

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011819\
 Data File : VX007134.D
 Acq On : 18 Jan 2019 14:55
 Operator : JC/SP
 Sample : K1199-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TB01-20190114

Quant Time: Jan 18 21:50:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	545111	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	844014	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	790520	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	382891	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	293701	51.55	ug/l	0.00
Spiked Amount			Recovery	=	103.10%	
35) Dibromofluoromethane	5.51	113	269243	49.81	ug/l	0.00
Spiked Amount			Recovery	=	99.62%	
50) Toluene-d8	8.71	98	1009935	51.05	ug/l	0.00
Spiked Amount			Recovery	=	102.10%	
62) 4-Bromofluorobenzene	11.13	95	356525	51.69	ug/l	0.00
Spiked Amount			Recovery	=	103.38%	

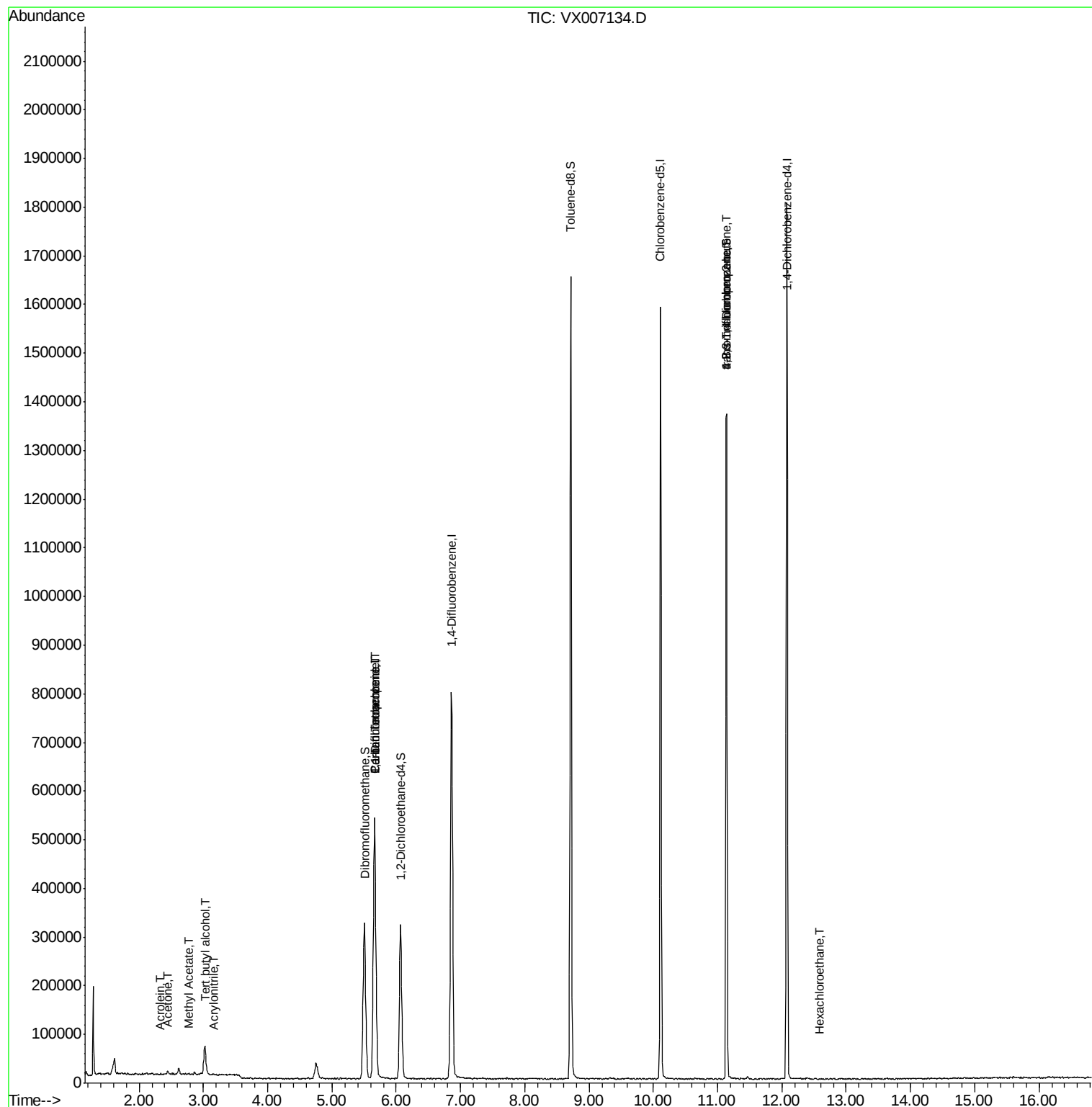
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.03	59	37030	27.555	ug/l #	80
13) Acrolein	2.32	56	818	4.478	ug/l #	38
15) Acrylonitrile	3.16	53	834	0.270	ug/l #	50
16) Acetone	2.44	43	7005	2.487	ug/l	97
18) Methyl Acetate	2.78	43	2759	0.338	ug/l #	72
20) Methylene Chloride	2.87	84	2627	Below Cal	#	71
36) 1,1-Dichloropropene	5.66	75	35593	4.851	ug/l #	48
38) Carbon Tetrachloride	5.67	117	49535	6.709	ug/l #	15
49) 1,4-Dioxane	7.76	88	118	Below Cal	#	1
76) 1,2,3-Trichloropropane	11.13	75	171764	22.137	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.13	75	171764	65.535	ug/l #	10
90) Hexachloroethane	12.59	117	77	2.927	ug/l	87

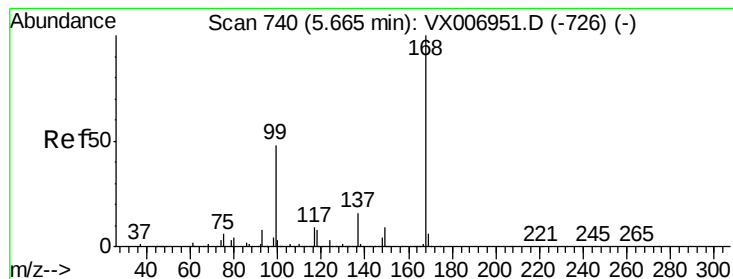
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007134.D

Acq: 18 Jan 2019 14:55

Instrument :

MSVOA_X

ClientSampleId :

