

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121418\
 Data File : VX006514.D
 Acq On : 14 Dec 2018 13:25
 Operator : JC/MD
 Sample : J6396-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 15 04:34:51 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	5.66	168	700617	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1098589	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1003659	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	483058	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	371845	51.99	ug/l	0.00
Spiked Amount			Recovery	=	103.98%	
35) Dibromofluoromethane	5.50	113	333401	46.87	ug/l	0.00
Spiked Amount			Recovery	=	93.74%	
50) Toluene-d8	8.71	98	1296955	50.13	ug/l	0.00
Spiked Amount			Recovery	=	100.26%	
62) 4-Bromofluorobenzene	11.13	95	475917	48.81	ug/l	0.00
Spiked Amount			Recovery	=	97.62%	

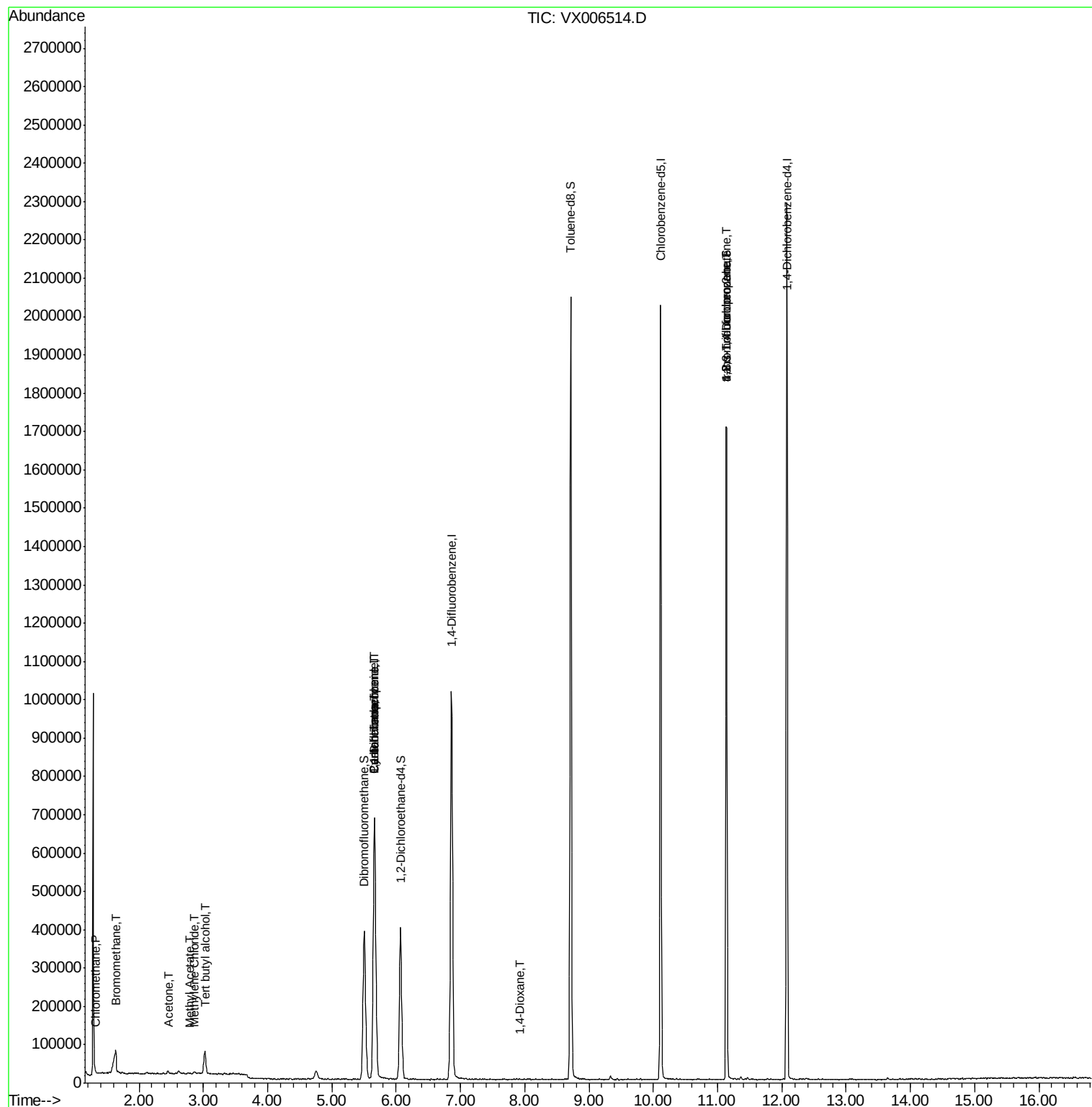
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	1420	0.201	ug/l #	77
5) Bromomethane	1.64	94	2311	0.440	ug/l	97
11) Tert butyl alcohol	3.03	59	36593	18.708	ug/l #	79
16) Acetone	2.45	43	7637	2.275	ug/l #	84
18) Methyl Acetate	2.78	43	3441	0.307	ug/l #	75
20) Methylene Chloride	2.86	84	4396	0.615	ug/l #	67
31) Cyclohexane	5.66	56	11611	1.124	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	46840	5.063	ug/l #	49
38) Carbon Tetrachloride	5.66	117	64584	5.934	ug/l #	15
49) 1,4-Dioxane	7.91	88	285	1.376	ug/l	89
76) 1,2,3-Trichloropropane	11.13	75	219614	23.554	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.13	75	219614	55.275	ug/l #	15

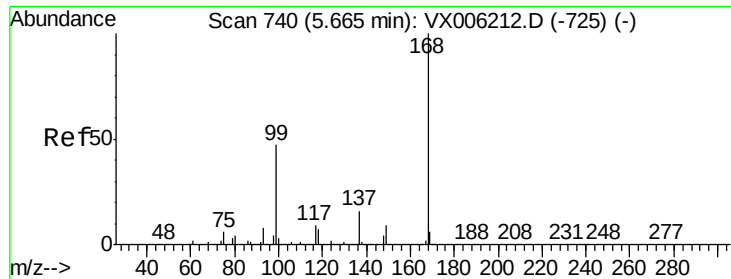
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121418\
Data File : VX006514.D
Acq On : 14 Dec 2018 13:25
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Misc : 5.0mL/MSVOA X/WATER
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MSVOA_X
ClientSampleId :

Quant Time: Dec 15 04:34:51 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX006514.D

Acq: 14 Dec 2018 13:25

Instrument :

MSVOA_X

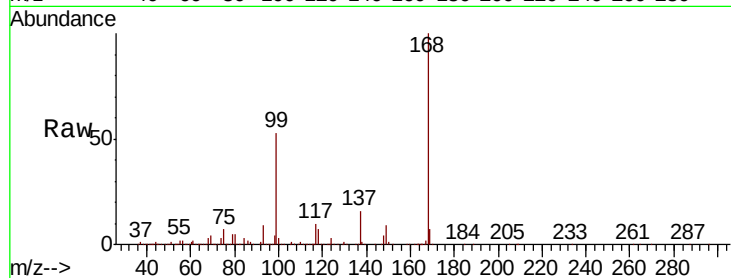
ClientSampleId :

