

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032419\
 Data File : VX008383.D
 Acq On : 24 Mar 2019 11:49
 Operator : JC/SP
 Sample : K2059-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: Mar 25 05:44:22 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	5.67	168	223398	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	390130	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	334412	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	140226	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	166947	49.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.00%	
35) Dibromofluoromethane	5.50	113	121365	48.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.04%	
50) Toluene-d8	8.71	98	490564	49.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.14%	
62) 4-Bromofluorobenzene	11.13	95	166088	45.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.50%	

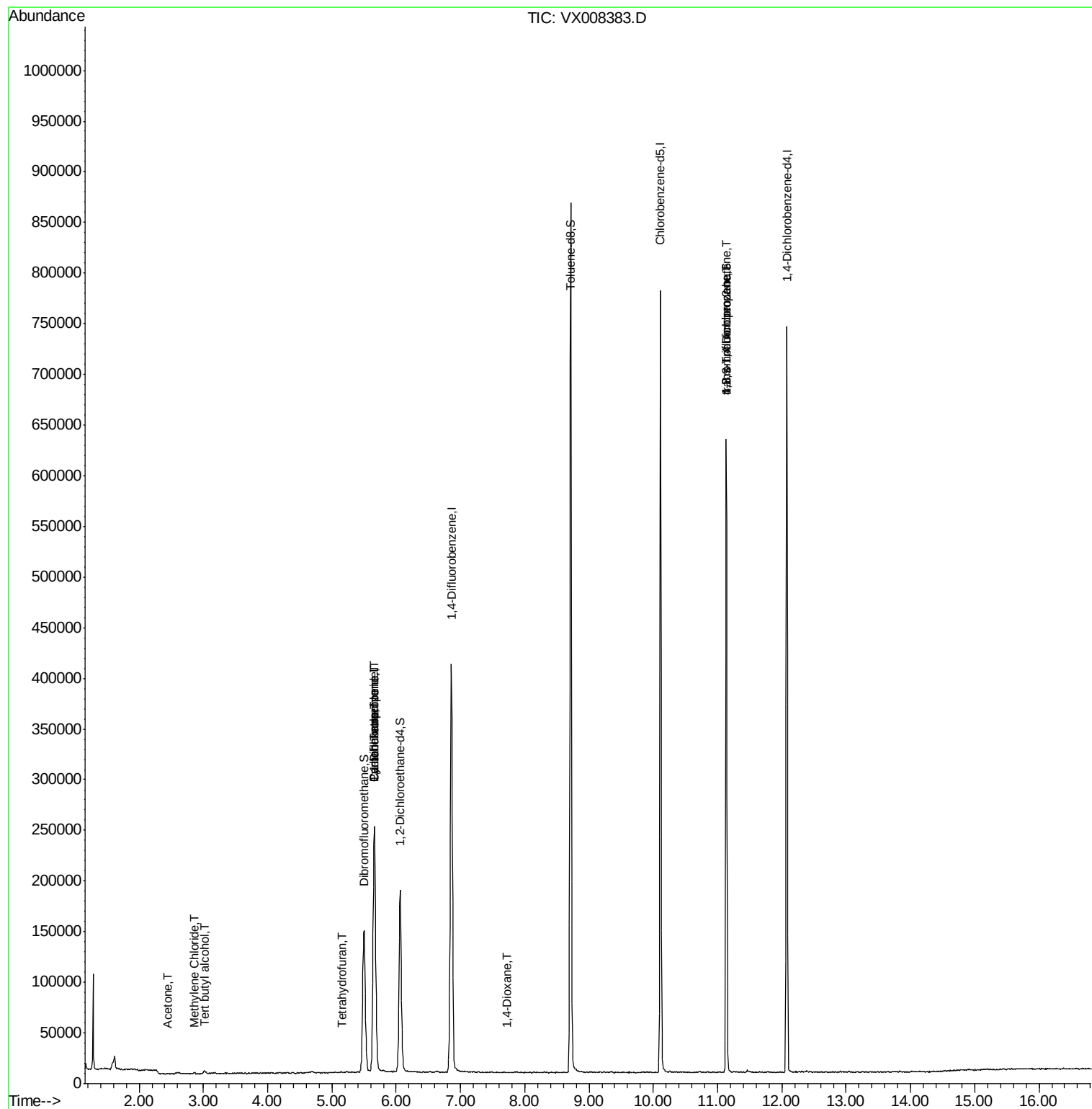
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.01	59	1732	2.282	ug/l #	87
16) Acetone	2.44	43	1426	0.837	ug/l #	79
20) Methylene Chloride	2.85	84	783	0.255	ug/l #	57
29) Tetrahydrofuran	5.15	42	397	0.213	ug/l #	55
31) Cyclohexane	5.66	56	5924	1.106	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	19614	4.920	ug/l #	49
38) Carbon Tetrachloride	5.66	117	22261	6.514	ug/l #	17
49) 1,4-Dioxane	7.73	88	46	0.538	ug/l #	61
76) 1,2,3-Trichloropropane	11.13	75	86085	23.454	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.13	75	86085	66.837	ug/l #	12

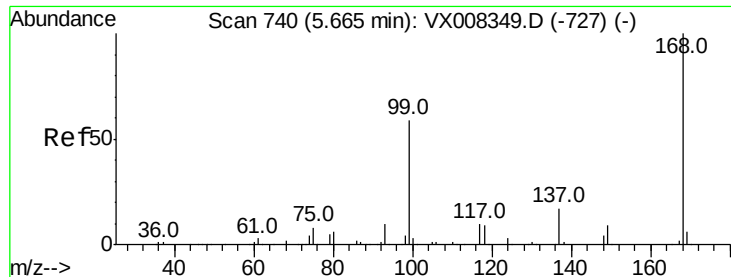
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX032419\
Data File : VX008383.D
Acq On : 24 Mar 2019 11:49
Operator : JC/SP
Sample : K2059-10
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

Quant Time: Mar 25 05:44:22 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X032319W.M
Quant Title : SW846 8260
QLast Update : Sat Mar 23 15:27:34 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: VX008383.D

Acq: 24 Mar 2019 11:49

Instrument :

MSVOA_X

ClientSampleId :

