

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121718\
 Data File : VX006564.D
 Acq On : 17 Dec 2018 11:25
 Operator : JC/MD
 Sample : J6408-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 18 00:31:46 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	734026	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1138548	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1034876	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	498287	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	393174	52.47	ug/l	0.00
Spiked Amount			Recovery	=	104.94%	
35) Dibromofluoromethane	5.50	113	361616	49.05	ug/l	0.00
Spiked Amount			Recovery	=	98.10%	
50) Toluene-d8	8.71	98	1353504	50.48	ug/l	0.00
Spiked Amount			Recovery	=	100.96%	
62) 4-Bromofluorobenzene	11.13	95	495773	49.07	ug/l	0.00
Spiked Amount			Recovery	=	98.14%	

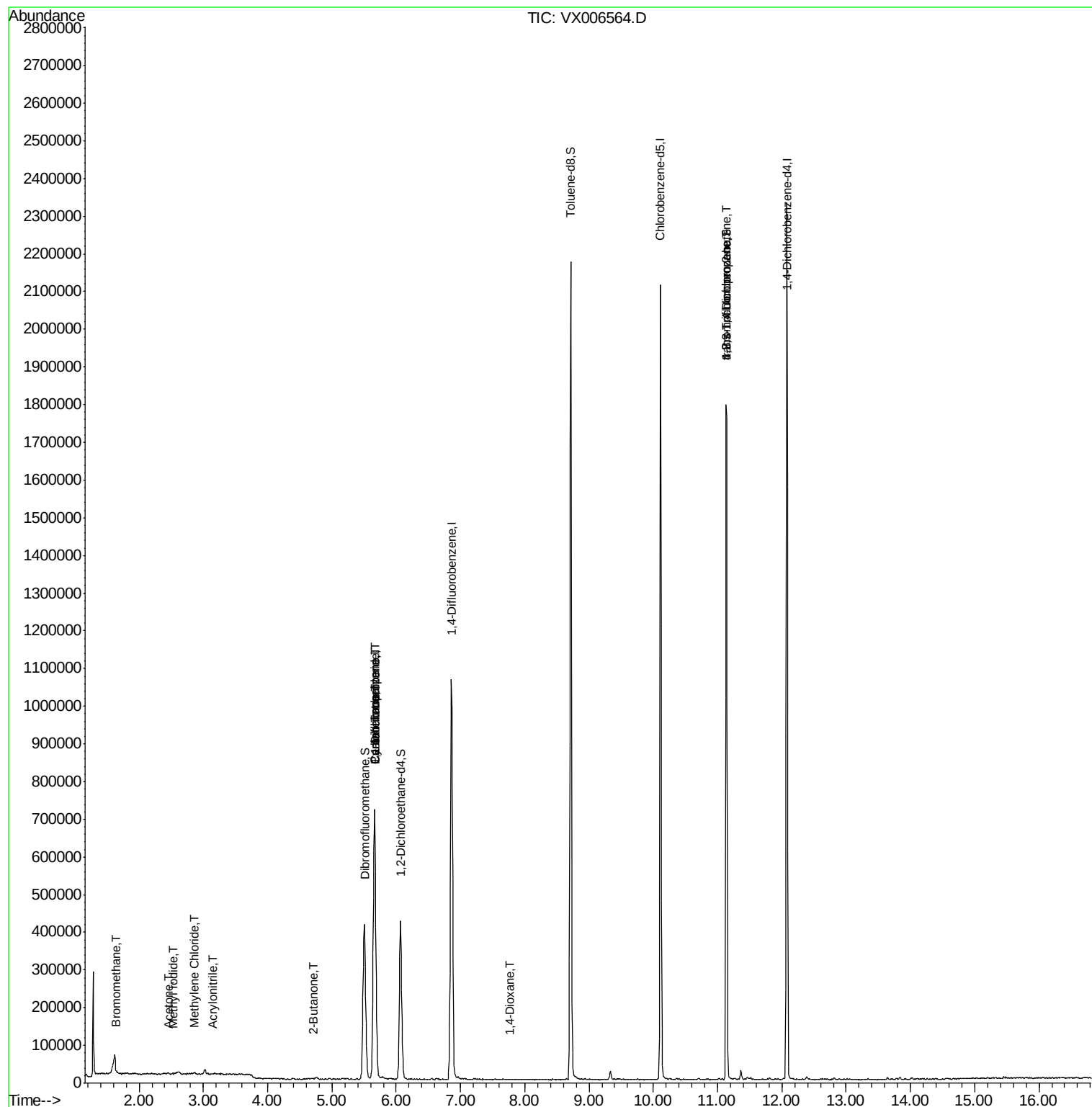
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	2578	0.468	ug/l	82
10) Methyl Iodide	2.53	142	2140	0.205	ug/l #	40
15) Acrylonitrile	3.15	53	1780	0.416	ug/l #	88
16) Acetone	2.45	43	4497	1.279	ug/l	96
20) Methylene Chloride	2.86	84	2918	0.390	ug/l #	82
25) 2-Butanone	4.71	43	1507	0.300	ug/l #	48
31) Cyclohexane	5.66	56	11316	1.045	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	48108	5.018	ug/l #	48
38) Carbon Tetrachloride	5.67	117	69106	6.127	ug/l #	16
49) 1,4-Dioxane	7.76	88	354	1.649	ug/l #	49
76) 1,2,3-Trichloropropane	11.13	75	230803	23.998	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.13	75	230803	56.316	ug/l #	15

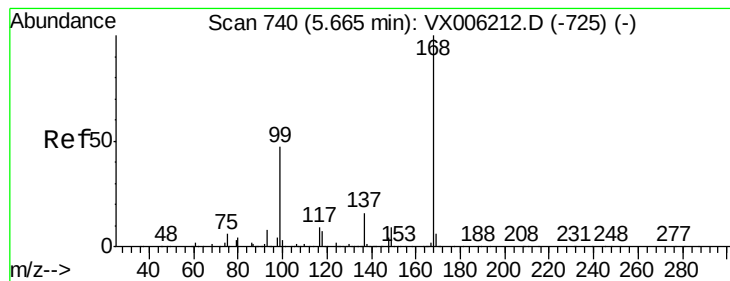
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121718\
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Quant Time: Dec 18 00:31:46 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# 740

Delta R.T. -0.00 min

Lab File: VX006564.D

Acq: 17 Dec 2018 11:25

Instrument :

MSVOA_X

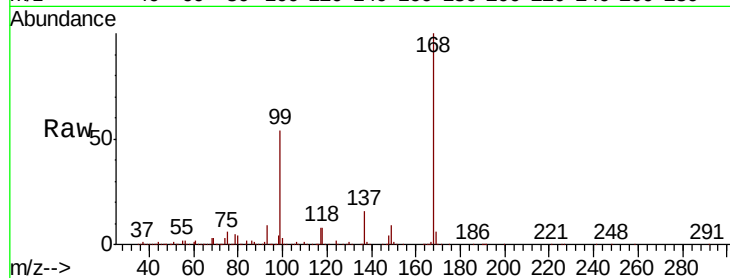
ClientSampleId :

