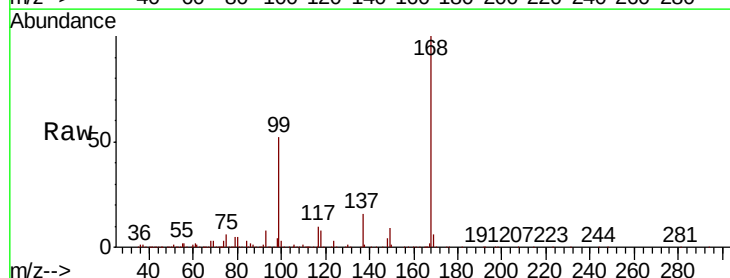
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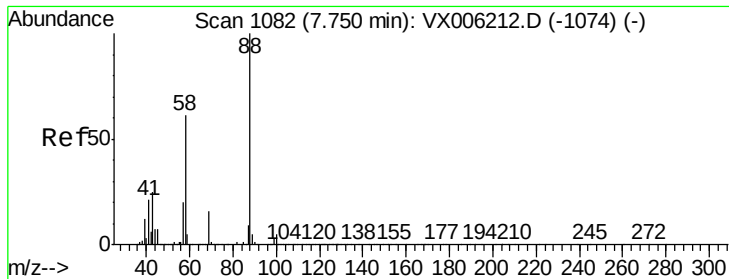
Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.9	20.4	61.3#
77	0.1	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 5.969 ug/l
 RT: 5.67 min Scan# 741
 Delta R.T. -0.11 min
 Lab File: VX006545.D
 Acq: 15 Dec 2018 05:40

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: 0.576 ug/l

RT: 7.73 min Scan# 1078

Delta R.T. -0.02 min

Lab File: VX006545.D

Acq: 15 Dec 2018 05:40

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-03_121218

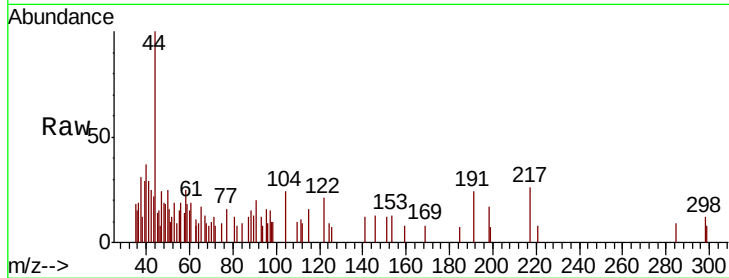
Tgt Ion: 88 Resp: 113

Ion Ratio Lower Upper

88 100

43 0.0 23.2 34.8#

58 276.1 51.4 77.0#

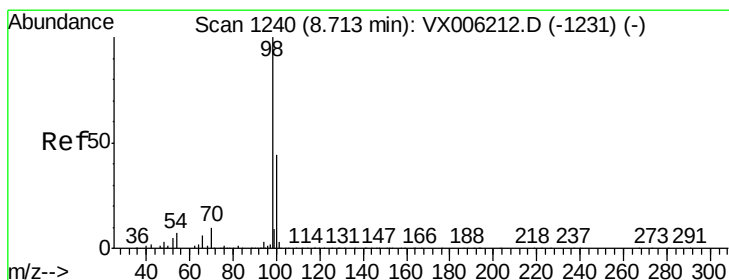
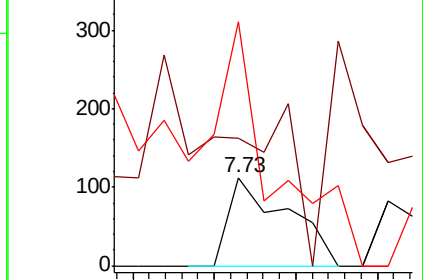
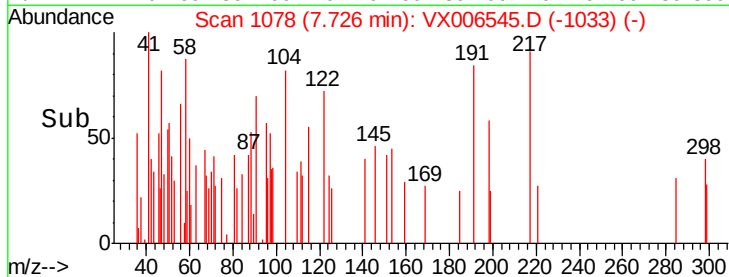