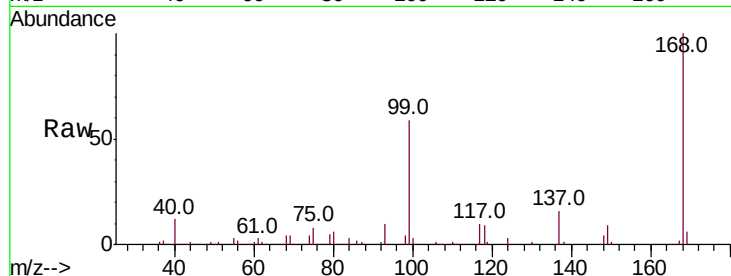
TRIP-BLANK

Tot Ion:168 Resp: 223398

Ion Ratio Lower Upper

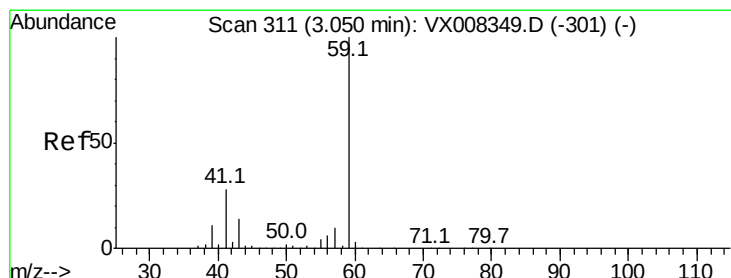
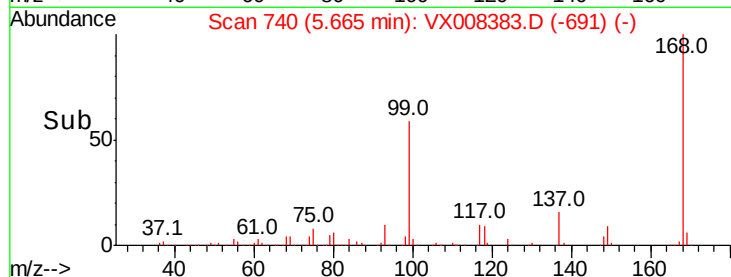
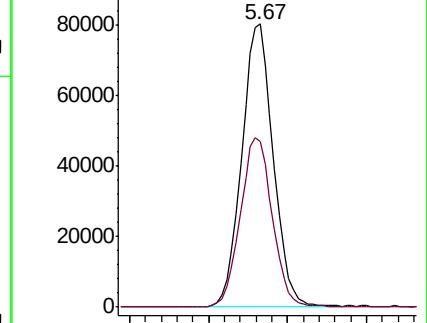
168 100

99 58.6 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: 2.282 ug/l

RT: 3.01 min Scan# 305

Delta R.T. -0.04 min

Lab File: VX008383.D

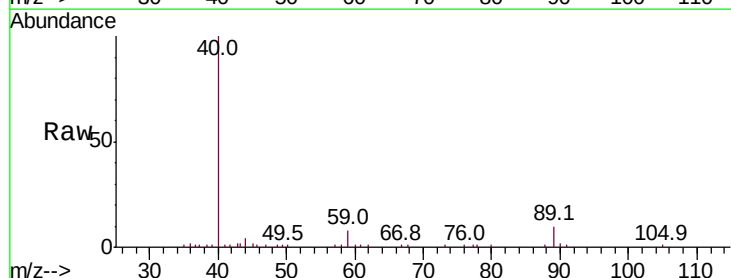
Acq: 24 Mar 2019 11:49

Tgt Ion: 59 Resp: 1732

Ion Ratio Lower Upper

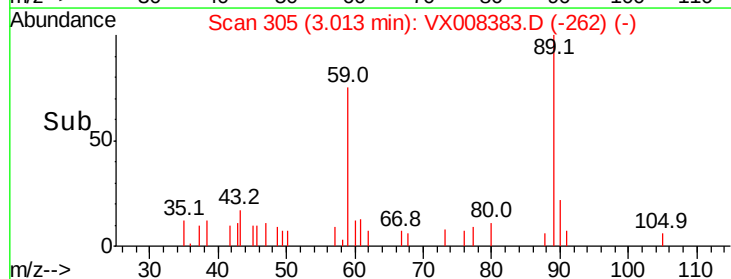
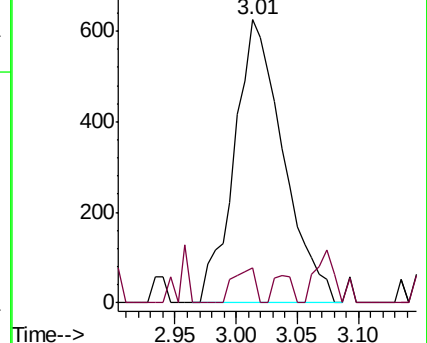
59 100

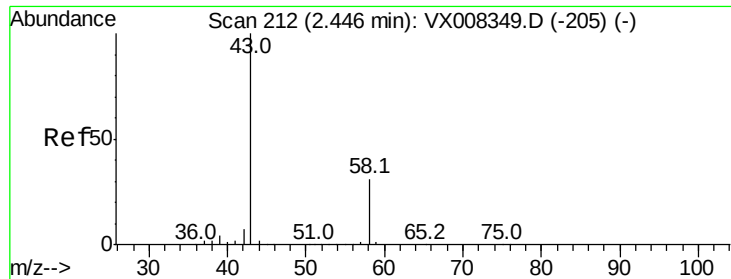
57 5.4 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#16

Acetone

Concen: 0.837 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX008383.D

Acq: 24 Mar 2019 11:49

Instrument :

MSVOA_X

ClientSampled :

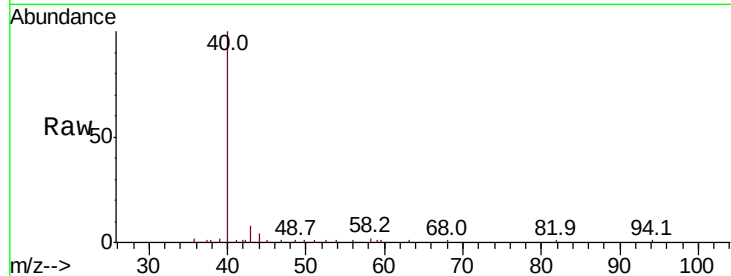
TRIP-BLANK

Tot Ion: 43 Resp: 1426

Ion Ratio Lower Upper

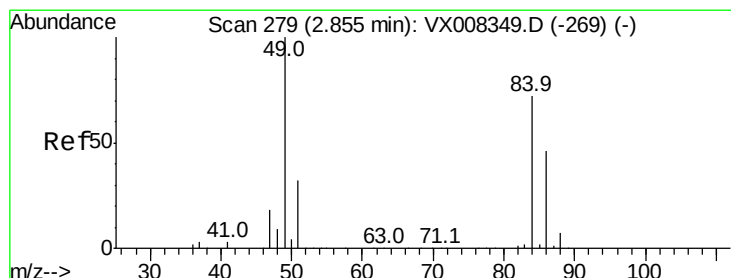
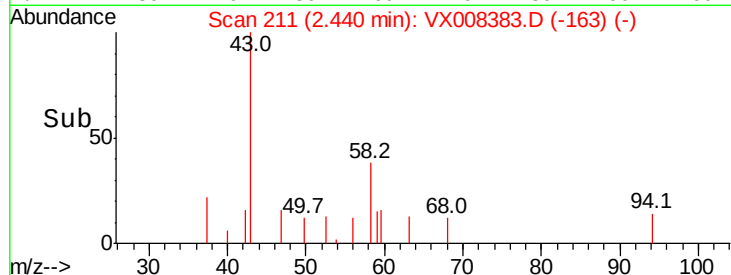
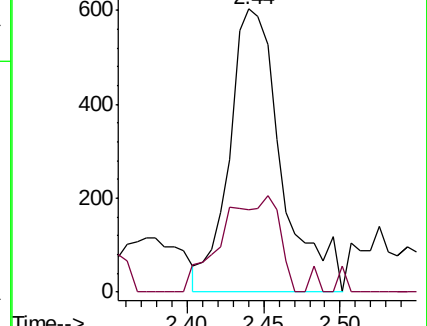
43 100

