

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072618\
 Data File : VX003692.D
 Acq On : 27 Jul 2018 02:26
 Operator : JC/SP
 Sample : J4154-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-TB-2018-1

Quant Time: Jul 27 06:43:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 27 02:16:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	92914	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	141942	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	133622	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	68001	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	77011	55.95	ug/l	0.00
Spiked Amount			Recovery	=	111.90%	
35) Dibromofluoromethane	5.51	113	62768	54.09	ug/l	0.00
Spiked Amount			Recovery	=	108.18%	
50) Toluene-d8	8.72	98	229127	51.74	ug/l	0.00
Spiked Amount			Recovery	=	103.48%	
62) 4-Bromofluorobenzene	11.14	95	75737	46.89	ug/l	0.00
Spiked Amount			Recovery	=	93.78%	

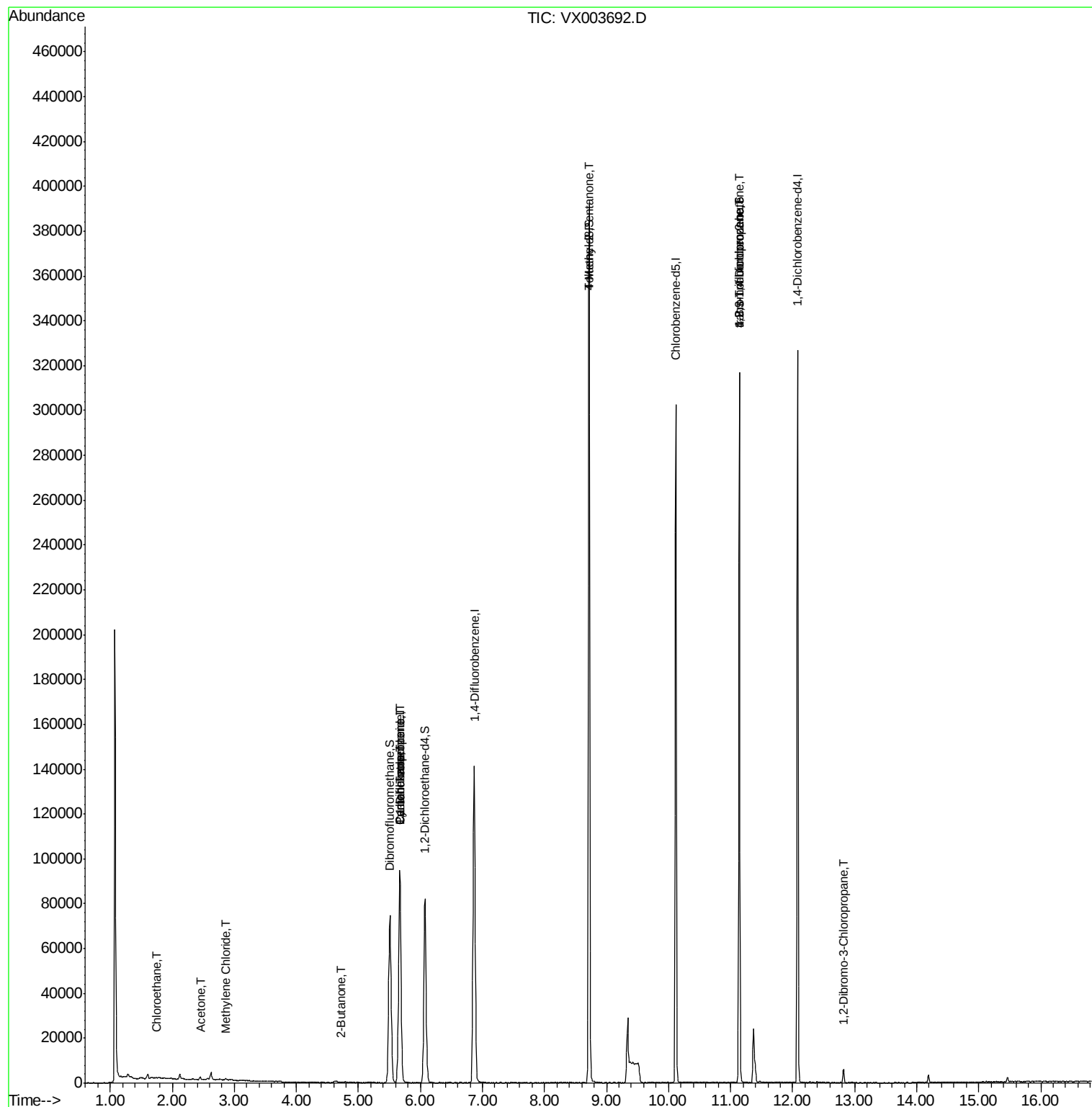
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.75	64	166	2.10	ug/l #	42
16) Acetone	2.45	43	1361	2.10	ug/l	97
20) Methylene Chloride	2.86	84	281	0.22	ug/l #	76
25) 2-Butanone	4.72	43	206	0.21	ug/l #	50
31) Cyclohexane	5.67	56	1809	0.98	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	6537	3.94	ug/l #	49
38) Carbon Tetrachloride	5.67	117	8697	5.44	ug/l #	14
51) 4-Methyl-2-Pentanone	8.72	43	1022	0.52	ug/l #	1
76) 1,2,3-Trichloropropane	11.14	75	38381	26.91	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.14	75	38381	83.37	ug/l #	11
92) 1,2-Dibromo-3-Chloropropan	12.82	75	154	0.43	ug/l #	1