Tot Ion:168 Resp: 734026

Ion Ratio Lower Upper

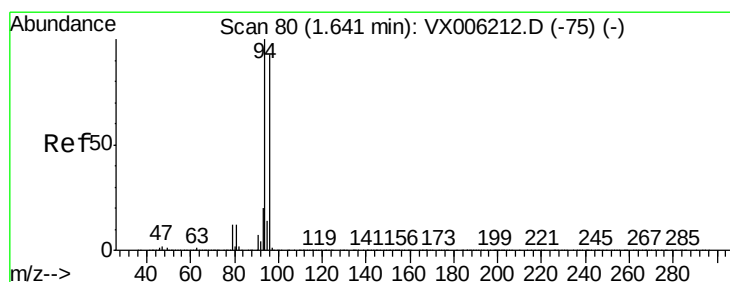
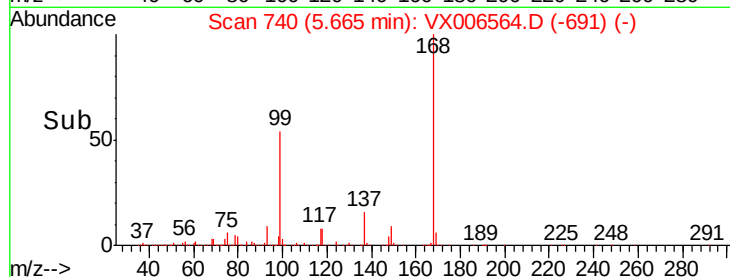
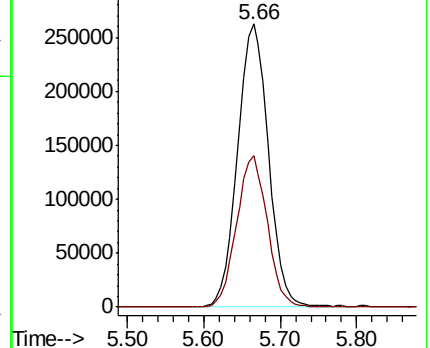
168 100

99 53.6 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: 0.468 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX006564.D

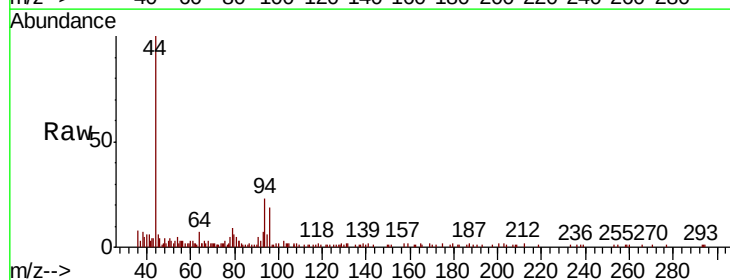
Acq: 17 Dec 2018 11:25

Tgt Ion: 94 Resp: 2578

Ion Ratio Lower Upper

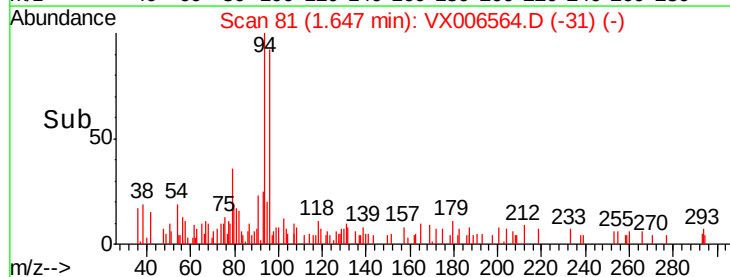
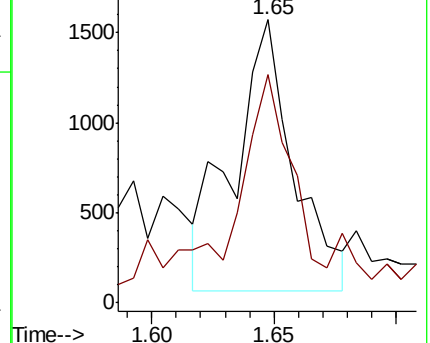
94 100

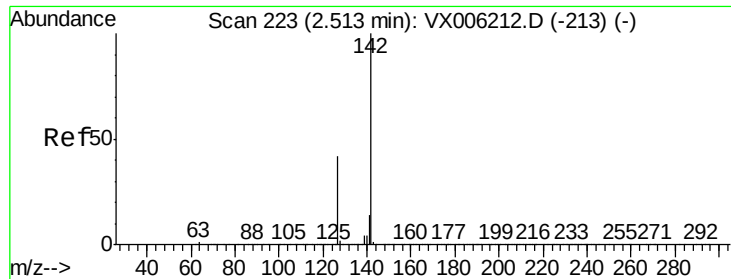
96 75.7 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

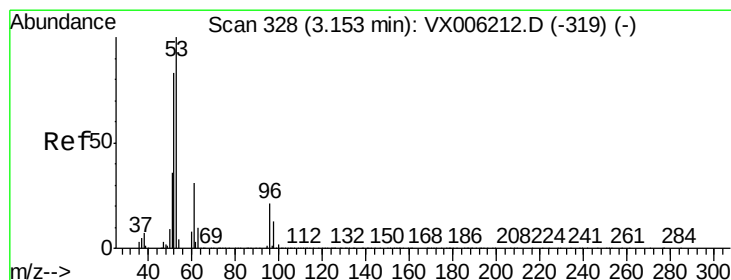
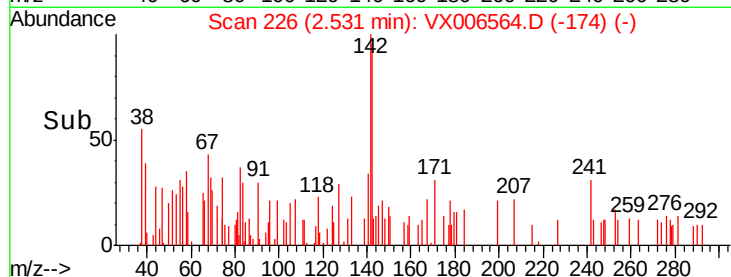
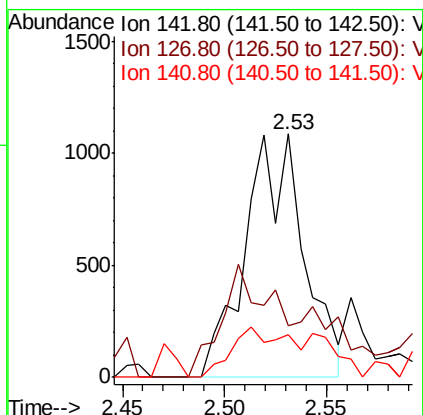
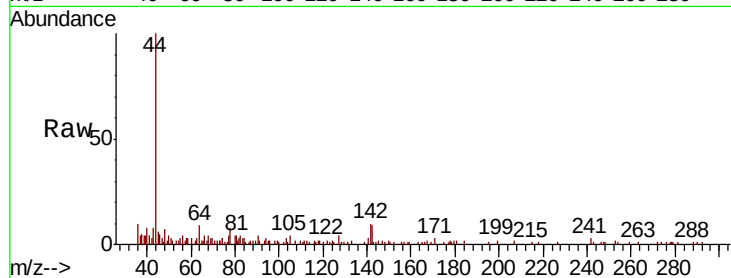




#10
Methvl Iodide
Concen: 0.205 ug/l
RT: 2.53 min Scan# 226
Delta R.T. 0.02 min
Lab File: VX006564.D
Acq: 17 Dec 2018 11:25