58 20.2 25.5 38.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#20

Methylene Chloride

Concen: 0.255 ug/l

RT: 2.85 min Scan# 278

Delta R.T. -0.01 min

Lab File: VX008383.D

Acq: 24 Mar 2019 11:49

Tgt Ion: 84 Resp: 783

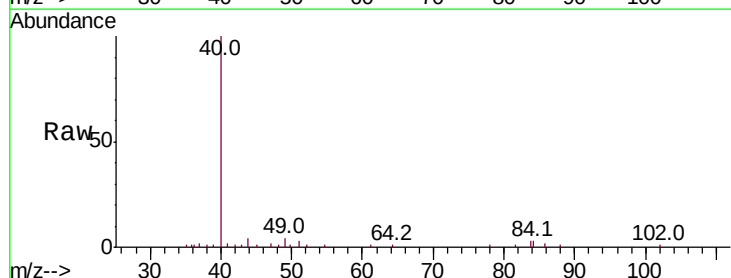
Ion Ratio Lower Upper

84 100

49 58.1 99.3 148.9#

51 44.3 31.3 46.9

86 37.4 52.6 79.0#

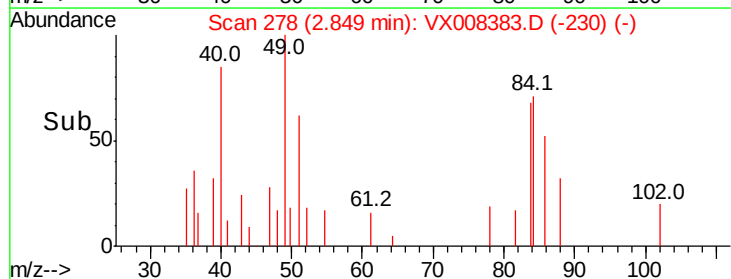
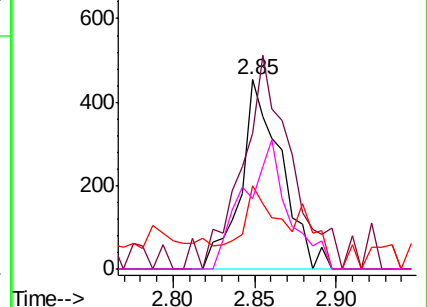


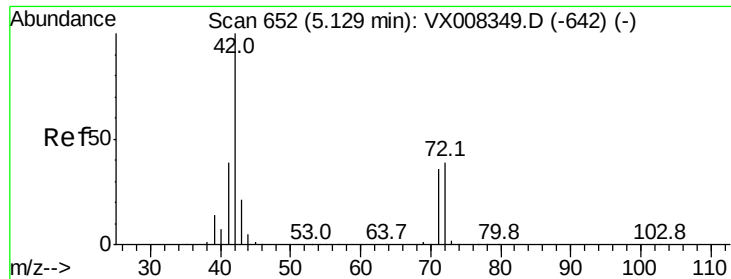
Abundance Ion 83.90 (83.60 to 84.60): VX0

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

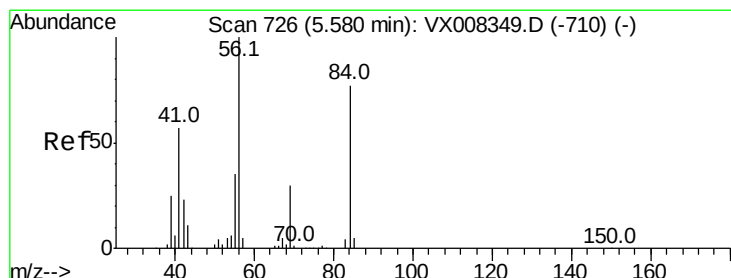
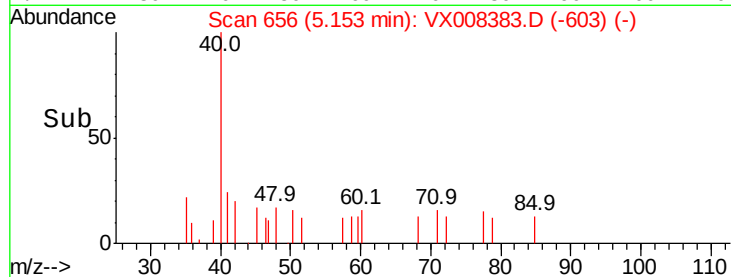
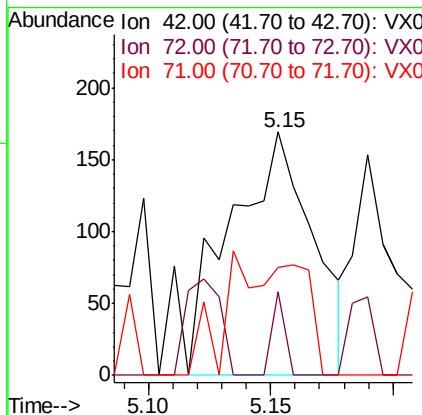
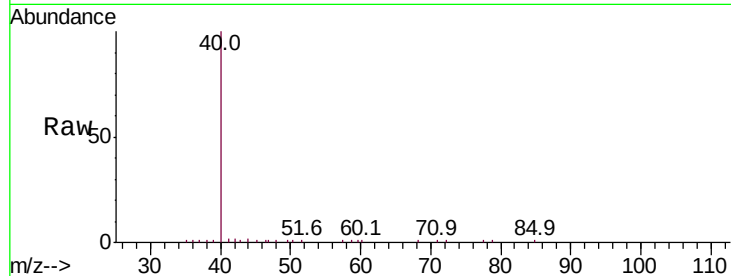




#29
Tetrahydrofuran
Concen: 0.213 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.02 min
Lab File: VX008383.D
Acq: 24 Mar 2019 11:49