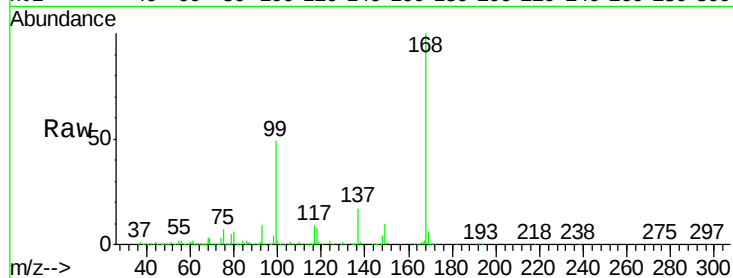
SA-TB01-20190114

Tot Ion:168 Resp: 545111

Ion Ratio Lower Upper

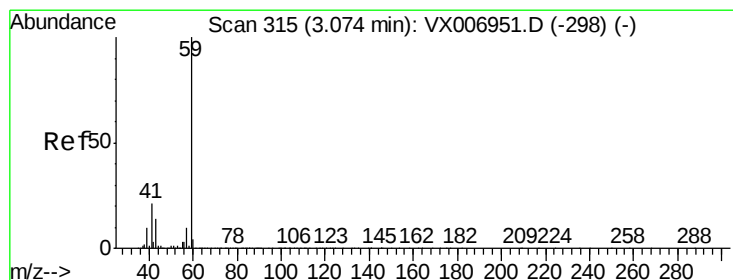
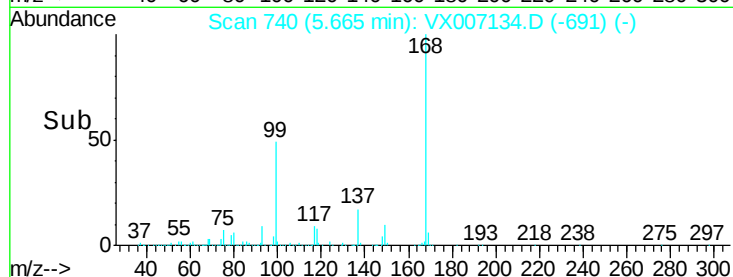
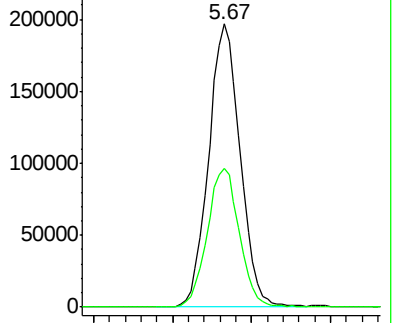
168 100

99 48.8 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 27.555 ug/l

RT: 3.03 min Scan# 307

Delta R.T. -0.05 min

Lab File: VX007134.D

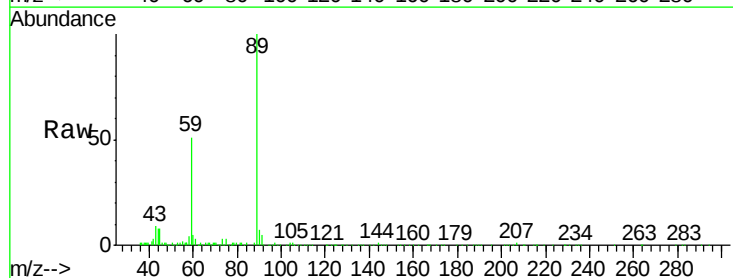
Acq: 18 Jan 2019 14:55

Tgt Ion: 59 Resp: 37030

Ion Ratio Lower Upper

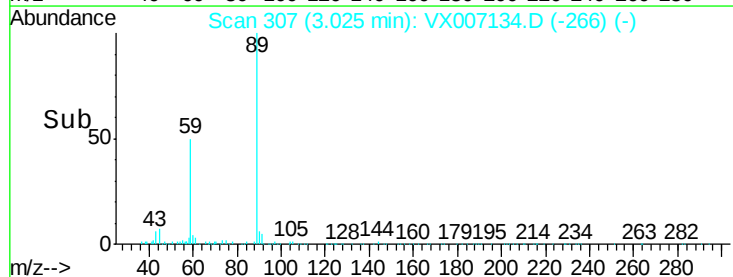
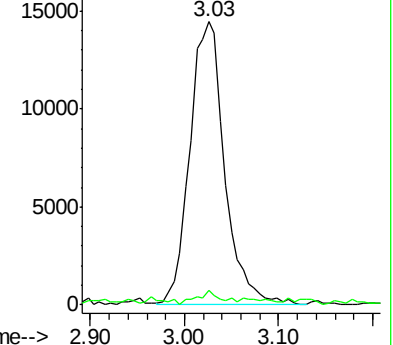
59 100

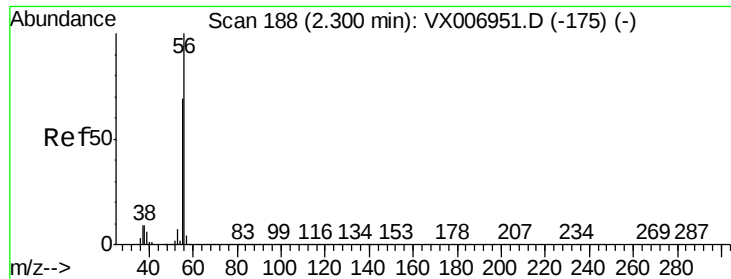
57 2.9 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 4.478 ug/l

RT: 2.32 min Scan# 191

Delta R.T. 0.02 min

Lab File: VX007134.D

Acq: 18 Jan 2019 14:55

Instrument :

MSVOA_X

ClientSampleId :

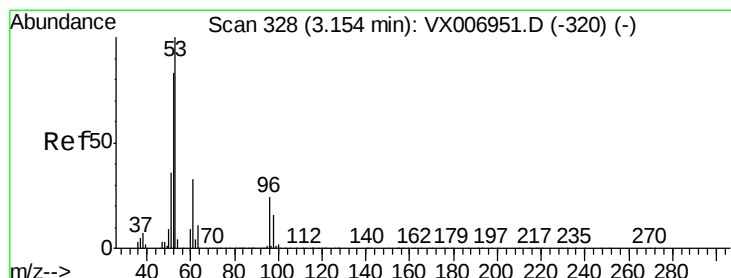
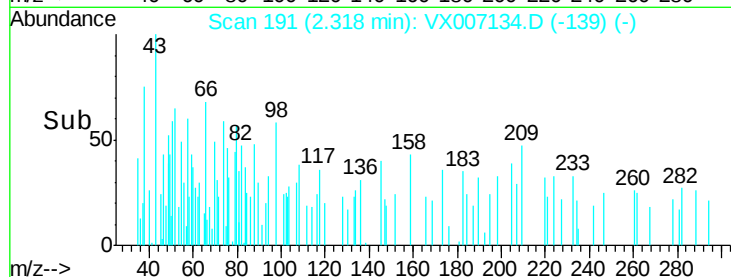
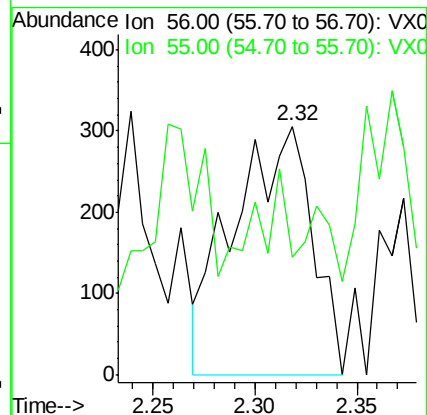
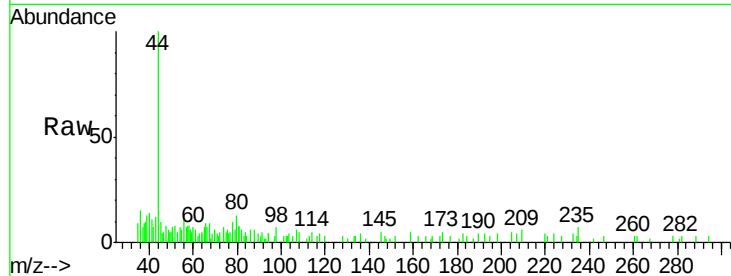
SA-TB01-20190114