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

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Quant Time: Jul 27 06:43:19 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 27 02:16:51 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003692.D

Acq: 27 Jul 2018 02:26

Instrument :

MSVOA_X

ClientSampleId :

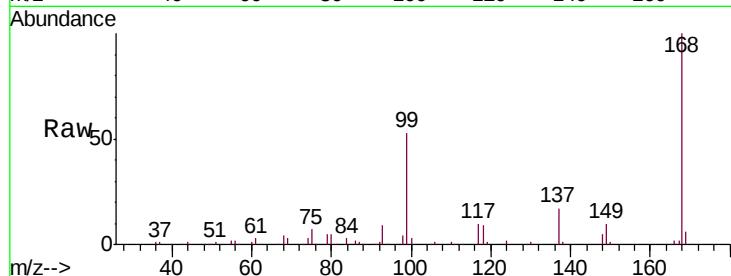
FL-TB-2018-1

Tot Ion:168 Resp: 92914

Ion Ratio Lower Upper

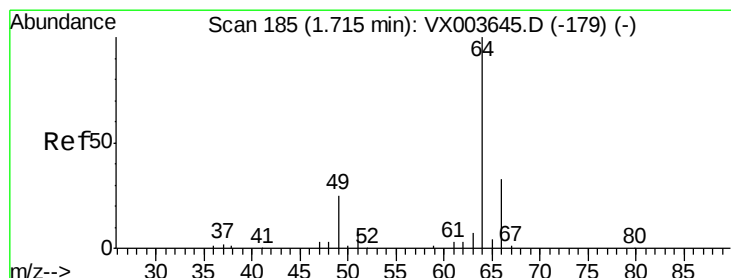
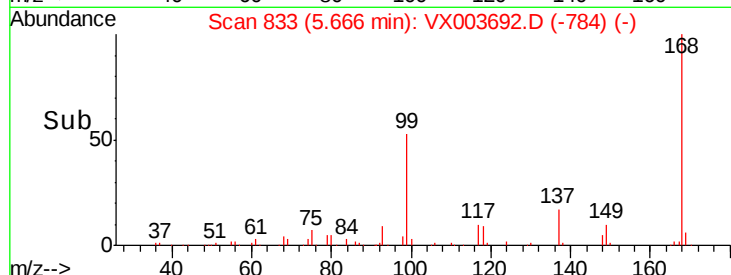
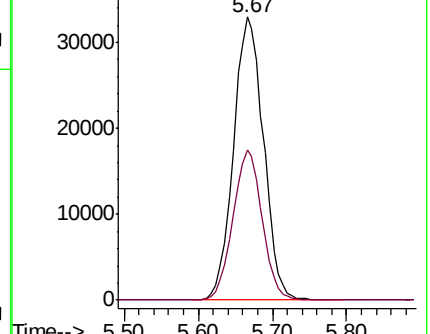
168 100