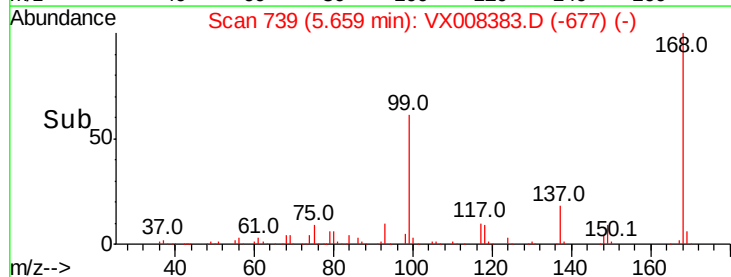
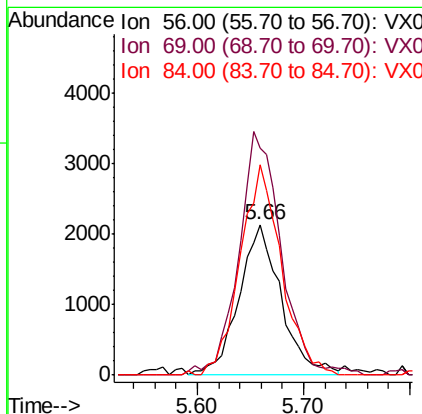
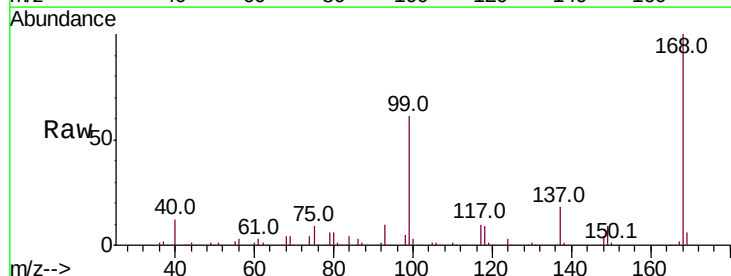
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

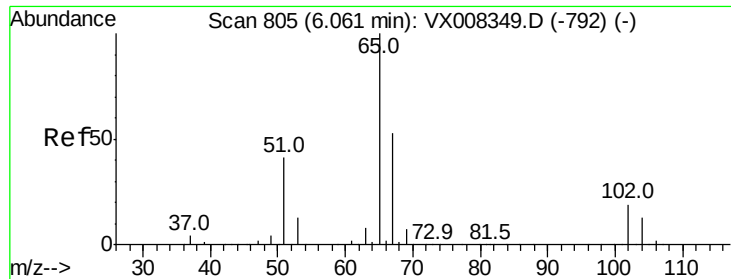
Tot Ion	Ratio	Lower	Upper
42	100		
72	5.3	33.8	50.6#
71	20.7	31.5	47.3#



#31
Cyclohexane
Concen: 1.106 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.08 min
Lab File: VX008383.D
Acq: 24 Mar 2019 11:49

Tgt Ion	Ratio	Lower	Upper
56	100		
69	148.0	24.0	36.0#
84	139.5	65.3	97.9#

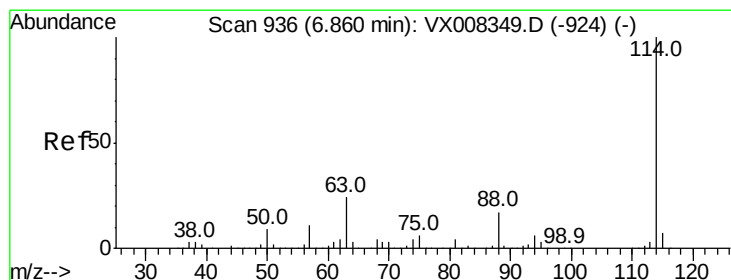
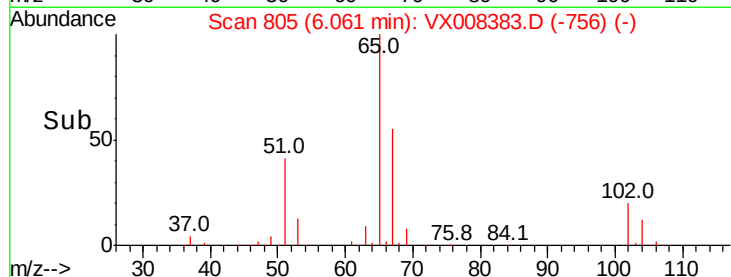
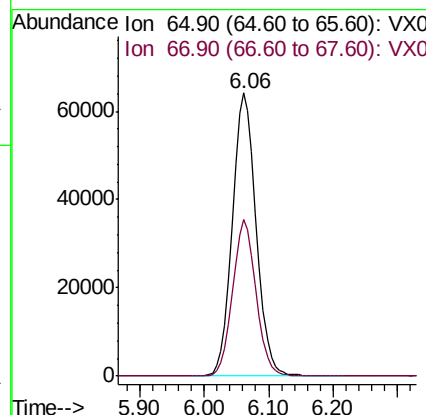
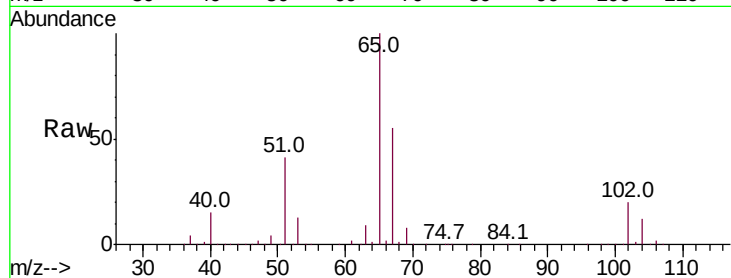




#33
 1,2-Dichloroethane-d4
 Concen: 48.997 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX008383.D
 Acq: 24 Mar 2019 11:49

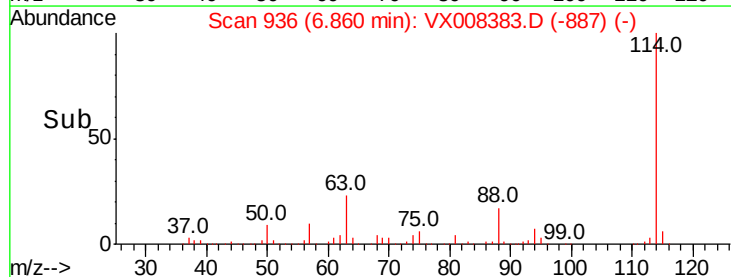
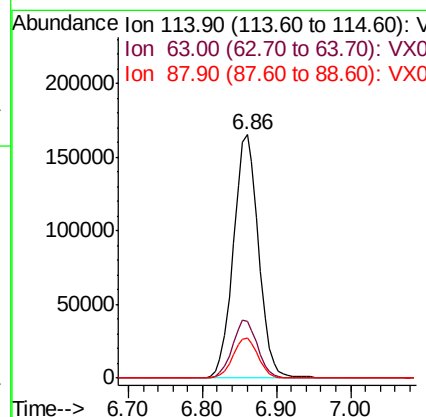
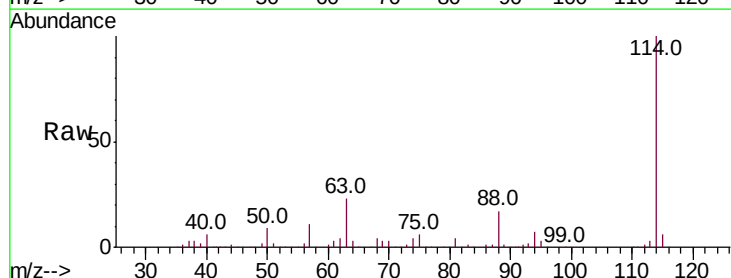
Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