Tot Ion: 56 Resp: 818

Ion Ratio Lower Upper

56 100

55 20.5 58.2 87.4#



#15

Acrylonitrile

Concen: 0.270 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.01 min

Lab File: VX007134.D

Acq: 18 Jan 2019 14:55

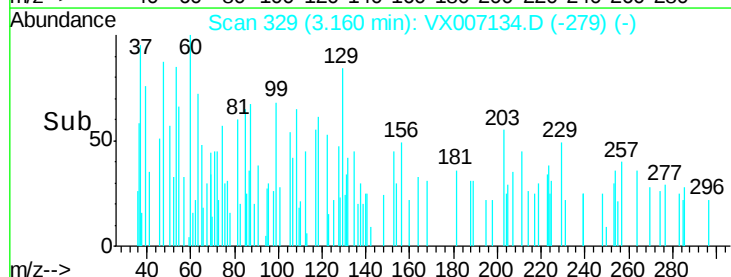
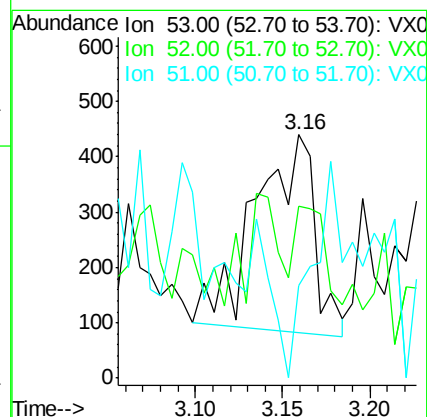
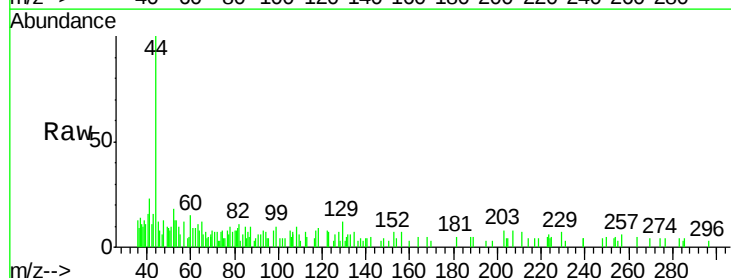
Tgt Ion: 53 Resp: 834

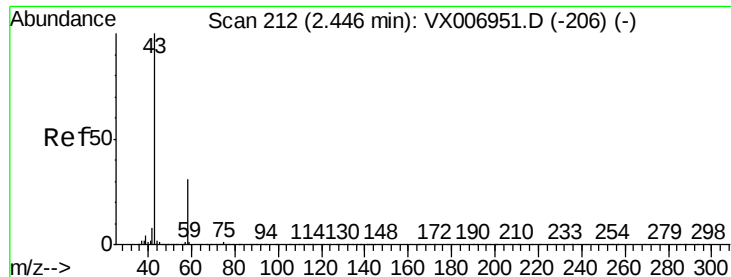
Ion Ratio Lower Upper

53 100

52 42.2 66.0 99.0#

51 71.3 28.6 42.8#

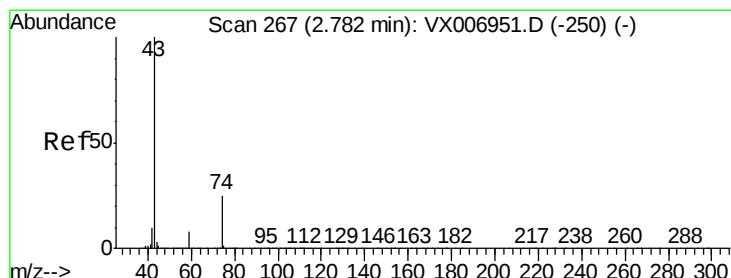
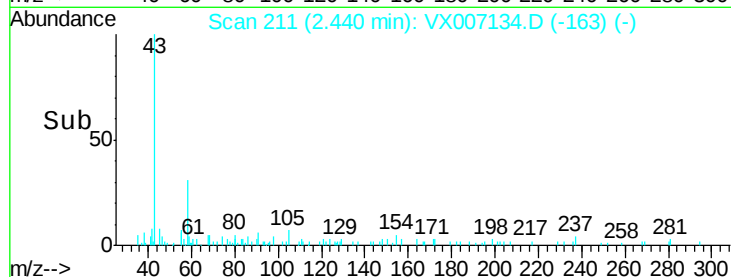
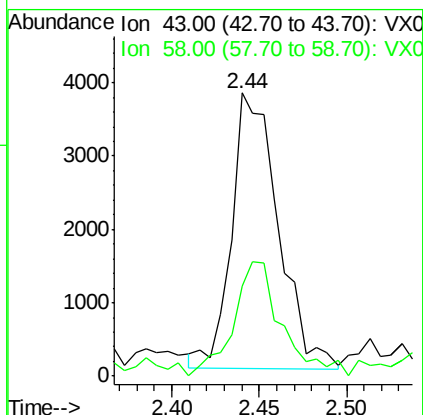
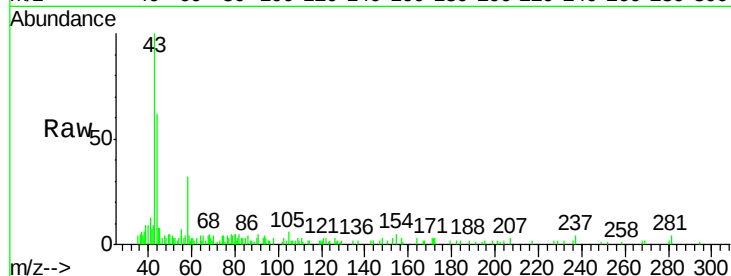




#16
Acetone
Concen: 2.487 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX007134.D
Acq: 18 Jan 2019 14:55

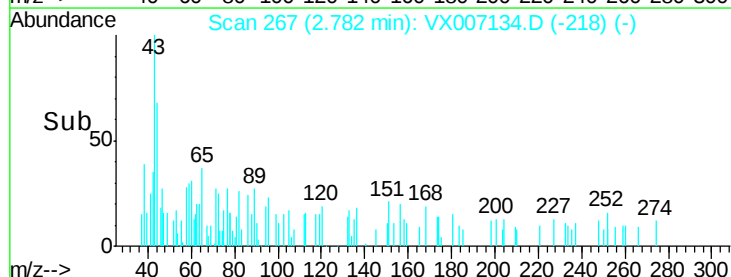
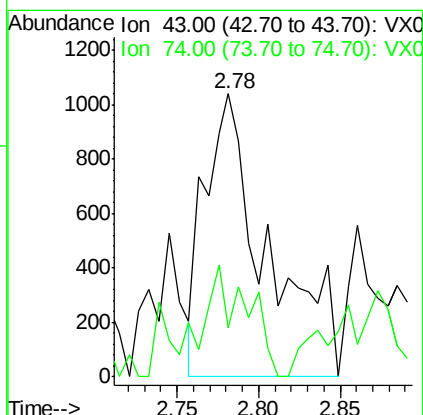
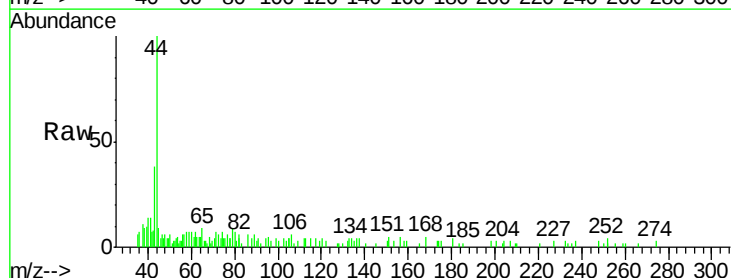
Instrument :
MSVOA_X
ClientSampleId :
SA-TB01-20190114

