

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032419\
 Data File : VX008382.D
 Acq On : 24 Mar 2019 11:26
 Operator : JC/SP
 Sample : K1945-15
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-20190226

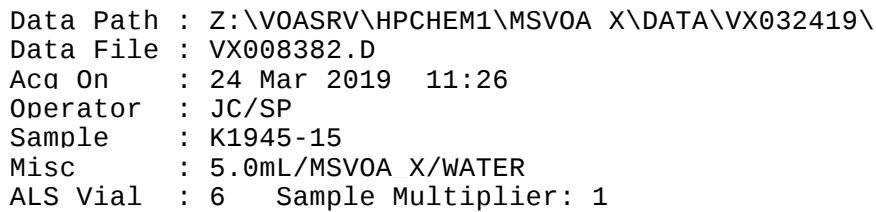
Quant Time: Mar 25 05:44:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 15:27:34 2019
 Response via : Initial Calibration

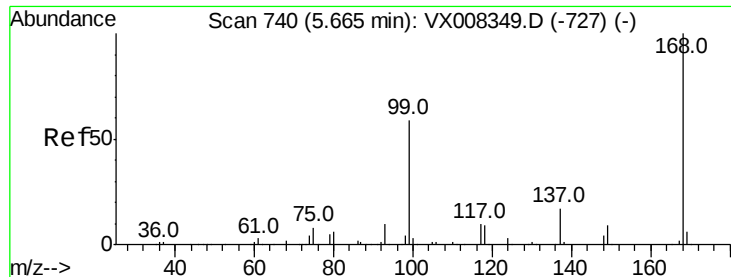
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	226235	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	389848	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	335341	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	136262	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	167964	48.68	ug/l	0.00
Spiked Amount			Recovery	=	97.36%	
35) Dibromofluoromethane	5.49	113	122147	48.36	ug/l	0.00
Spiked Amount			Recovery	=	96.72%	
50) Toluene-d8	8.71	98	493726	49.42	ug/l	0.00
Spiked Amount			Recovery	=	98.84%	
62) 4-Bromofluorobenzene	11.13	95	163437	44.56	ug/l	0.00
Spiked Amount			Recovery	=	89.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.02	59	1681	2.187	ug/l #	73
13) Acrolein	2.30	56	177	0.270	ug/l #	1
16) Acetone	2.44	43	914	0.530	ug/l	95
20) Methylene Chloride	2.85	84	777	0.250	ug/l	93
36) 1,1-Dichloropropene	5.66	75	19989	5.018	ug/l #	48
38) Carbon Tetrachloride	5.65	117	23376	6.845	ug/l #	16
76) 1,2,3-Trichloropropane	11.13	75	84767	23.767	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.13	75	84767	67.729	ug/l #	11

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX008382.D

Acq: 24 Mar 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

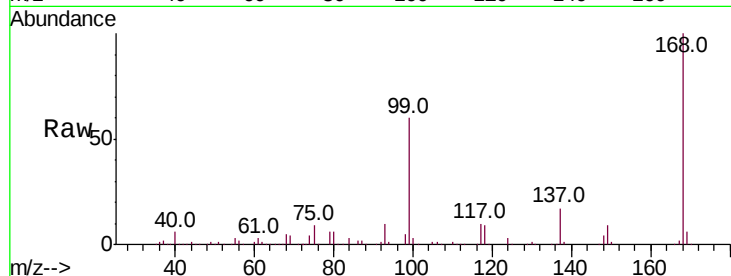
TB-20190226

Tot Ion:168 Resp: 226235

Ion Ratio Lower Upper

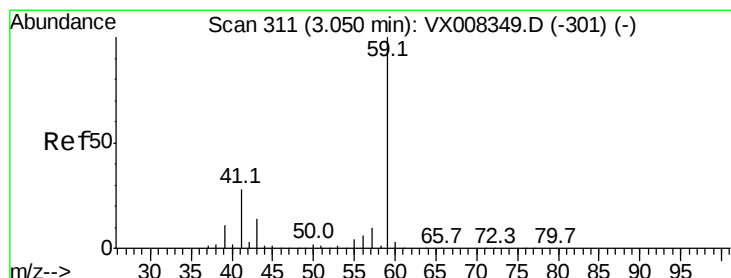
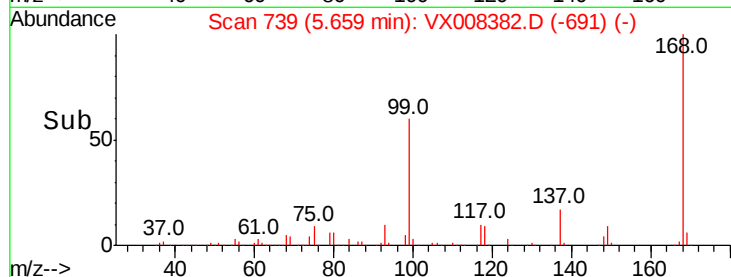
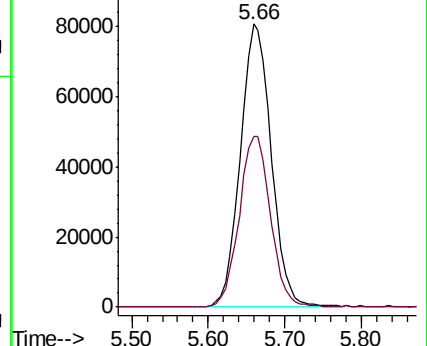
168 100