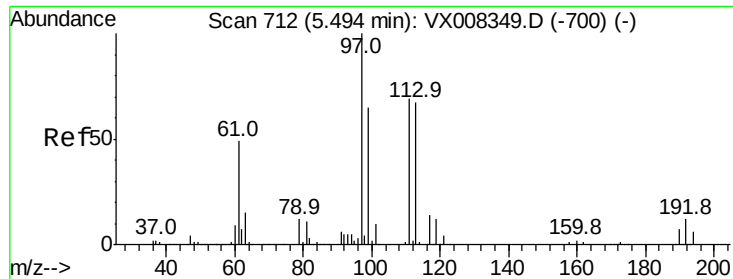
Tot Ion: 65 Resp: 166947
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008383.D
 Acq: 24 Mar 2019 11:49

Tgt Ion: 114 Resp: 390130
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 39.8
 88 16.6 0.0 31.4





#35

Dibromofluoromethane

Concen: 48.015 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX008383.D

Acq: 24 Mar 2019 11:49

Instrument :

MSVOA_X

ClientSampleId :

TRIP-BLANK

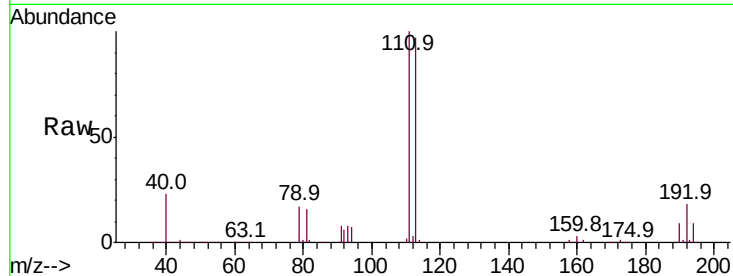
Tot Ion:113 Resp: 121365

Ion Ratio Lower Upper

113 100

111 103.0 81.4 122.0

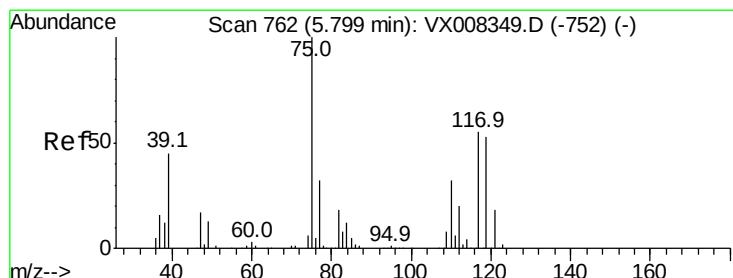
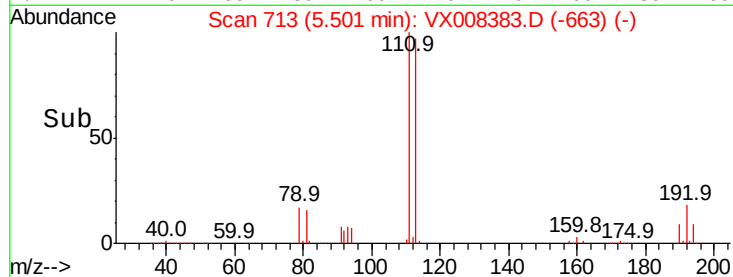
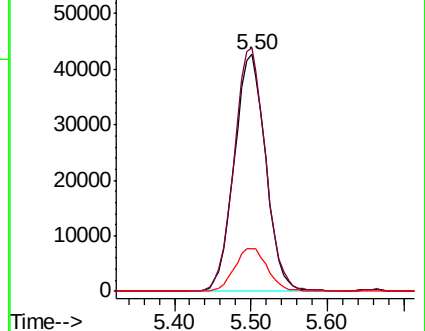
192 19.2 19.4 29.0#



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



#36

1,1-Dichloropropene

Concen: 4.920 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX008383.D

Acq: 24 Mar 2019 11:49

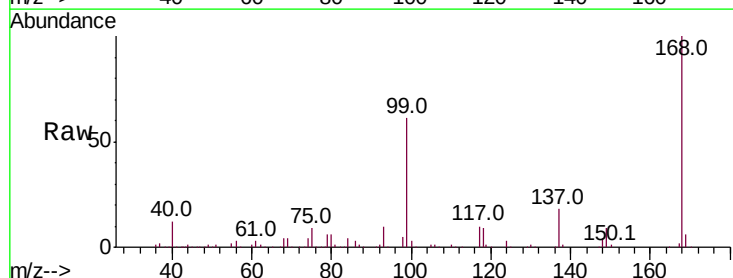
Tgt Ion: 75 Resp: 19614

Ion Ratio Lower Upper

75 100

110 8.7 18.4 55.0#

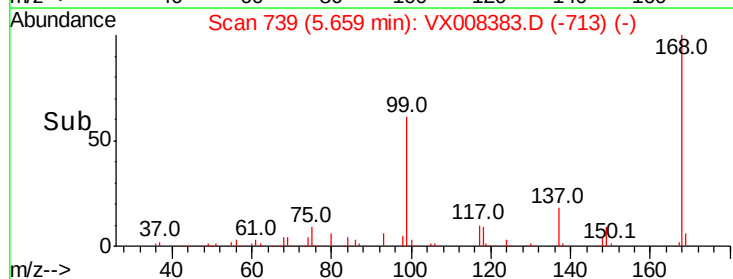
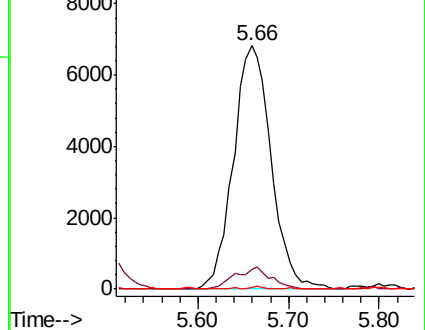
77 0.3 25.0 37.4#

