

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121218\
 Data File : VX006482.D
 Acq On : 13 Dec 2018 08:39
 Operator : JC/MD
 Sample : J6347-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 P001-SW002-01

Quant Time: Dec 13 11:45:16 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	659855	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1043633	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	948054	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	441469	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	352919	52.39	ug/l	0.00
Spiked Amount			Recovery	=	104.78%	
35) Dibromofluoromethane	5.51	113	311686	46.13	ug/l	0.00
Spiked Amount			Recovery	=	92.26%	
50) Toluene-d8	8.71	98	1226938	49.92	ug/l	0.00
Spiked Amount			Recovery	=	99.84%	
62) 4-Bromofluorobenzene	11.13	95	447034	48.27	ug/l	0.00
Spiked Amount			Recovery	=	96.54%	

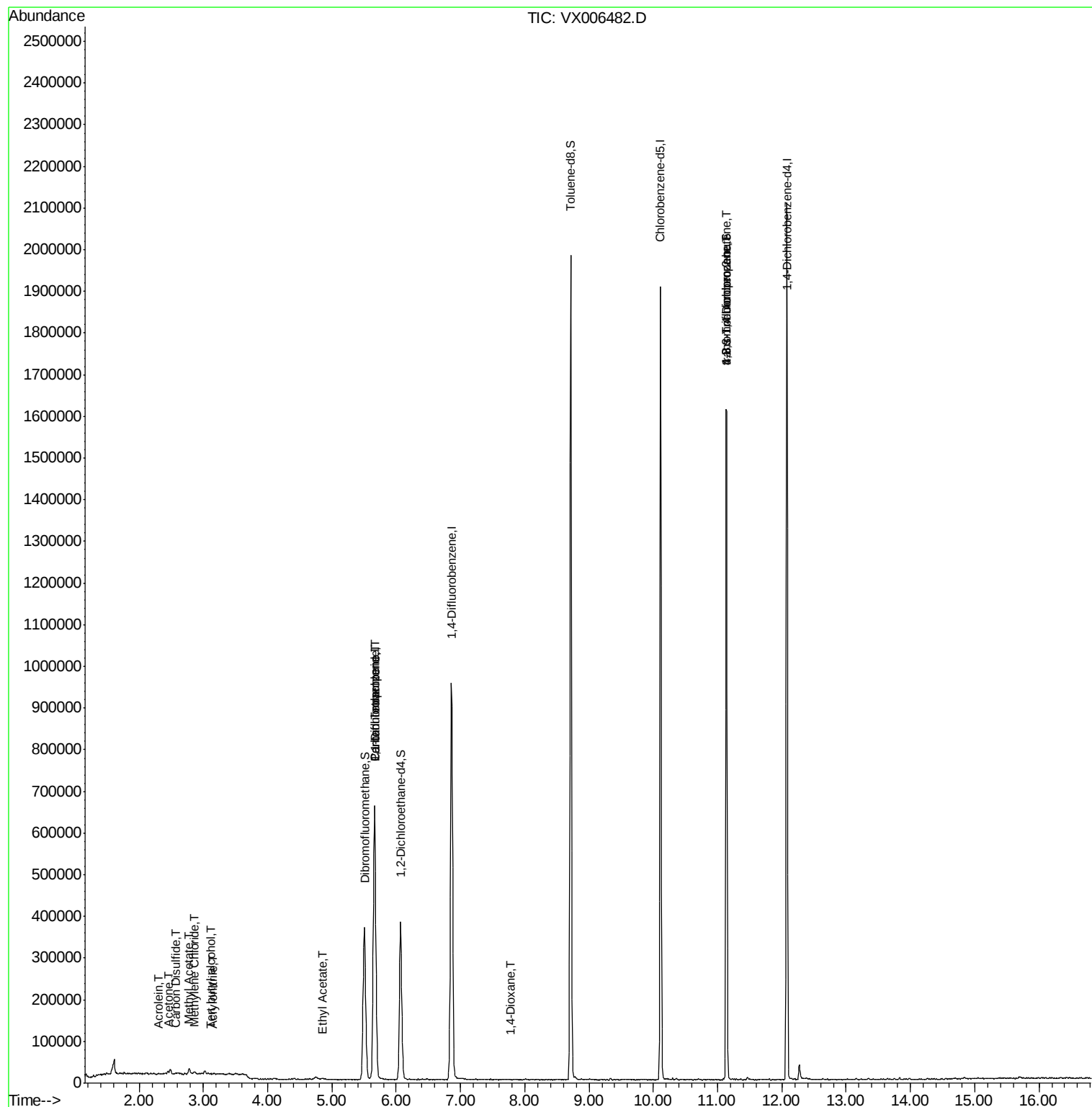
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.12	59	442	0.240	ug/l #	1
13) Acrolein	2.31	56	446	0.443	ug/l #	5
15) Acrylonitrile	3.14	53	1094	0.285	ug/l #	27
16) Acetone	2.45	43	7752	2.452	ug/l #	87
17) Carbon Disulfide	2.57	76	3896	0.212	ug/l	95
18) Methyl Acetate	2.78	43	16115	1.524	ug/l	92
20) Methylene Chloride	2.85	84	2505	0.372	ug/l #	72
36) 1,1-Dichloropropene	5.66	75	43959	5.002	ug/l #	47
37) Ethyl Acetate	4.85	43	5301	0.539	ug/l #	83
38) Carbon Tetrachloride	5.67	117	63470	6.139	ug/l #	17
49) 1,4-Dioxane	7.77	88	89	0.452	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	203679	23.903	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.13	75	203679	56.094	ug/l #	15

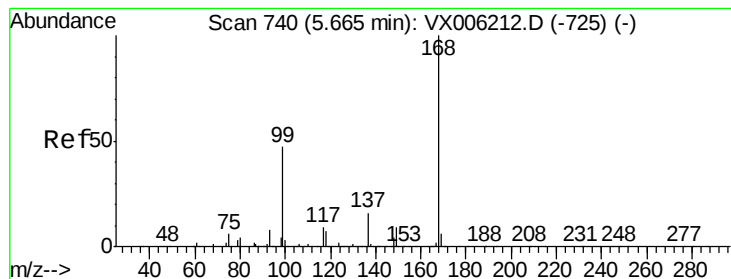
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121218\
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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: VX006482.D

Acq: 13 Dec 2018 08:39

Instrument :

MSVOA_X

ClientSampleId :

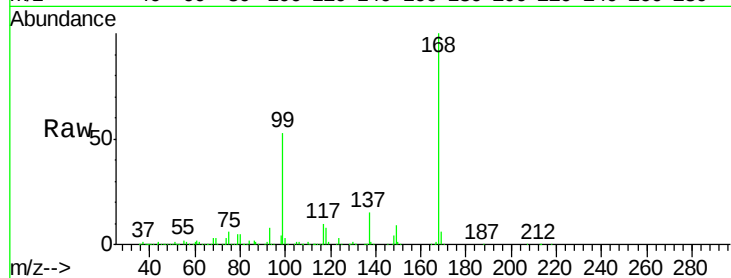
P001-SW002-01

Tgt Ion:168 Resp: 659855

Ion Ratio Lower Upper

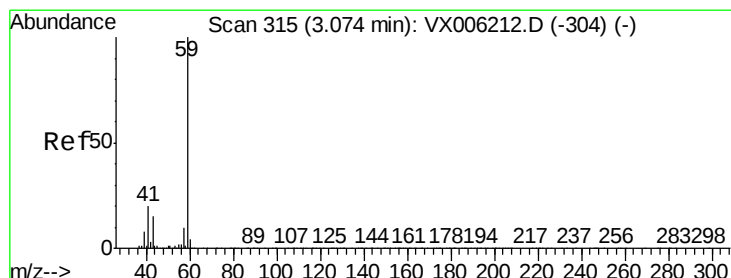
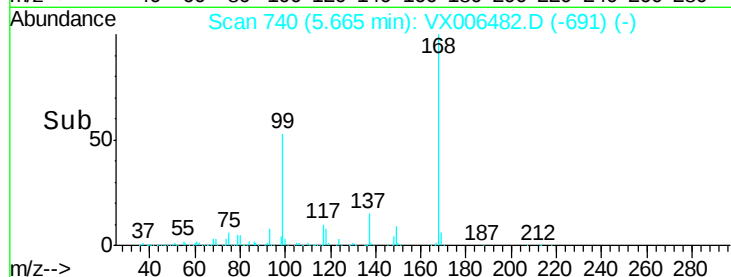
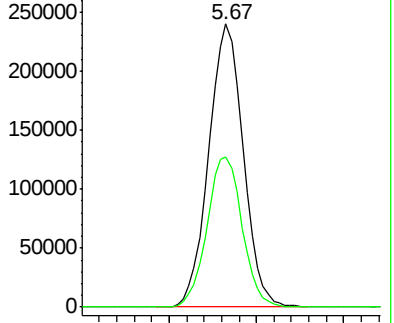
168 100

