

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX010319\
 Data File : VX006885.D
 Acq On : 03 Jan 2019 10:59
 Operator : JC/MD
 Sample : VX0103WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0103WBL01

Quant Time: Jan 04 00:17:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

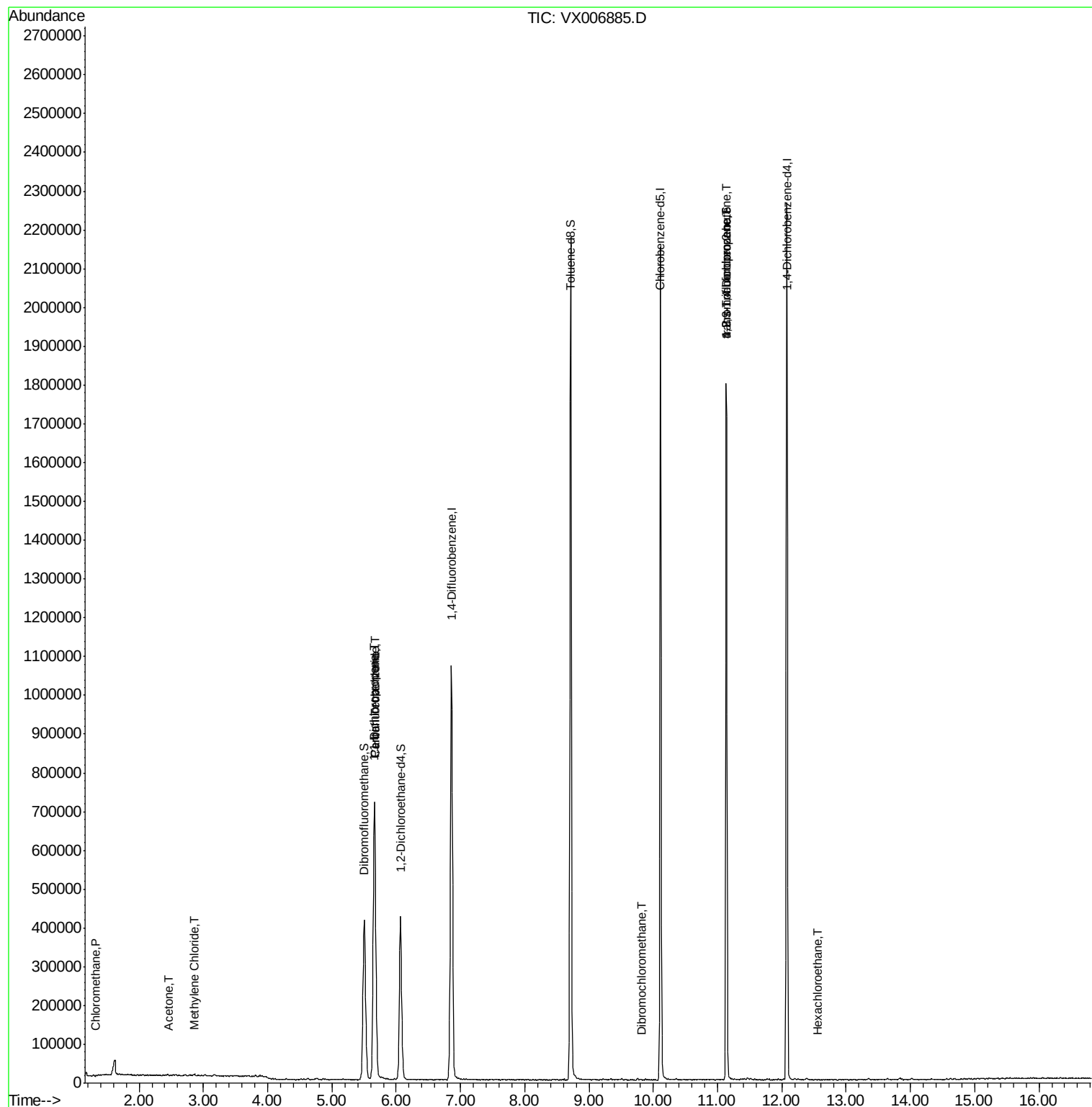
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	758982	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1146257	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1017995	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	499324	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	388570	47.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.00%	
35) Dibromofluoromethane	5.51	113	352329	48.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.22%	
50) Toluene-d8	8.71	98	1330691	48.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.38%	
62) 4-Bromofluorobenzene	11.13	95	471916	47.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.30%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.34	50	1663	0.222 ug/l	#	49
5) Bromomethane	1.65	94	1277	Below Cal		92
16) Acetone	2.46	43	851	0.226 ug/l		90
20) Methylene Chloride	2.85	84	3050	0.392 ug/l	#	89
28) Bromochloromethane	5.02	49	519	Below Cal	#	40
36) 1,1-Dichloropropene	5.65	75	48342	5.092 ug/l	#	48
38) Carbon Tetrachloride	5.66	117	67872	7.356 ug/l	#	15
49) 1,4-Dioxane	7.75	88	378	Below Cal	#	45
60) Dibromochloromethane	9.82	129	23	2.327 ug/l		80
76) 1,2,3-Trichloropropane	11.13	75	222400	23.967 ug/l	#	40
81) trans-1,4-Dichloro-2-buten	11.13	75	222400	70.996 ug/l	#	10
90) Hexachloroethane	12.55	117	52	3.303 ug/l		74

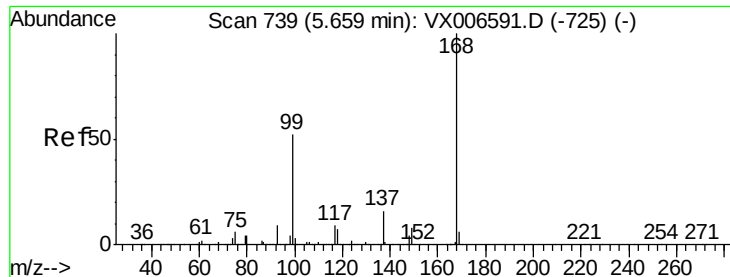
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX010319\
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0103WBL01

Quant Time: Jan 04 00:17:56 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006885.D

Acq: 03 Jan 2019 10:59

Instrument :

MSVOA_X

ClientSampleId :