99 60.2 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 2.187 ug/l

RT: 3.02 min Scan# 306

Delta R.T. -0.03 min

Lab File: VX008382.D

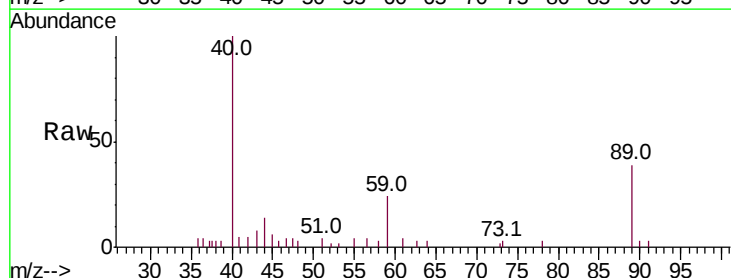
Acq: 24 Mar 2019 11:26

Tgt Ion: 59 Resp: 1681

Ion Ratio Lower Upper

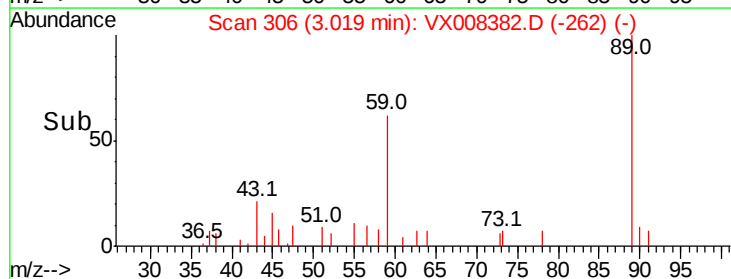
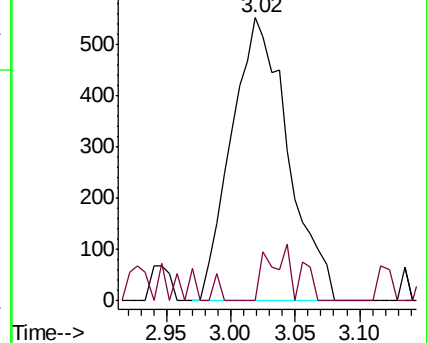
59 100

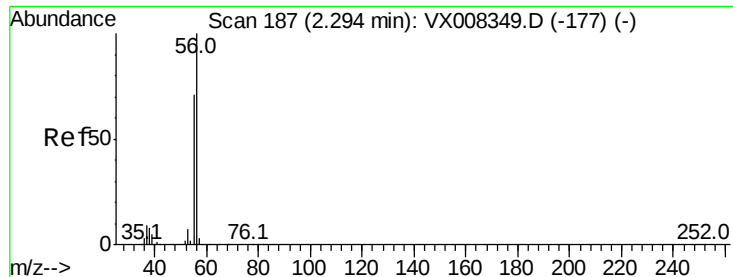
57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 0.270 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX008382.D

Acq: 24 Mar 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

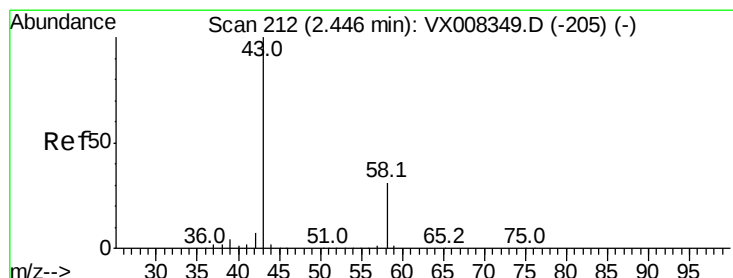
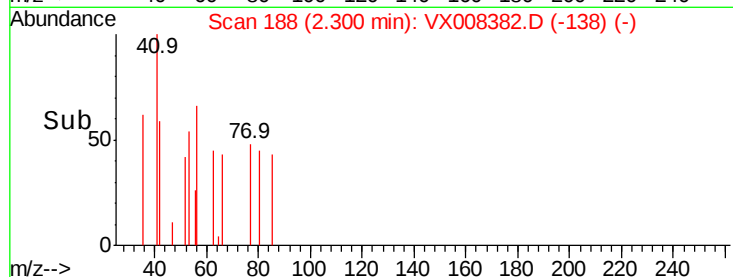
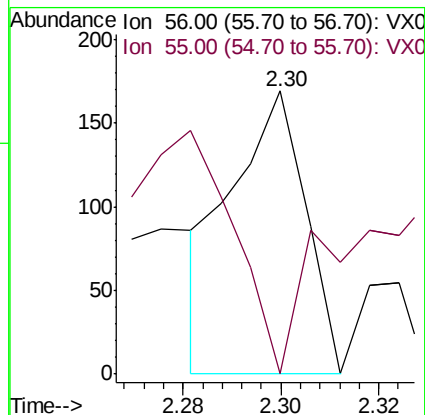
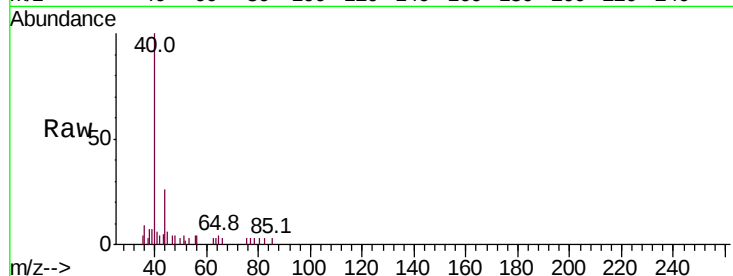
TB-20190226