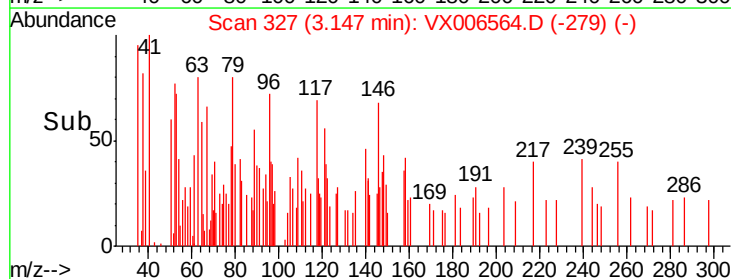
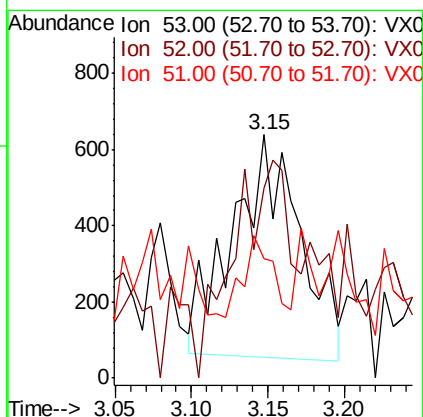
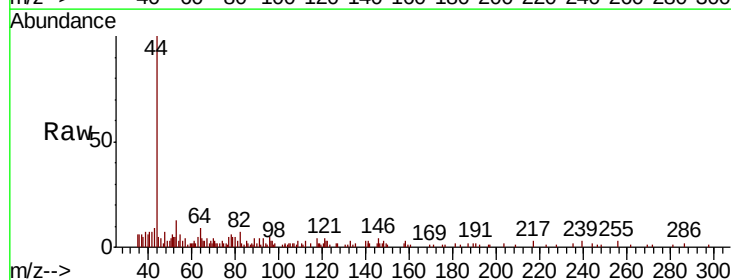
Instrument :
MSVOA_X
ClientSampled :

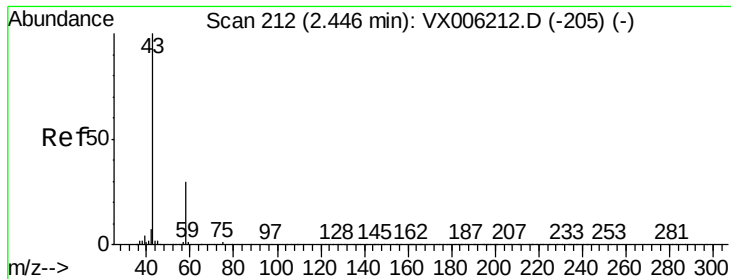
Tot Ion:142 Resp: 2140
Ion Ratio Lower Upper
142 100
127 0.0 34.8 52.2#
141 0.0 11.4 17.2#



#15
Acrylonitrile
Concen: 0.416 ug/l
RT: 3.15 min Scan# 327
Delta R.T. -0.01 min
Lab File: VX006564.D
Acq: 17 Dec 2018 11:25

Tgt Ion: 53 Resp: 1780
Ion Ratio Lower Upper
53 100
52 84.6 66.2 99.4
51 15.8 28.7 43.1#





#16

Acetone

Concen: 1.279 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006564.D

Acq: 17 Dec 2018 11:25

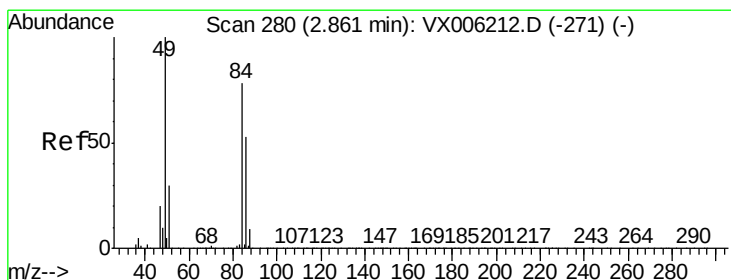
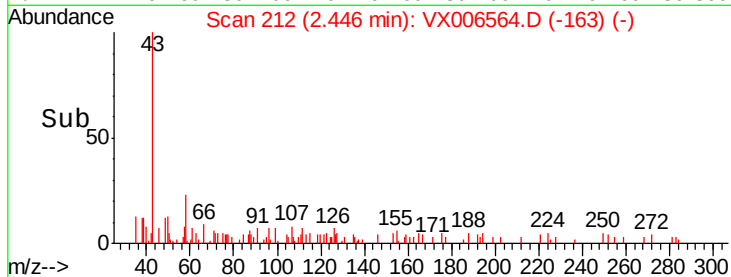
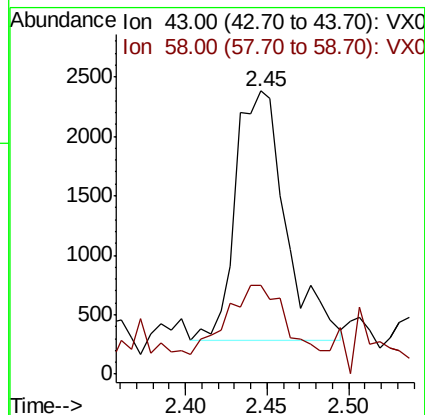
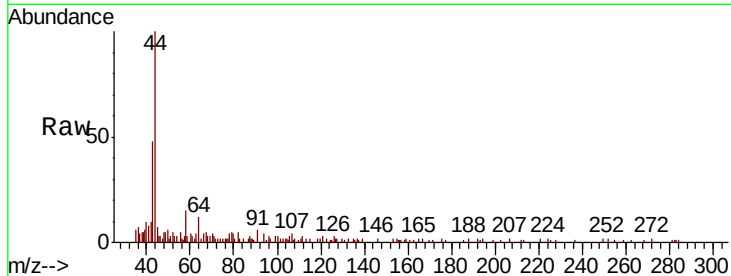
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 4497

Ion Ratio Lower Upper

43 100

58 27.6 24.0 36.0



#20

Methylene Chloride

Concen: 0.390 ug/l

RT: 2.86 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX006564.D

Acq: 17 Dec 2018 11:25

Tgt Ion: 84 Resp: 2918

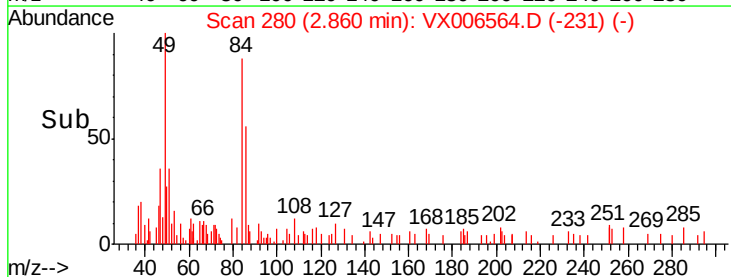
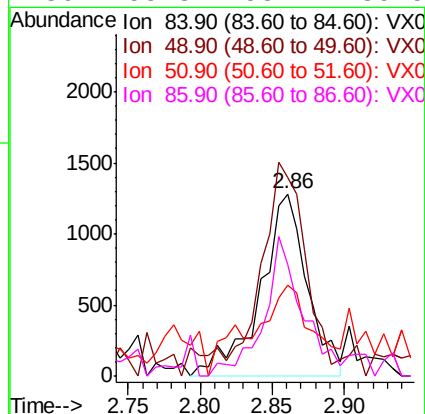
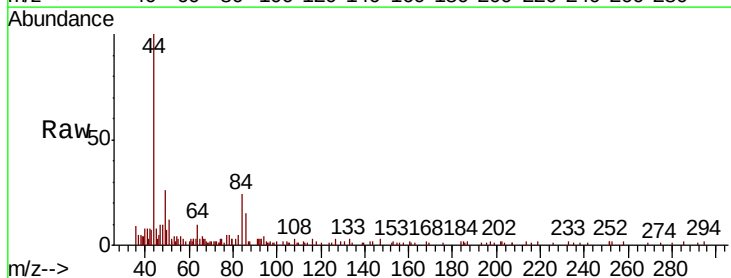
Ion Ratio Lower Upper