99 53.1 49.5 74.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#6

Chloroethane

Concen: 2.10 ug/l

RT: 1.75 min Scan# 191

Delta R.T. 0.04 min

Lab File: VX003692.D

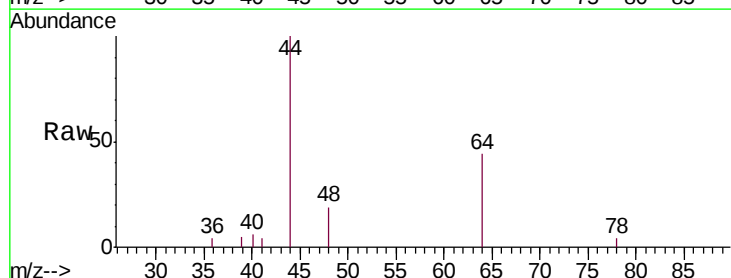
Acq: 27 Jul 2018 02:26

Tgt Ion: 64 Resp: 166

Ion Ratio Lower Upper

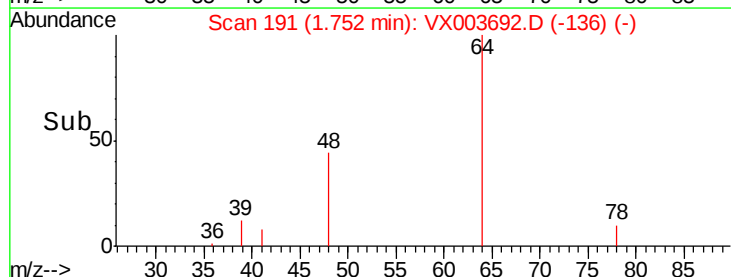
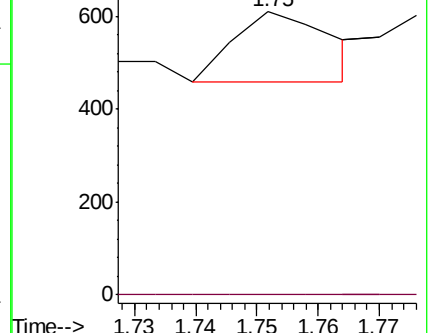
64 100

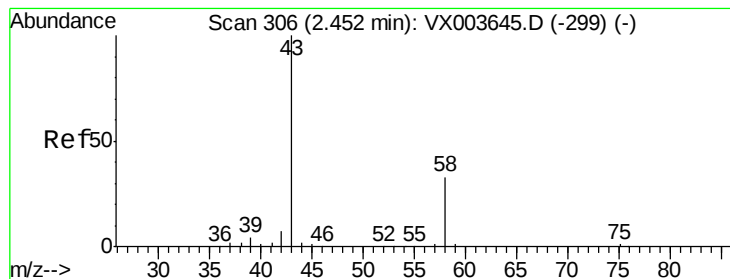
66 0.0 26.3 39.5#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#16

Acetone

Concen: 2.10 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX003692.D

Acq: 27 Jul 2018 02:26

Instrument :

MSVOA_X

ClientSampled :

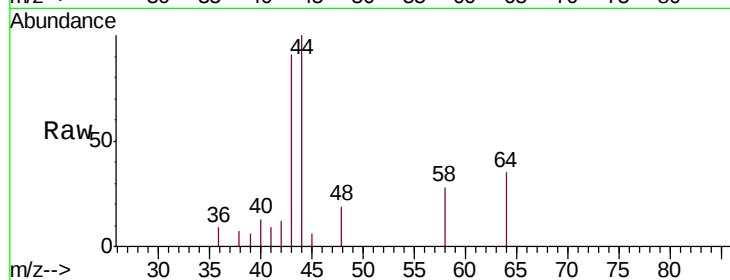
FL-TB-2018-1

Tot Ion: 43 Resp: 1361

Ion Ratio Lower Upper

43 100

58 30.9 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

800

600

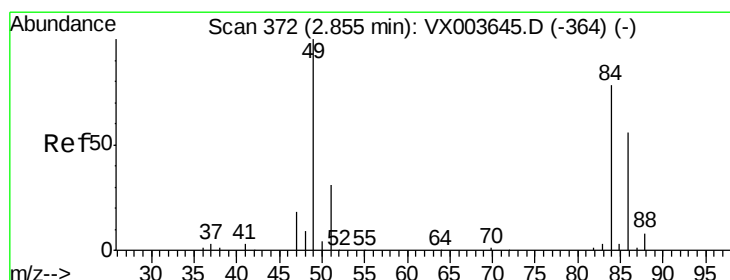
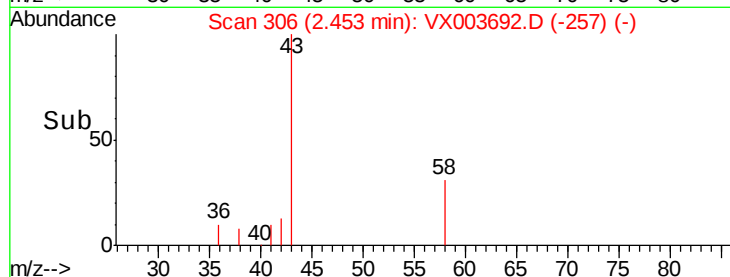
400