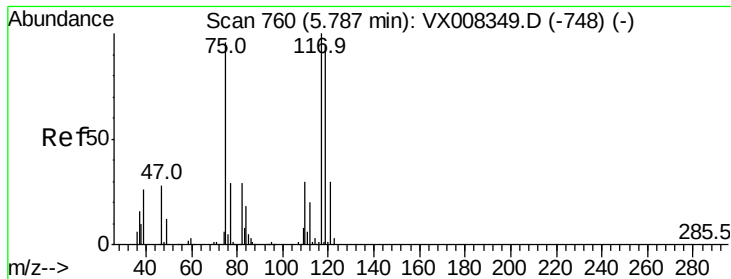


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.514 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.13 min

Lab File: VX008383.D

Acq: 24 Mar 2019 11:49

Instrument :

MSVOA_X

ClientSampled :

TRIP-BLANK

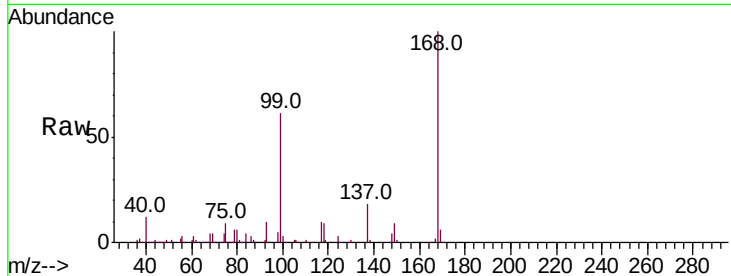
Tot Ion:117 Resp: 22261

Ion Ratio Lower Upper

117 100

119 5.9 76.2 114.2#

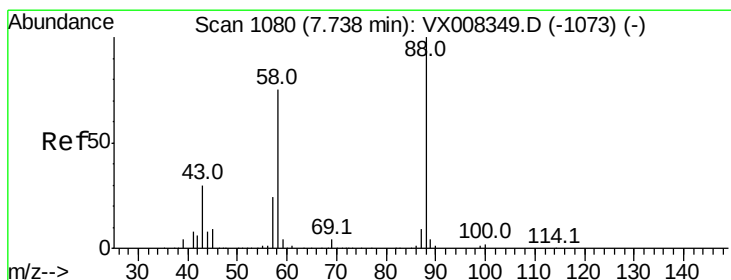
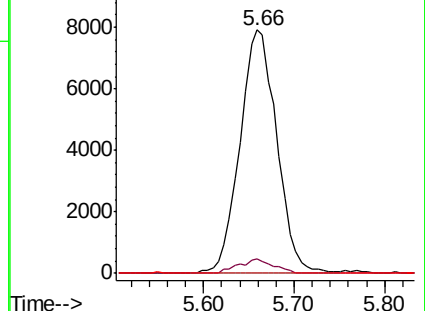
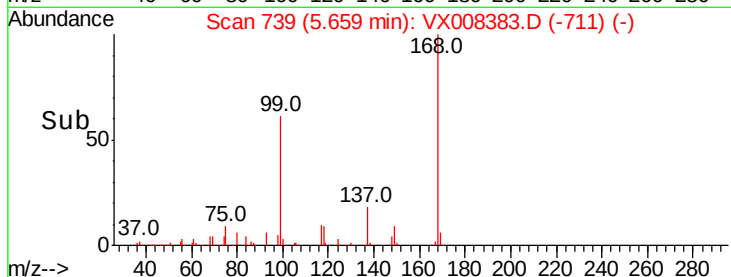
121 0.0 24.6 36.8#



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: 0.538 ug/l

RT: 7.73 min Scan# 1078

Delta R.T. -0.01 min

Lab File: VX008383.D

Acq: 24 Mar 2019 11:49

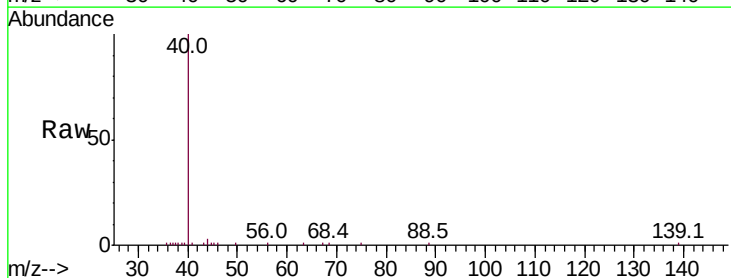
Tgt Ion: 88 Resp: 46

Ion Ratio Lower Upper

88 100

43 0.0 25.1 37.7#

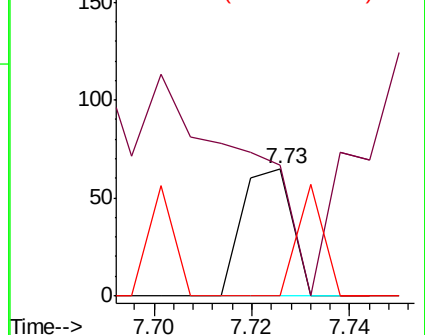
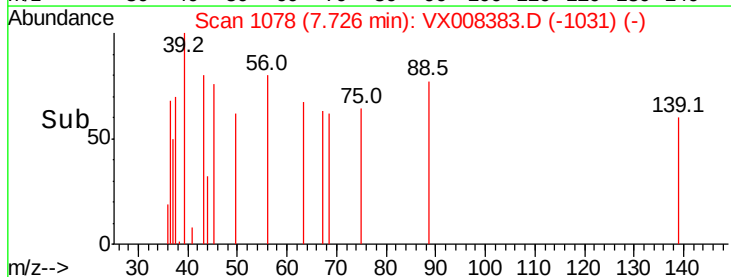
58 45.7 57.8 86.6#