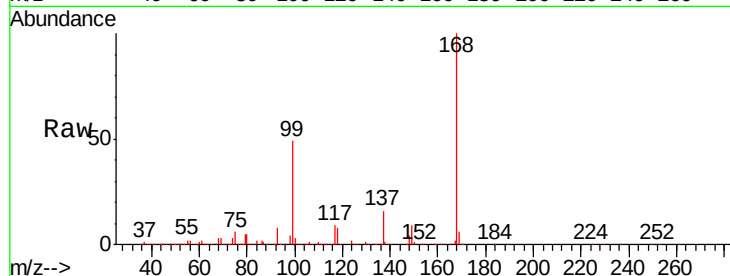
VX0103WBL01

Tgt Ion:168 Resp: 758982

Ion Ratio Lower Upper

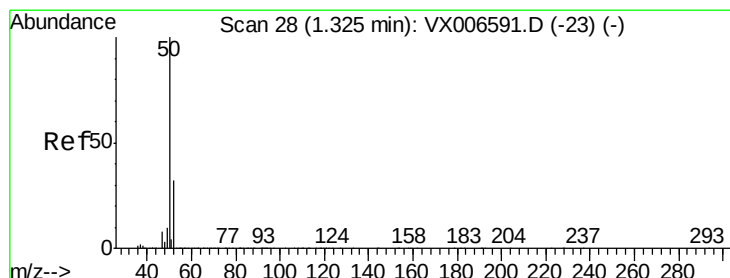
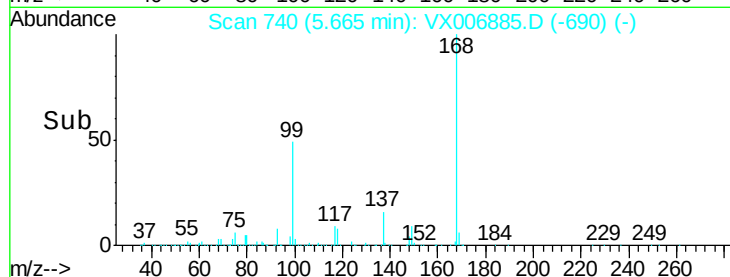
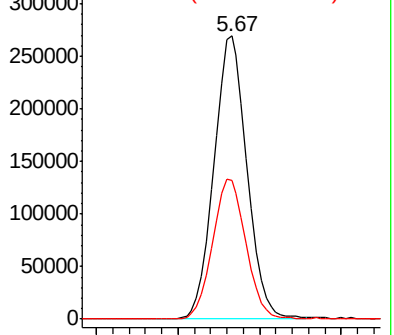
168 100

99 48.9 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.222 ug/l

RT: 1.34 min Scan# 30

Delta R.T. 0.01 min

Lab File: VX006885.D

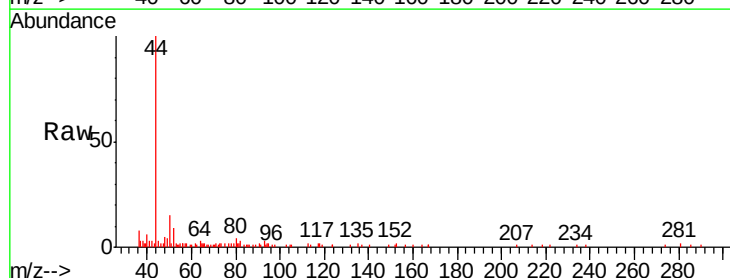
Acq: 03 Jan 2019 10:59

Tgt Ion: 50 Resp: 1663

Ion Ratio Lower Upper

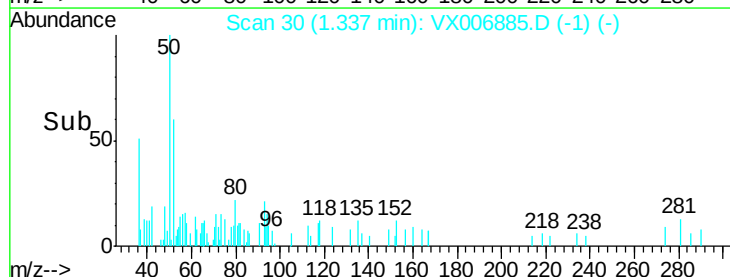
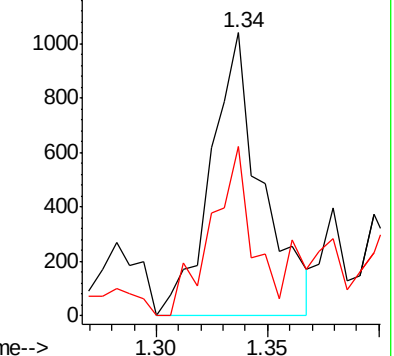
50 100

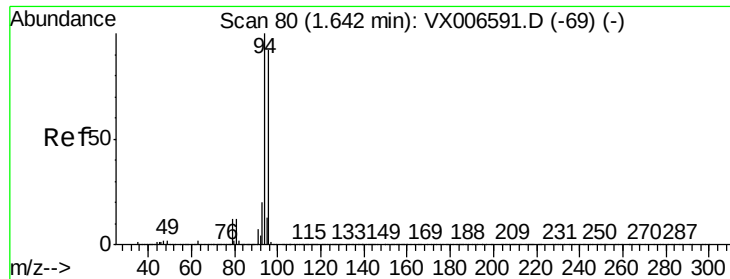
52 60.0 25.4 38.2#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 82

Delta R.T. 0.01 min

Lab File: VX006885.D

Acq: 03 Jan 2019 10:59

Instrument :

MSVOA_X

ClientSampleId :

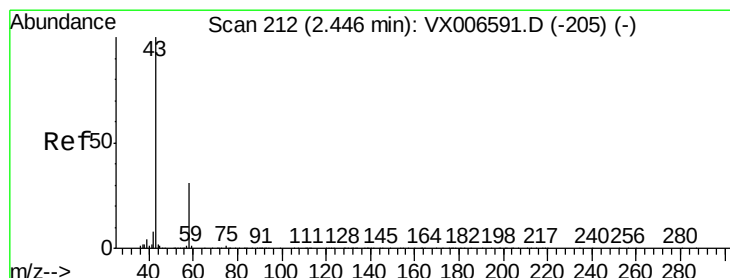
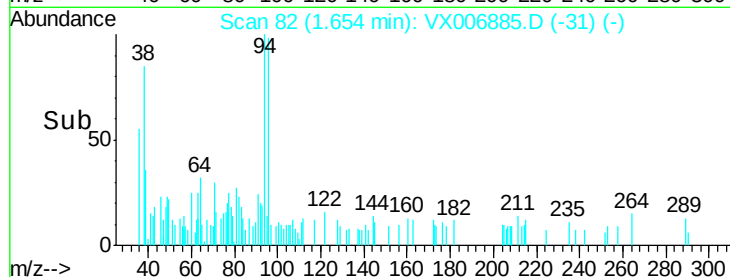
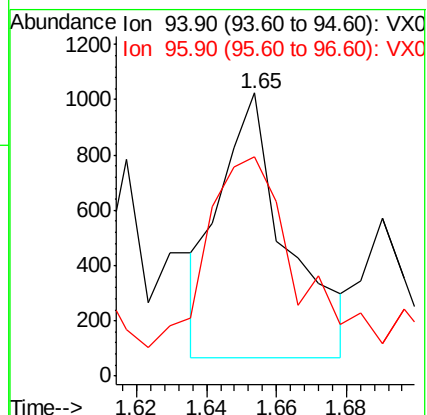
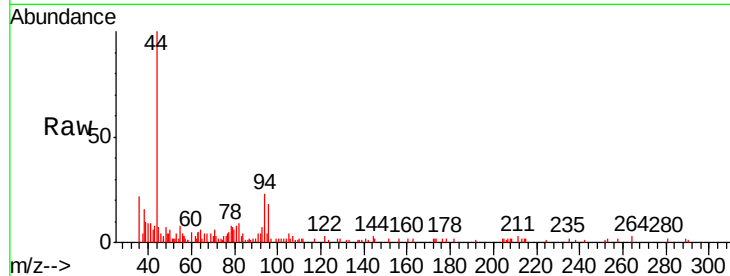
VX0103WBL01