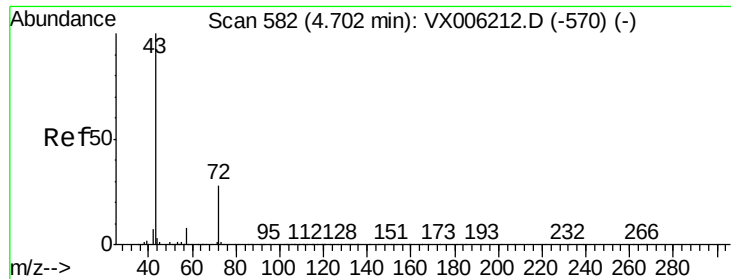
84 100

49 99.8 102.2 153.4#

51 35.3 31.1 46.7

86 55.8 53.7 80.5





#25

2-Butanone

Concen: 0.300 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX006564.D

Acq: 17 Dec 2018 11:25

Instrument :

MSVOA_X

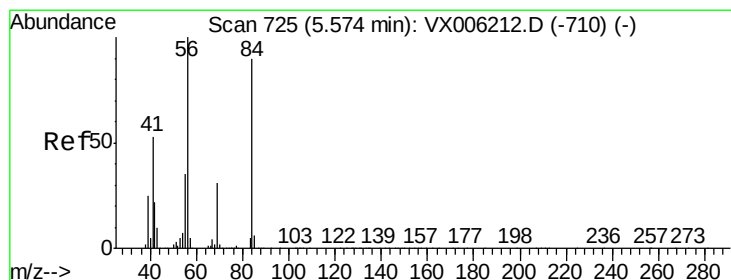
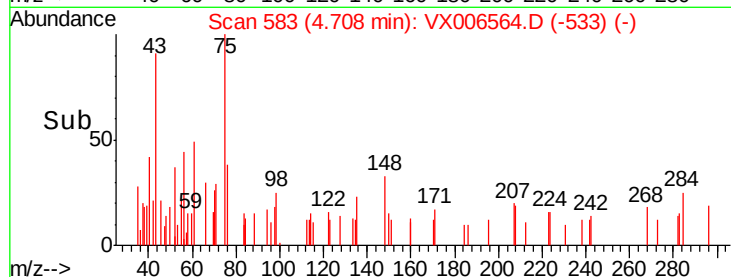
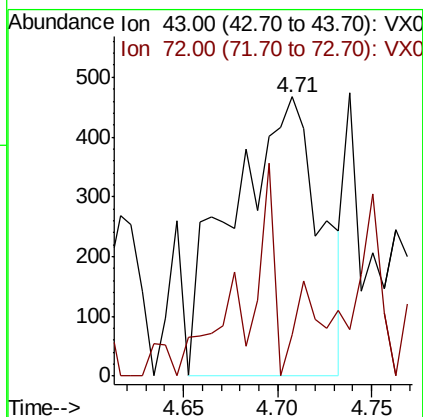
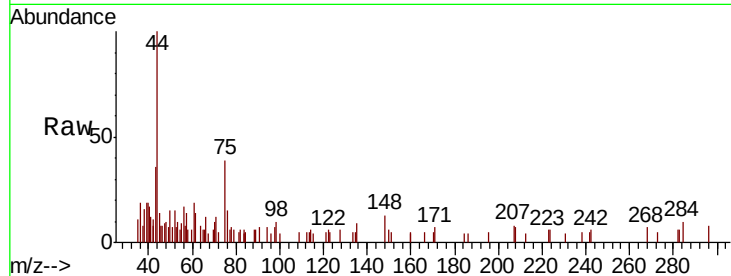
ClientSampled :

Tot Ion: 43 Resp: 1507

Ion Ratio Lower Upper

43 100

72 0.6 22.6 33.8#



#31

Cyclohexane

Concen: 1.045 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.09 min

Lab File: VX006564.D

Acq: 17 Dec 2018 11:25

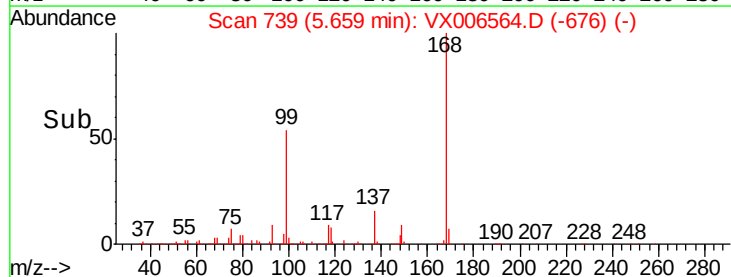
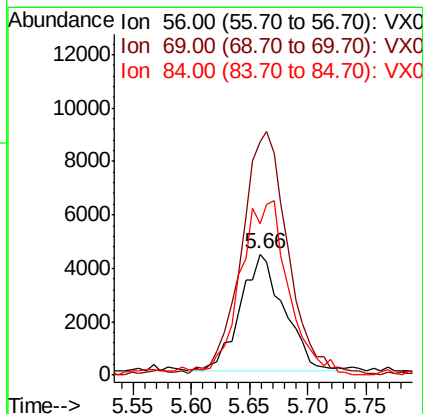
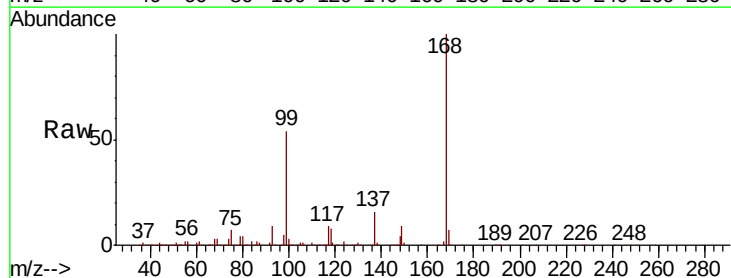
Tgt Ion: 56 Resp: 11316