Tot Ion: 56 Resp: 177

Ion Ratio Lower Upper

56 100

55 159.3 57.8 86.6#



#16

Acetone

Concen: 0.530 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX008382.D

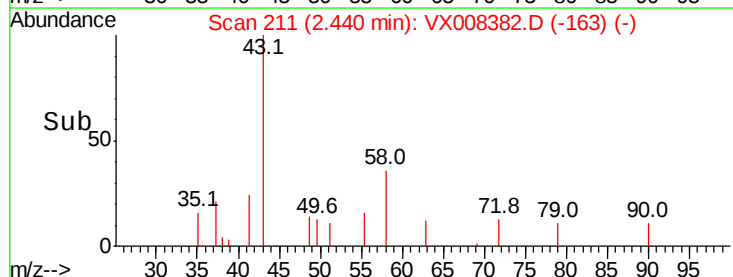
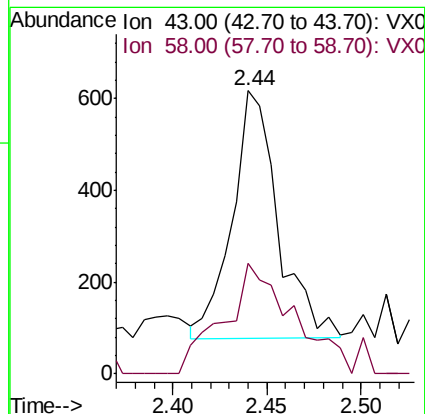
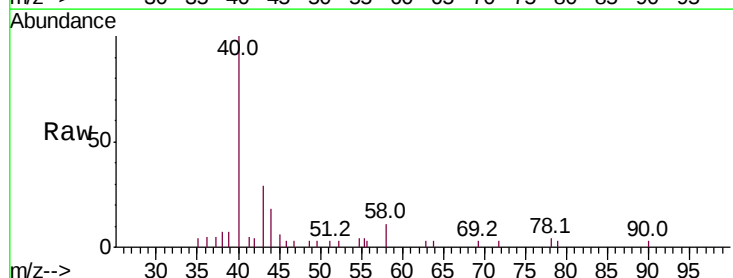
Acq: 24 Mar 2019 11:26

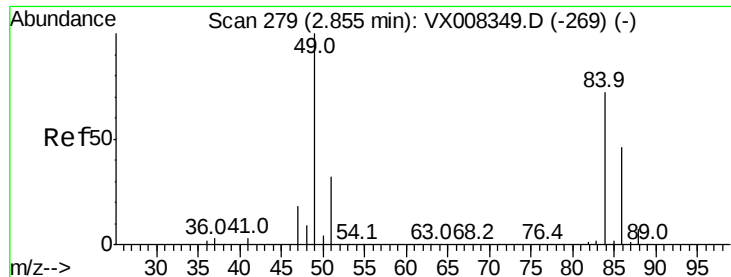
Tgt Ion: 43 Resp: 914

Ion Ratio Lower Upper

43 100

58 34.6 25.5 38.3



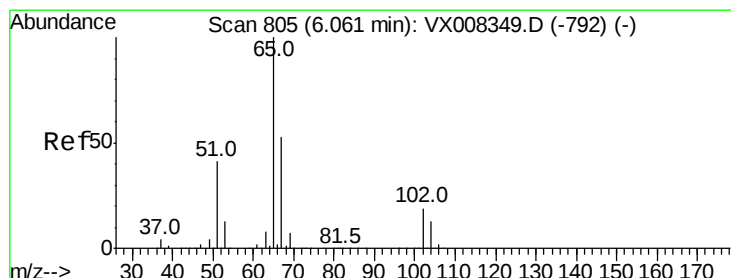
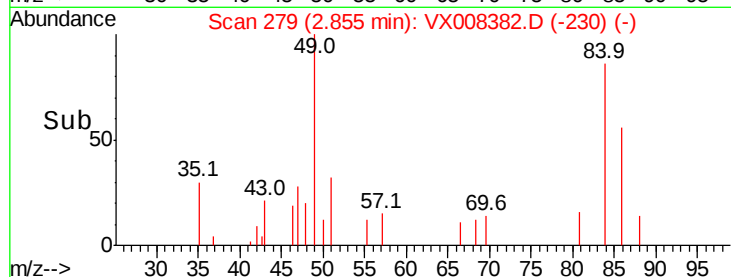
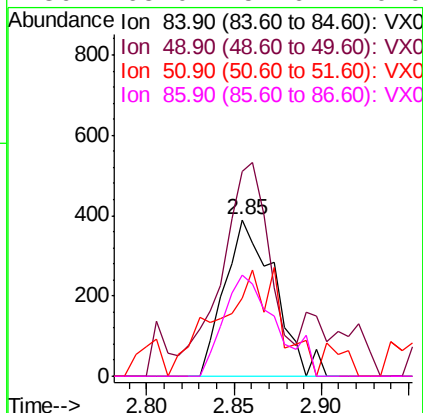
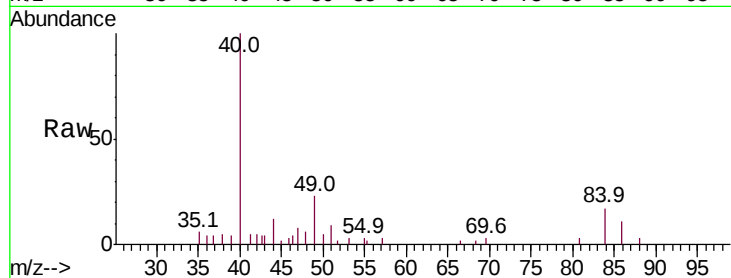


#20
Methvlene Chloride
Concen: 0.250 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX008382.D
Acq: 24 Mar 2019 11:26