Tgt Ion: 94 Resp: 1277

Ion Ratio Lower Upper

94 100

96 83.7 73.4 110.2



#16

Acetone

Concen: 0.226 ug/l

RT: 2.46 min Scan# 215

Delta R.T. 0.02 min

Lab File: VX006885.D

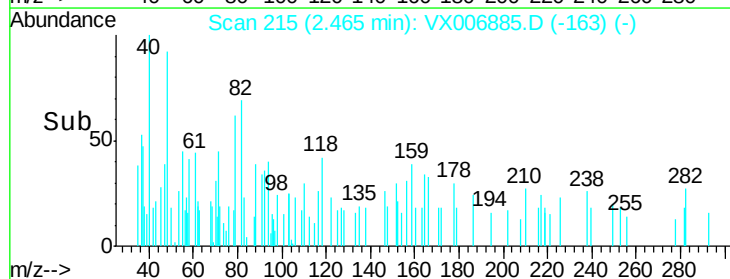
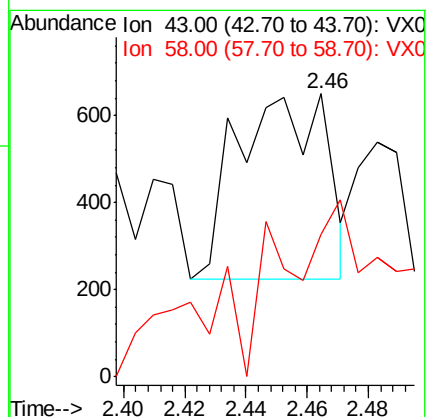
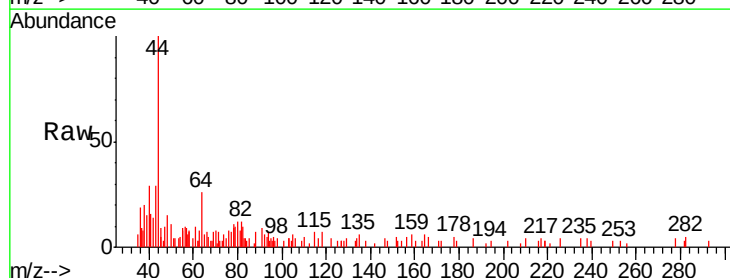
Acq: 03 Jan 2019 10:59

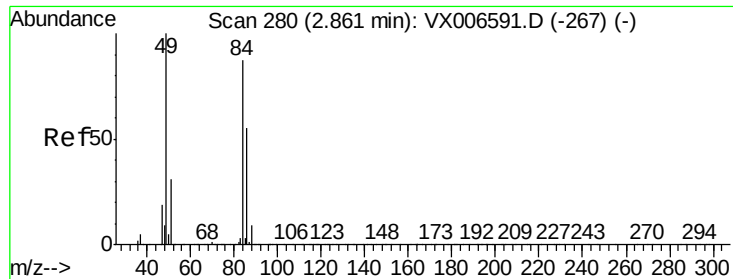
Tgt Ion: 43 Resp: 851

Ion Ratio Lower Upper

43 100

58 37.1 25.0 37.6

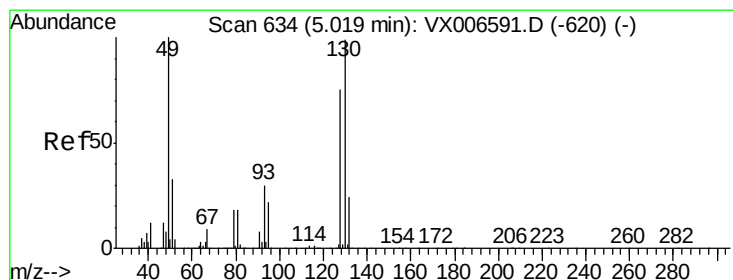
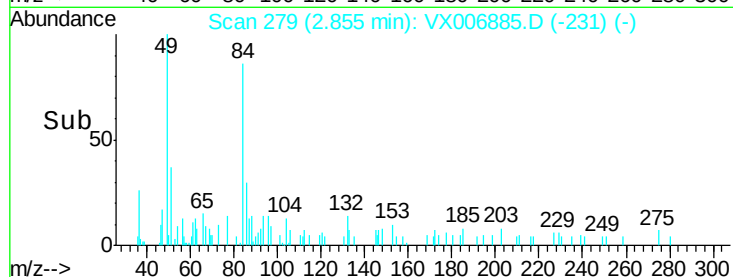
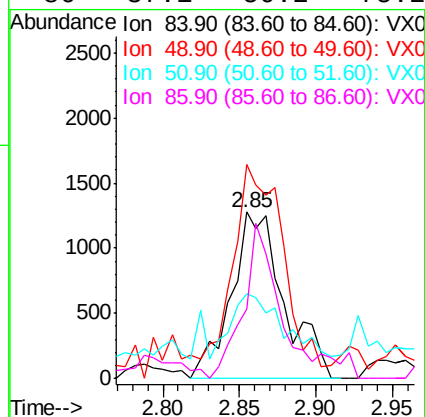
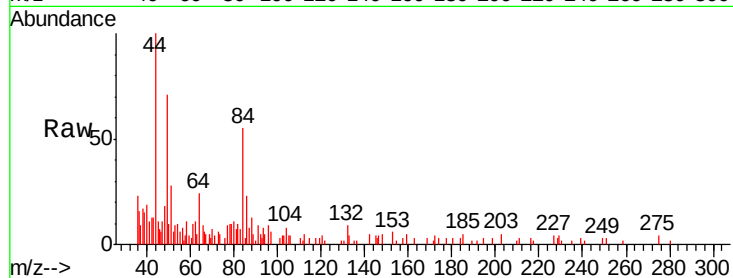




#20
Methylene Chloride
Concen: 0.392 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX006885.D
Acq: 03 Jan 2019 10:59

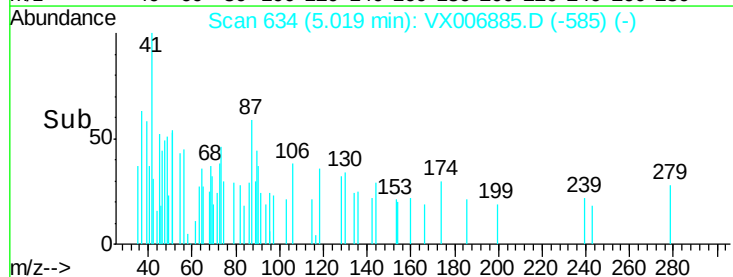
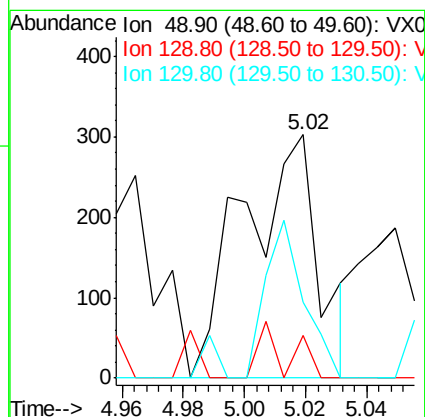
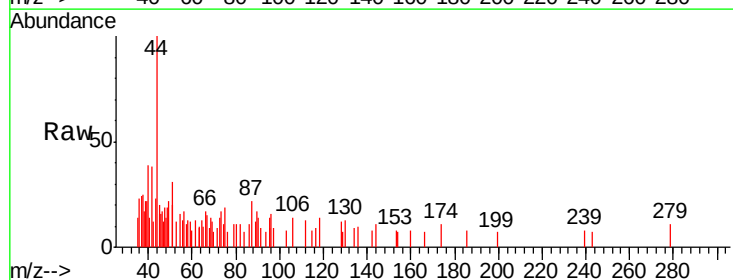
Instrument :
MSVOA_X
ClientSampled :
VX0103WBL01