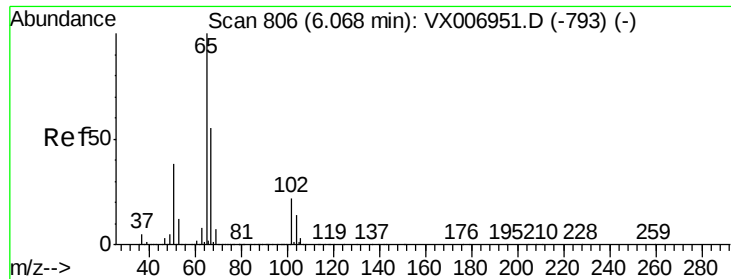
Tot Ion: 43 Resp: 7005
Ion Ratio Lower Upper
43 100
58 33.1 25.0 37.6



#18
Methyl Acetate
Concen: 0.338 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007134.D
Acq: 18 Jan 2019 14:55

Tgt Ion: 43 Resp: 2759
Ion Ratio Lower Upper
43 100
74 9.8 18.6 28.0#





#33

1,2-Dichloroethane-d4

Concen: 51.555 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007134.D

Acq: 18 Jan 2019 14:55

Instrument :

MSVOA_X

ClientSampleId :

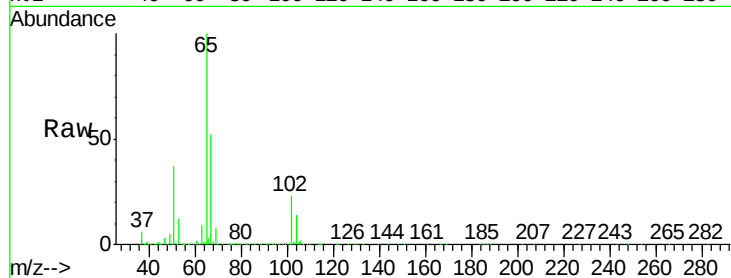
SA-TB01-20190114

Tot Ion: 65 Resp: 293701

Ion Ratio Lower Upper

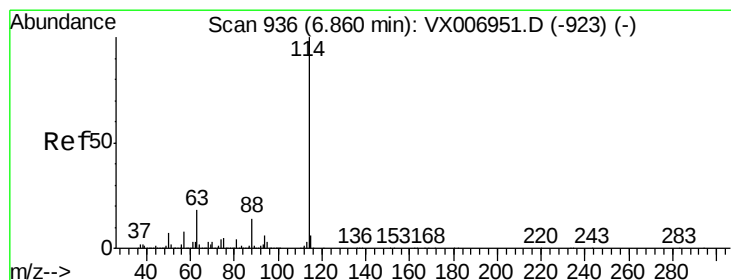
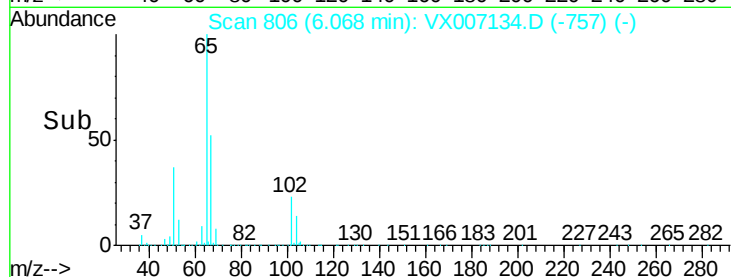
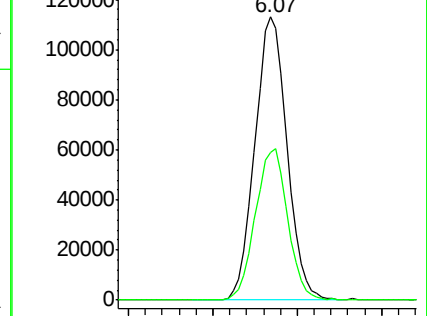
65 100

67 54.1 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007134.D

Acq: 18 Jan 2019 14:55

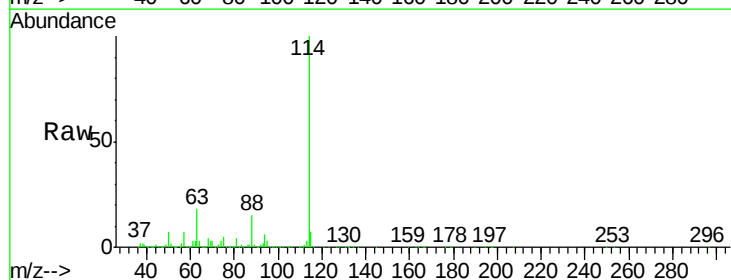
Tgt Ion: 114 Resp: 844014

Ion Ratio Lower Upper

114 100

63 18.4 0.0 34.8

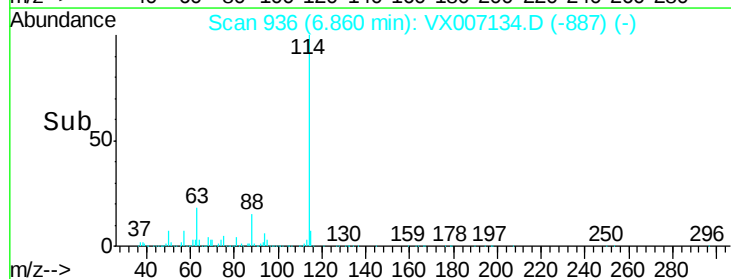
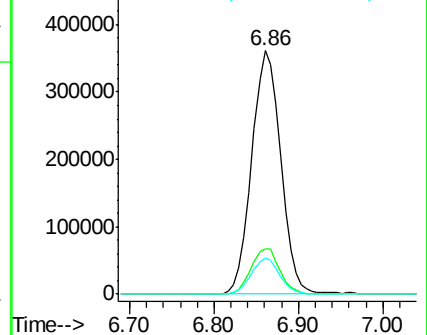
88 15.0 0.0 28.8

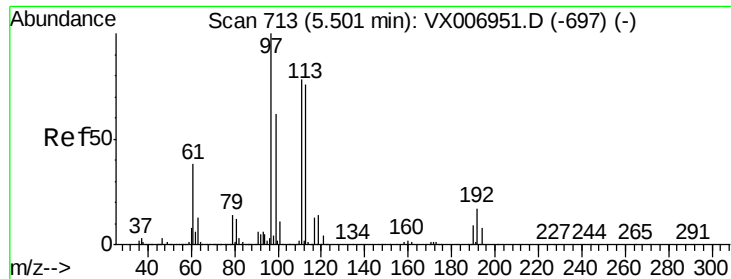


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.814 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007134.D

Acq: 18 Jan 2019 14:55

Instrument :

MSVOA_X

ClientSampleId :