Instrument :
MSVOA_X
ClientSampleId :
TB-20190226

Tot Ion: 84 Resp: 777

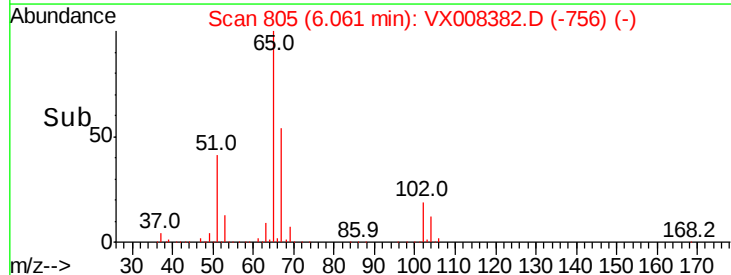
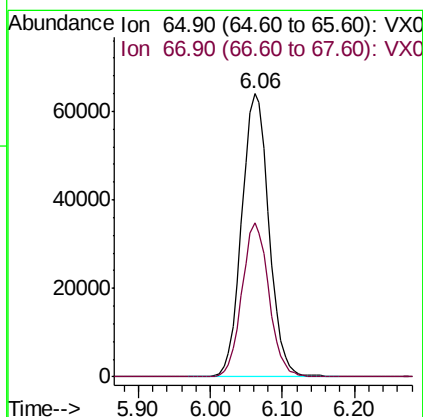
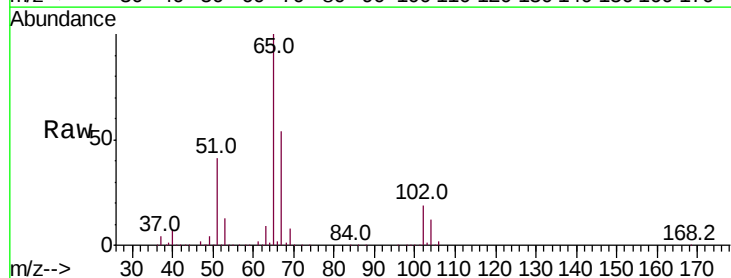
Ion	Ratio	Lower	Upper
84	100		
49	111.3	99.3	148.9
51	36.5	31.3	46.9
86	65.0	52.6	79.0

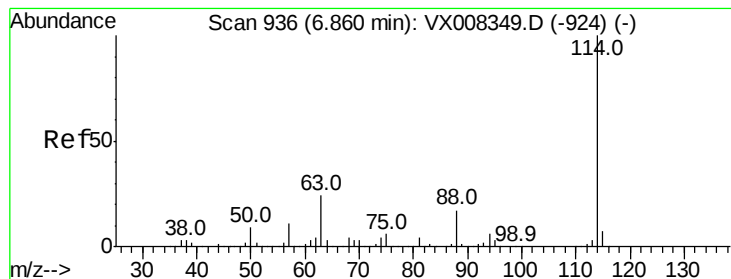


#33
1,2-Dichloroethane-d4
Concen: 48.678 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX008382.D
Acq: 24 Mar 2019 11:26

Tgt Ion: 65 Resp: 167964

Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	110.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008382.D

Acq: 24 Mar 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

TB-20190226

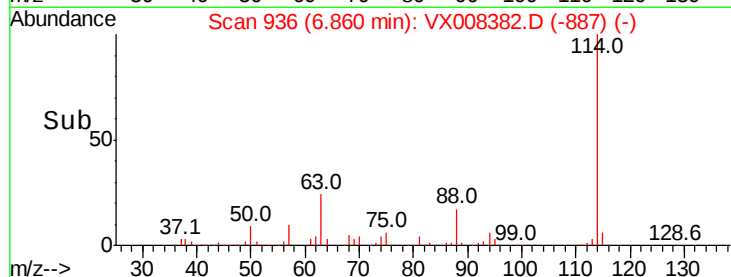
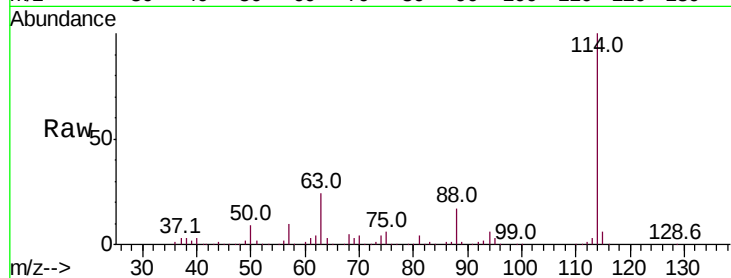
Tot Ion:114 Resp: 389848