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

7.73



#50

Toluene-d8

Concen: 49.775 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006545.D

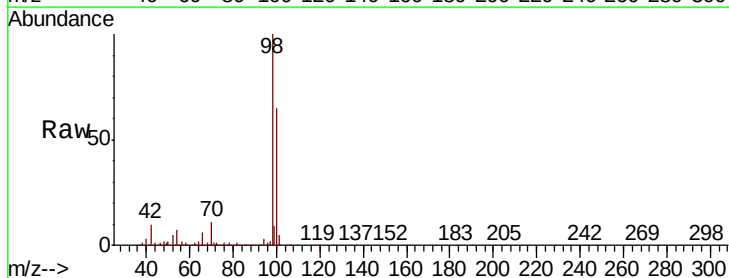
Acq: 15 Dec 2018 05:40

Tgt Ion: 98 Resp: 1220497

Ion Ratio Lower Upper

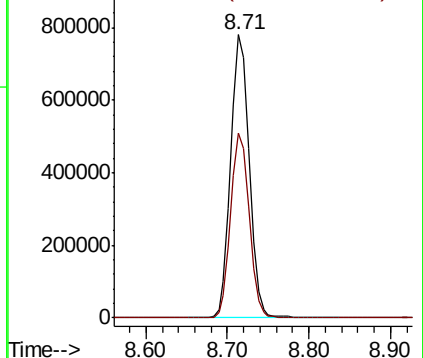
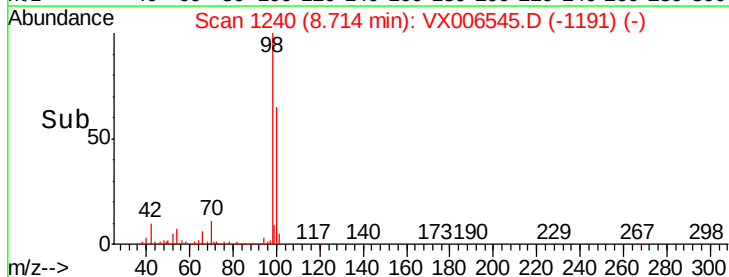
98 100

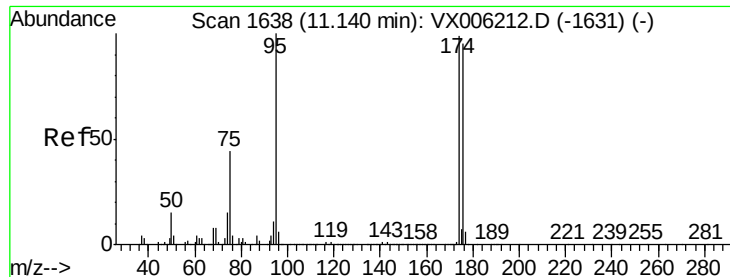
100 65.4 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

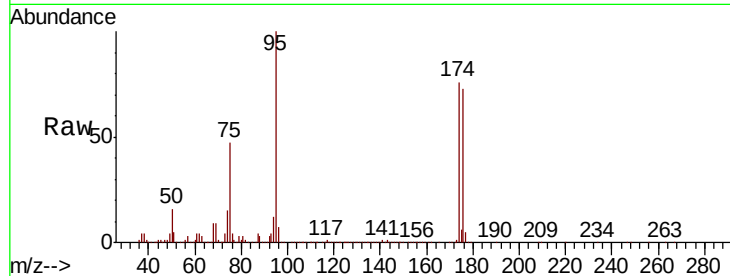




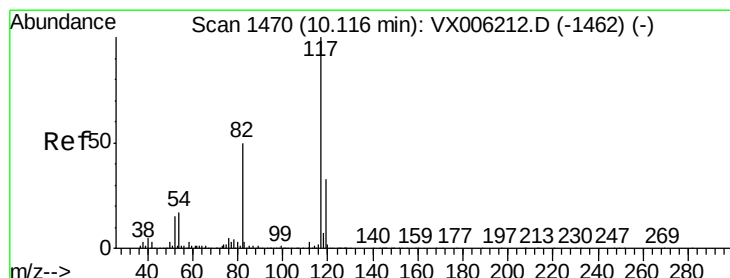
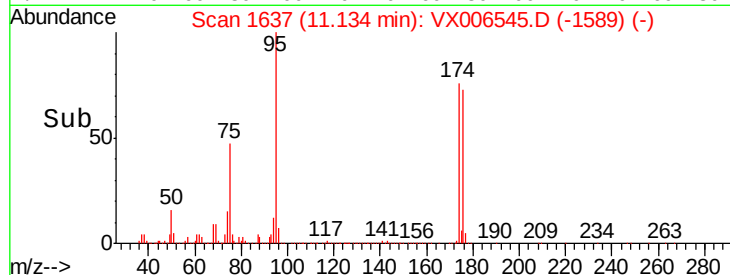
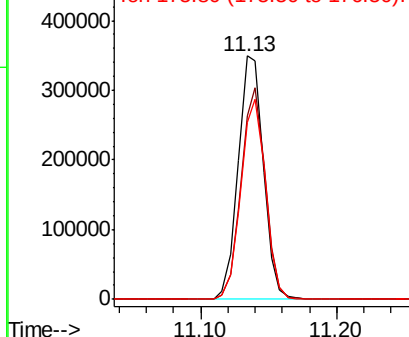
#62
4-Bromofluorobenzene
Concen: 48.670 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VX006545.D
Acq: 15 Dec 2018 05:40