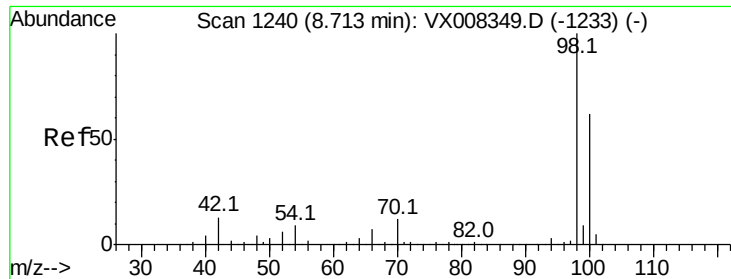


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

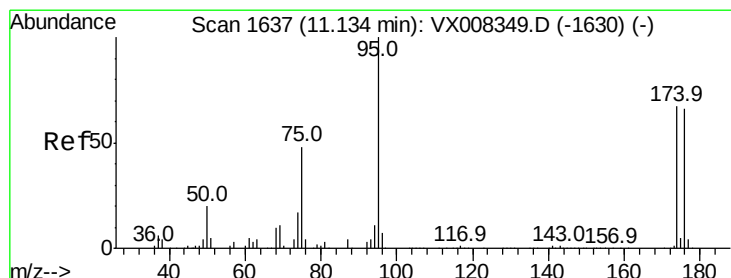
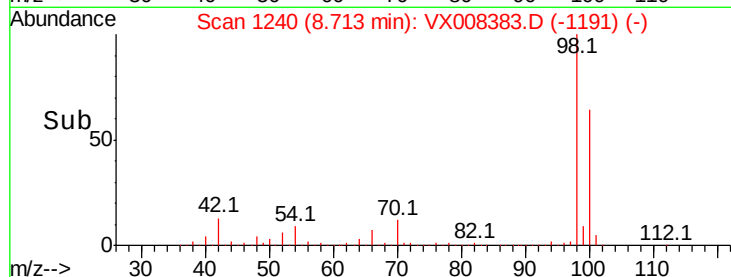
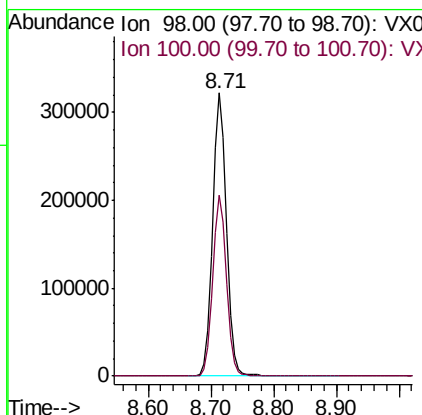
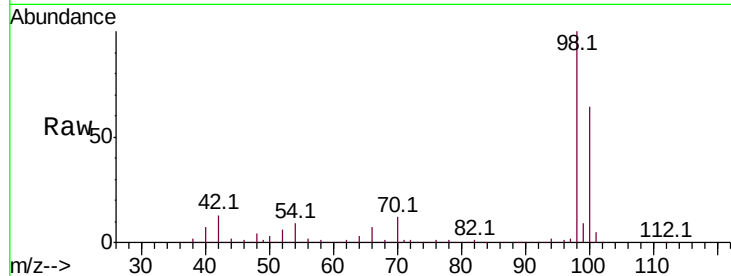




#50
Toluene-d8
Concen: 49.069 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008383.D
Acq: 24 Mar 2019 11:49

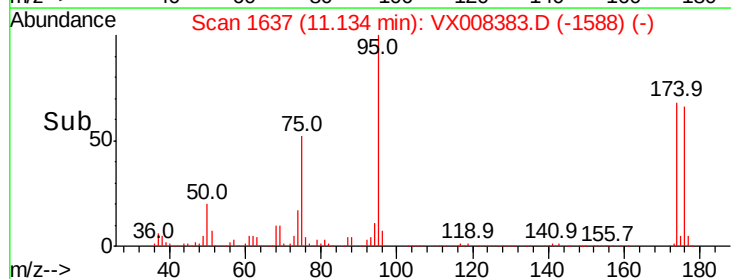
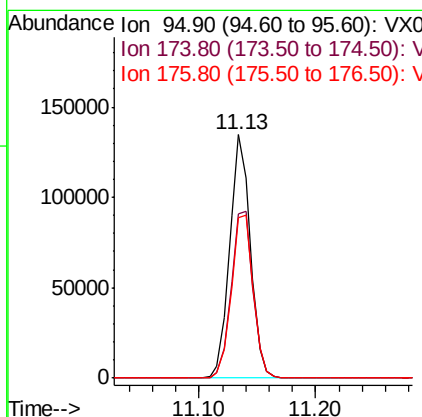
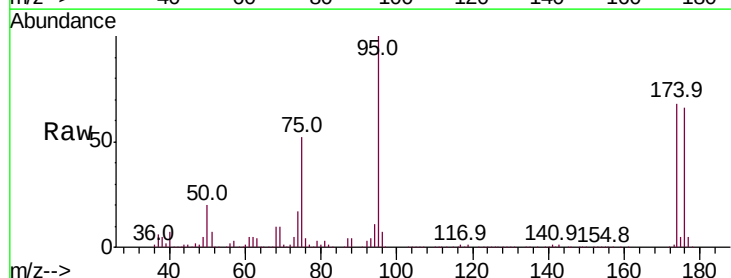
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

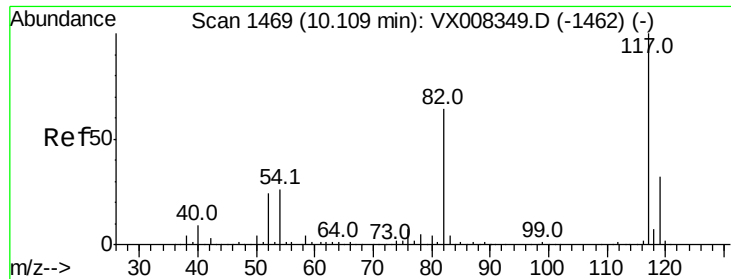
Tot Ion: 98 Resp: 490564
Ion Ratio Lower Upper
98 100
100 63.8 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 45.247 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX008383.D
Acq: 24 Mar 2019 11:49

Tgt Ion: 95 Resp: 166088
Ion Ratio Lower Upper
95 100
174 72.7 0.0 182.8
176 71.1 0.0 178.0

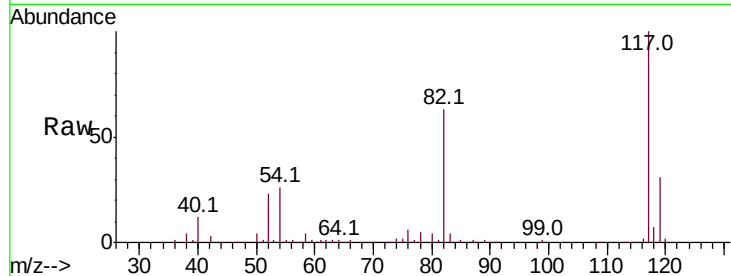




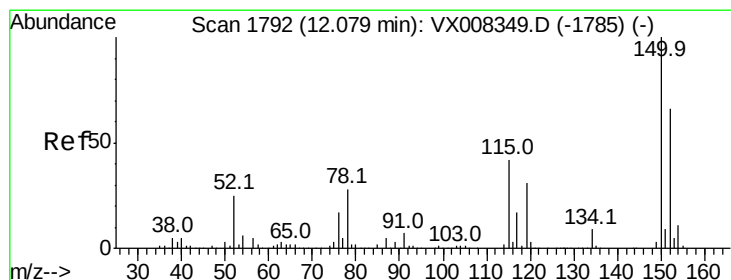
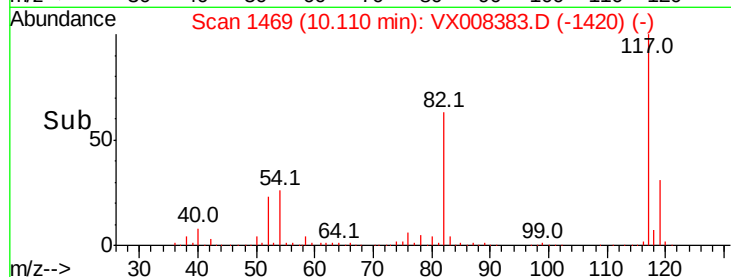
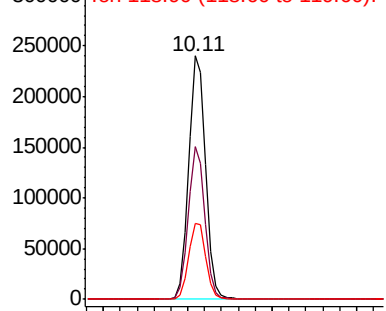
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008383.D
Acq: 24 Mar 2019 11:49