Ion Ratio Lower Upper

114 100

63 23.8 0.0 39.8

88 16.8 0.0 31.4



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

200000

150000

100000

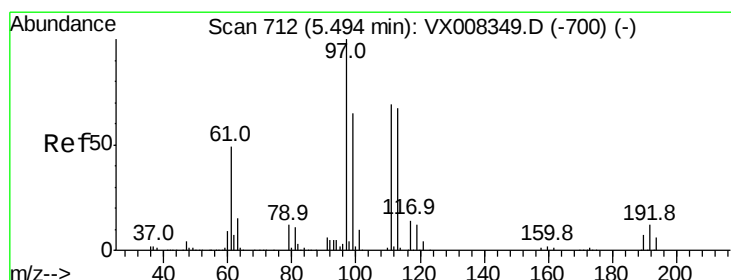
50000

0

6.86

6.70 6.80 6.90 7.00

Time-->



#35

Dibromofluoromethane

Concen: 48.360 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX008382.D

Acq: 24 Mar 2019 11:26

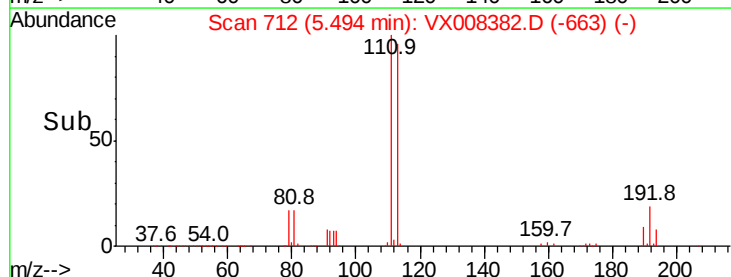
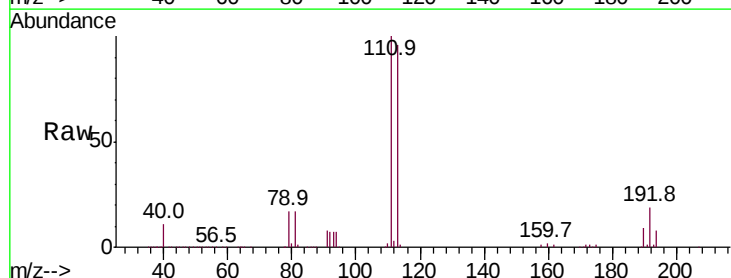
Tgt Ion:113 Resp: 122147

Ion Ratio Lower Upper

113 100

111 103.5 81.4 122.0

192 19.3 19.4 29.0#



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

60000

50000

40000

30000

20000

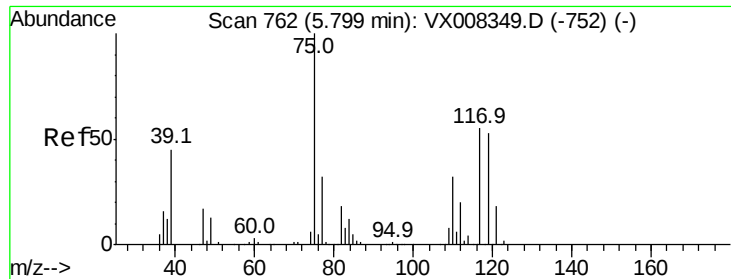
10000

0

5.49

5.40 5.50 5.60

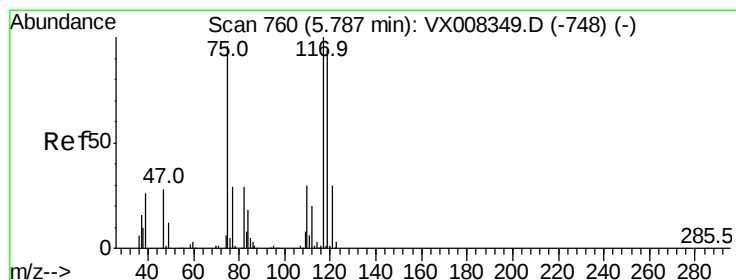
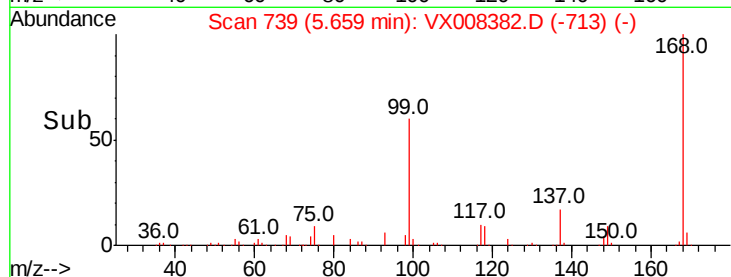
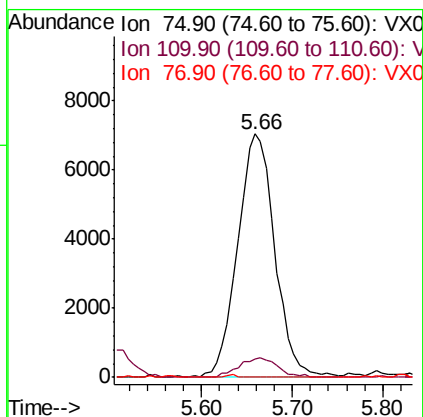
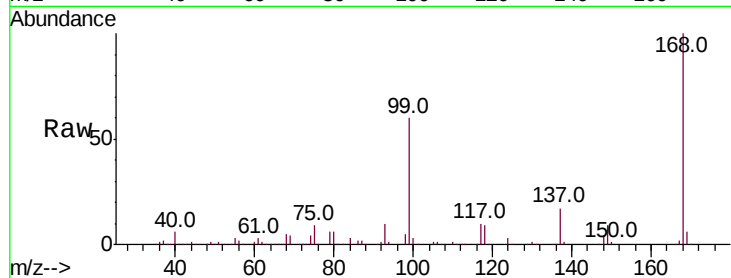
Time-->



#36
 1,1-Dichloropropene
 Concen: 5.018 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX008382.D
 Acq: 24 Mar 2019 11:26