Tot Ion:168 Resp: 700617

Ion Ratio Lower Upper

168 100

99 53.4 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

250000

200000

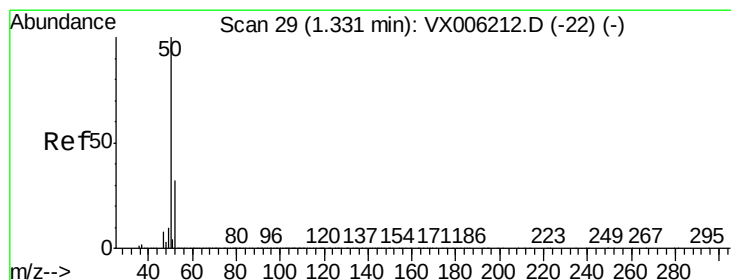
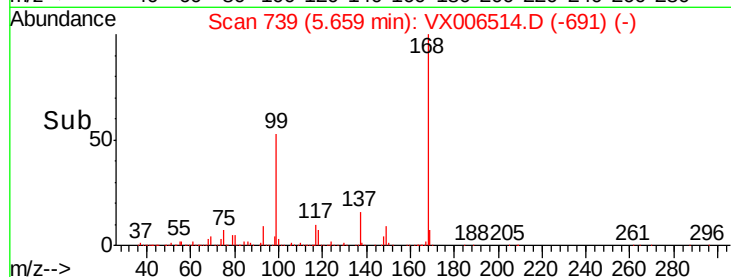
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.201 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX006514.D

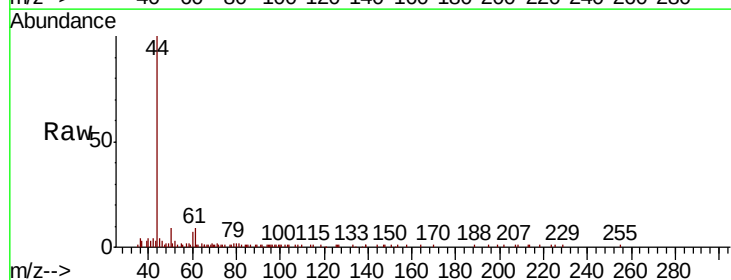
Acq: 14 Dec 2018 13:25

Tgt Ion: 50 Resp: 1420

Ion Ratio Lower Upper

50 100

52 18.6 25.2 37.8#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

1200

1000

800

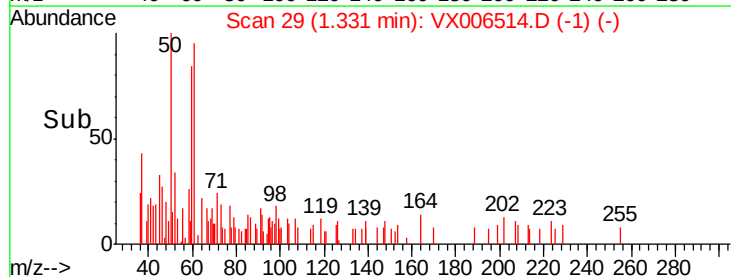
600

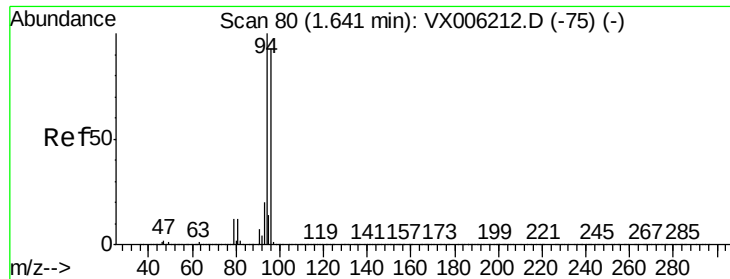
400

200

0

Time--> 1.30 1.32 1.34 1.36





#5

Bromomethane

Concen: 0.440 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006514.D

Acq: 14 Dec 2018 13:25

Instrument :

MSVOA_X

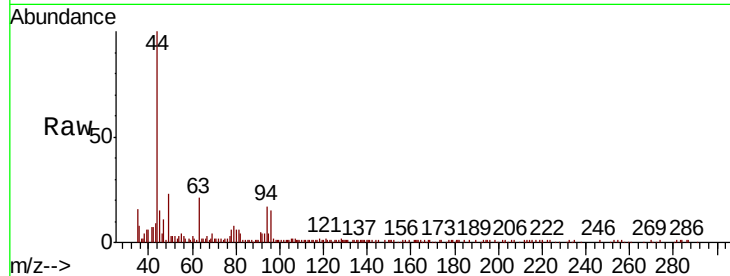
ClientSampled :

Tot Ion: 94 Resp: 2311

Ion Ratio Lower Upper

94 100

96 90.2 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

2500

2000

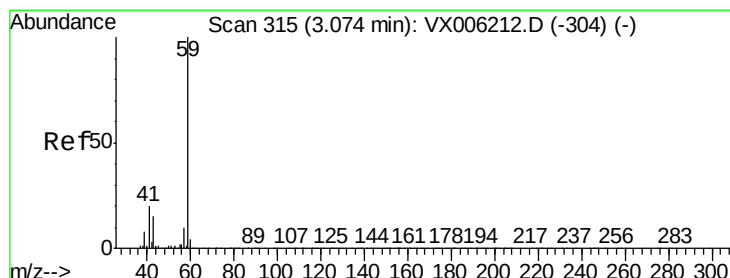
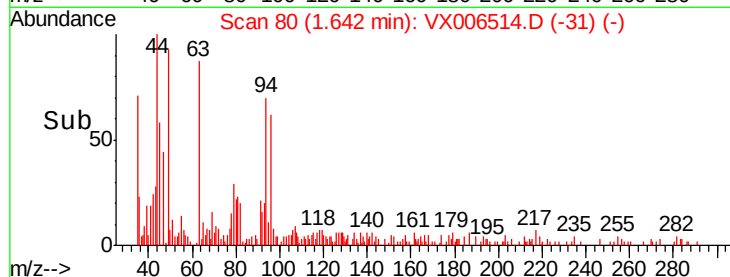
1500