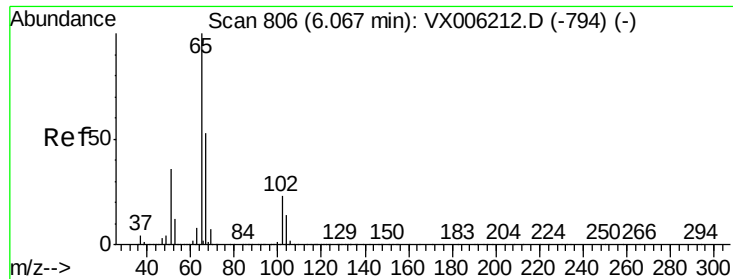
Ion Ratio Lower Upper

56 100

69 198.3 24.5 36.7#

84 125.4 71.8 107.6#

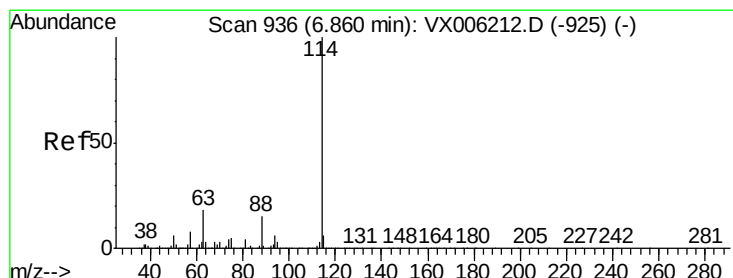
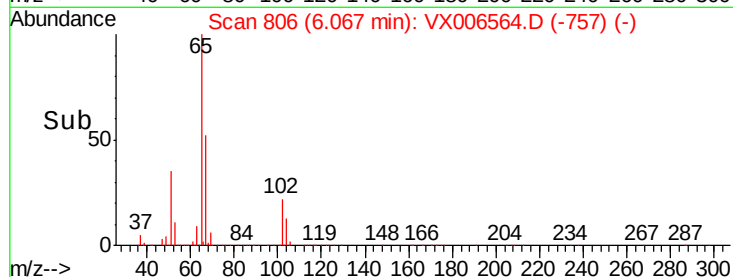
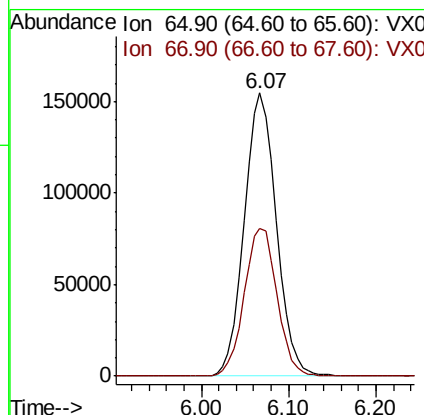
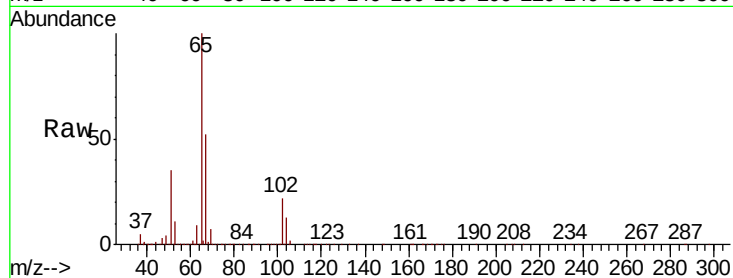




#33
 1,2-Dichloroethane-d4
 Concen: 52.471 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX006564.D
 Acq: 17 Dec 2018 11:25

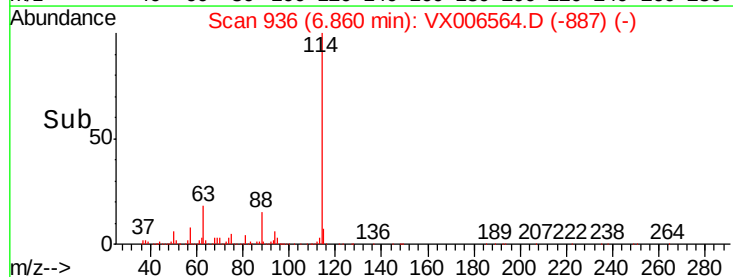
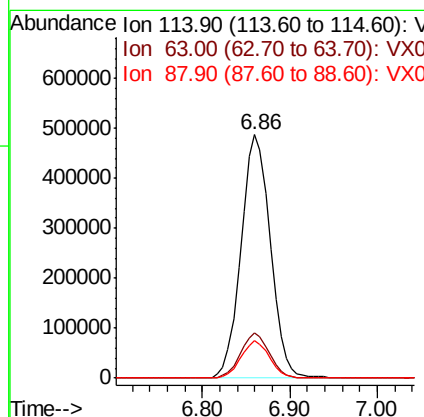
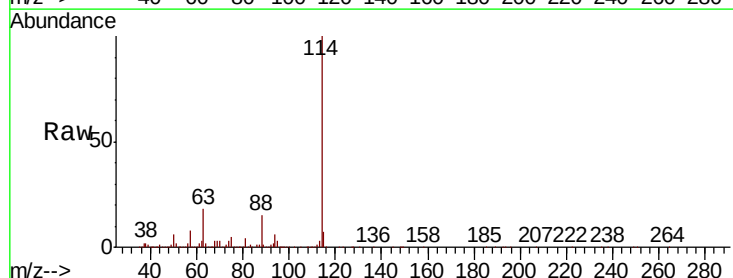
Instrument :
 MSVOA_X
 ClientSampleId :

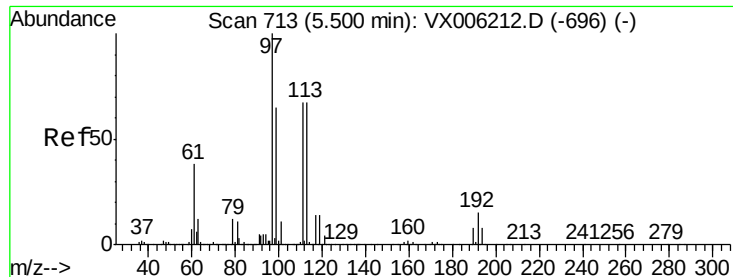
Tot Ion: 65 Resp: 393174
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006564.D
 Acq: 17 Dec 2018 11:25

Tgt Ion: 114 Resp: 1138548
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 36.6
 88 15.1 0.0 29.0





#35

Dibromofluoromethane

Concen: 49.055 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006564.D

Acq: 17 Dec 2018 11:25

Instrument :
MSVOA_X
ClientSampleId :

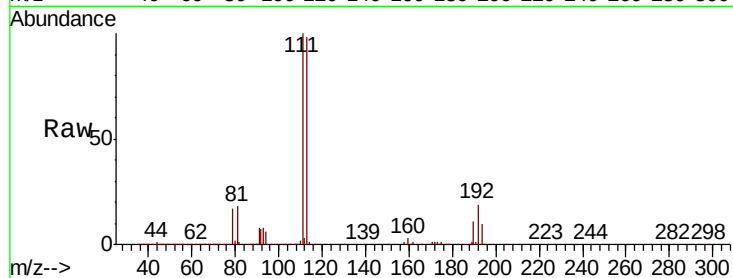
Tot Ion:113 Resp: 361616

Ion Ratio Lower Upper

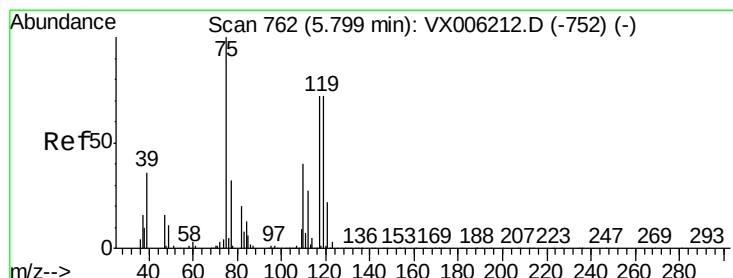
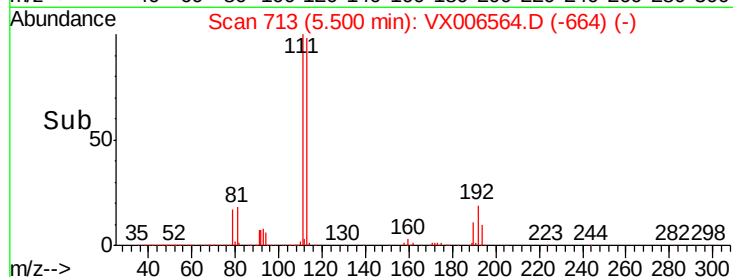
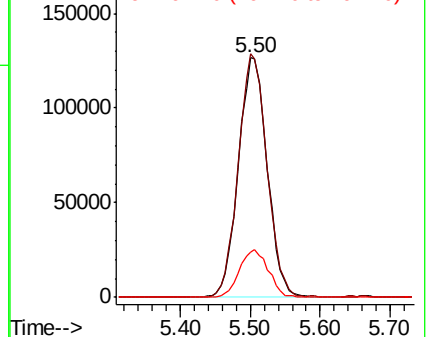
113 100