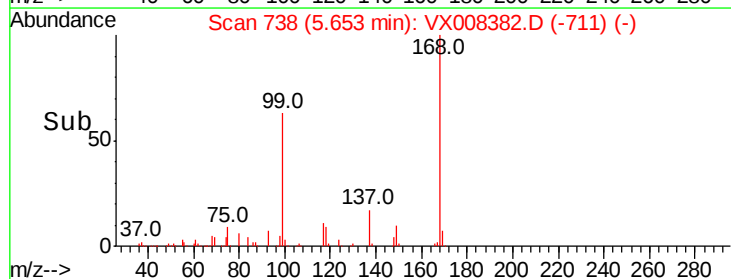
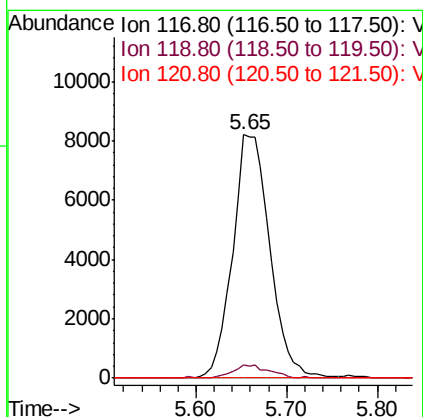
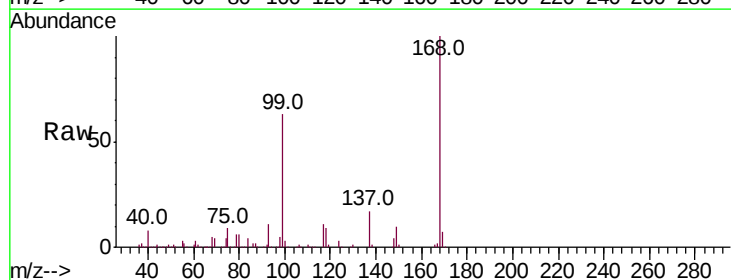
Instrument :
 MSVOA_X
 ClientSampleId :
 TB-20190226

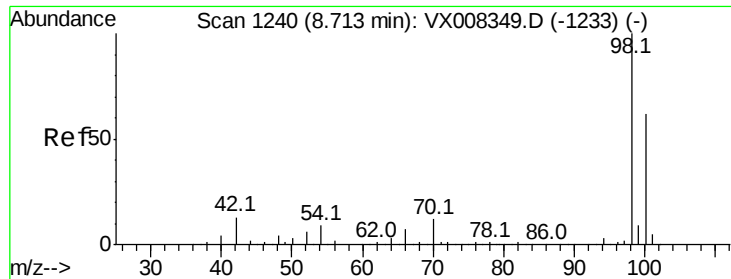
Tot Ion: 75 Resp: 19989
 Ion Ratio Lower Upper
 75 100
 110 8.5 18.4 55.0#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 6.845 ug/l
 RT: 5.65 min Scan# 738
 Delta R.T. -0.13 min
 Lab File: VX008382.D
 Acq: 24 Mar 2019 11:26

Tgt Ion: 117 Resp: 23376
 Ion Ratio Lower Upper
 117 100
 119 5.2 76.2 114.2#
 121 0.0 24.6 36.8#





#50

Toluene-d8

Concen: 49.421 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008382.D

Acq: 24 Mar 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

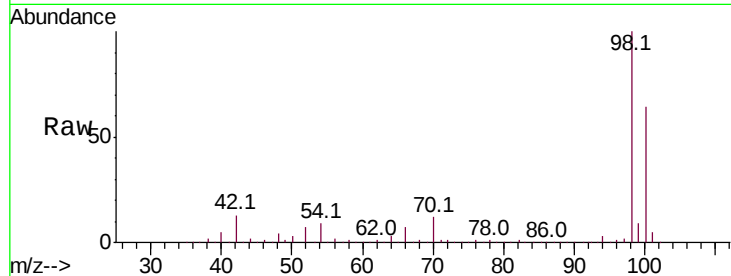
TB-20190226

Tot Ion: 98 Resp: 493726

Ion Ratio Lower Upper

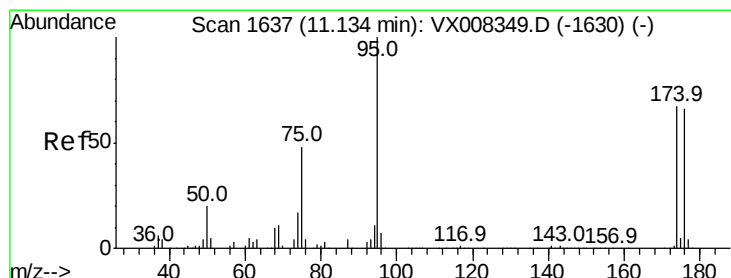
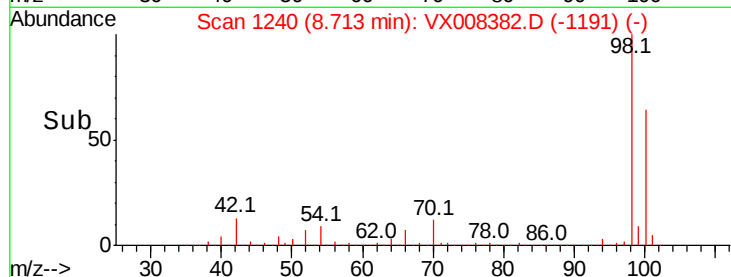
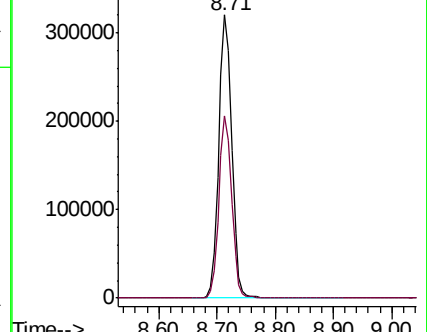
98 100

100 63.6 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 44.557 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008382.D