99 53.2 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 0.240 ug/l

RT: 3.12 min Scan# 322

Delta R.T. 0.04 min

Lab File: VX006482.D

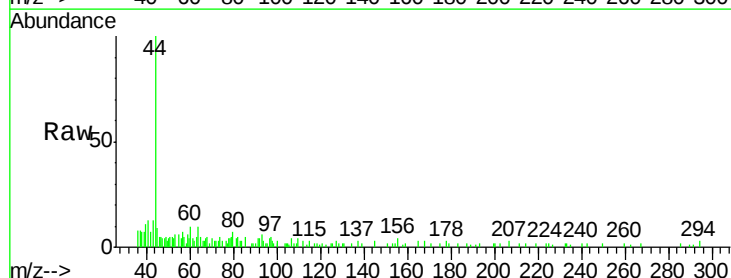
Acq: 13 Dec 2018 08:39

Tgt Ion: 59 Resp: 442

Ion Ratio Lower Upper

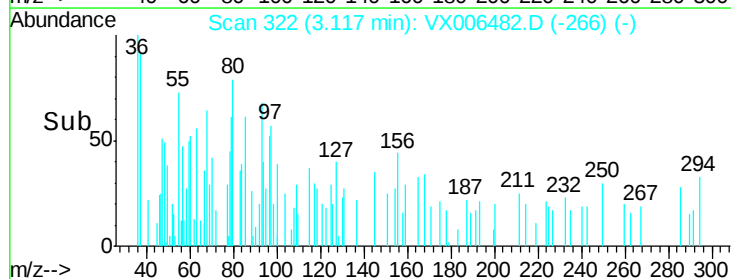
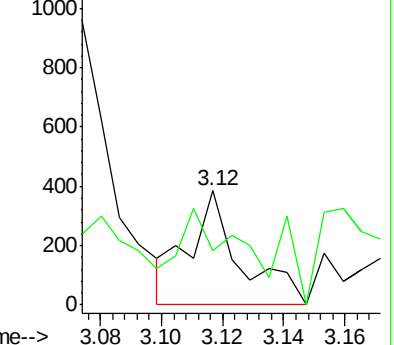
59 100

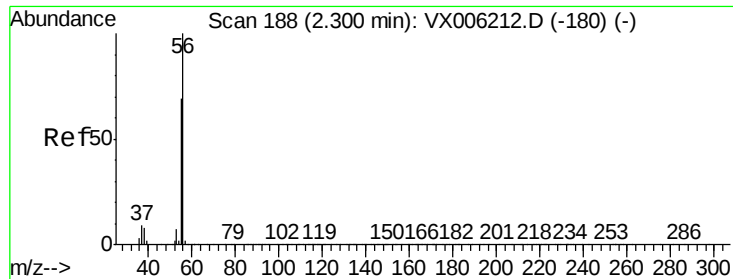
57 54.5 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 0.443 ug/l

RT: 2.31 min Scan# 190

Delta R.T. 0.01 min

Lab File: VX006482.D

Acq: 13 Dec 2018 08:39

Instrument :

MSVOA_X

ClientSampleId :

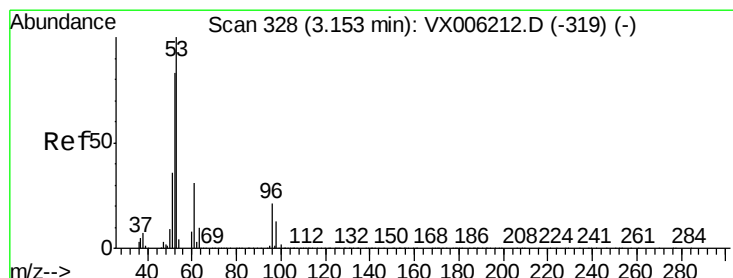
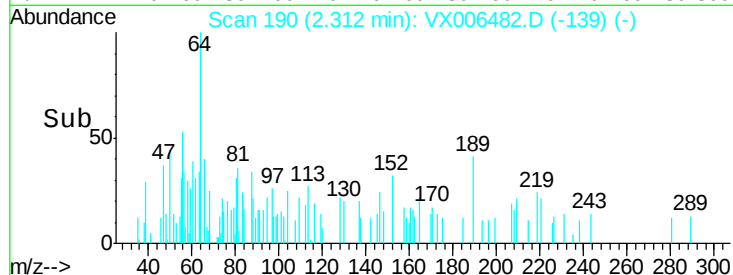
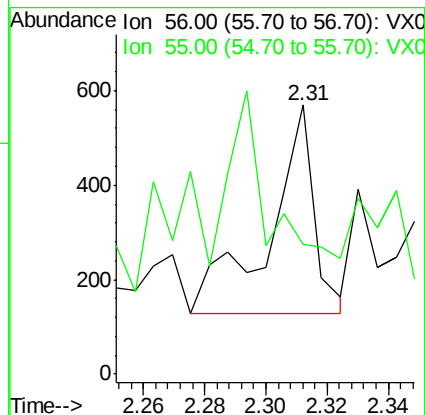
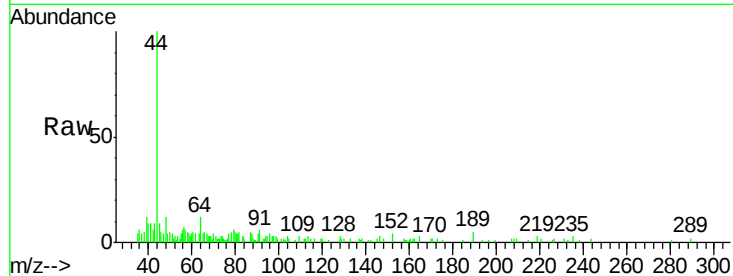
P001-SW002-01