200

0

2.40 2.45 2.50

Time-->



#20

Methylene Chloride

Concen: 0.22 ug/l

RT: 2.86 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX003692.D

Acq: 27 Jul 2018 02:26

Tgt Ion: 84 Resp: 281

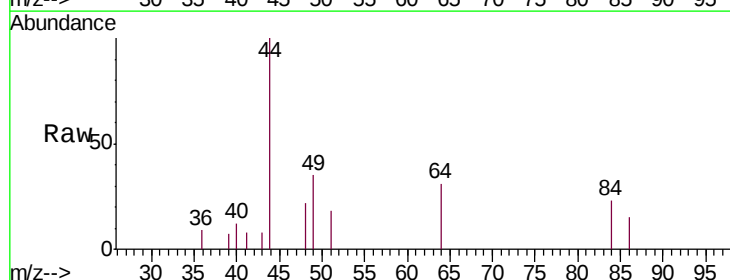
Ion Ratio Lower Upper

84 100

49 150.6 102.3 153.5

51 80.5 31.8 47.8#

86 65.5 57.4 86.2



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

400

300

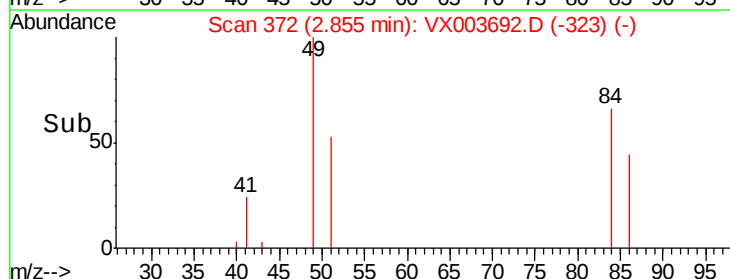
200

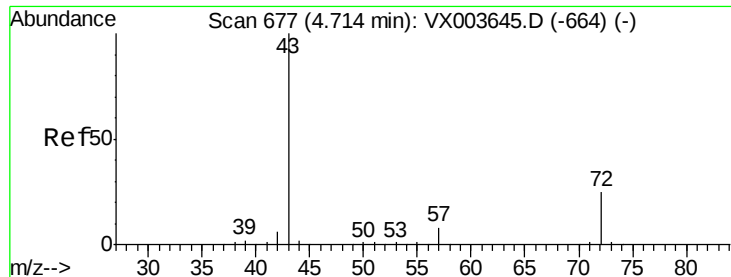
100

0

2.85 2.86 2.90

Time-->





#25

2-Butanone

Concen: 0.21 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX003692.D

Acq: 27 Jul 2018 02:26

Instrument :

MSVOA_X

ClientSampleId :

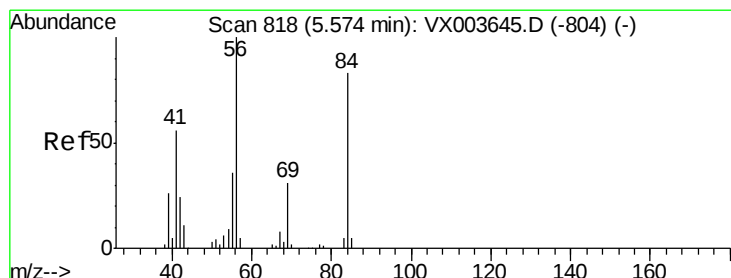
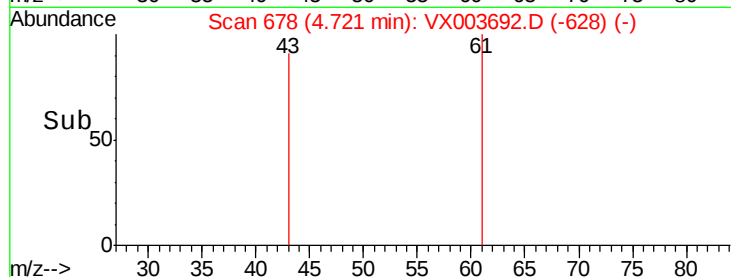
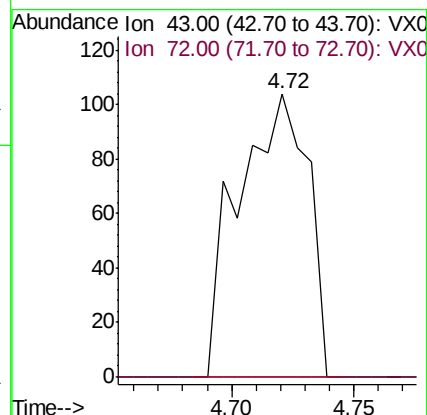
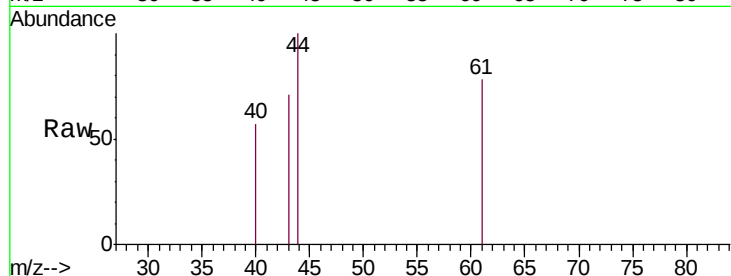
FL-TB-2018-1