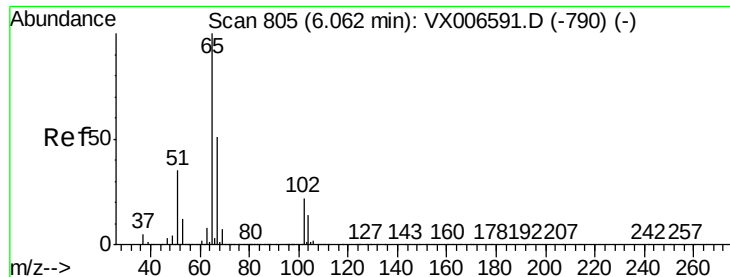
Tgt Ion: 84 Resp: 3050
Ion Ratio Lower Upper
84 100
49 115.9 91.8 137.6
51 39.3 28.5 42.7
86 37.1 50.2 75.2#



#28
Bromochloromethane
Concen: Below Cal
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006885.D
Acq: 03 Jan 2019 10:59

Tgt Ion: 49 Resp: 519
Ion Ratio Lower Upper
49 100
129 8.7 0.0 5.4#
130 37.2 77.7 116.5#

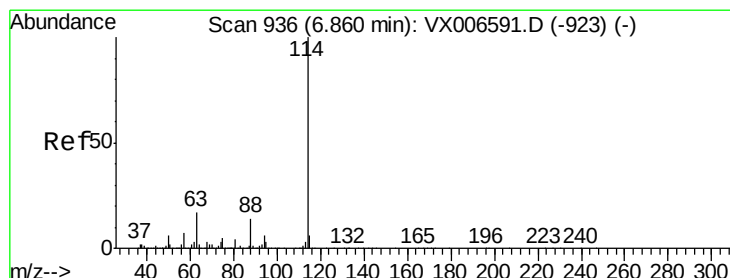
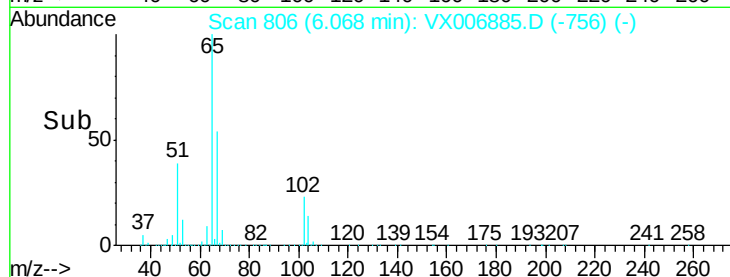
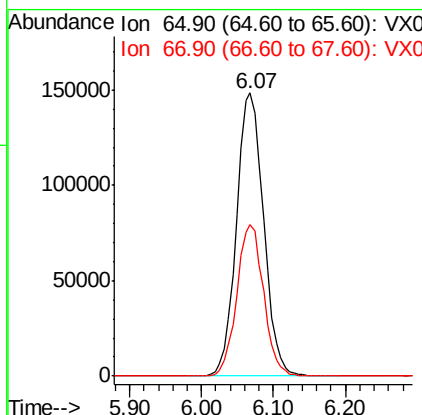
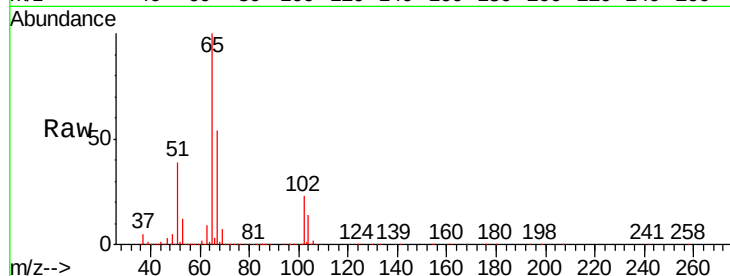




#33
 1,2-Dichloroethane-d4
 Concen: 47.503 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: VX006885.D
 Acq: 03 Jan 2019 10:59

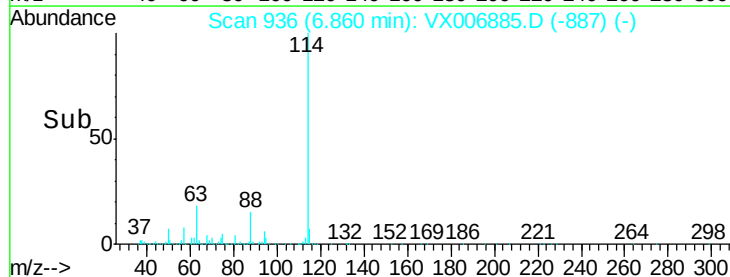
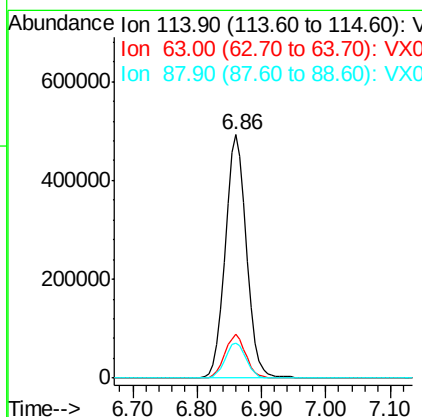
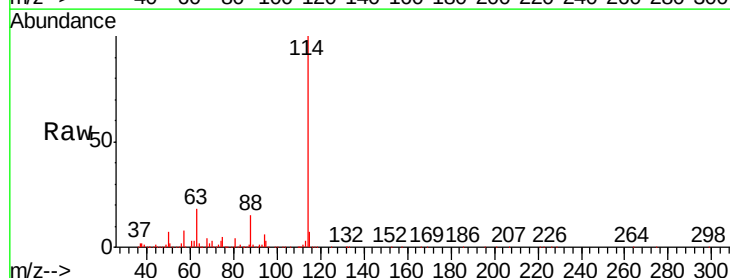
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0103WBL01

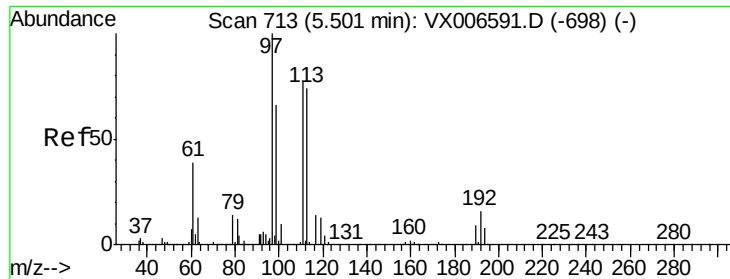
Tgt Ion: 65 Resp: 388570
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006885.D
 Acq: 03 Jan 2019 10:59

Tgt Ion: 114 Resp: 1146257
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 34.8
 88 14.5 0.0 28.8





#35

Dibromofluoromethane

Concen: 48.606 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006885.D

Acq: 03 Jan 2019 10:59

Instrument :

MSVOA_X

ClientSampleId :