111 101.1 81.1 121.7

192 20.1 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: 5.018 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX006564.D

Acq: 17 Dec 2018 11:25

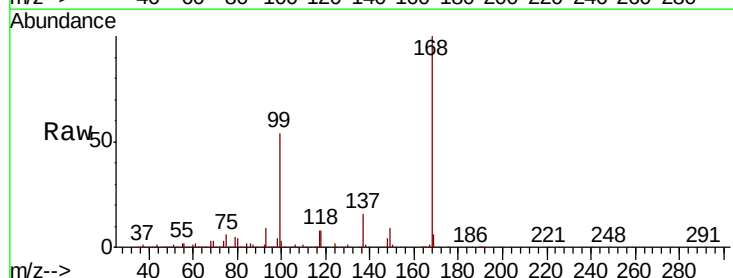
Tgt Ion: 75 Resp: 48108

Ion Ratio Lower Upper

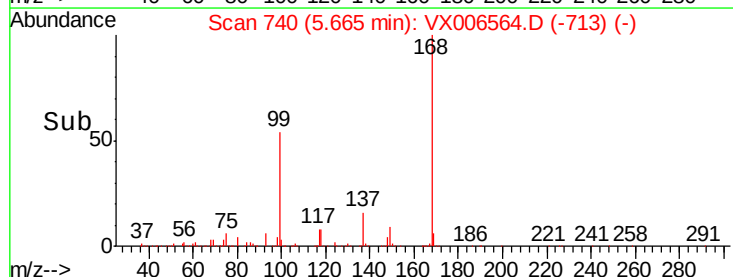
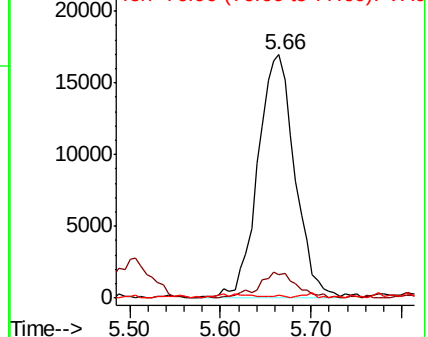
75 100

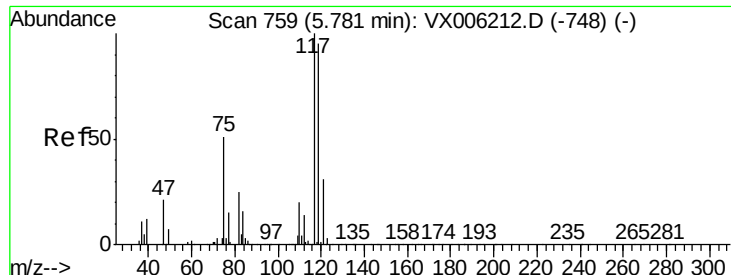
110 10.9 20.4 61.3#

77 0.0 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: 6.127 ug/l

RT: 5.67 min Scan# 741

Delta R.T. -0.11 min

Lab File: VX006564.D

Acq: 17 Dec 2018 11:25

Instrument :
MSVOA_X
ClientSampleId :

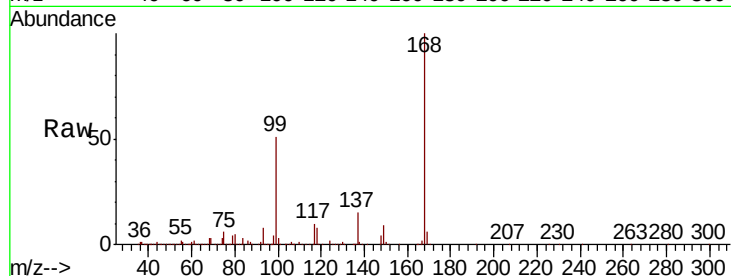
Tot Ion:117 Resp: 69106

Ion Ratio Lower Upper

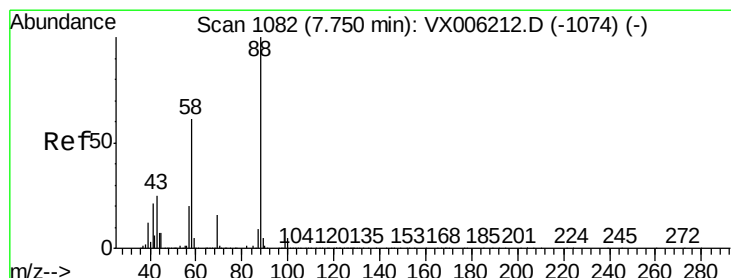
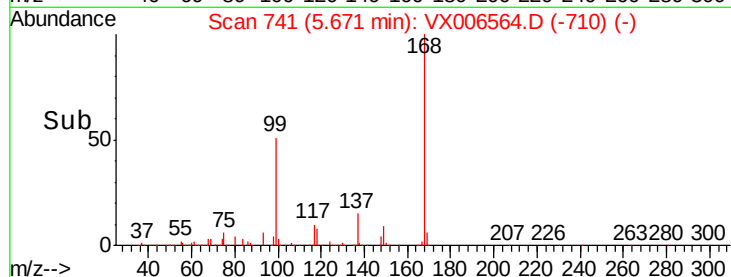
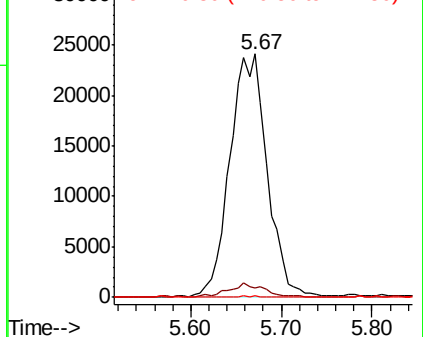
117 100

119 3.8 75.8 113.8#

121 0.5 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: 1.649 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. 0.01 min

Lab File: VX006564.D

Acq: 17 Dec 2018 11:25

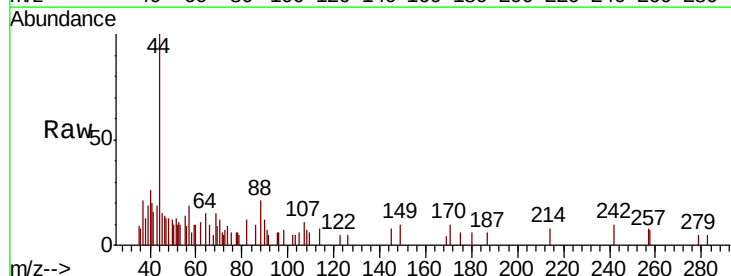
Tgt Ion: 88 Resp: 354

Ion Ratio Lower Upper

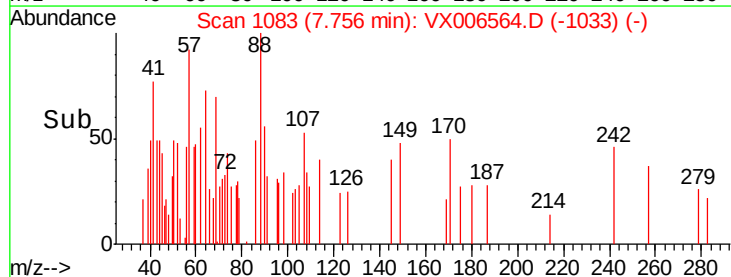
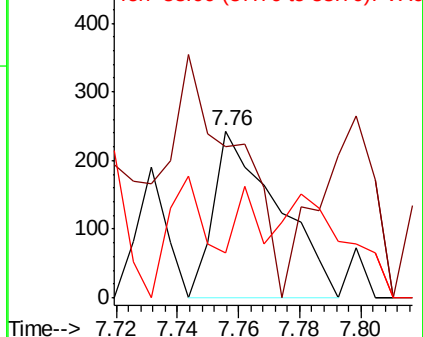
88 100