SA-TB01-20190114

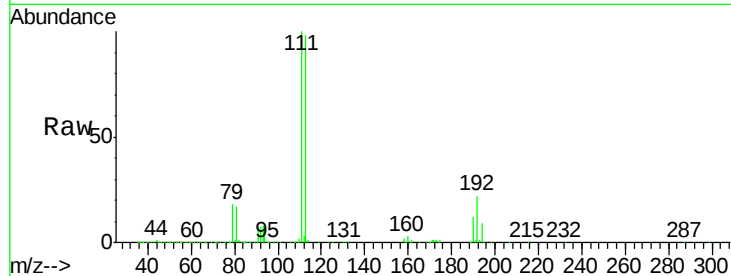
Tot Ion:113 Resp: 269243

Ion Ratio Lower Upper

113 100

111 100.7 81.6 122.4

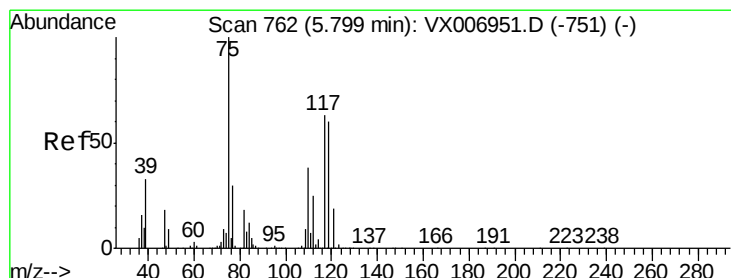
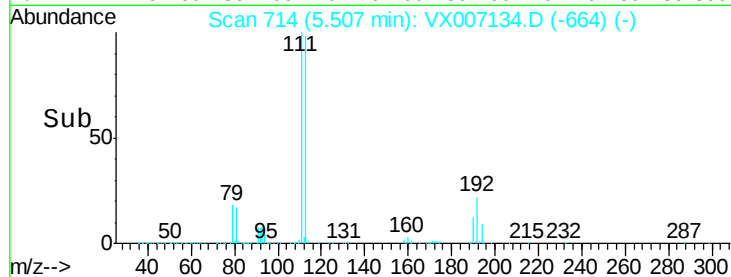
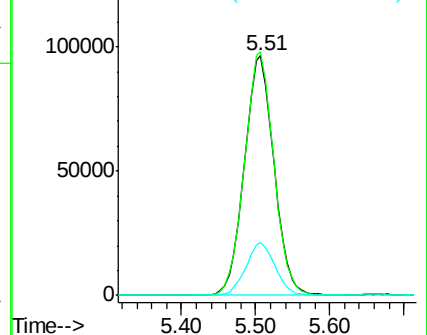
192 21.7 16.7 25.1



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: 4.851 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX007134.D

Acq: 18 Jan 2019 14:55

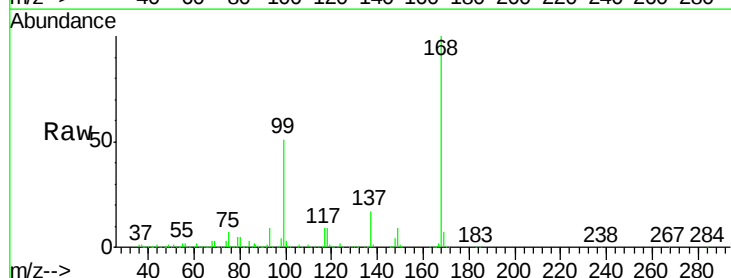
Tgt Ion: 75 Resp: 35593

Ion Ratio Lower Upper

75 100

110 9.6 20.2 60.5#

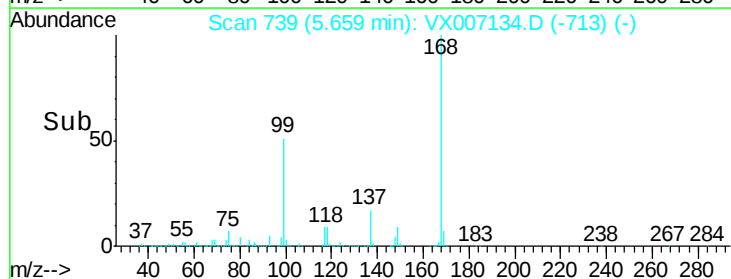
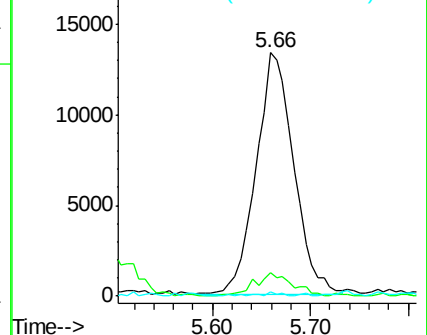
77 1.0 24.8 37.2#

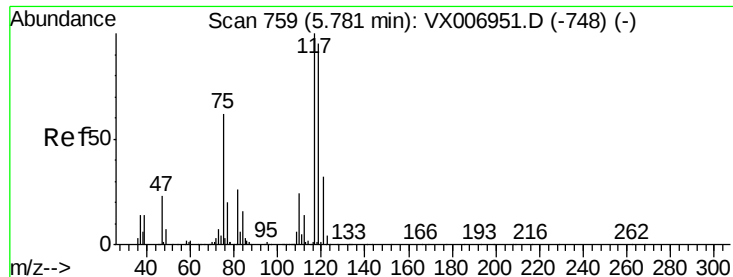


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.709 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX007134.D

Acq: 18 Jan 2019 14:55

Instrument :

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ClientSampleId :

SA-TB01-20190114

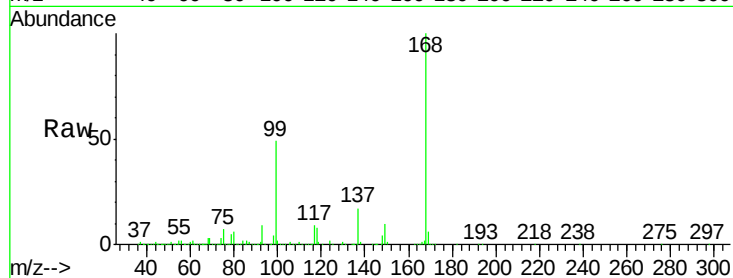
Tot Ion:117 Resp: 49535

Ion Ratio Lower Upper

117 100

119 5.6 79.4 119.2#

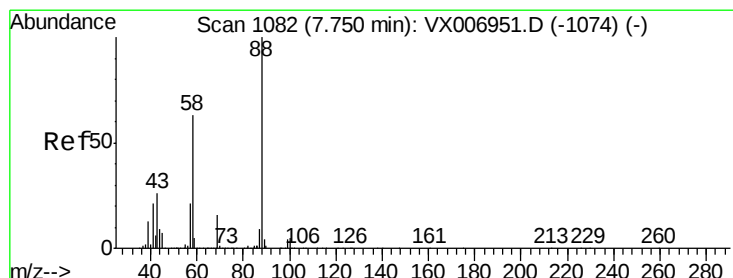
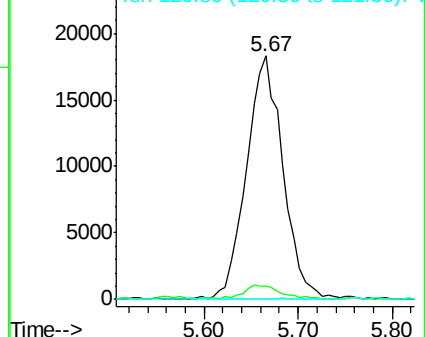
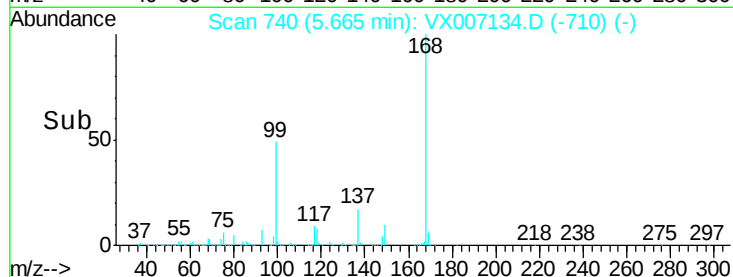
121 0.0 24.0 36.0#