Acq: 24 Mar 2019 11:26

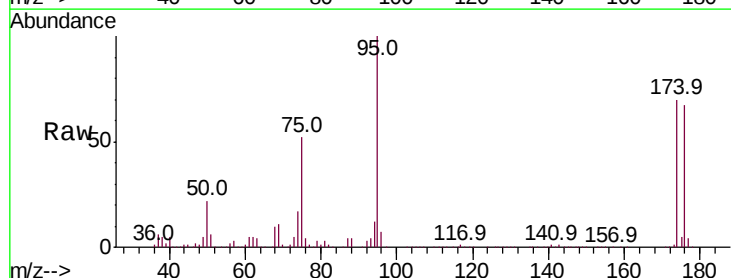
Tgt Ion: 95 Resp: 163437

Ion Ratio Lower Upper

95 100

174 73.3 0.0 182.8

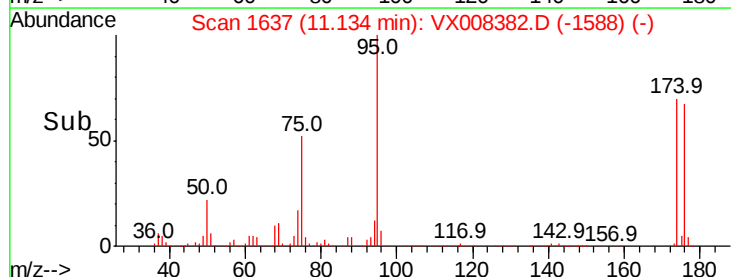
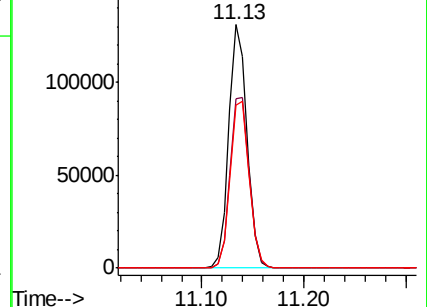
176 70.9 0.0 178.0

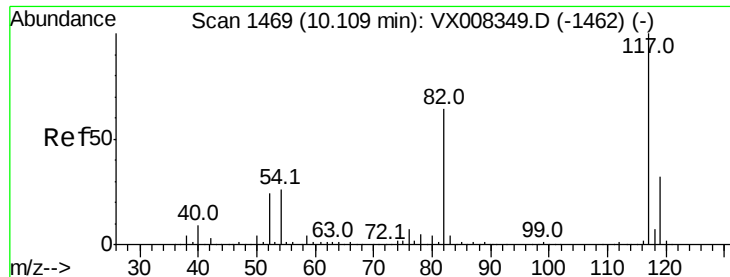


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

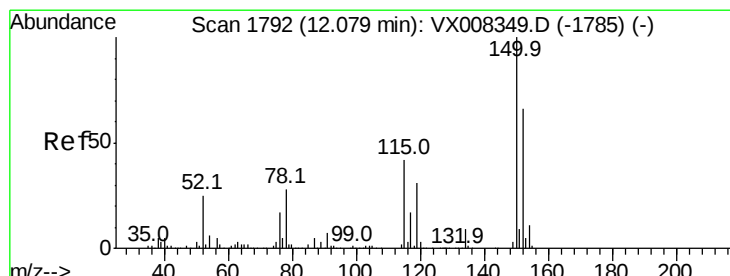
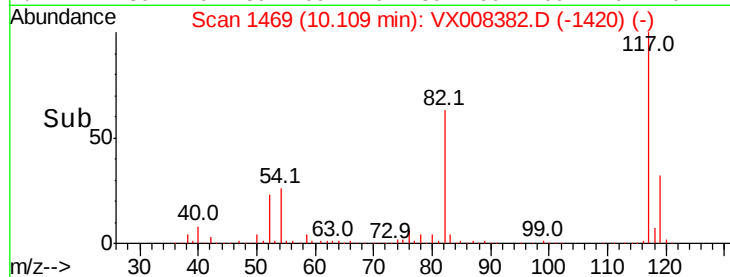
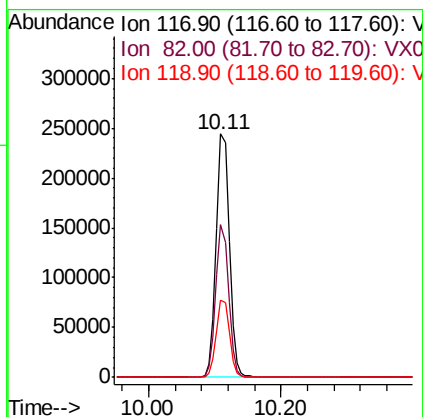
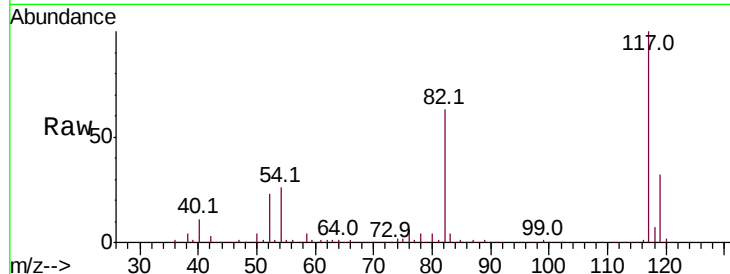




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008382.D
Acq: 24 Mar 2019 11:26