Tgt Ion: 56 Resp: 446

Ion Ratio Lower Upper

56 100

55 151.3 57.8 86.6#



#15

Acrylonitrile

Concen: 0.285 ug/l

RT: 3.14 min Scan# 325

Delta R.T. -0.02 min

Lab File: VX006482.D

Acq: 13 Dec 2018 08:39

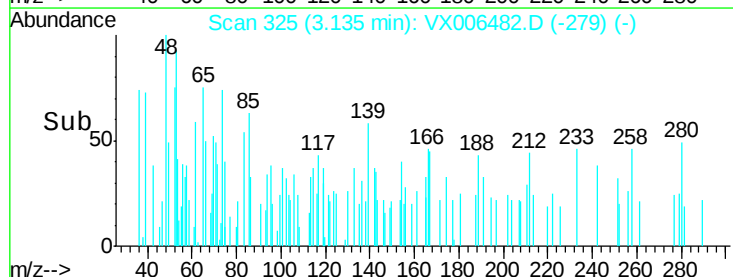
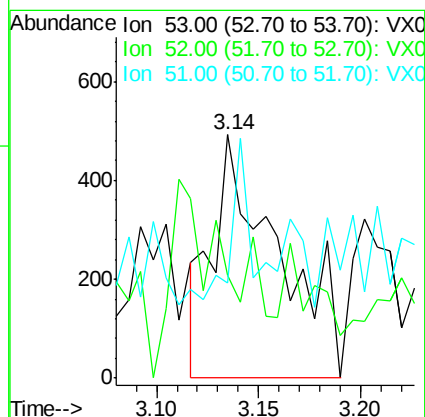
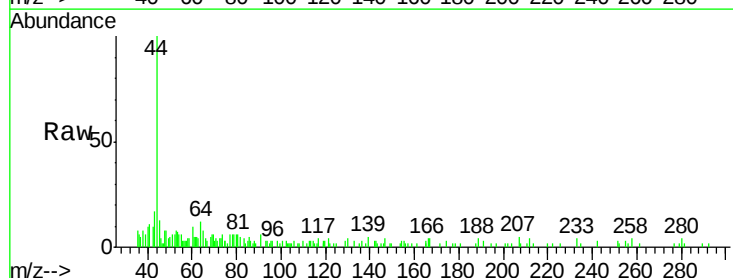
Tgt Ion: 53 Resp: 1094

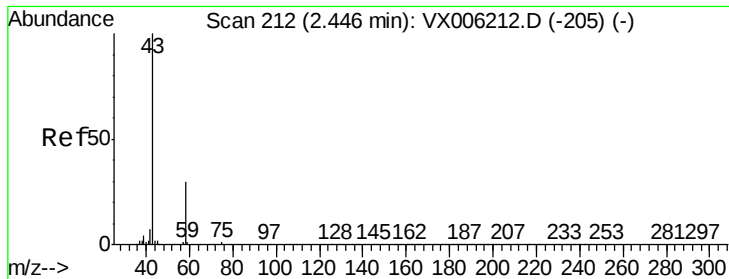
Ion Ratio Lower Upper

53 100

52 0.0 66.2 99.4#

51 19.7 28.7 43.1#





#16

Acetone

Concen: 2.452 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006482.D

Acq: 13 Dec 2018 08:39

Instrument :

MSVOA_X

ClientSampleId :

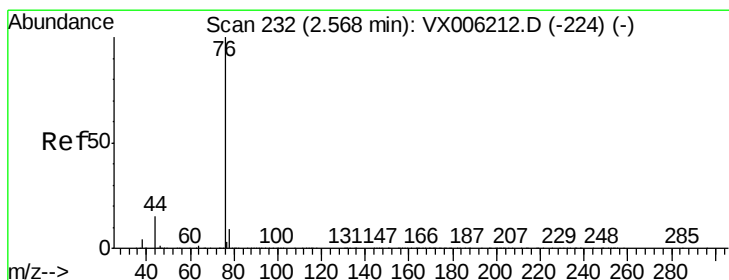
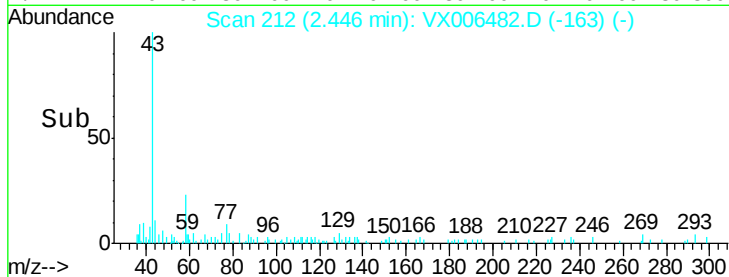
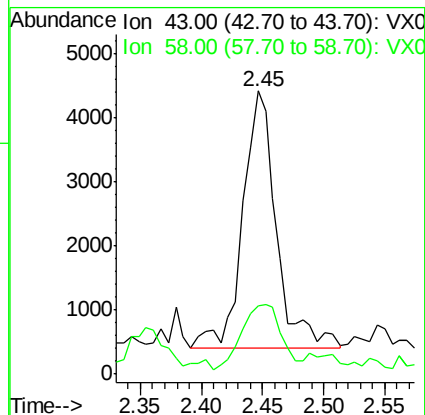
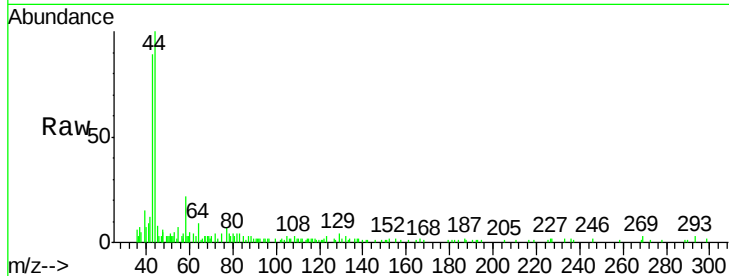
P001-SW002-01

Tgt Ion: 43 Resp: 7752

Ion Ratio Lower Upper

43 100

58 22.7 24.0 36.0#



#17

Carbon Disulfide

Concen: 0.212 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX006482.D

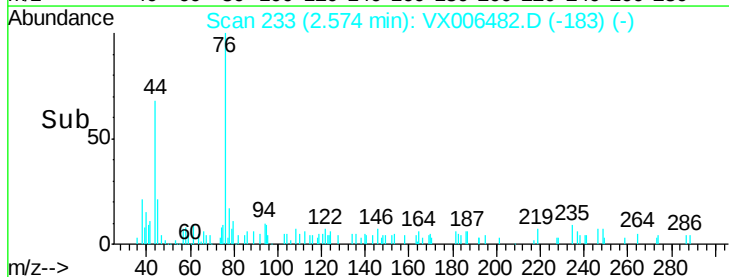
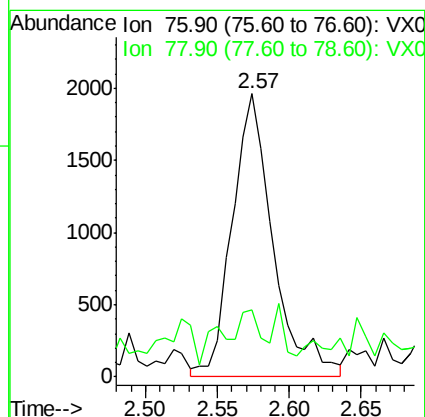
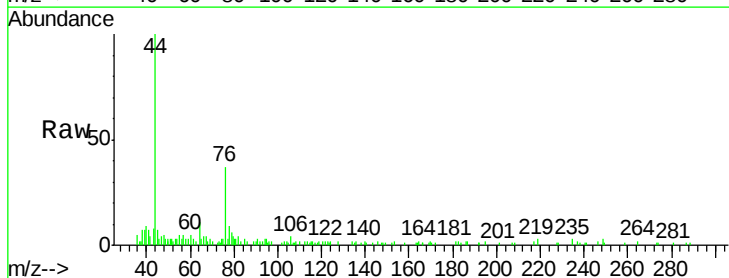
Acq: 13 Dec 2018 08:39