VX0103WBL01

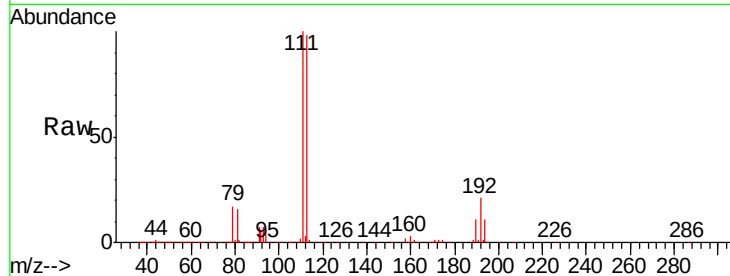
Tgt Ion:113 Resp: 352329

Ion Ratio Lower Upper

113 100

111 101.8 81.6 122.4

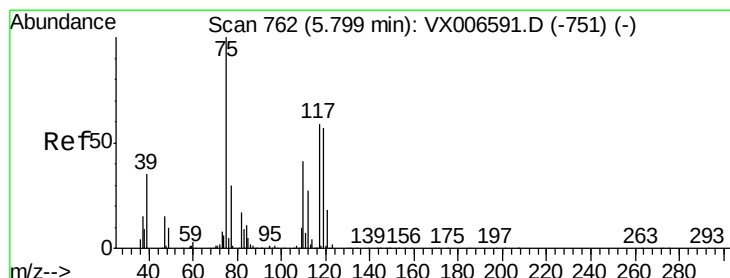
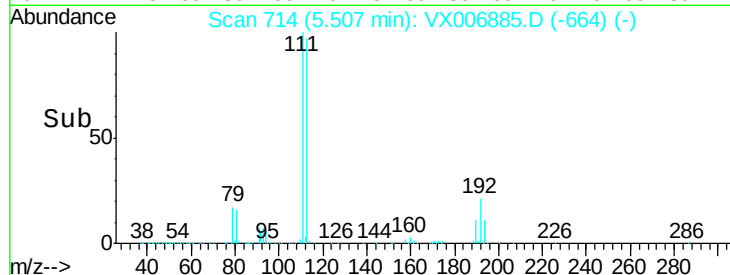
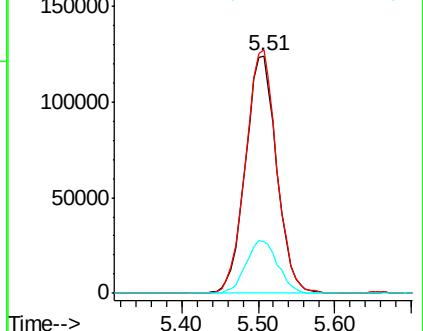
192 22.6 16.7 25.1



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: 5.092 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.15 min

Lab File: VX006885.D

Acq: 03 Jan 2019 10:59

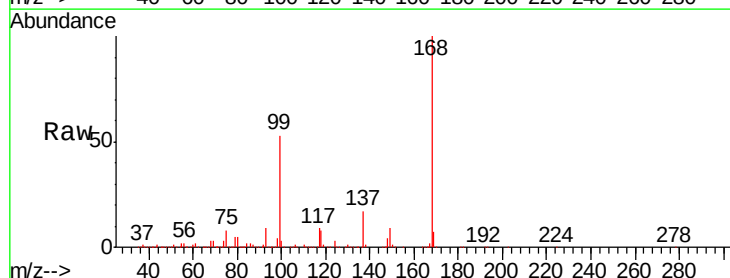
Tgt Ion: 75 Resp: 48342

Ion Ratio Lower Upper

75 100

110 10.2 20.2 60.5#

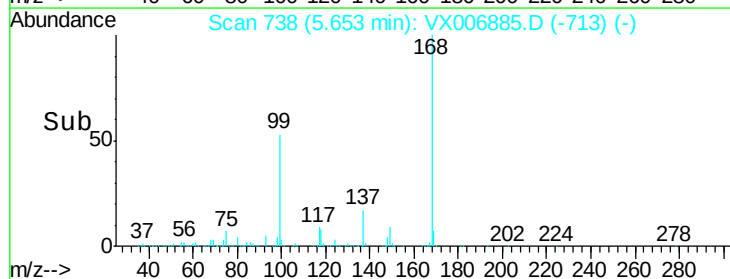
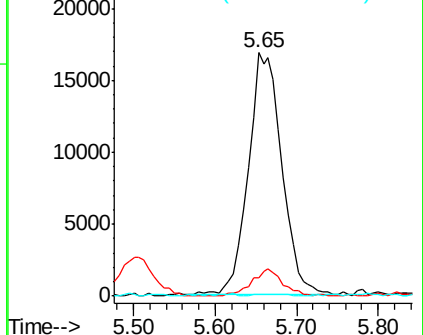
77 0.1 24.8 37.2#

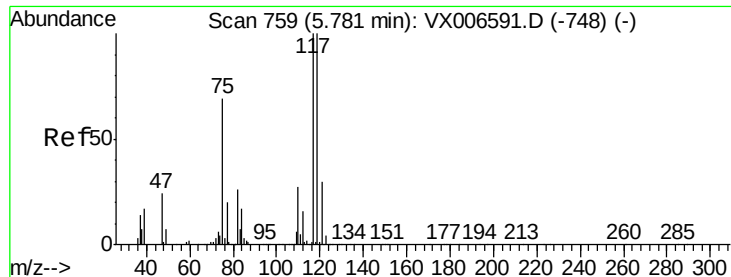


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 7.356 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX006885.D

Acq: 03 Jan 2019 10:59

Instrument :

MSVOA_X

ClientSampleId :

VX0103WBL01

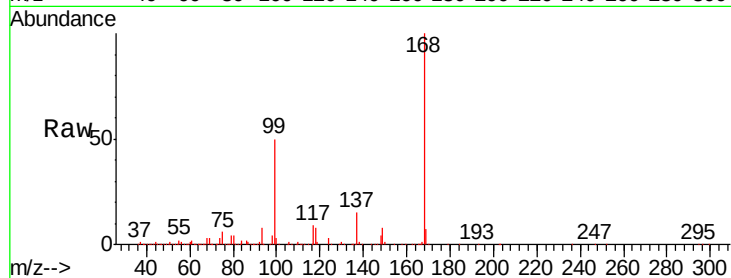
Tgt Ion: 117 Resp: 67872

Ion Ratio Lower Upper

117 100

119 5.7 79.4 119.2#

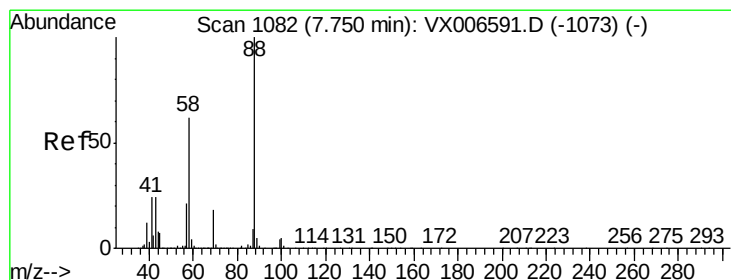
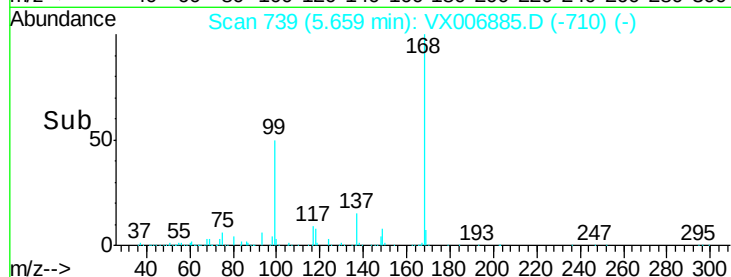
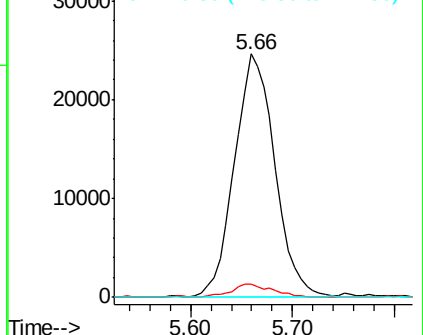
121 0.0 24.0 36.0#