1000

500

0

Time--> 1.60 1.65 1.70



#11

Tert butyl alcohol

Concen: 18.708 ug/l

RT: 3.03 min Scan# 307

Delta R.T. -0.05 min

Lab File: VX006514.D

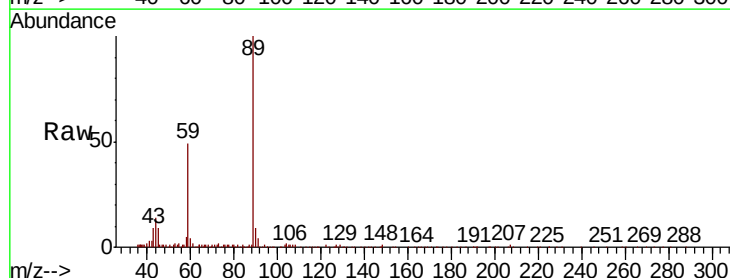
Acq: 14 Dec 2018 13:25

Tgt Ion: 59 Resp: 36593

Ion Ratio Lower Upper

59 100

57 2.2 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

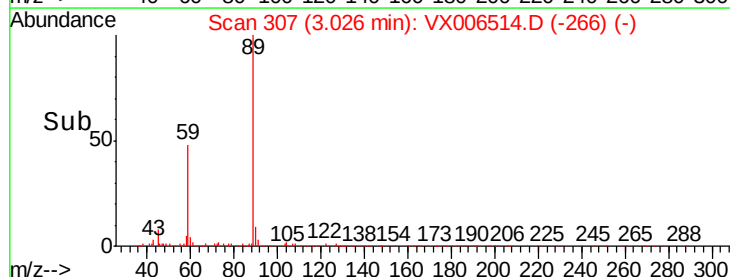
15000

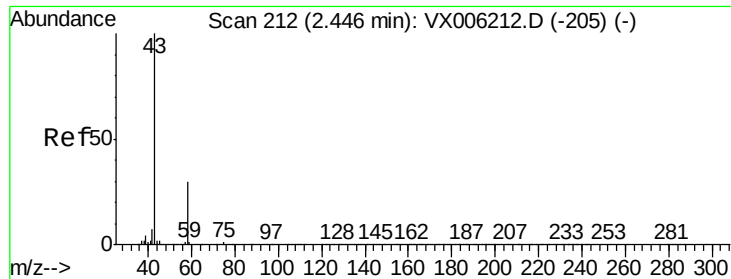
10000

5000

0

Time--> 2.90 3.00 3.10





#16

Acetone

Concen: 2.275 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006514.D

Acq: 14 Dec 2018 13:25

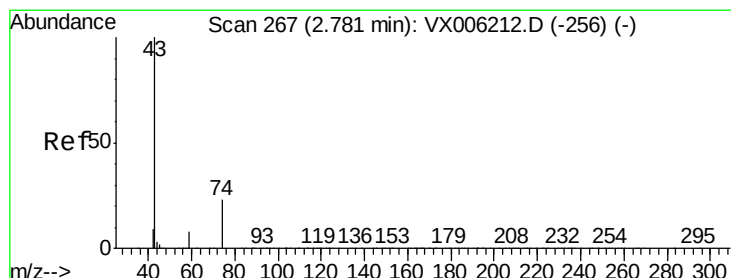
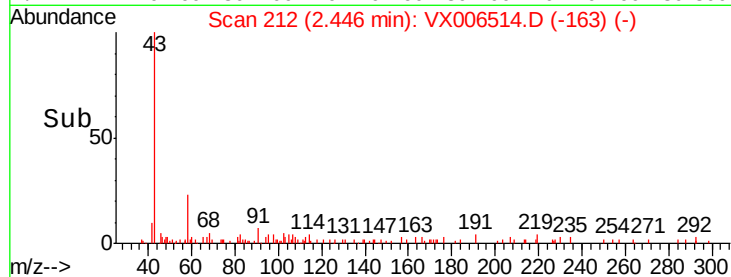
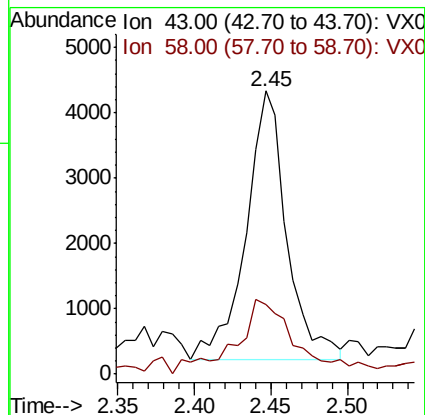
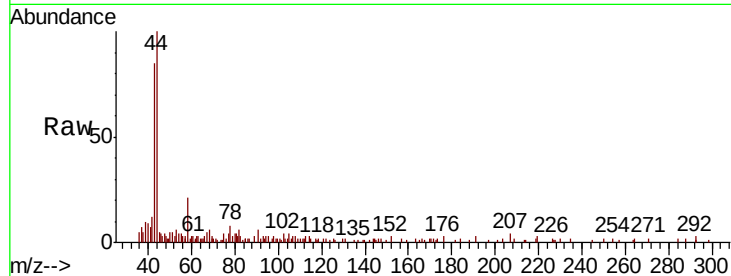
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 7637

Ion Ratio Lower Upper

43 100

58 21.5 24.0 36.0#



#18

Methyl Acetate

Concen: 0.307 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX006514.D

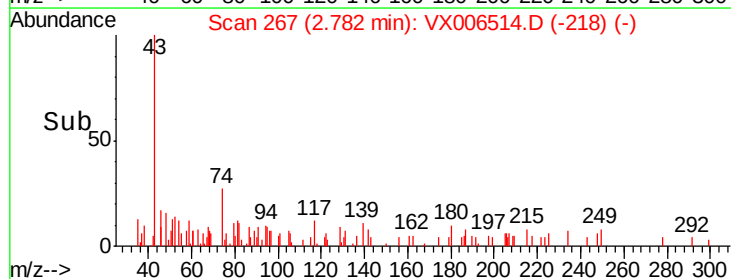
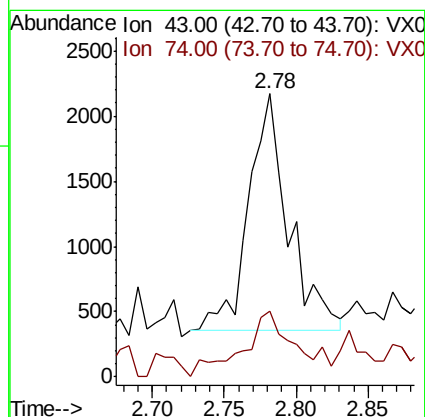
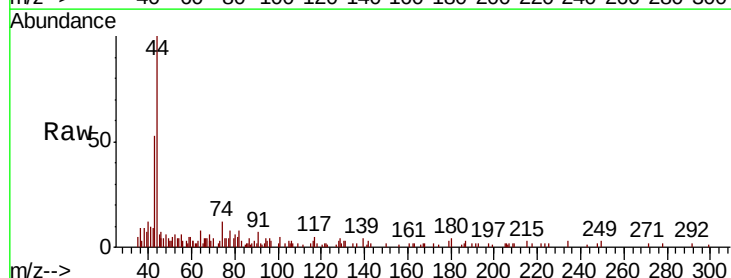
Acq: 14 Dec 2018 13:25