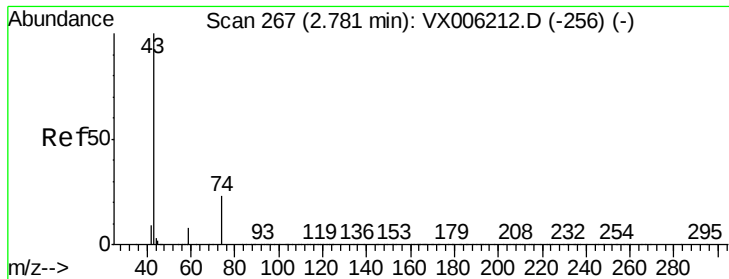
Tgt Ion: 76 Resp: 3896

Ion Ratio Lower Upper

76 100

78 10.5 7.1 10.7

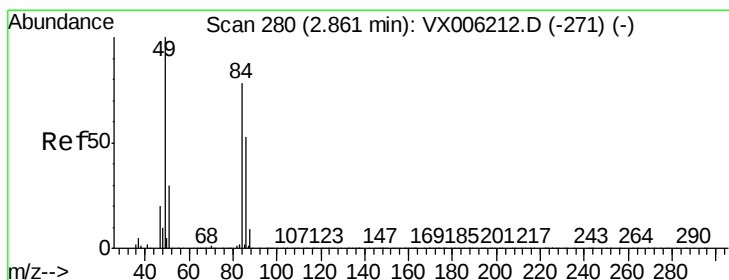
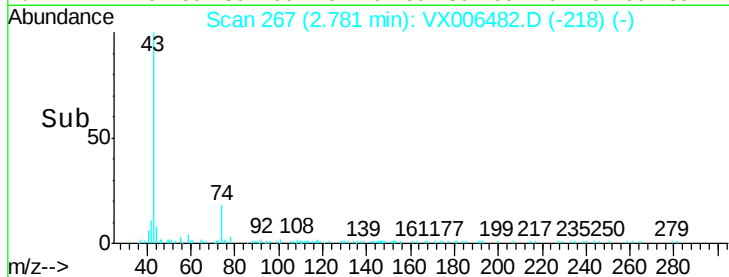
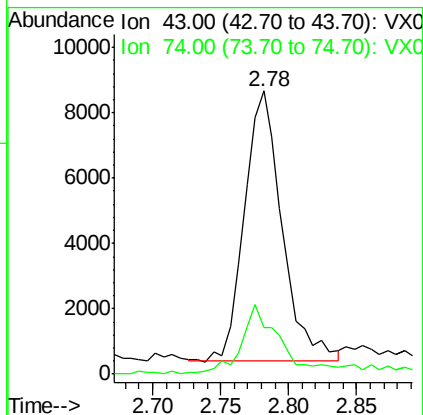
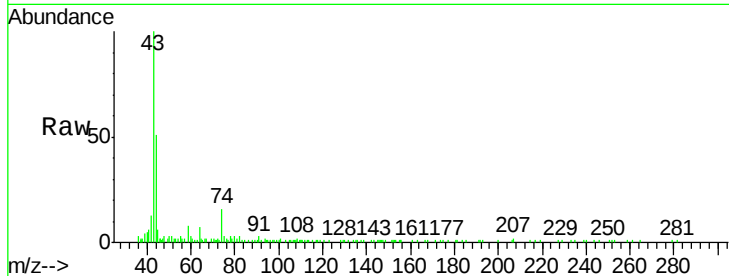




#18
Methyl Acetate
Concen: 1.524 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX006482.D
Acq: 13 Dec 2018 08:39

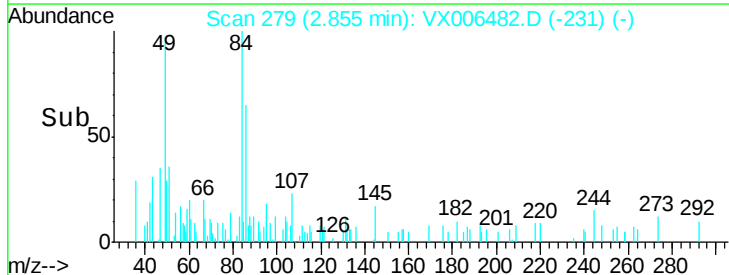
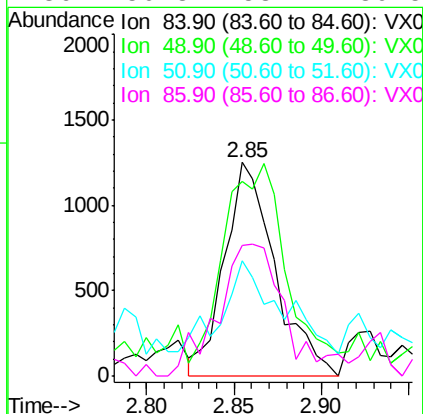
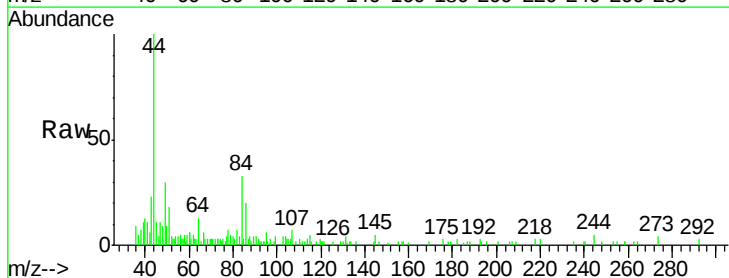
Instrument :
MSVOA_X
ClientSampleId :
P001-SW002-01

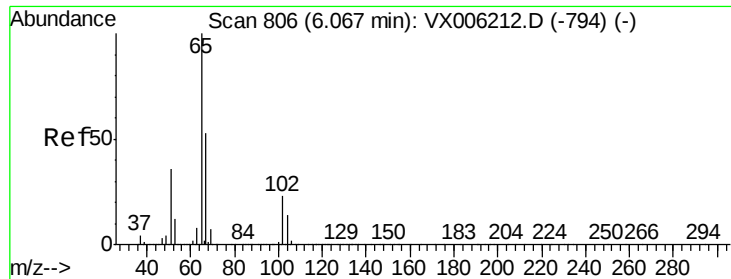
Tgt Ion: 43 Resp: 16115
Ion Ratio Lower Upper
43 100
74 26.3 17.9 26.9



#20
Methylene Chloride
Concen: 0.372 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX006482.D
Acq: 13 Dec 2018 08:39

Tgt Ion: 84 Resp: 2505
Ion Ratio Lower Upper
84 100
49 84.8 102.2 153.4#
51 43.9 31.1 46.7
86 50.8 53.7 80.5#





#33

1,2-Dichloroethane-d4

Concen: 52.392 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006482.D

Acq: 13 Dec 2018 08:39

Instrument :

MSVOA_X

ClientSampleId :

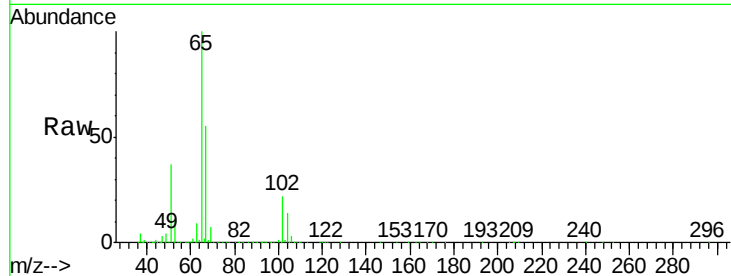
P001-SW002-01

Tgt Ion: 65 Resp: 352919

Ion Ratio Lower Upper

65 100

67 53.4 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

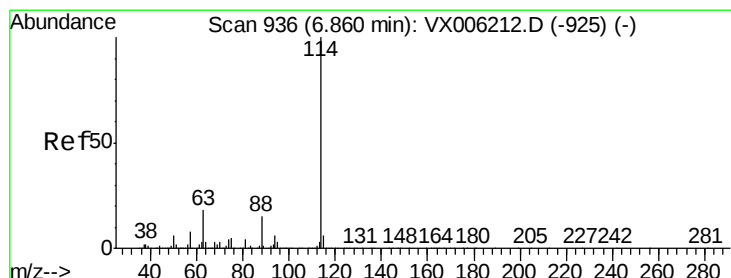
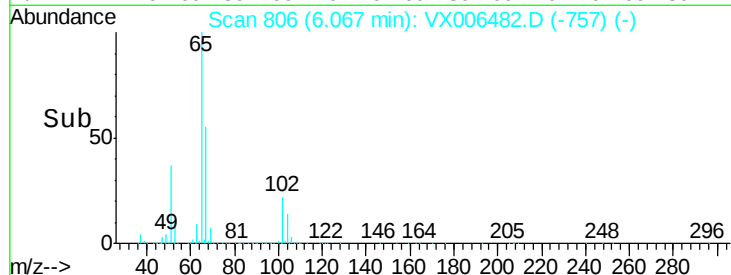
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006482.D