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: Below Cal

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006885.D

Acq: 03 Jan 2019 10:59

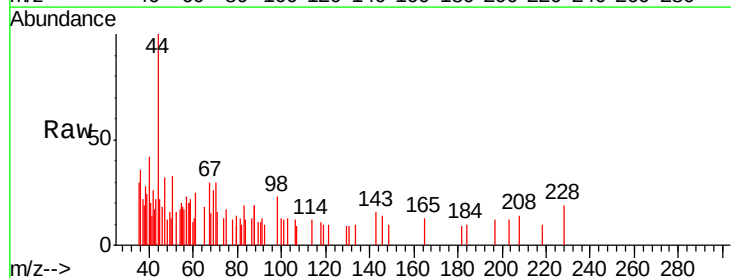
Tgt Ion: 88 Resp: 378

Ion Ratio Lower Upper

88 100

43 40.7 22.2 33.4#

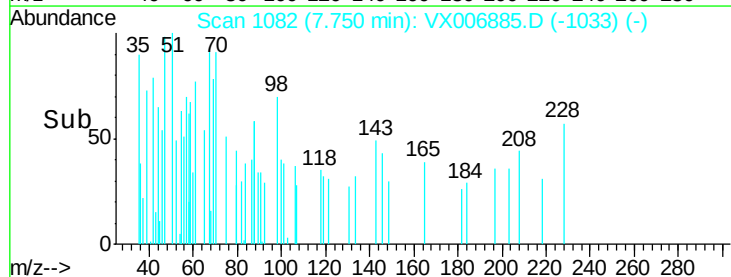
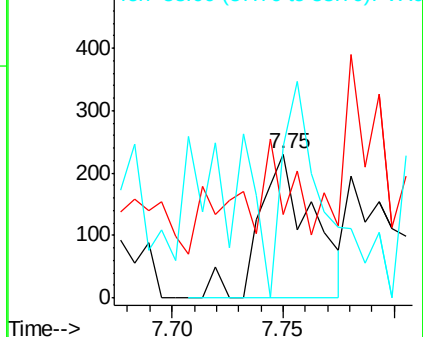
58 117.2 51.0 76.4#

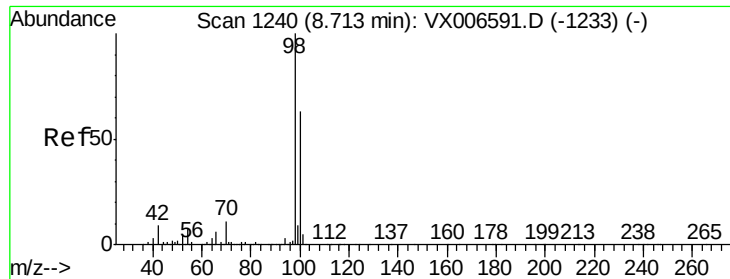


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 48.693 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006885.D

Acq: 03 Jan 2019 10:59

Instrument :

MSVOA_X

ClientSampleId :

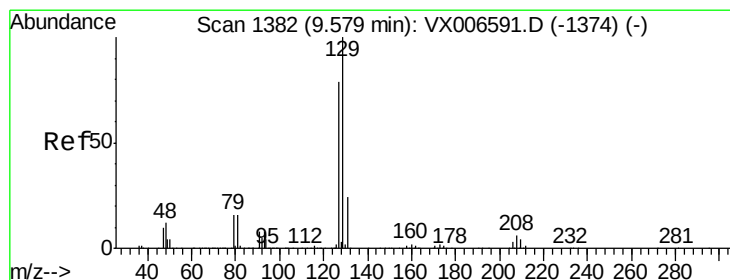
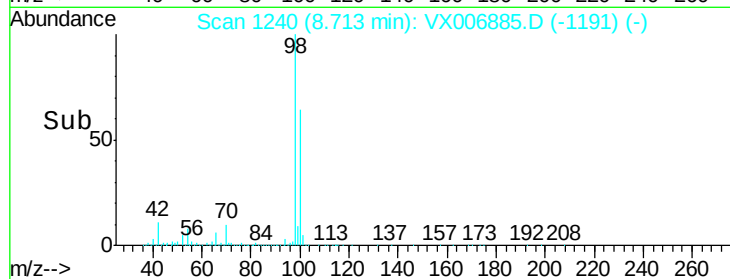
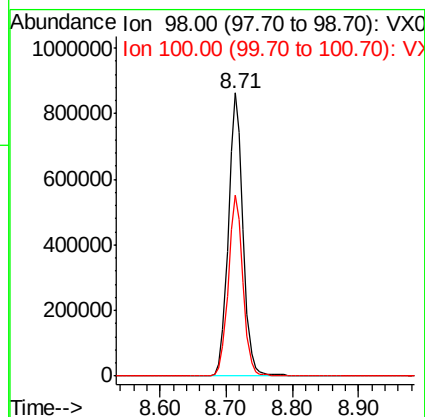
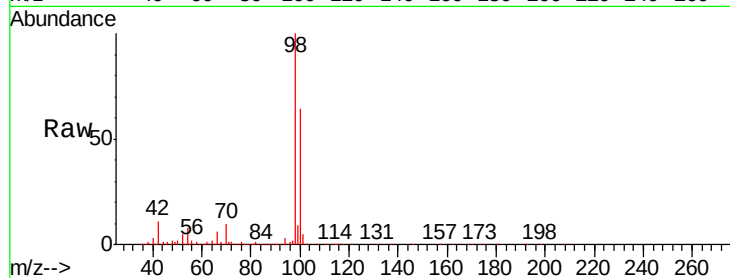
VX0103WBL01

Tgt Ion: 98 Resp: 1330691

Ion Ratio Lower Upper

98 100

100 64.1 52.0 78.0



#60

Dibromochloromethane

Concen: 2.327 ug/l

RT: 9.82 min Scan# 1422

Delta R.T. 0.24 min

Lab File: VX006885.D

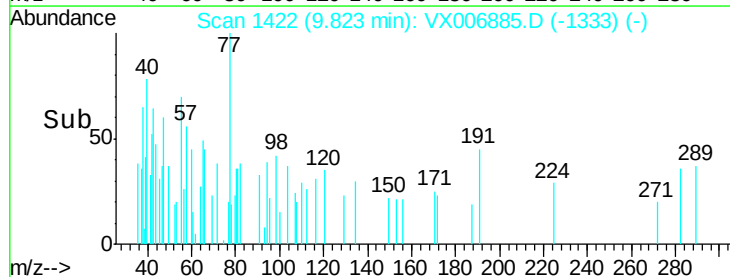
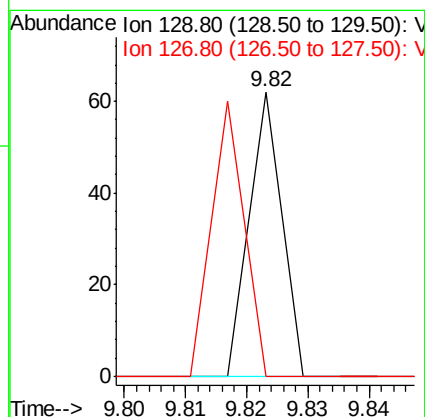
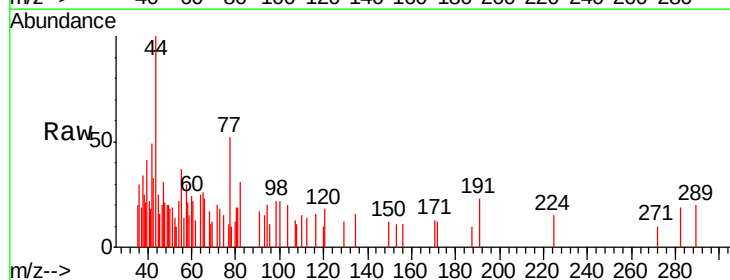
Acq: 03 Jan 2019 10:59