Instrument :
MSVOA_X
ClientSampleId :
PR-MW-03_121218

Tgt Ion: 95 Resp: 449710
Ion Ratio Lower Upper
95 100
174 84.1 0.0 187.0
176 81.0 0.0 181.8

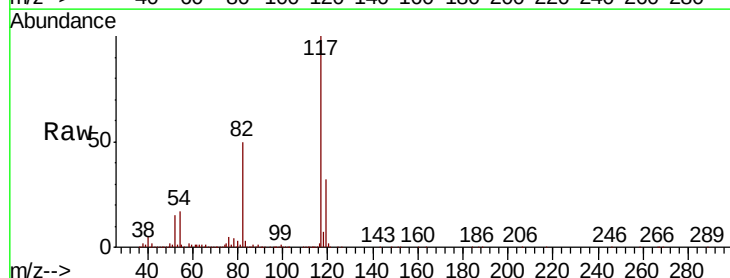


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

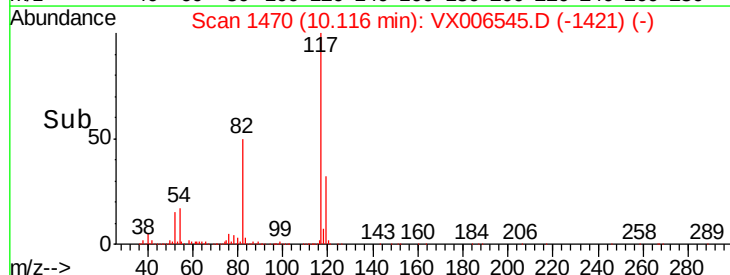
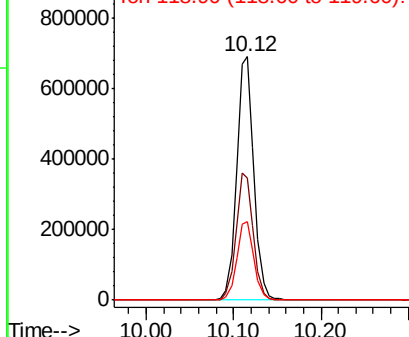


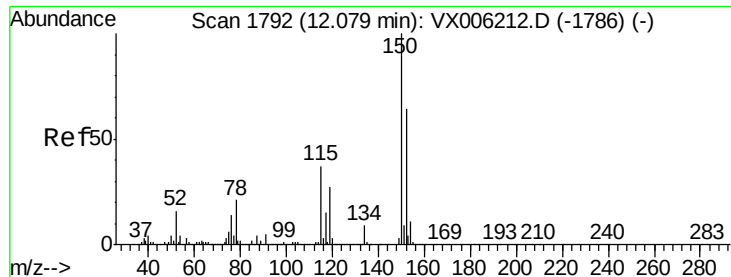
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006545.D
Acq: 15 Dec 2018 05:40

Tgt Ion: 117 Resp: 947734
Ion Ratio Lower Upper
117 100
82 50.1 39.6 59.4
119 32.5 26.3 39.5