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: 7.76 min Scan# 1084

Delta R.T. 0.01 min

Lab File: VX007134.D

Acq: 18 Jan 2019 14:55

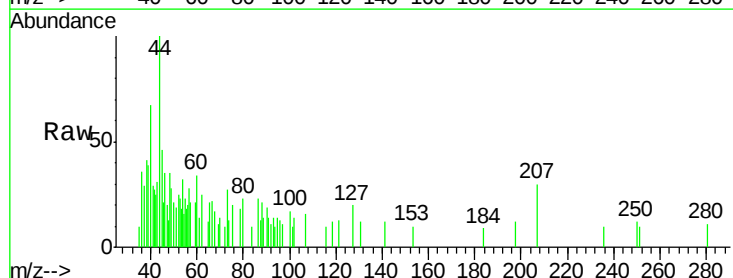
Tgt Ion: 88 Resp: 118

Ion Ratio Lower Upper

88 100

43 127.1 22.2 33.4#

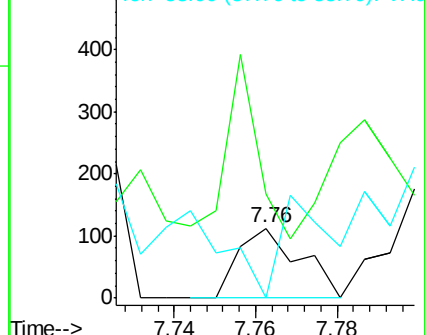
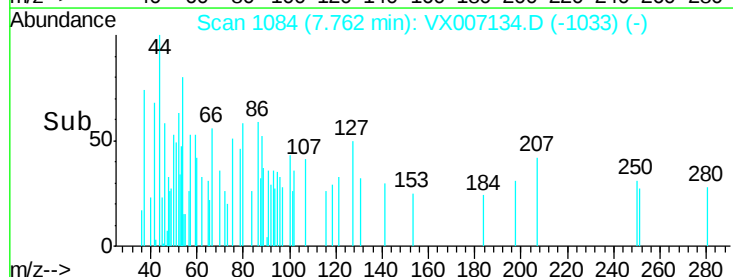
58 114.4 51.0 76.4#

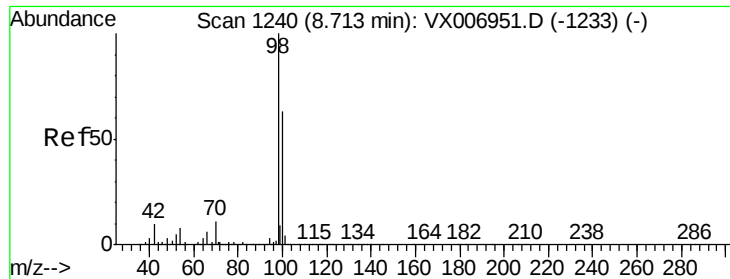


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 51.048 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007134.D

Acq: 18 Jan 2019 14:55

Instrument :

MSVOA_X

ClientSampleId :

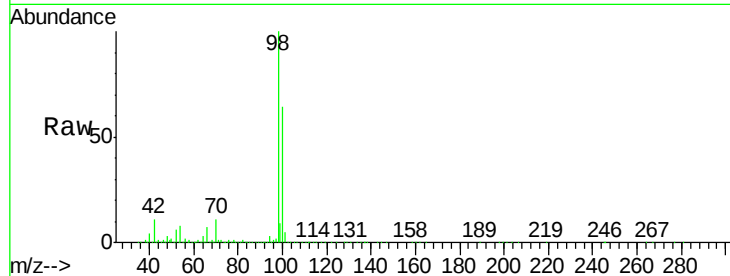
SA-TB01-20190114

Tot Ion: 98 Resp: 1009935

Ion Ratio Lower Upper

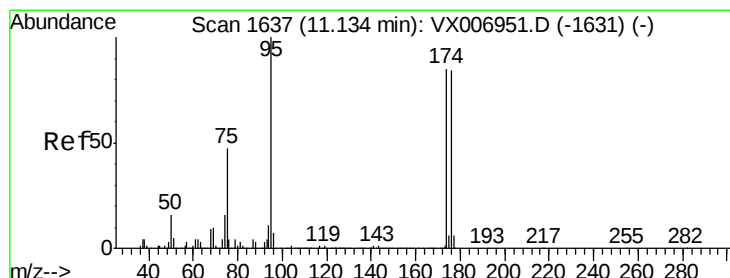
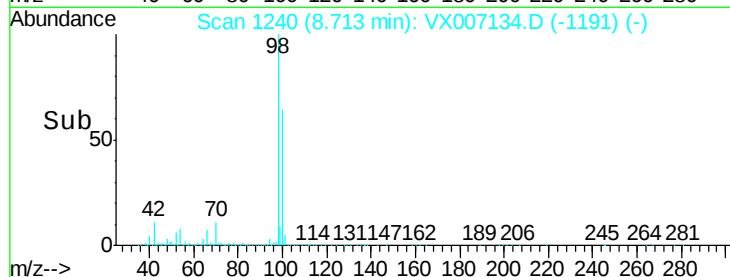
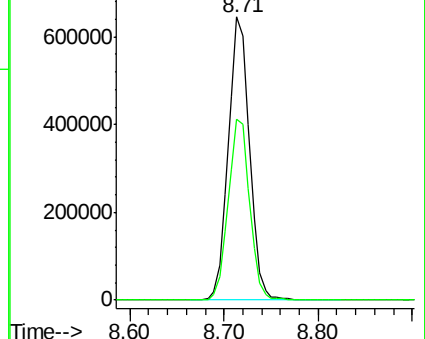
98 100

100 64.5 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 51.691 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007134.D

Acq: 18 Jan 2019 14:55

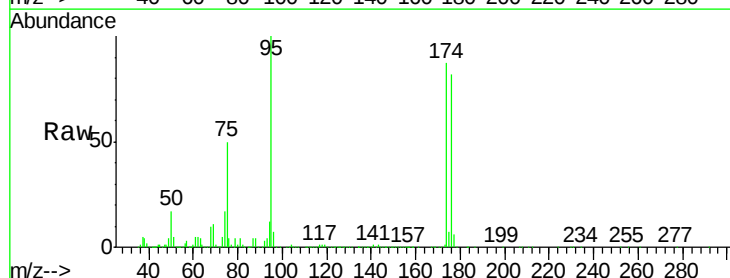
Tgt Ion: 95 Resp: 356525

Ion Ratio Lower Upper

95 100

174 92.7 0.0 182.2

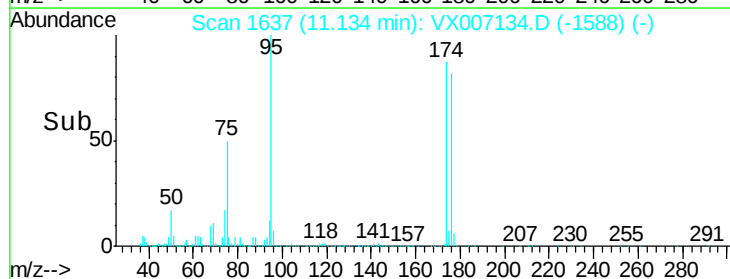
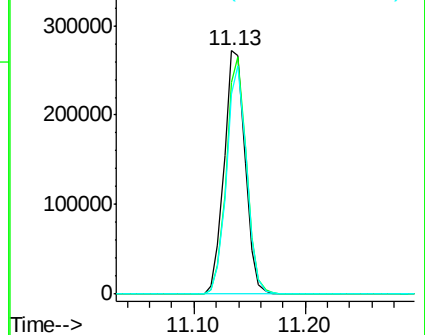
176 89.3 0.0 178.8