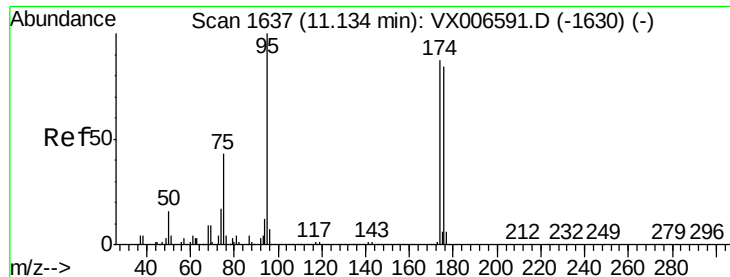
Tgt Ion: 129 Resp: 23

Ion Ratio Lower Upper

129 100

127 95.7 39.3 117.8





#62

4-Bromofluorobenzene

Concen: 47.151 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX006885.D

Acq: 03 Jan 2019 10:59

Instrument :

MSVOA_X

ClientSampleId :

VX0103WBL01

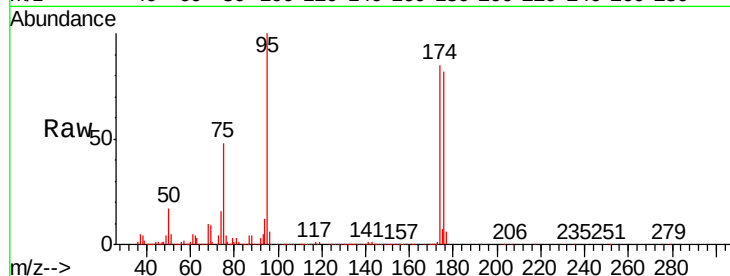
Tgt Ion: 95 Resp: 471916

Ion Ratio Lower Upper

95 100

174 91.8 0.0 182.2

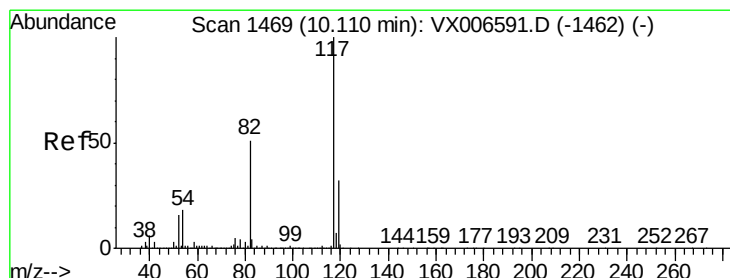
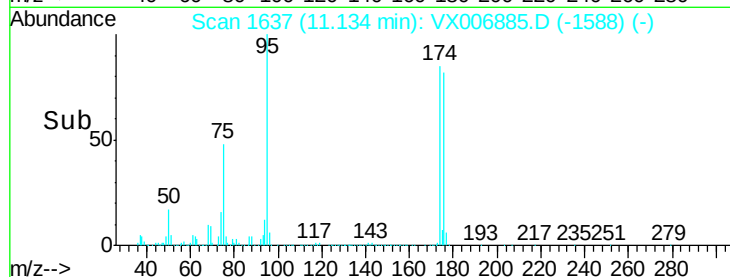
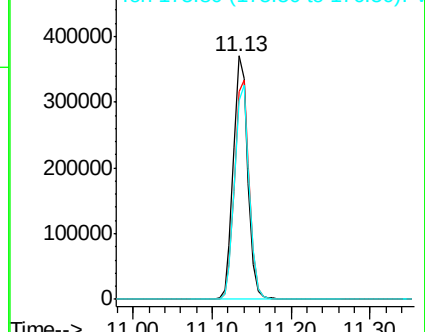
176 89.8 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VX006591.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX006591.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX006591.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX006885.D

Acq: 03 Jan 2019 10:59

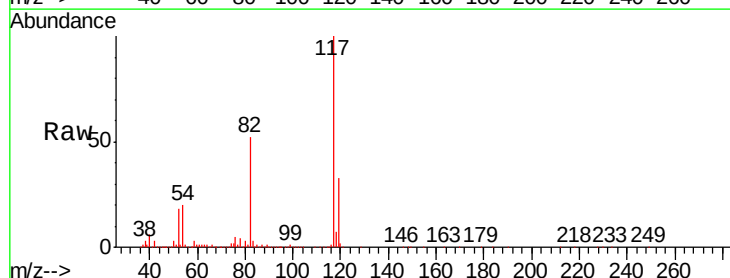
Tgt Ion: 117 Resp: 1017995

Ion Ratio Lower Upper

117 100

82 52.3 41.0 61.6

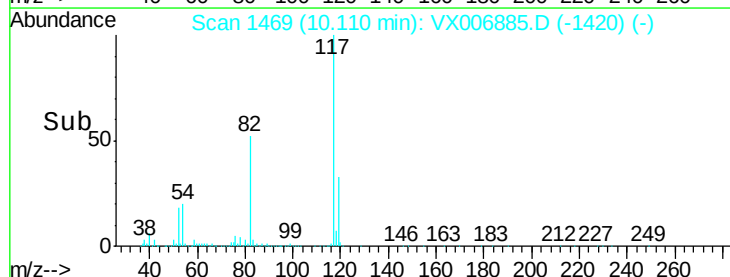
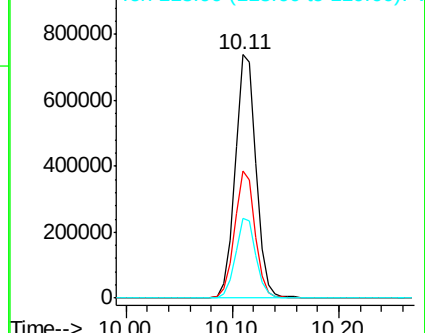
119 32.8 25.4 38.0

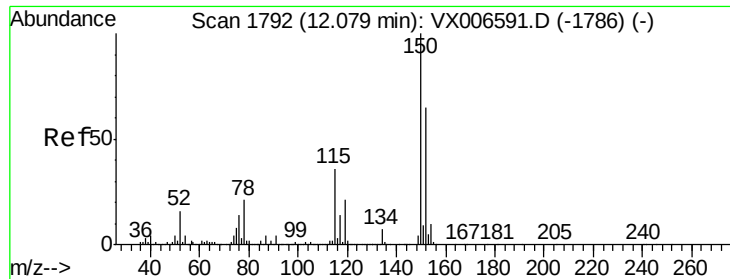


Abundance Ion 116.90 (116.60 to 117.60): VX006591.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX006591.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX006591.D (-1462) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006885.D

Acq: 03 Jan 2019 10:59

Instrument :

MSVOA_X

ClientSampleId :