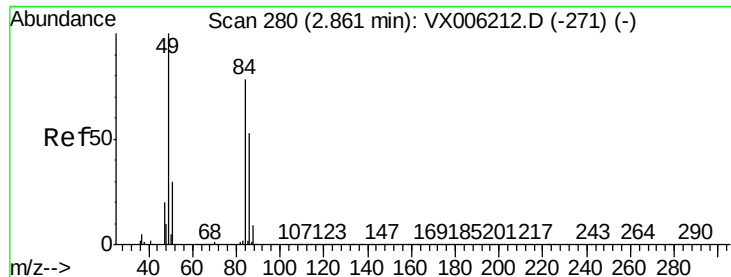
Tgt Ion: 43 Resp: 3441

Ion Ratio Lower Upper

43 100

74 34.2 17.9 26.9#





#20

Methylene Chloride

Concen: 0.615 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX006514.D

Acq: 14 Dec 2018 13:25

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 84 Resp: 4396

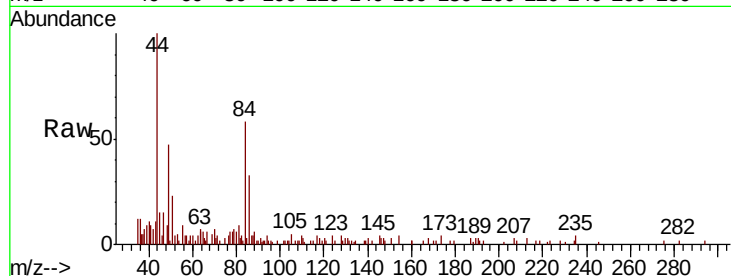
Ion Ratio Lower Upper

84 100

49 73.0 102.2 153.4#

51 36.2 31.1 46.7

86 49.0 53.7 80.5#

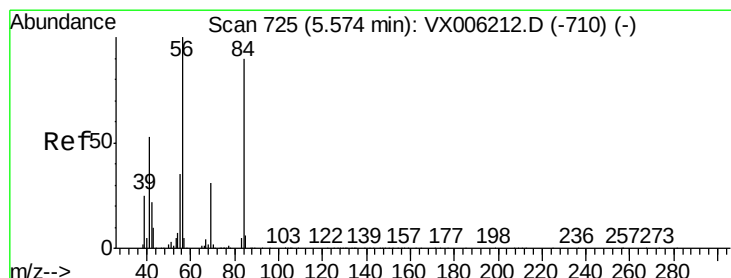
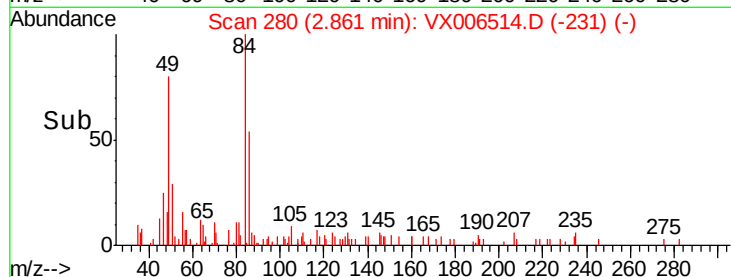
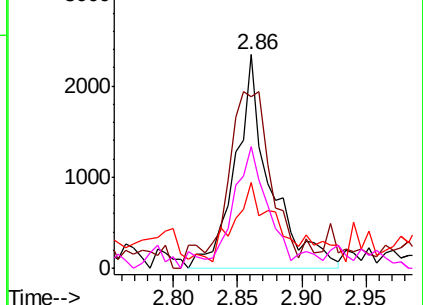


Abundance Ion 83.90 (83.60 to 84.60): VX0

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



#31

Cyclohexane

Concen: 1.124 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.09 min

Lab File: VX006514.D

Acq: 14 Dec 2018 13:25

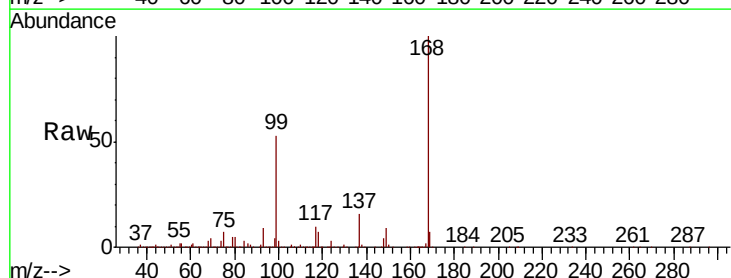
Tgt Ion: 56 Resp: 11611

Ion Ratio Lower Upper

56 100

69 209.0 24.5 36.7#

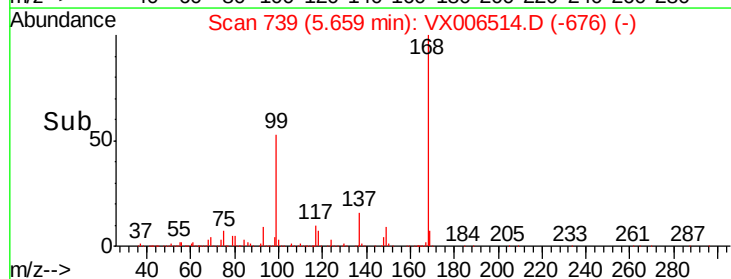
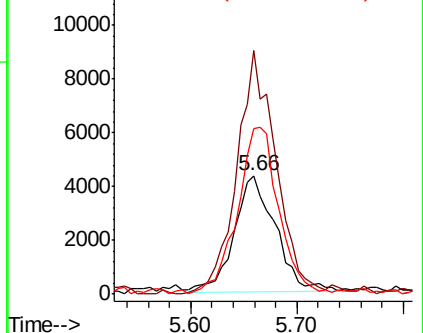
84 143.3 71.8 107.6#

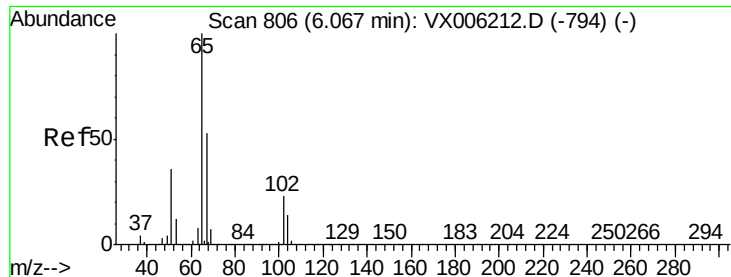


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

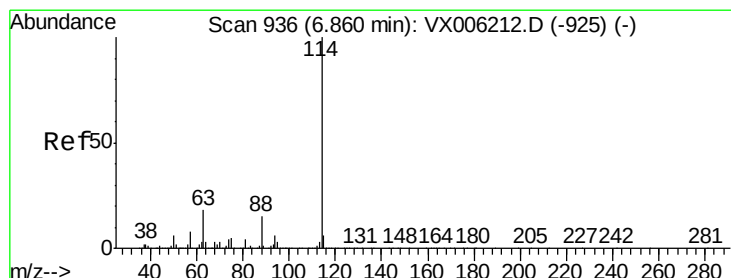
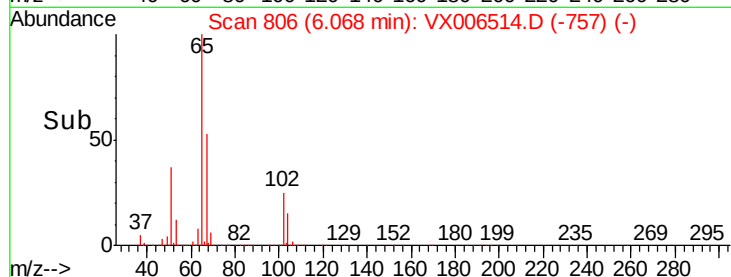
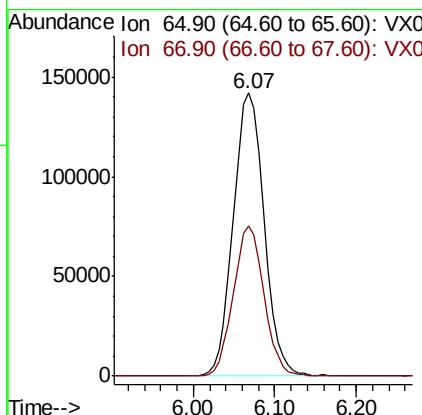
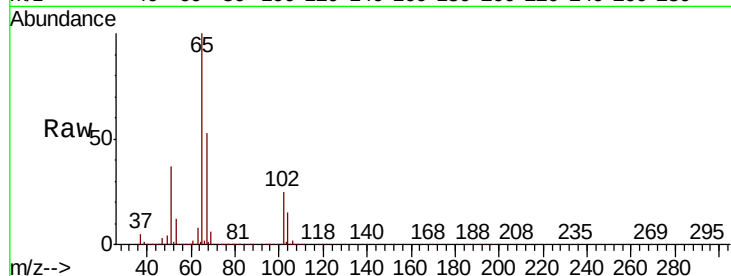