Acq: 13 Dec 2018 08:39

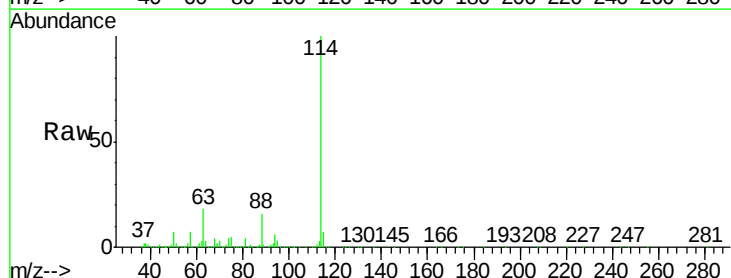
Tgt Ion: 114 Resp: 1043633

Ion Ratio Lower Upper

114 100

63 18.1 0.0 36.6

88 15.7 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

6.86

600000

500000

400000

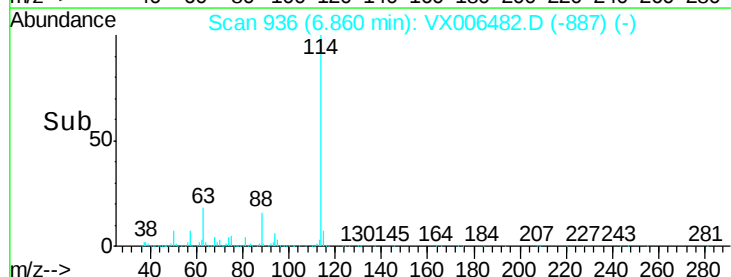
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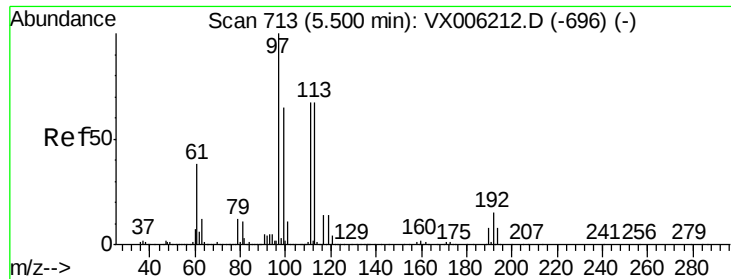
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 46.127 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006482.D

Acq: 13 Dec 2018 08:39

Instrument :

MSVOA_X

ClientSampleId :

P001-SW002-01

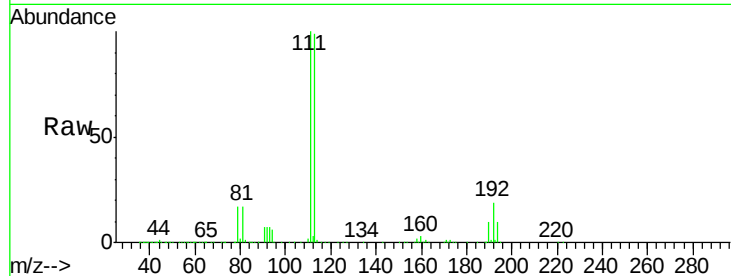
Tgt Ion:113 Resp: 311686

Ion Ratio Lower Upper

113 100

111 102.7 81.1 121.7

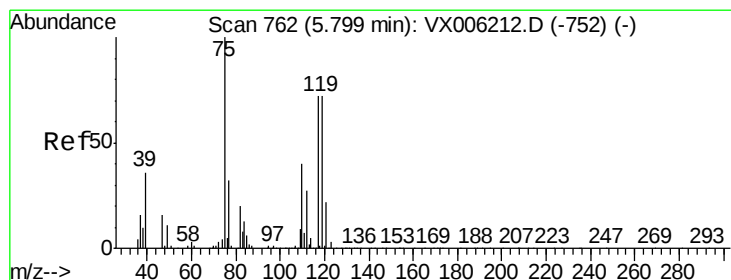
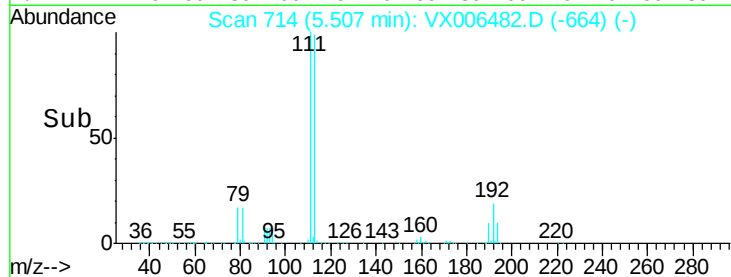
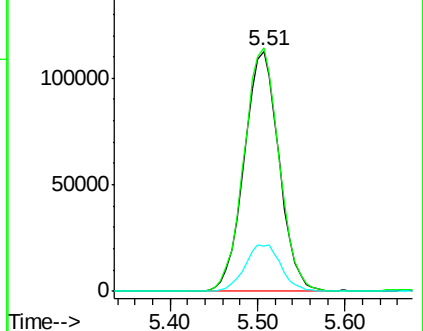
192 20.3 18.2 27.2



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: 5.002 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX006482.D

Acq: 13 Dec 2018 08:39

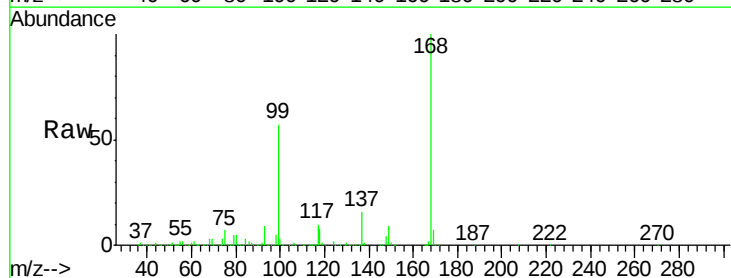
Tgt Ion: 75 Resp: 43959

Ion Ratio Lower Upper

75 100

110 9.8 20.4 61.3#

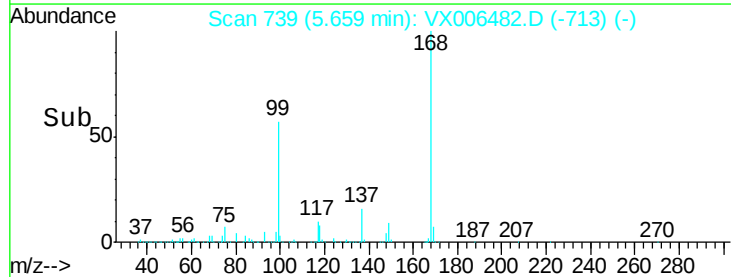
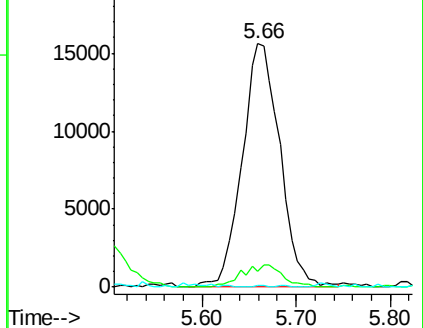
77 0.2 24.9 37.3#