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

Tot Ion:117 Resp: 334412
Ion Ratio Lower Upper
117 100
82 62.6 44.3 66.5
119 31.4 25.3 37.9

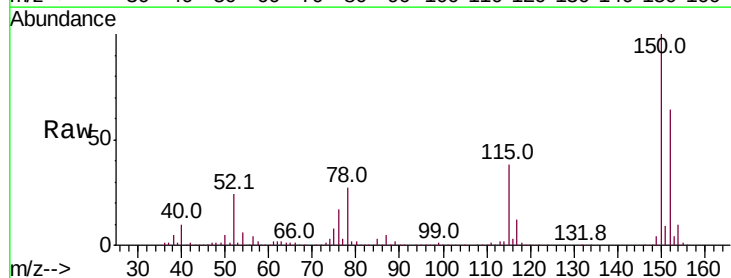


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

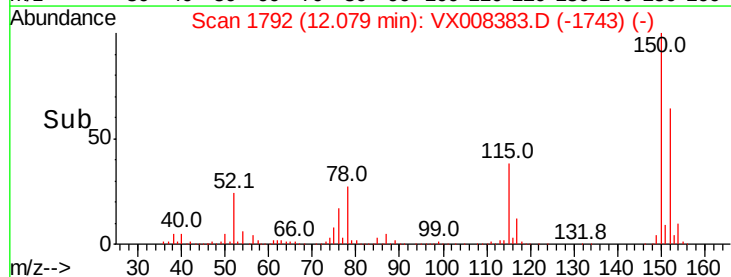
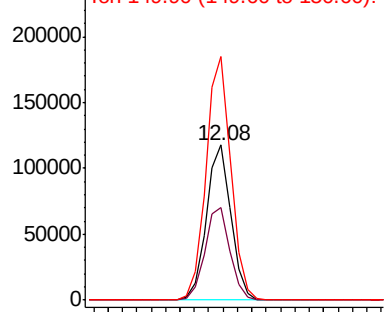


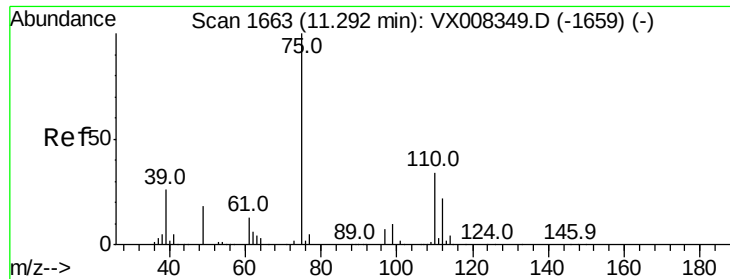
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX008383.D
Acq: 24 Mar 2019 11:49

Tgt Ion:152 Resp: 140226
Ion Ratio Lower Upper
152 100
115 61.4 38.6 115.7
150 158.5 0.0 348.4



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

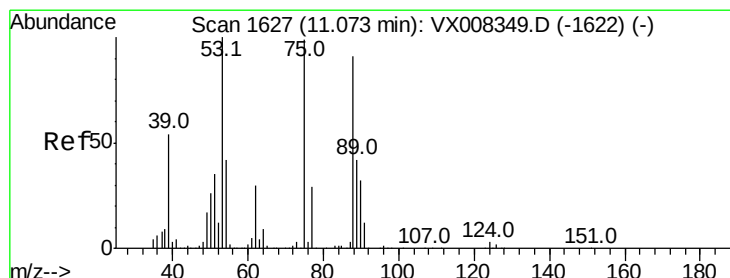
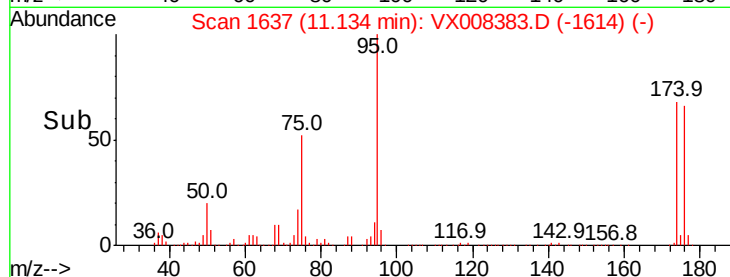
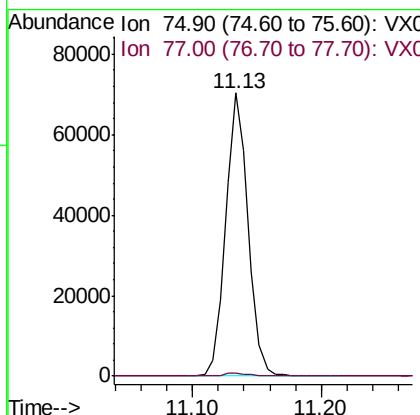
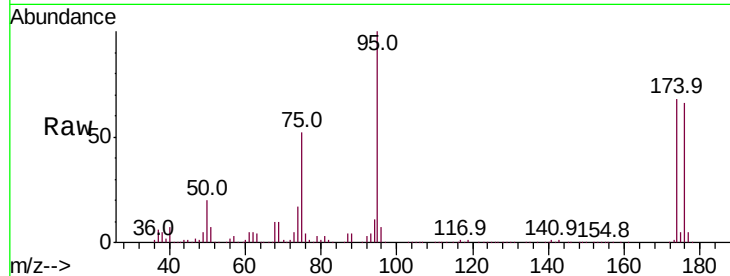




#76
 1,2,3-Trichloropropane
 Concen: 23.454 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX008383.D
 Acq: 24 Mar 2019 11:49

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Tot Ion: 75 Resp: 86085
 Ion Ratio Lower Upper
 75 100
 77 1.3 18.9 56.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.837 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX008383.D
 Acq: 24 Mar 2019 11:49

Tgt Ion: 75 Resp: 86085
 Ion Ratio Lower Upper
 75 100
 53 0.2 76.1 114.1#
 89 0.0 36.3 54.5#