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: VX006545.D

Acq: 15 Dec 2018 05:40

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-03_121218

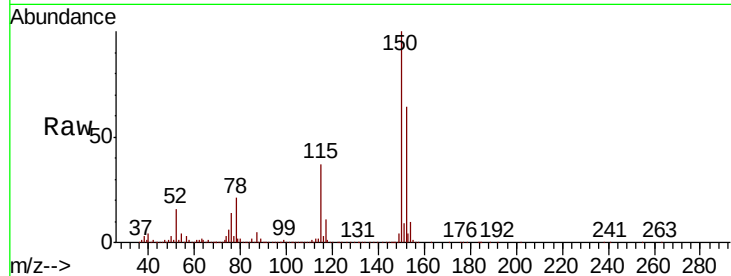
Tgt Ion:152 Resp: 448898

Ion Ratio Lower Upper

152 100

115 57.1 39.0 116.9

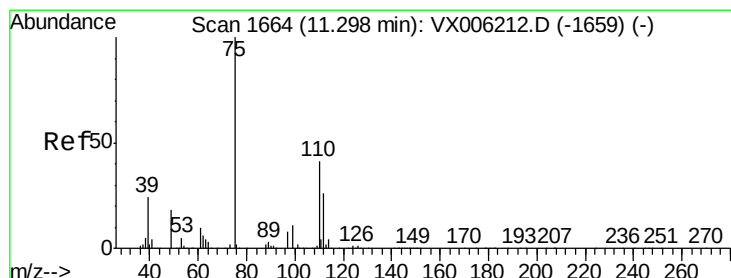
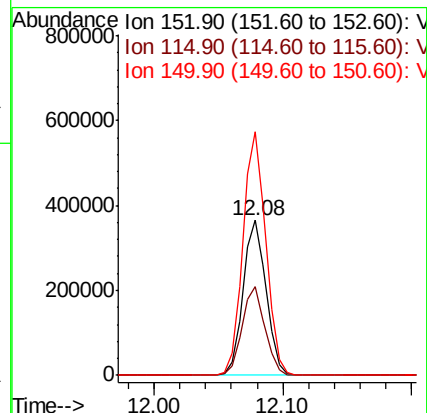
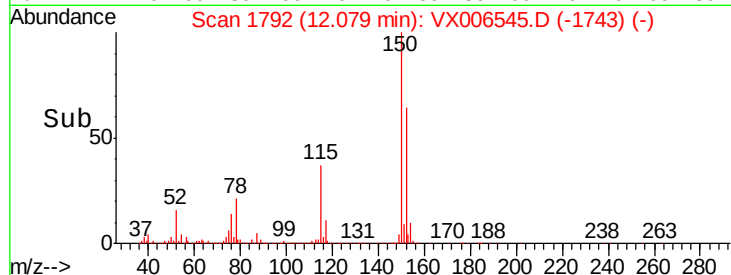
150 156.8 0.0 345.8



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: 23.918 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006545.D

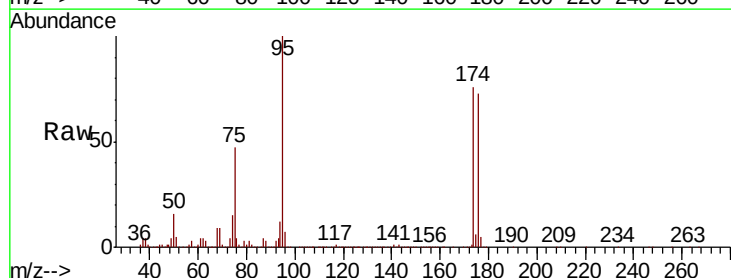
Acq: 15 Dec 2018 05:40

Tgt Ion: 75 Resp: 207233

Ion Ratio Lower Upper

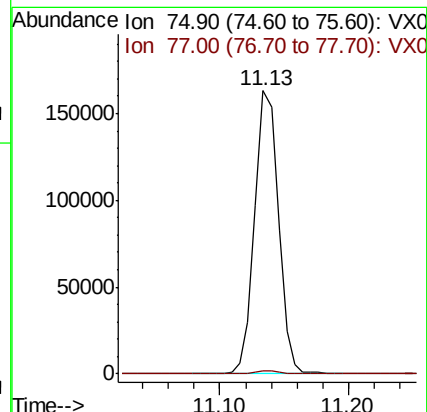
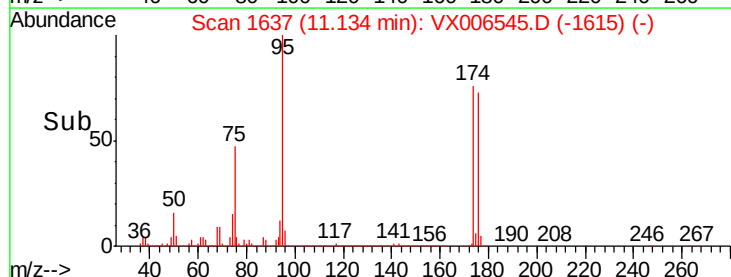
75 100

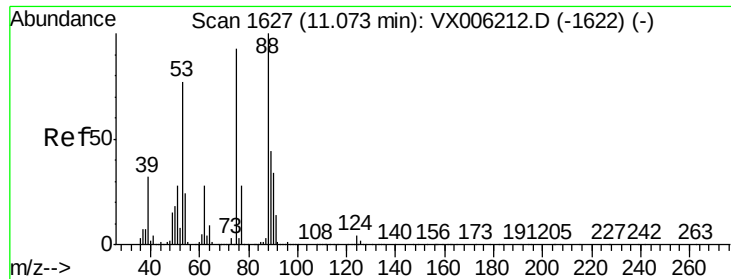
77 1.3 19.9 59.7#



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: 56.128 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX006545.D
Acq: 15 Dec 2018 05:40

Instrument :
MSVOA_X
ClientSampleId :
PR-MW-03_121218

Tgt Ion: 75 Resp: 207233
Ion Ratio Lower Upper
75 100
53 0.2 64.4 96.6#
89 0.1 44.2 66.4#