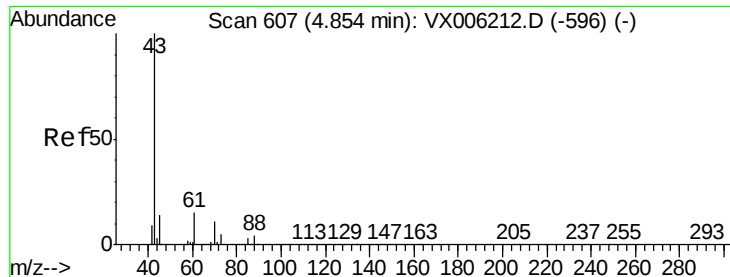


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 0.539 ug/l

RT: 4.85 min Scan# 607

Delta R.T. -0.00 min

Lab File: VX006482.D

Acq: 13 Dec 2018 08:39

Instrument :

MSVOA_X

ClientSampleId :

P001-SW002-01

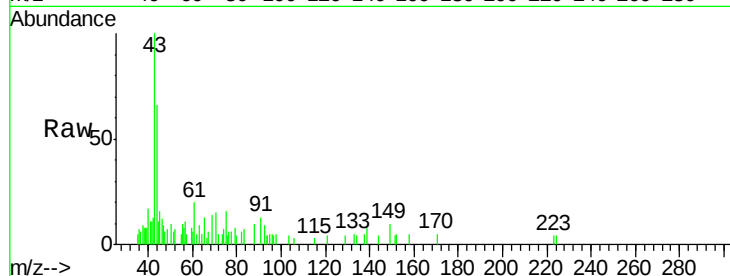
Tgt Ion: 43 Resp: 5301

Ion Ratio Lower Upper

43 100

61 21.9 11.5 17.3#

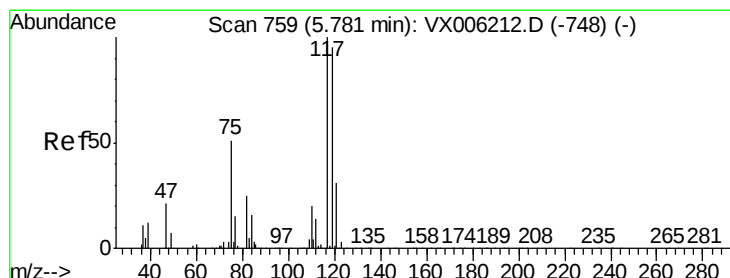
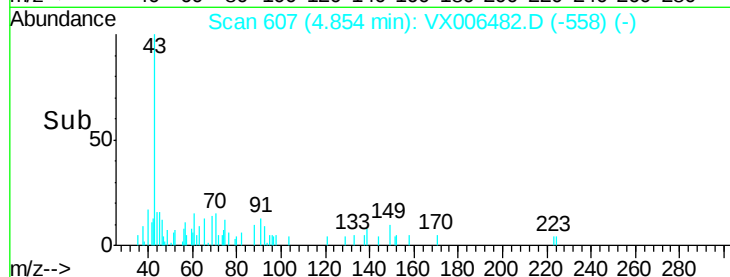
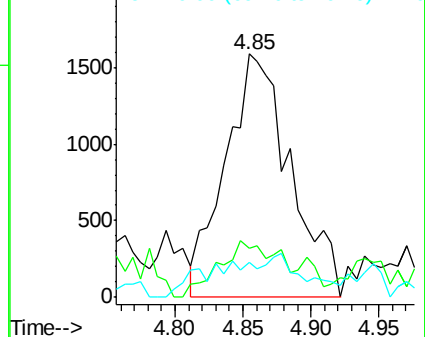
70 5.5 9.0 13.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 6.139 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX006482.D

Acq: 13 Dec 2018 08:39

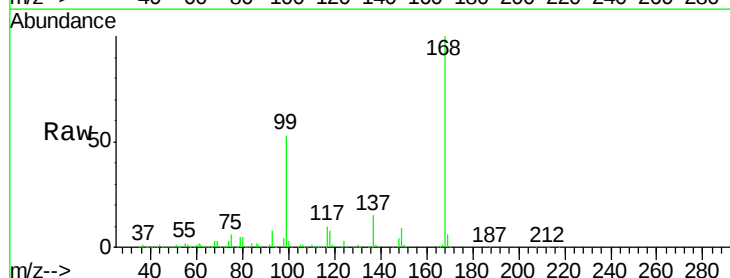
Tgt Ion: 117 Resp: 63470

Ion Ratio Lower Upper

117 100

119 6.1 75.8 113.8#

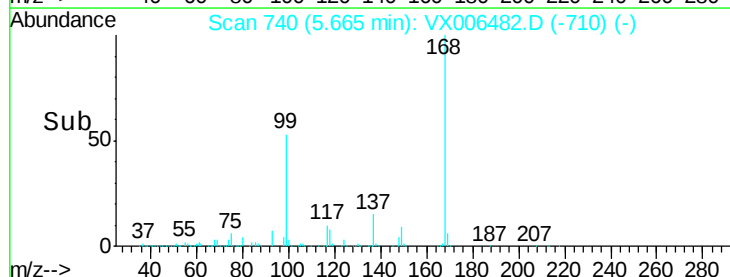
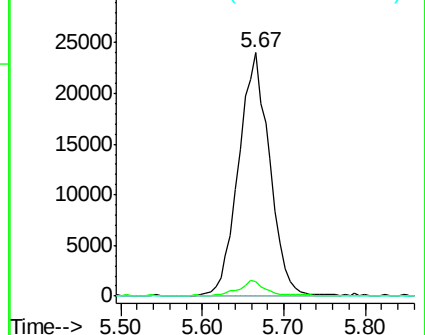
121 0.0 24.6 37.0#

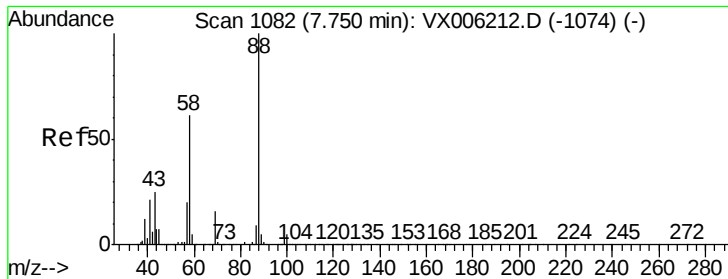


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#49

1,4-Dioxane

Concen: 0.452 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.02 min

Lab File: VX006482.D

Acq: 13 Dec 2018 08:39

Instrument :

MSVOA_X

ClientSampleId :

P001-SW002-01

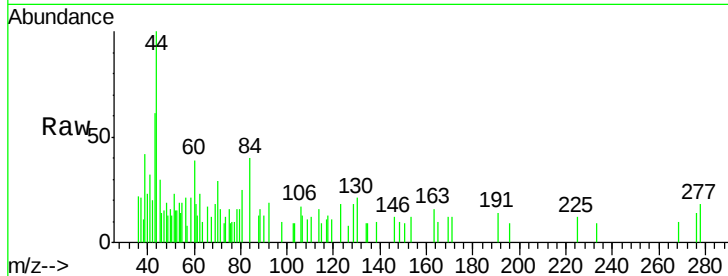
Tgt Ion: 88 Resp: 89

Ion Ratio Lower Upper

88 100

43 448.3 23.2 34.8#

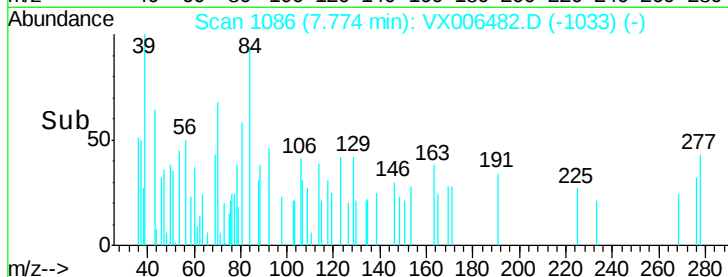
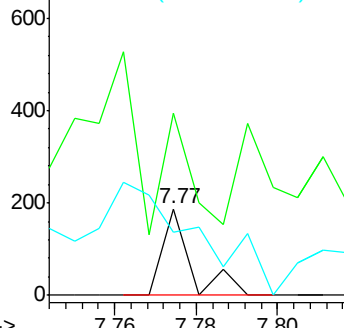
58 616.9 51.4 77.0#