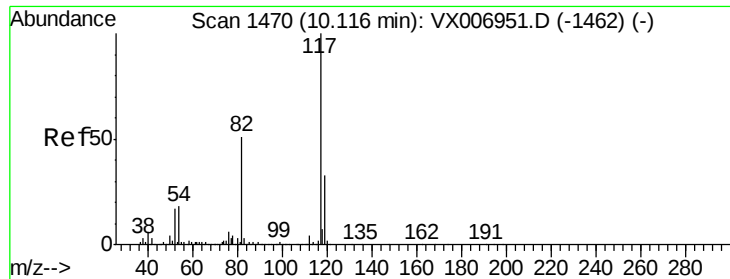


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

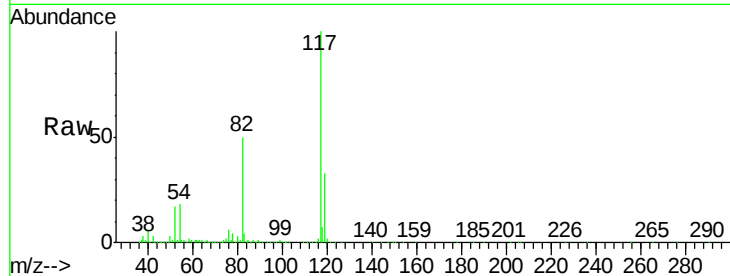




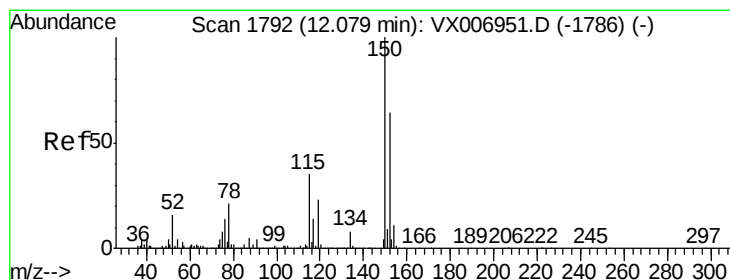
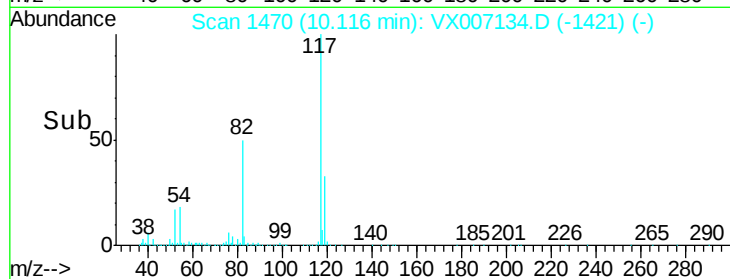
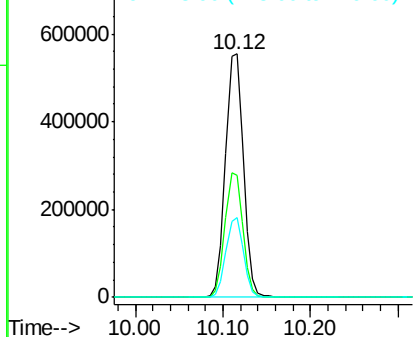
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX007134.D
Acq: 18 Jan 2019 14:55

Instrument :
MSVOA_X
ClientSampleId :
SA-TB01-20190114

Tot Ion:117 Resp: 790520
Ion Ratio Lower Upper
117 100
82 50.2 41.0 61.6
119 32.6 25.4 38.0

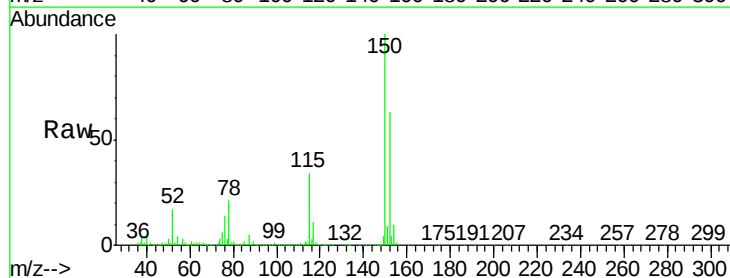


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

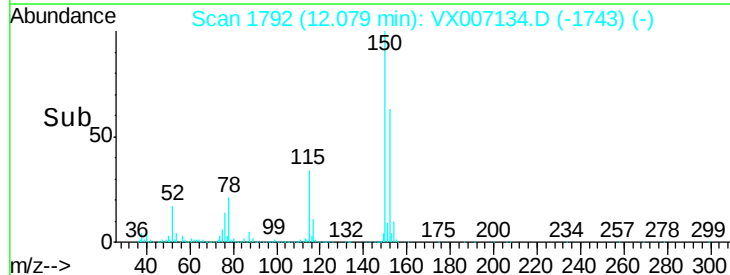
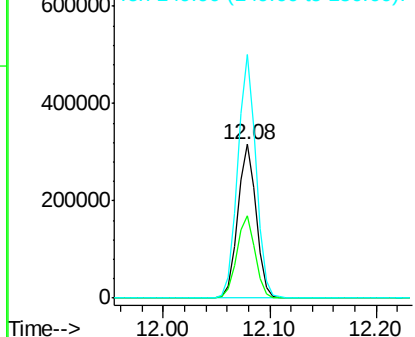


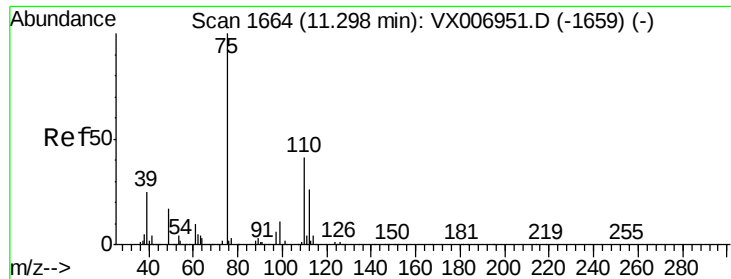
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007134.D
Acq: 18 Jan 2019 14:55

Tgt Ion:152 Resp: 382891
Ion Ratio Lower Upper
152 100
115 53.7 39.1 117.2
150 157.3 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





#76

1,2,3-Trichloropropane

Concen: 22.137 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX007134.D

Acq: 18 Jan 2019 14:55

Instrument :

MSVOA_X

ClientSampleId :