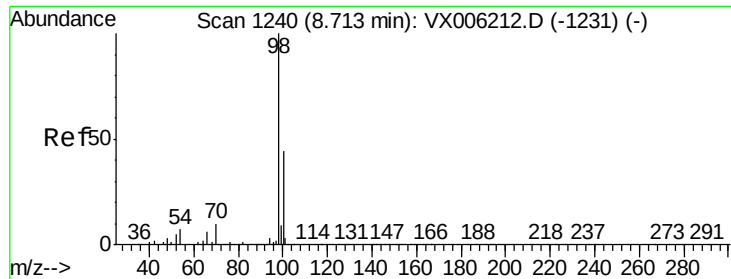
43 0.0 23.2 34.8#

58 24.9 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

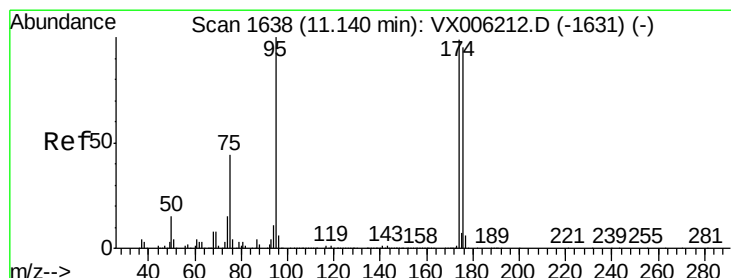
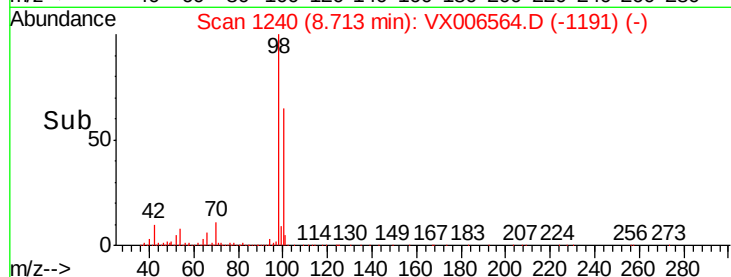
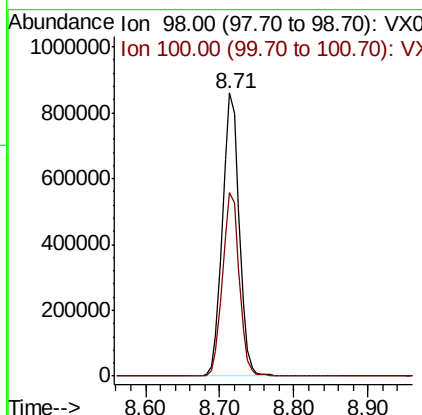
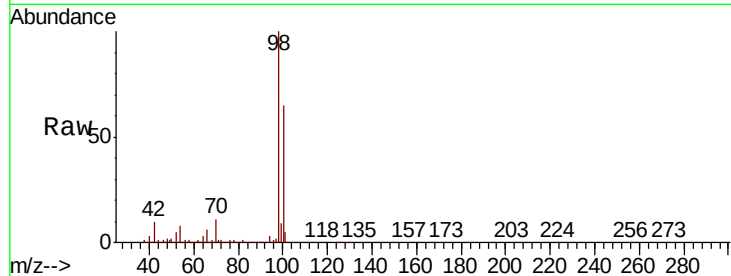




#50
Toluene-d8
Concen: 50.478 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006564.D
Acq: 17 Dec 2018 11:25

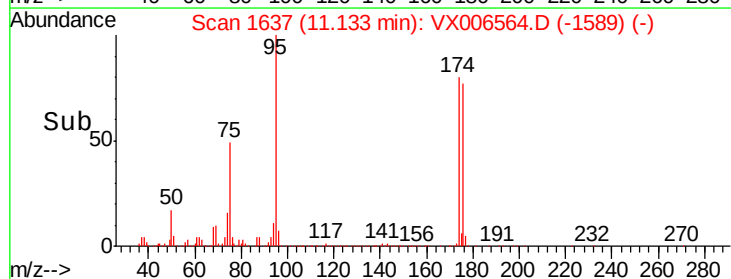
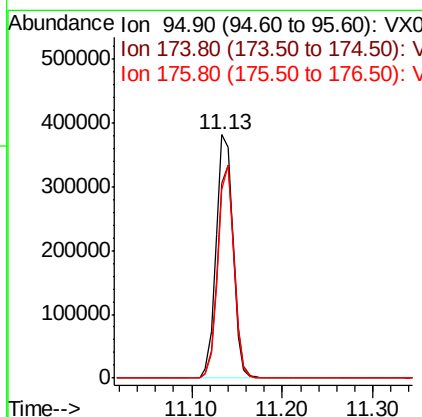
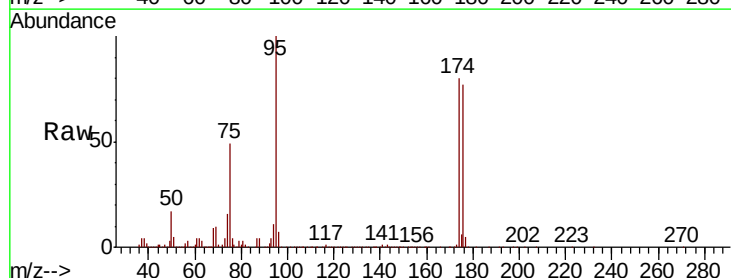
Instrument :
MSVOA_X
ClientSampleId :

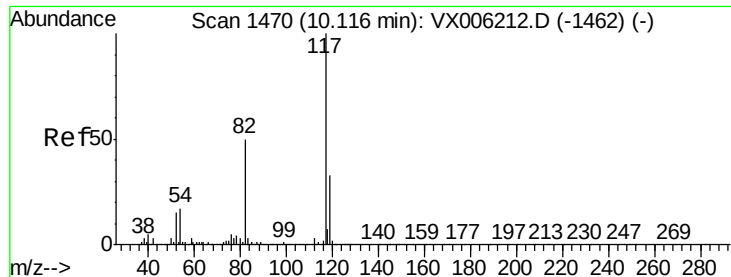
Tot Ion: 98 Resp: 1353504
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 49.066 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VX006564.D
Acq: 17 Dec 2018 11:25

Tgt Ion: 95 Resp: 495773
Ion Ratio Lower Upper
95 100
174 85.9 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: VX006564.D

Acq: 17 Dec 2018 11:25

Instrument :

MSVOA_X

ClientSampled :