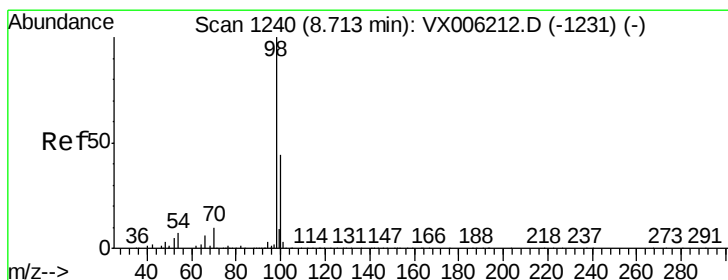
Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#50

Toluene-d8

Concen: 49.919 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006482.D

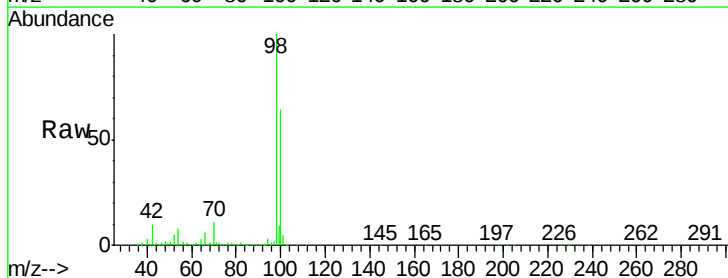
Acq: 13 Dec 2018 08:39

Tgt Ion: 98 Resp: 1226938

Ion Ratio Lower Upper

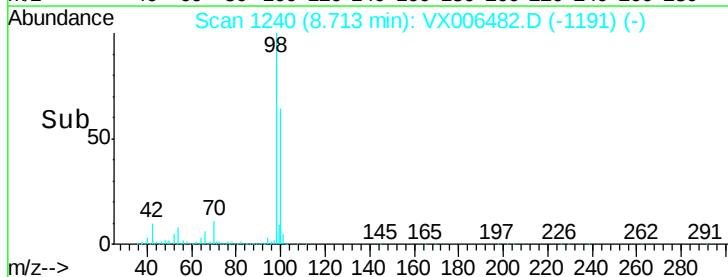
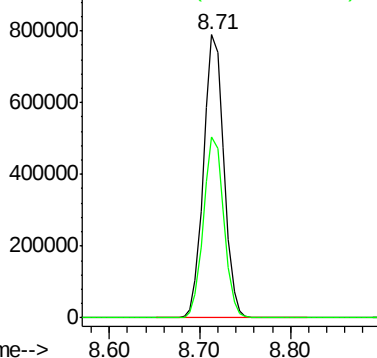
98 100

100 64.2 52.2 78.2

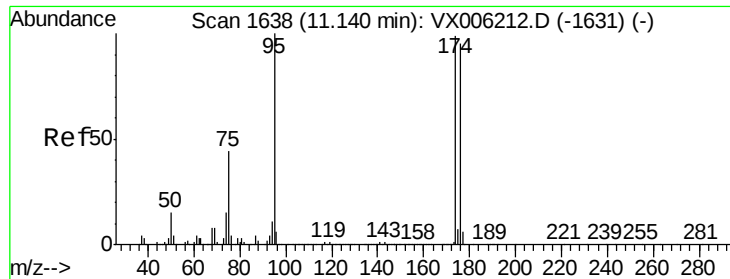


Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



Time-->



#62

4-Bromofluorobenzene

Concen: 48.266 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006482.D

Acq: 13 Dec 2018 08:39

Instrument :

MSVOA_X

ClientSampleId :

P001-SW002-01

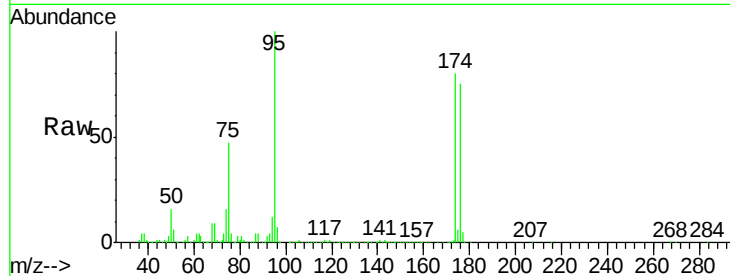
Tgt Ion: 95 Resp: 447034

Ion Ratio Lower Upper

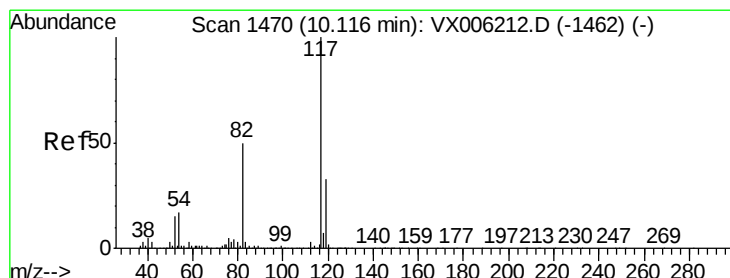
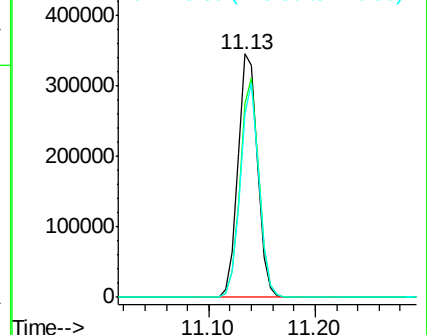
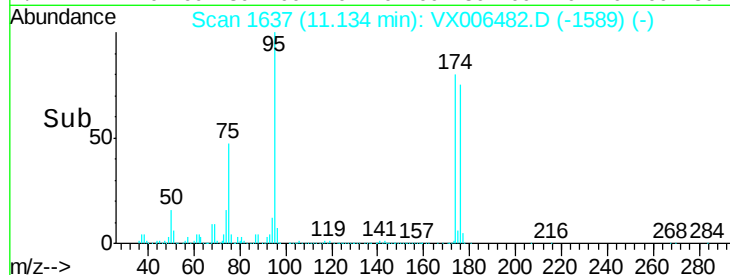
95 100

174 86.6 0.0 187.0

176 83.9 0.0 181.8



Abundance Ion 94.90 (94.60 to 95.60): VX006482.D (-1589) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX006482.D

Acq: 13 Dec 2018 08:39

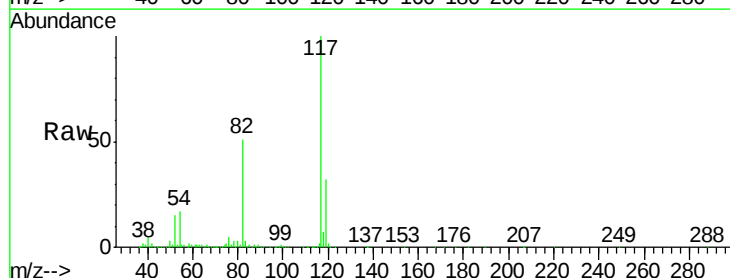
Tgt Ion: 117 Resp: 948054

Ion Ratio Lower Upper

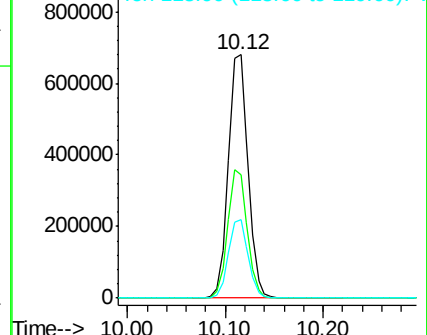
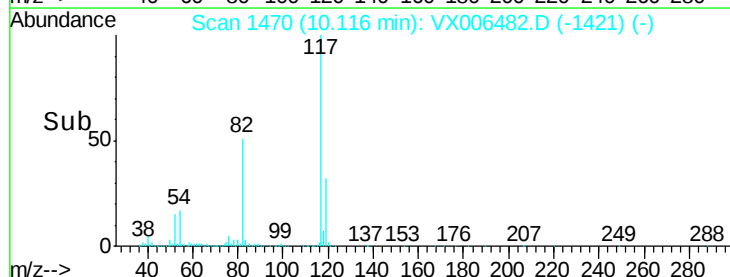
117 100