#33
 1,2-Dichloroethane-d4
 Concen: 51.990 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006514.D
 Acq: 14 Dec 2018 13:25

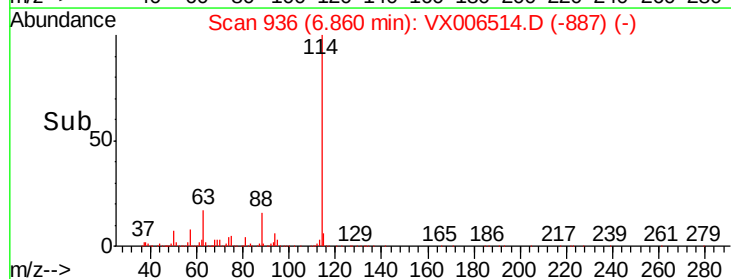
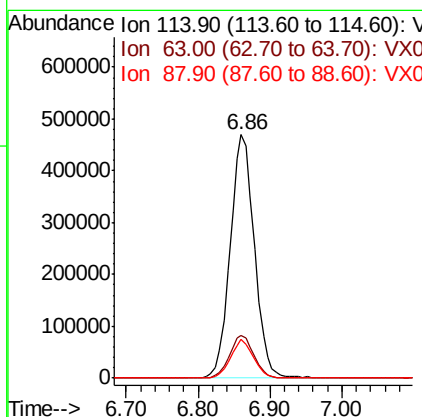
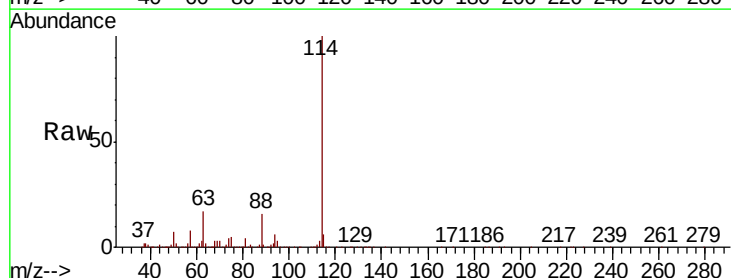
Instrument :
 MSVOA_X
 ClientSampleId :

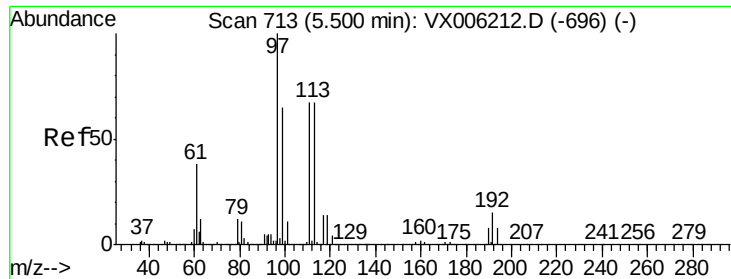
Tot Ion: 65 Resp: 371845
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006514.D
 Acq: 14 Dec 2018 13:25

Tgt Ion: 114 Resp: 1098589
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 36.6
 88 15.8 0.0 29.0





#35

Dibromofluoromethane

Concen: 46.872 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006514.D

Acq: 14 Dec 2018 13:25

Instrument :

MSVOA_X

ClientSampleId :

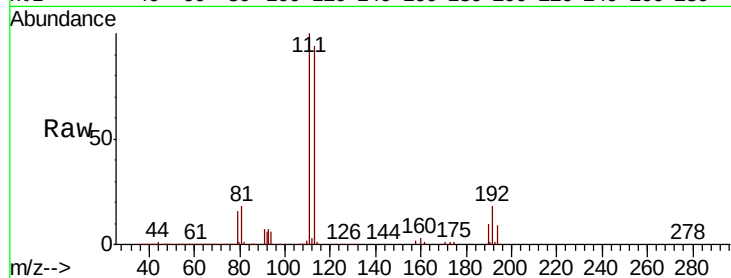
Tot Ion:113 Resp: 333401

Ion Ratio Lower Upper

113 100

111 102.7 81.1 121.7

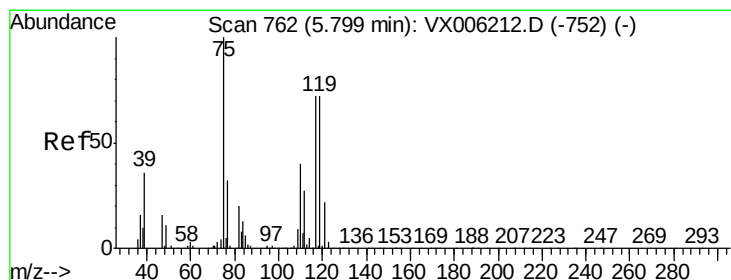
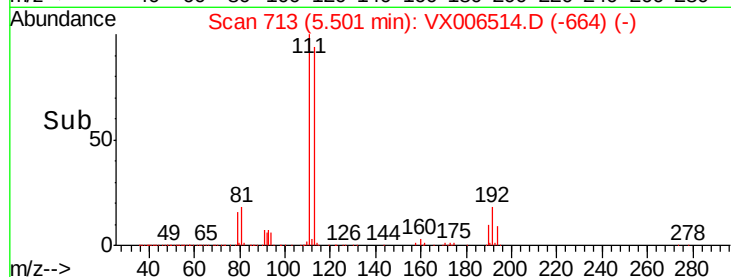
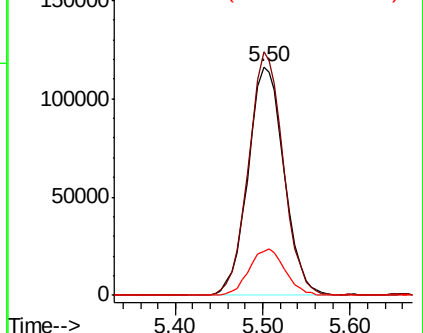
192 20.2 18.2 27.2



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: 5.063 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX006514.D