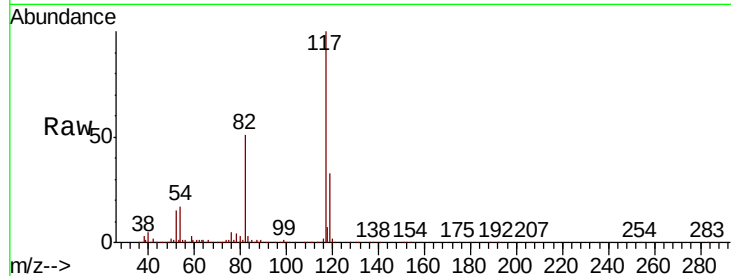
Tot Ion:117 Resp: 1034876

Ion Ratio Lower Upper

117 100

82 51.0 39.6 59.4

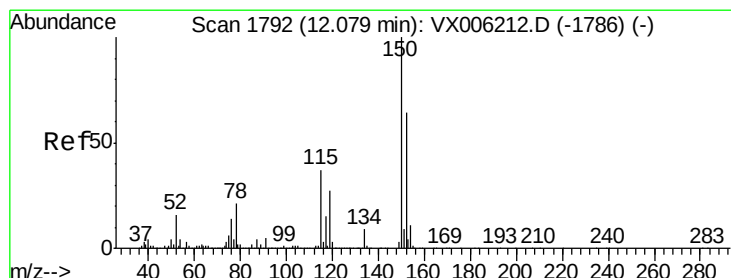
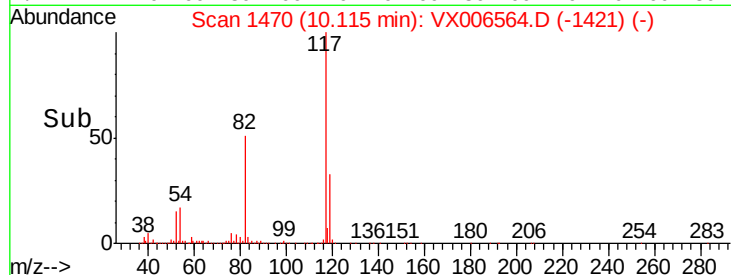
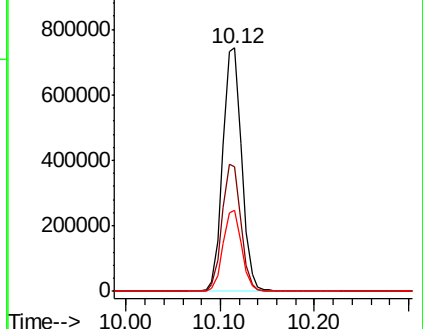
119 33.1 26.3 39.5



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: VX006564.D

Acq: 17 Dec 2018 11:25

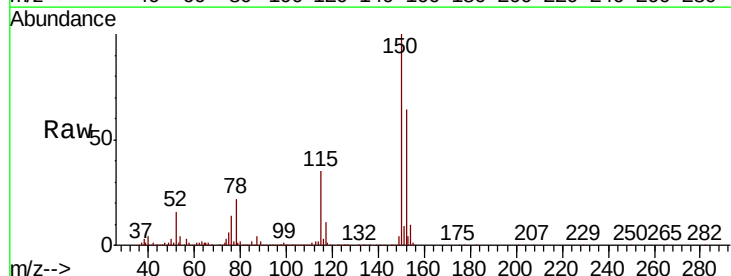
Tgt Ion:152 Resp: 498287

Ion Ratio Lower Upper

152 100

115 56.2 39.0 116.9

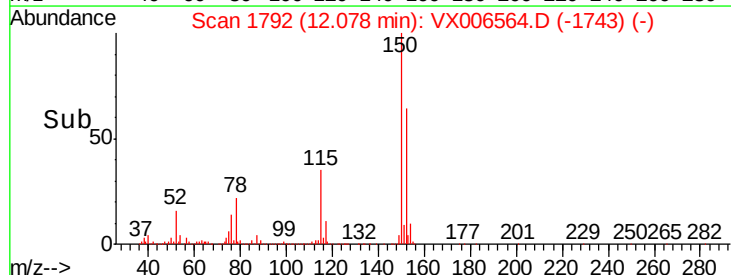
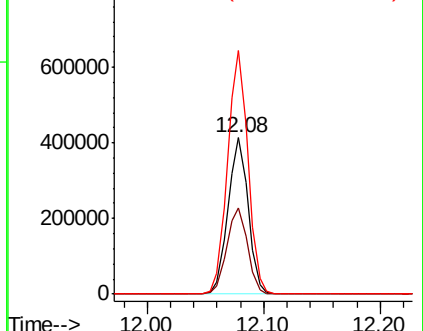
150 156.8 0.0 345.8

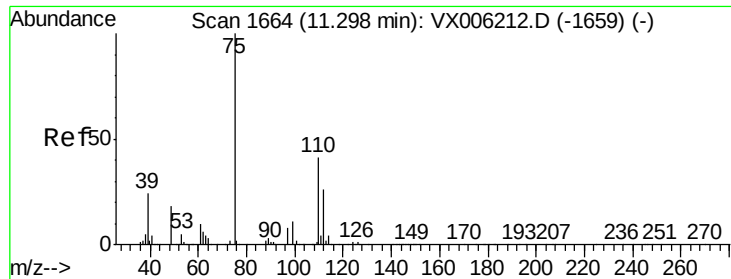


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

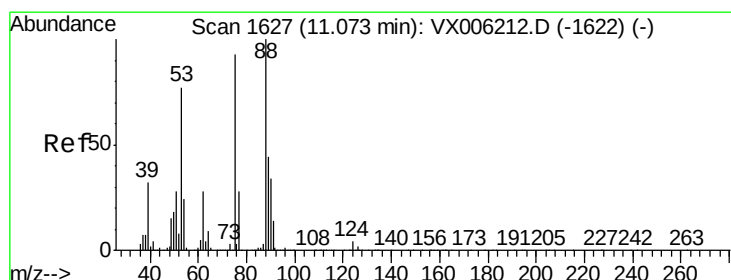
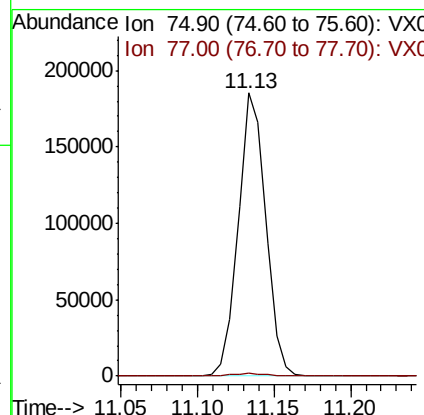
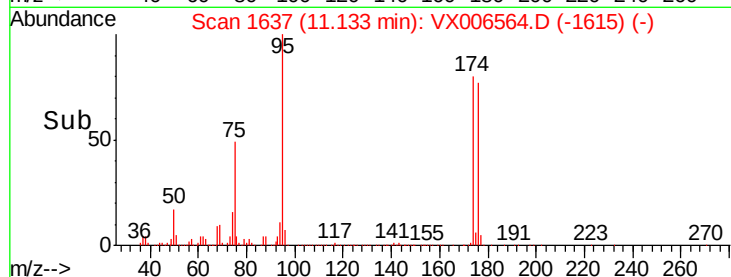
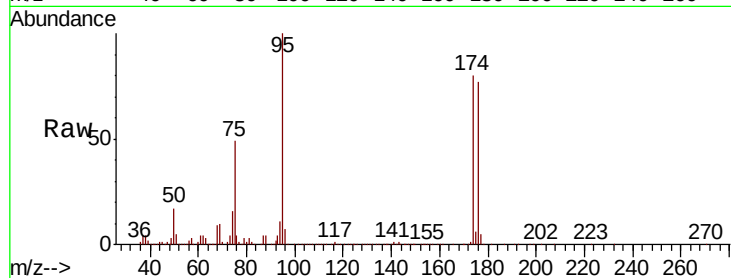




#76
 1,2,3-Trichloropropane
 Concen: 23.998 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX006564.D
 Acq: 17 Dec 2018 11:25

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 230803
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.9 59.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 56.316 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX006564.D
 Acq: 17 Dec 2018 11:25

Tgt Ion: 75 Resp: 230803
 Ion Ratio Lower Upper
 75 100
 53 0.0 64.4 96.6#
 89 0.0 44.2 66.4#