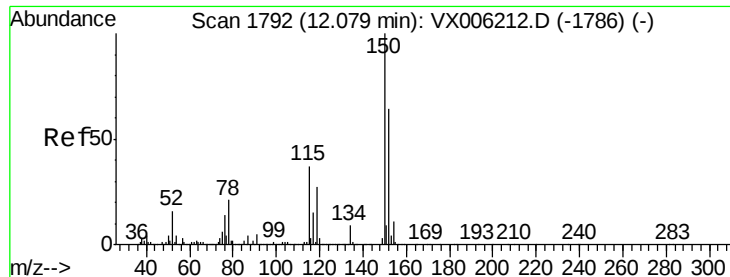
82 50.6 39.6 59.4

119 32.0 26.3 39.5



Abundance Ion 116.90 (116.60 to 117.60): VX006482.D (-1421) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006482.D

Acq: 13 Dec 2018 08:39

Instrument :

MSVOA_X

ClientSampleId :

P001-SW002-01

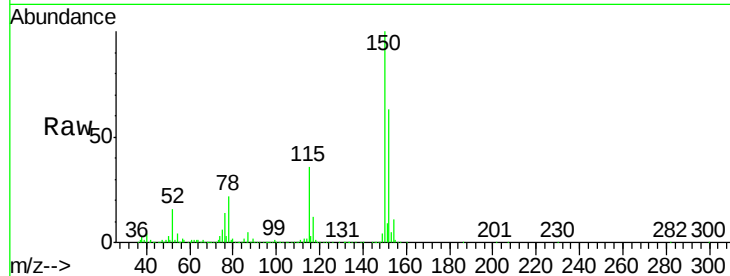
Tgt Ion: 152 Resp: 441469

Ion Ratio Lower Upper

152 100

115 57.8 39.0 116.9

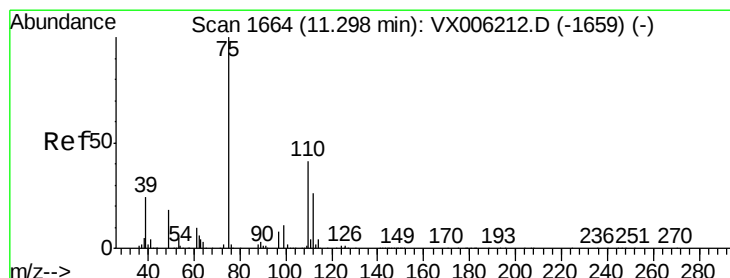
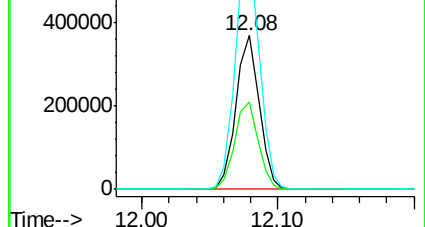
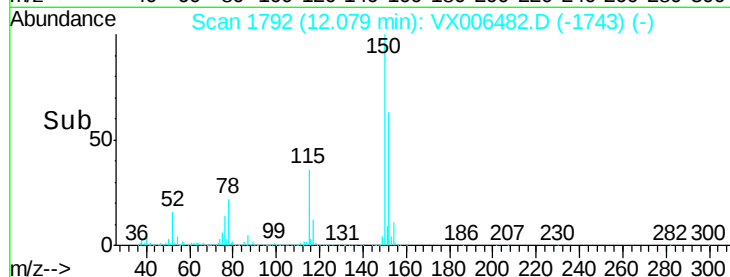
150 159.9 0.0 345.8



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: 23.903 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006482.D

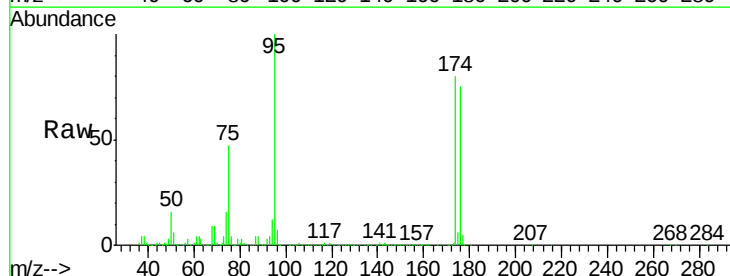
Acq: 13 Dec 2018 08:39

Tgt Ion: 75 Resp: 203679

Ion Ratio Lower Upper

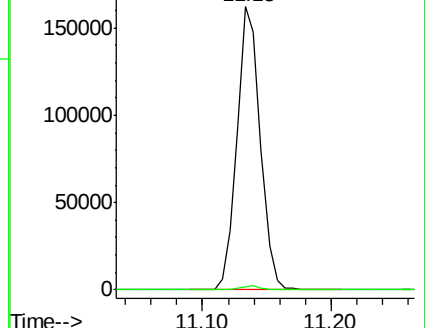
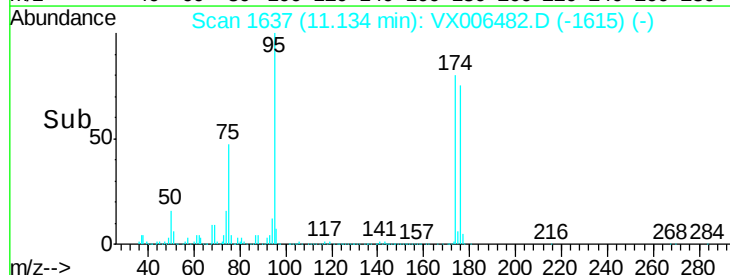
75 100

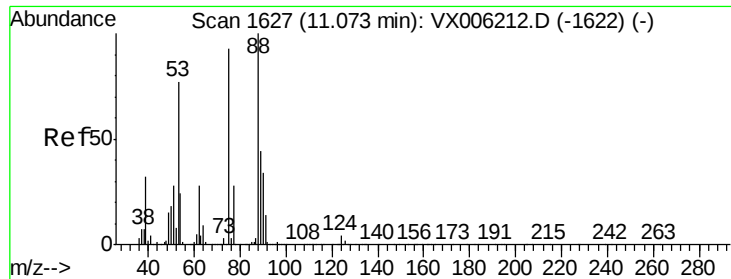
77 1.4 19.9 59.7#



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: 56.094 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006482.D

Acq: 13 Dec 2018 08:39

Instrument :

MSVOA_X

ClientSampleId :

P001-SW002-01

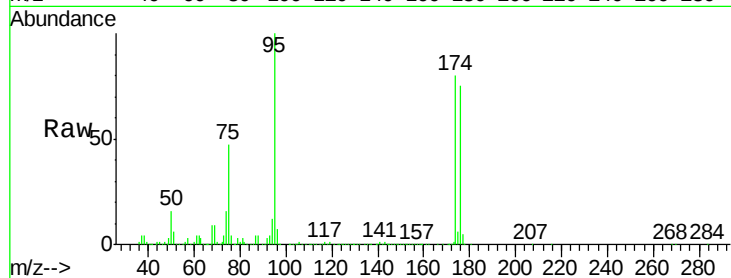
Tgt Ion: 75 Resp: 203679

Ion Ratio Lower Upper

75 100

53 0.1 64.4 96.6#

89 0.1 44.2 66.4#



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