Acq: 14 Dec 2018 13:25

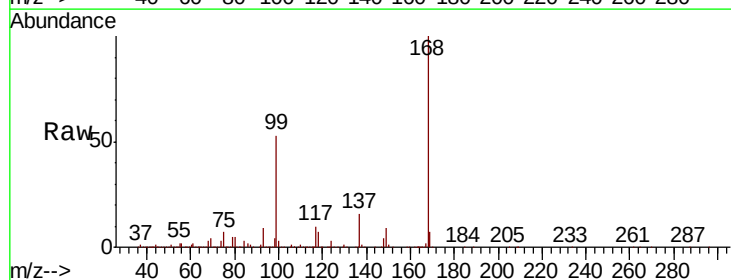
Tgt Ion: 75 Resp: 46840

Ion Ratio Lower Upper

75 100

110 11.1 20.4 61.3#

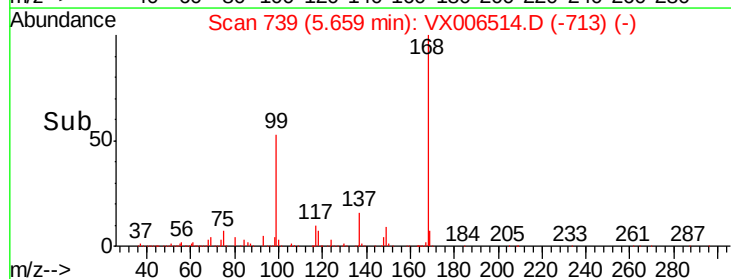
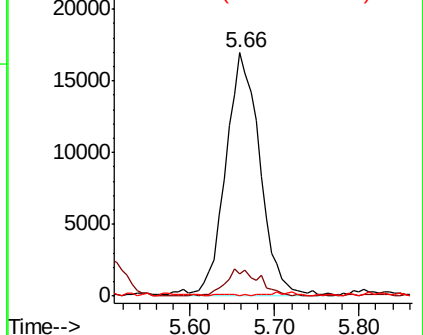
77 0.6 24.9 37.3#

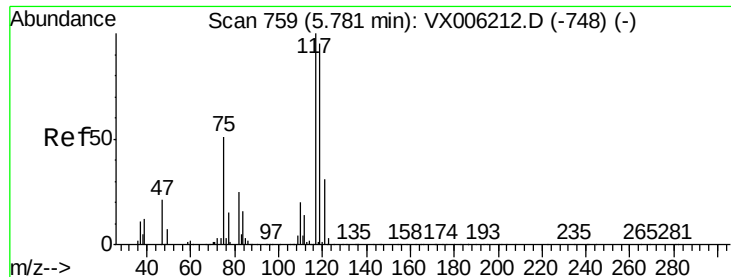


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 5.934 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX006514.D

Acq: 14 Dec 2018 13:25

Instrument :

MSVOA_X

ClientSampleId :

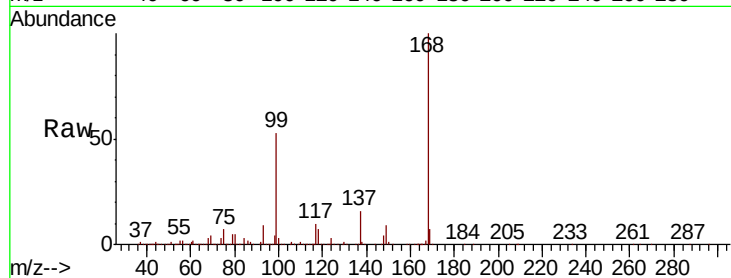
Tot Ion:117 Resp: 64584

Ion Ratio Lower Upper

117 100

119 3.1 75.8 113.8#

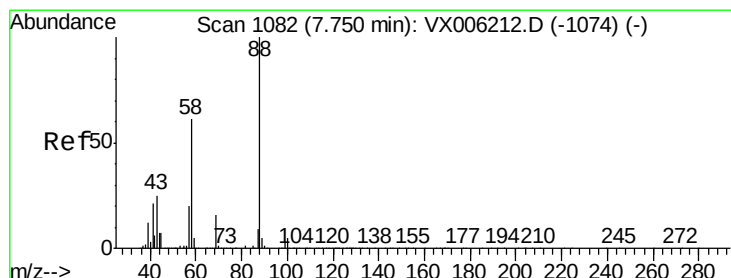
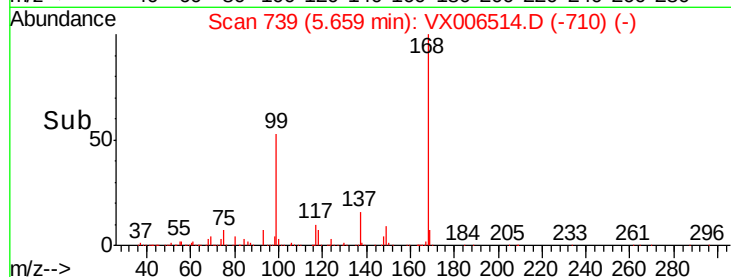
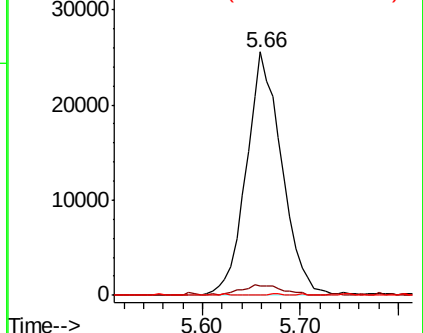
121 0.0 24.6 37.0#



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: 1.376 ug/l

RT: 7.91 min Scan# 1109

Delta R.T. 0.16 min

Lab File: VX006514.D

Acq: 14 Dec 2018 13:25

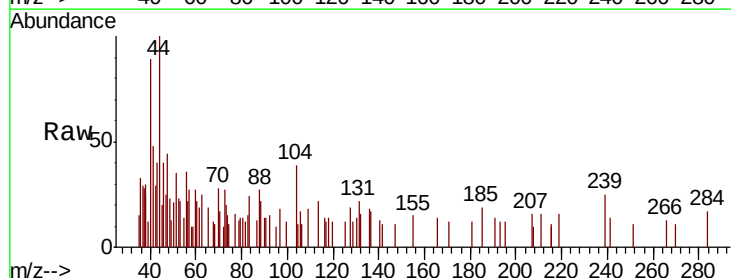
Tgt Ion: 88 Resp: 285

Ion Ratio Lower Upper

88 100

43 29.5 23.2 34.8

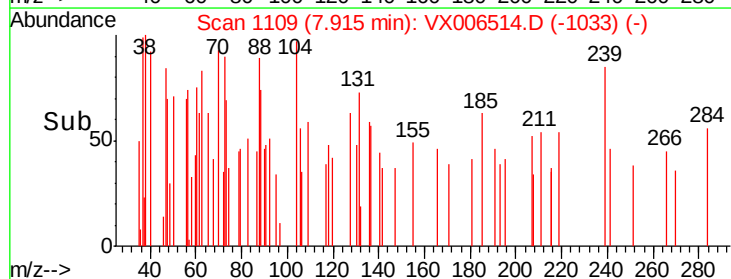
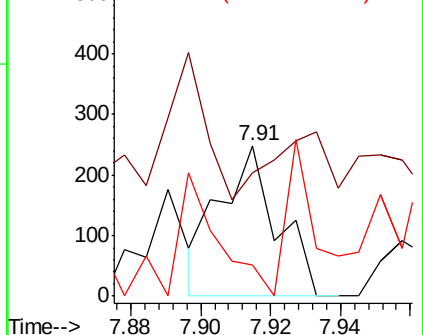
58 51.9 51.4 77.0