VX0103WBL01

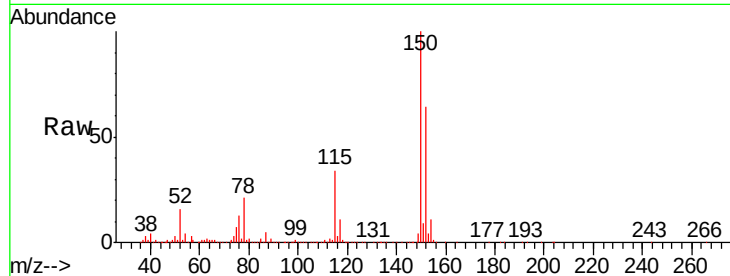
Tgt Ion:152 Resp: 499324

Ion Ratio Lower Upper

152 100

115 54.7 39.1 117.2

150 154.7 0.0 344.8



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

800000

600000

400000

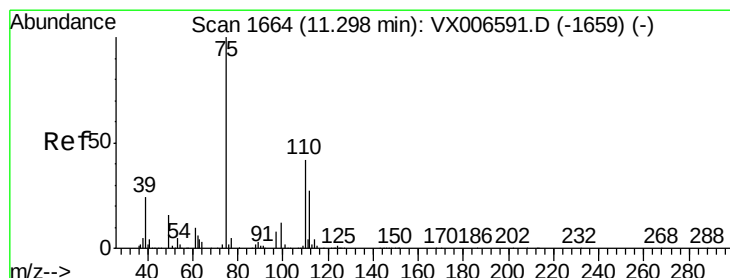
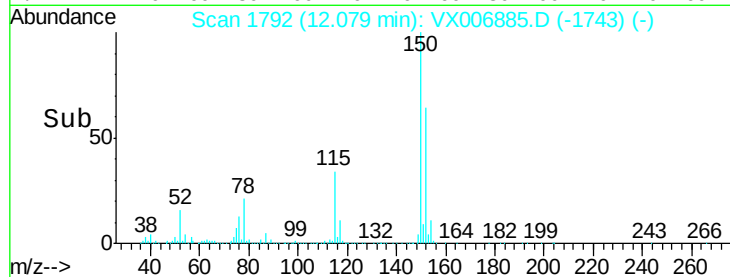
200000

0

12.00

12.10

Time-->



#76

1,2,3-Trichloropropane

Concen: 23.967 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006885.D

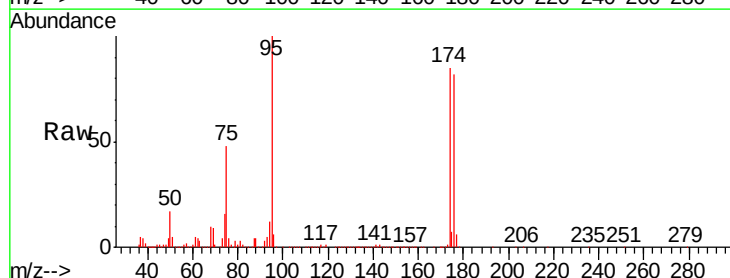
Acq: 03 Jan 2019 10:59

Tgt Ion: 75 Resp: 222400

Ion Ratio Lower Upper

75 100

77 1.2 18.5 55.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

200000

150000

100000

50000

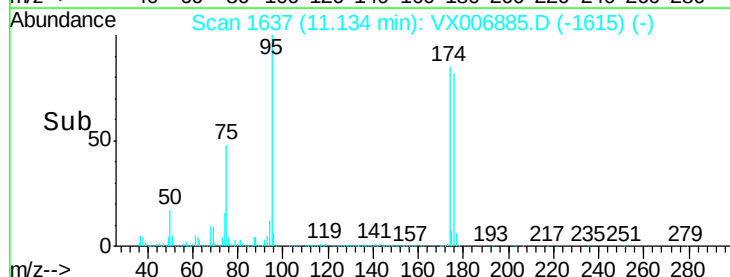
0

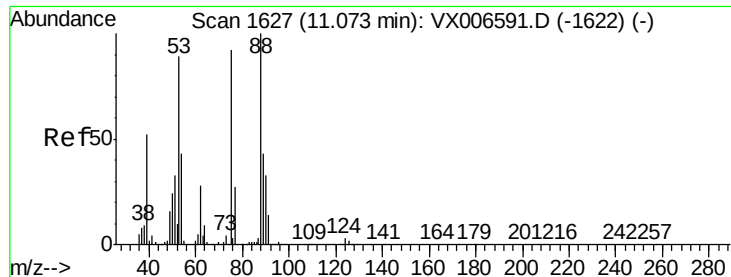
11.10

11.15

11.20

Time-->

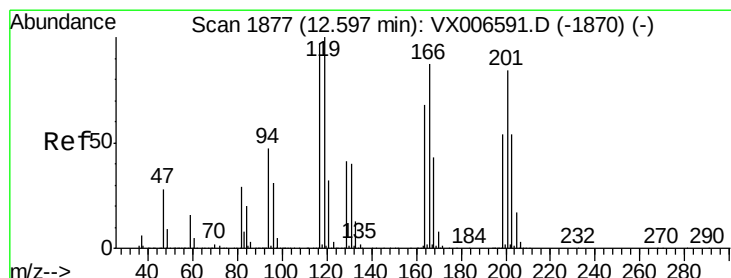
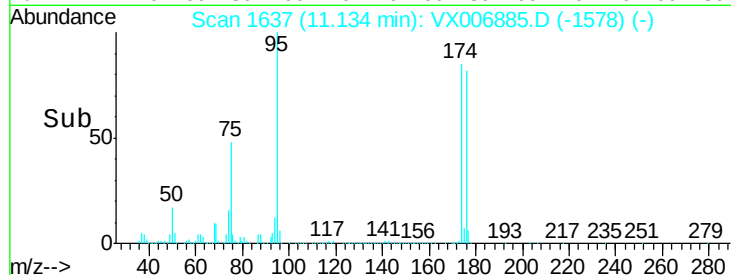
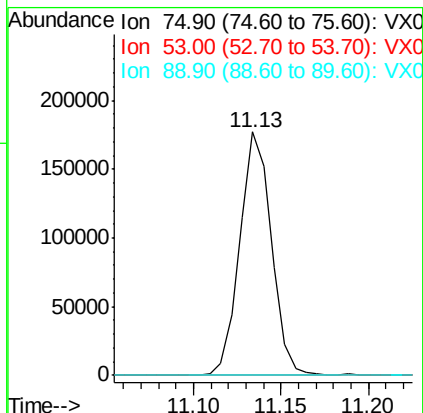
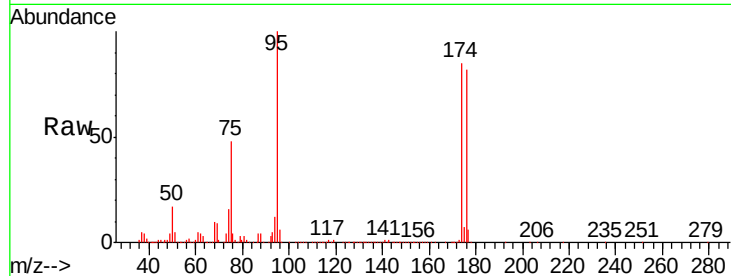




#81
trans-1,4-Dichloro-2-butene
Concen: 70.996 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX006885.D
Acq: 03 Jan 2019 10:59

Instrument :
MSVOA_X
ClientSampleId :
VX0103WBL01

Tgt Ion: 75 Resp: 222400
Ion Ratio Lower Upper
75 100
53 0.0 79.7 119.5#
89 0.0 38.0 57.0#



#90
Hexachloroethane
Concen: 3.303 ug/l
RT: 12.55 min Scan# 1869
Delta R.T. -0.05 min
Lab File: VX006885.D
Acq: 03 Jan 2019 10:59

Tgt Ion: 117 Resp: 52
Ion Ratio Lower Upper
117 100
201 61.5 42.9 128.7