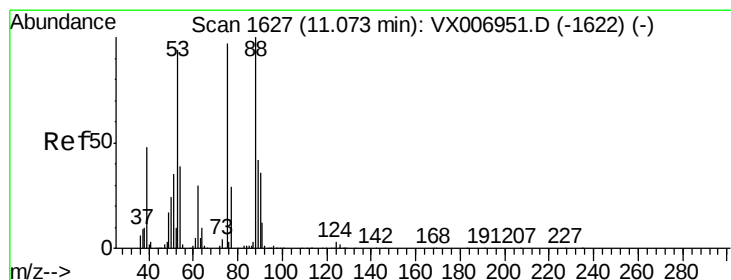
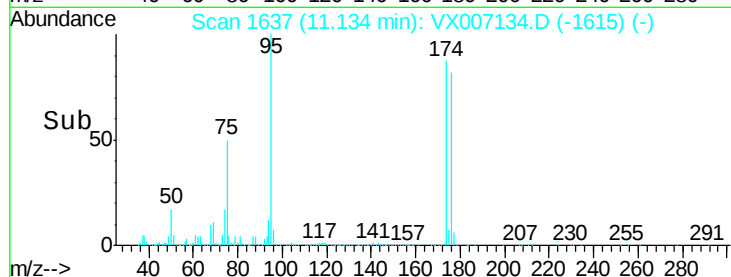
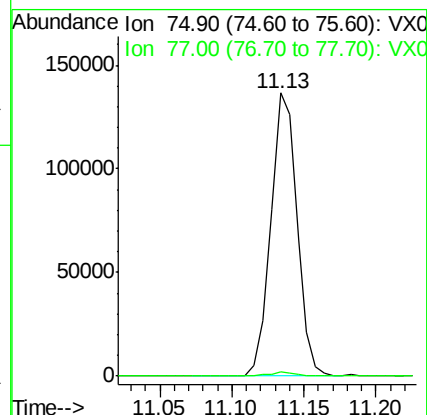
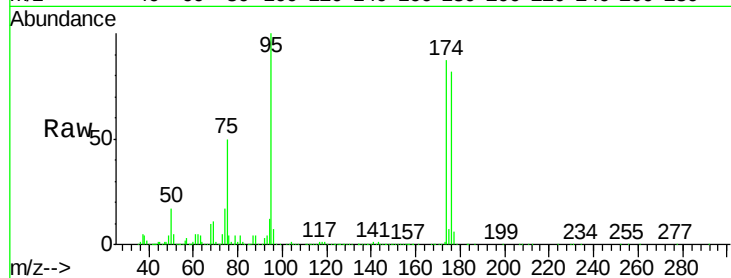
SA-TB01-20190114

Tot Ion: 75 Resp: 171764

Ion Ratio Lower Upper

75 100

77 1.4 18.5 55.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 65.535 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX007134.D

Acq: 18 Jan 2019 14:55

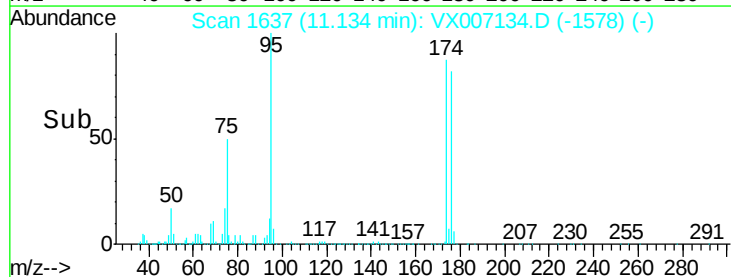
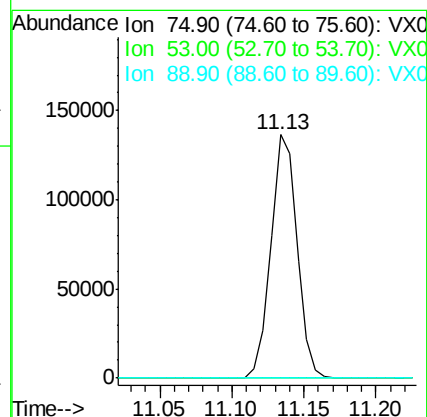
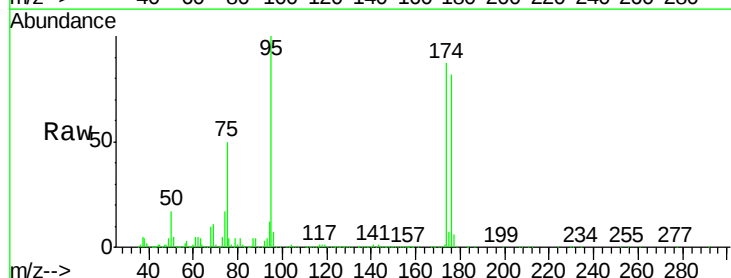
Tgt Ion: 75 Resp: 171764

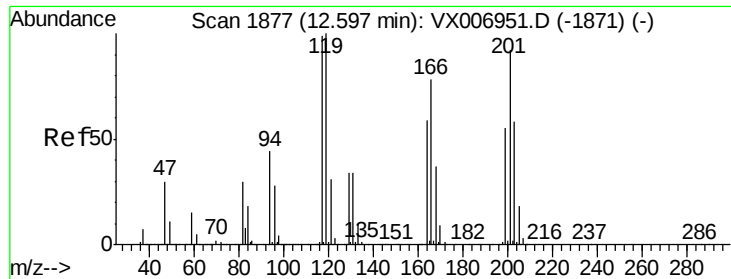
Ion Ratio Lower Upper

75 100

53 0.2 79.7 119.5#

89 0.0 38.0 57.0#





#90

Hexachloroethane

Concen: 2.927 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. -0.01 min

Lab File: VX007134.D

Acq: 18 Jan 2019 14:55

Instrument :

MSVOA_X

ClientSampleId :

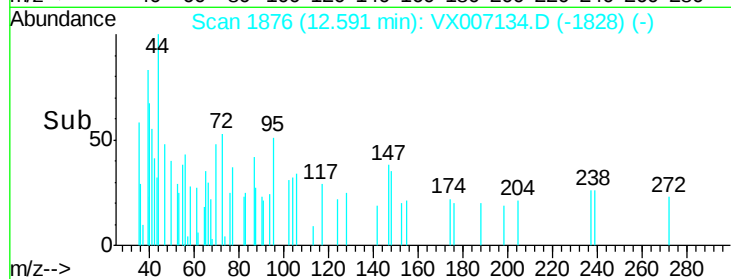
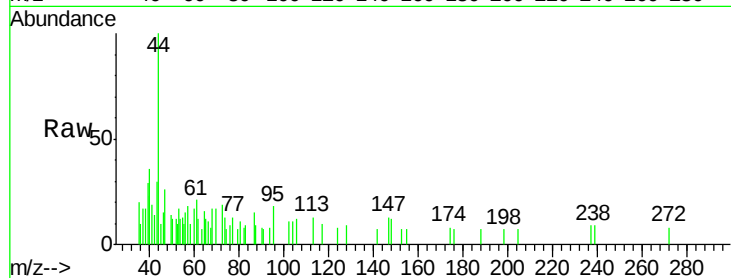
SA-TB01-20190114

Tot Ion:117 Resp: 77

Ion Ratio Lower Upper

117 100

201 74.0 42.9 128.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