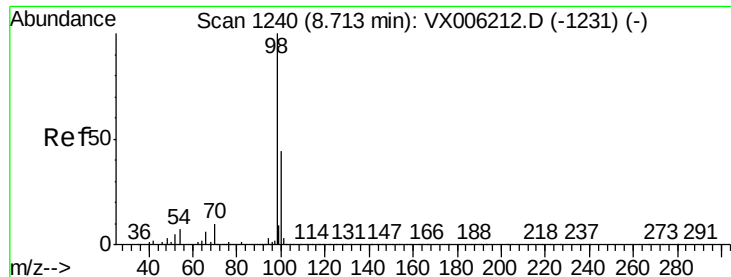


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

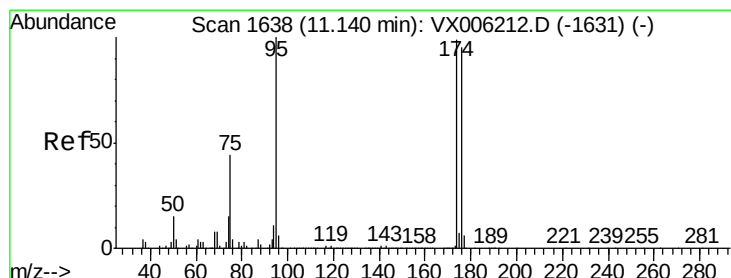
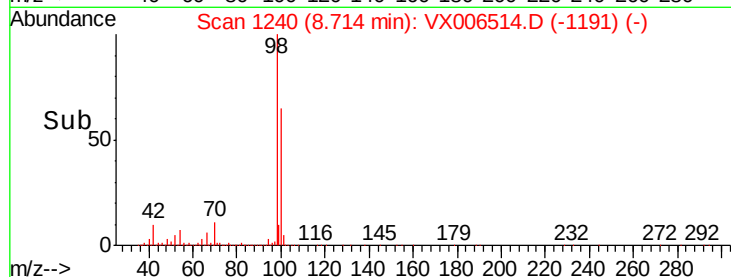
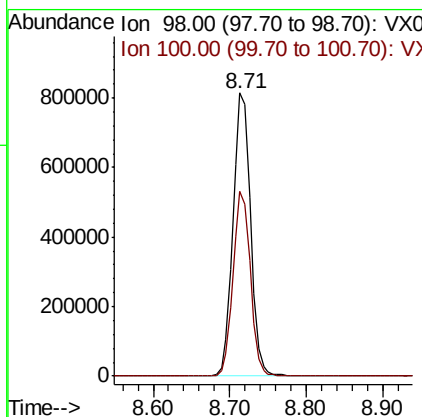
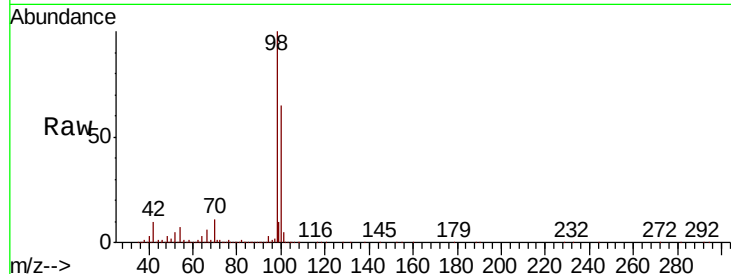




#50
Toluene-d8
Concen: 50.128 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006514.D
Acq: 14 Dec 2018 13:25

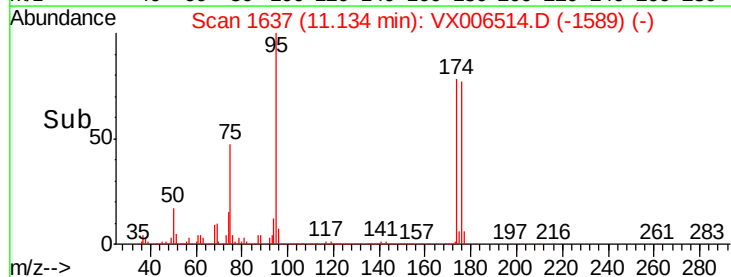
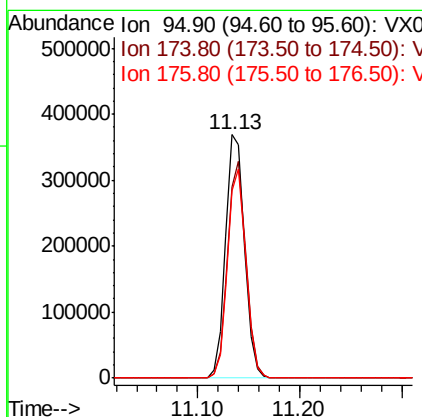
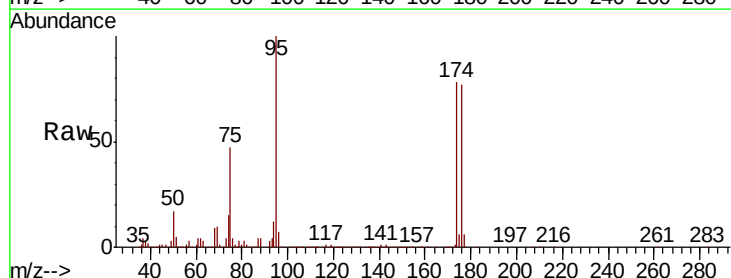
Instrument :
MSVOA_X
ClientSampleId :

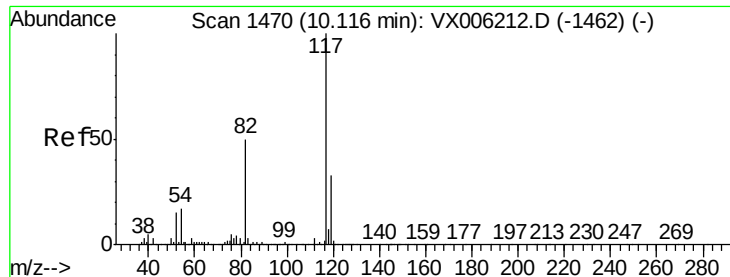
Tot Ion: 98 Resp: 1296955
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 48.814 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VX006514.D
Acq: 14 Dec 2018 13:25

Tgt Ion: 95 Resp: 475917
Ion Ratio Lower Upper
95 100
174 86.2 0.0 187.0
176 83.2 0.0 181.8