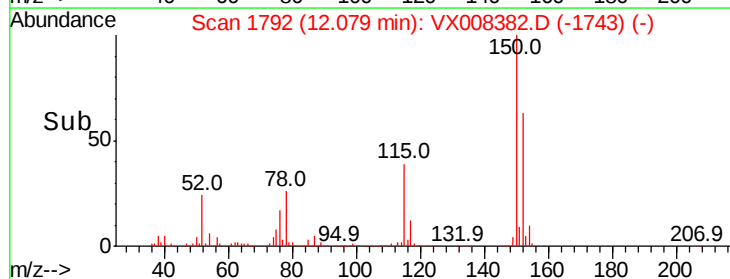
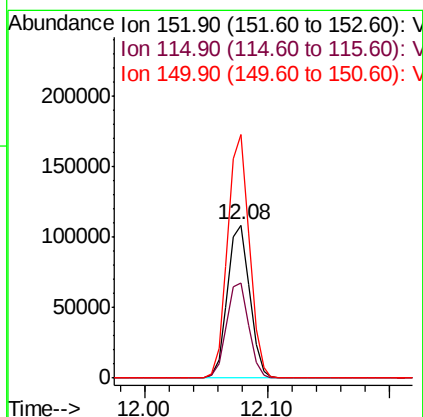
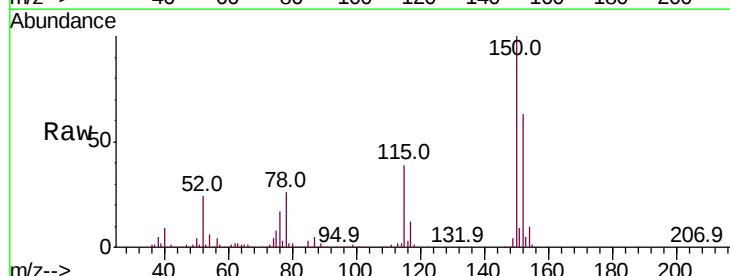
Instrument :
MSVOA_X
ClientSampleId :
TB-20190226

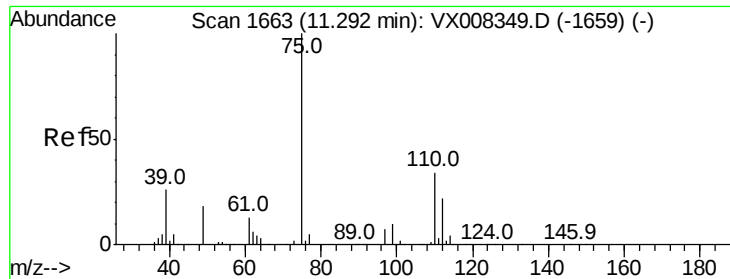
Tot Ion:117 Resp: 335341
Ion Ratio Lower Upper
117 100
82 62.5 44.3 66.5
119 31.9 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008382.D
Acq: 24 Mar 2019 11:26

Tgt Ion:152 Resp: 136262
Ion Ratio Lower Upper
152 100
115 62.3 38.6 115.7
150 155.8 0.0 348.4





#76

1,2,3-Trichloropropane

Concen: 23.767 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX008382.D

Acq: 24 Mar 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

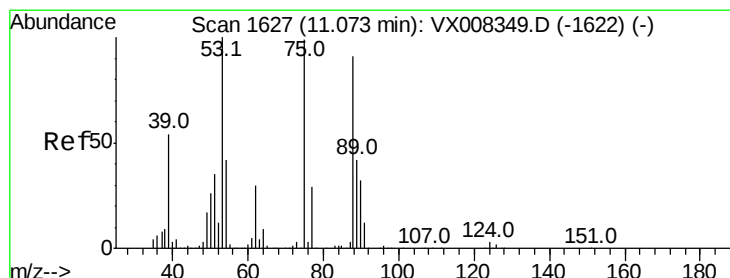
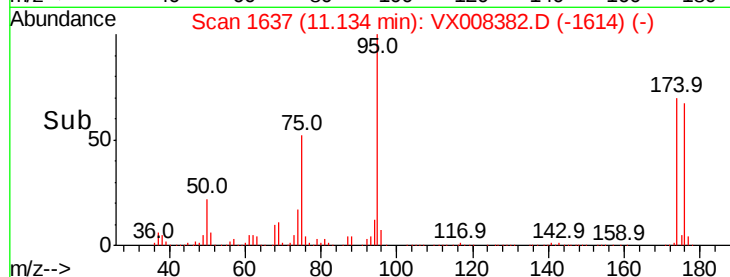
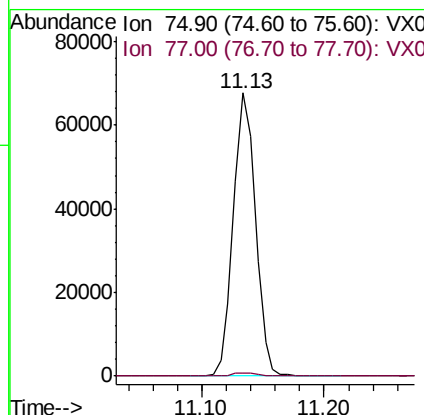
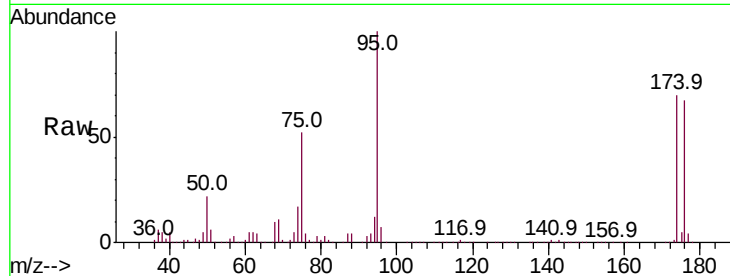
TB-20190226

Tot Ion: 75 Resp: 84767

Ion Ratio Lower Upper

75 100

77 1.5 18.9 56.7#



#81

trans-1,4-Dichloro-2-butene

Concen: 67.729 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX008382.D

Acq: 24 Mar 2019 11:26

Tgt Ion: 75 Resp: 84767

Ion Ratio Lower Upper

75 100

53 0.0 76.1 114.1#

89 0.0 36.3 54.5#