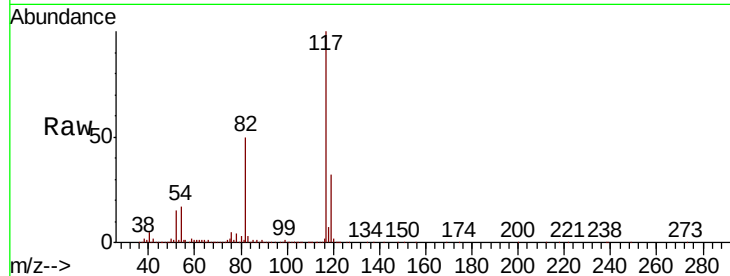




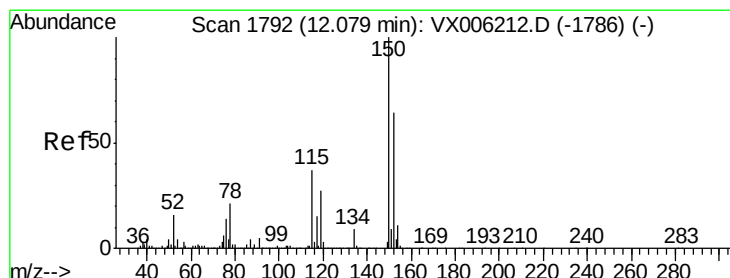
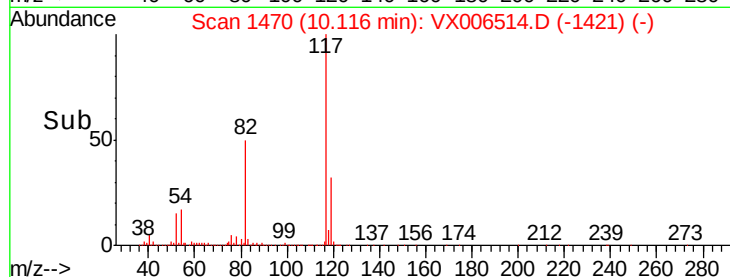
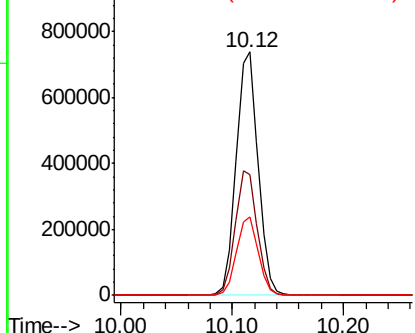
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006514.D
Acq: 14 Dec 2018 13:25

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 1003659
Ion Ratio Lower Upper
117 100
82 49.5 39.6 59.4
119 32.1 26.3 39.5

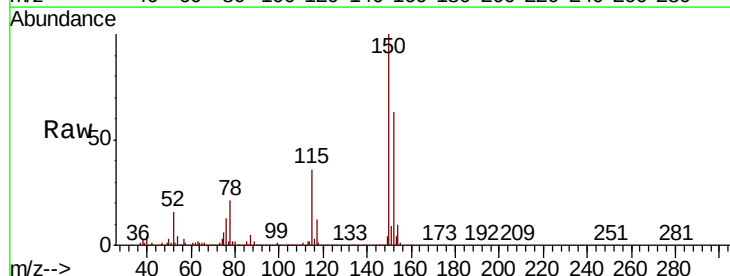


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

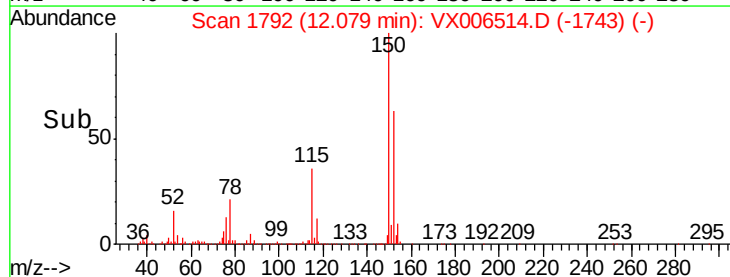
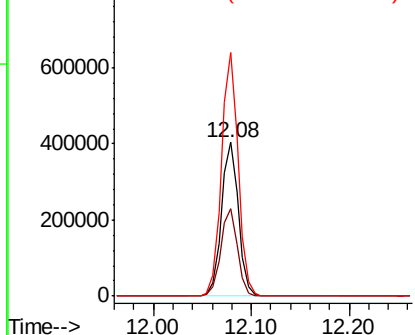


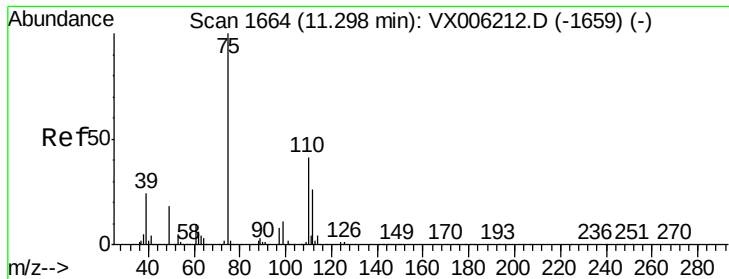
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006514.D
Acq: 14 Dec 2018 13:25

Tgt Ion:152 Resp: 483058
Ion Ratio Lower Upper
152 100
115 56.0 39.0 116.9
150 156.1 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: 23.554 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006514.D

Acq: 14 Dec 2018 13:25

Instrument :

MSVOA_X

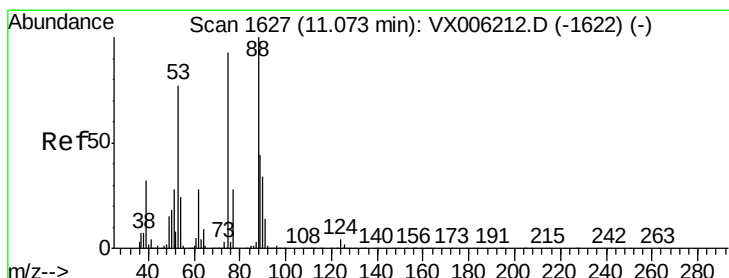
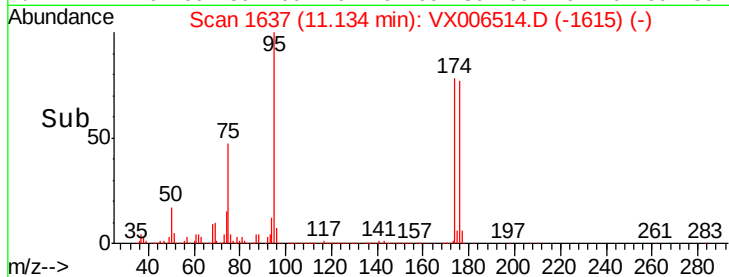
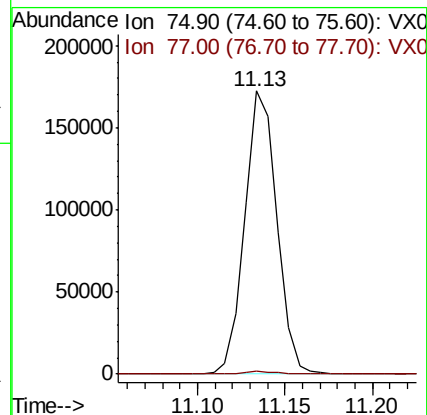
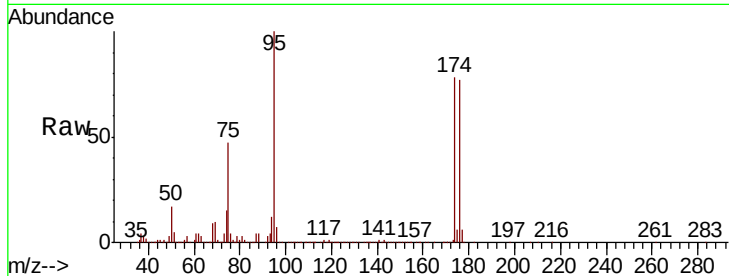
ClientSampleId :

Tot Ion: 75 Resp: 219614

Ion Ratio Lower Upper

75 100

77 1.2 19.9 59.7#



#81

trans-1,4-Dichloro-2-butene

Concen: 55.275 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006514.D

Acq: 14 Dec 2018 13:25

Tgt Ion: 75 Resp: 219614

Ion Ratio Lower Upper

75 100

53 0.1 64.4 96.6#

89 0.1 44.2 66.4#