Tot Ion: 43 Resp: 206

Ion Ratio Lower Upper

43 100

72 0.0 20.2 30.4#



#31

Cyclohexane

Concen: 0.98 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.09 min

Lab File: VX003692.D

Acq: 27 Jul 2018 02:26

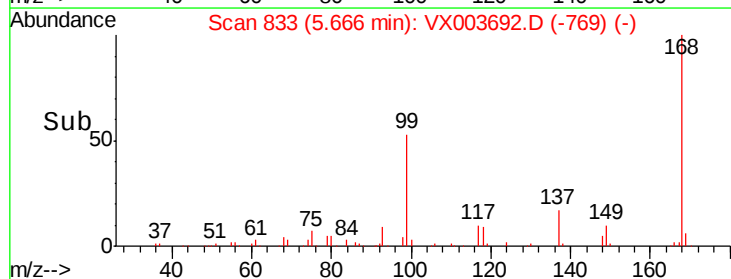
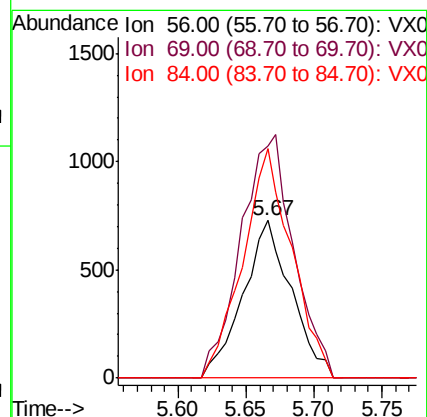
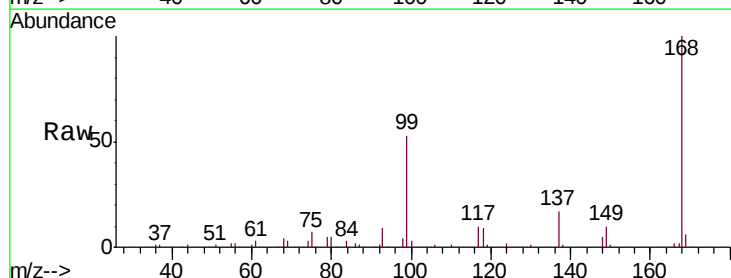
Tgt Ion: 56 Resp: 1809

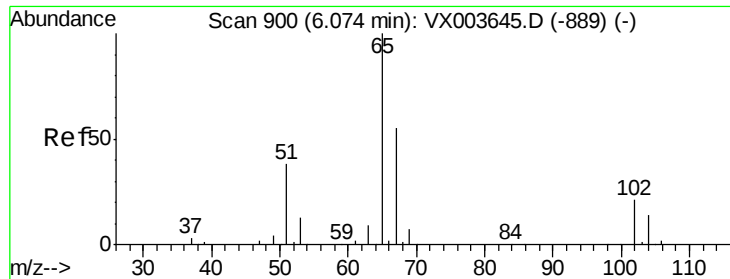
Ion Ratio Lower Upper

56 100

69 147.5 25.0 37.6#

84 145.3 66.5 99.7#

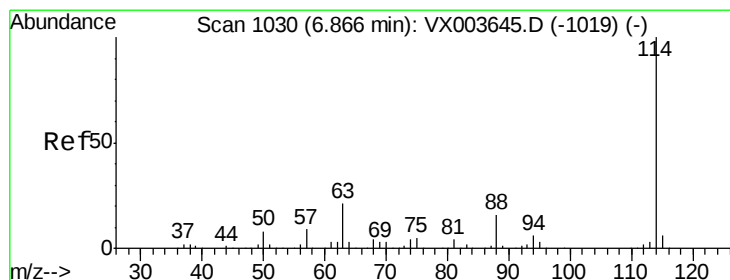
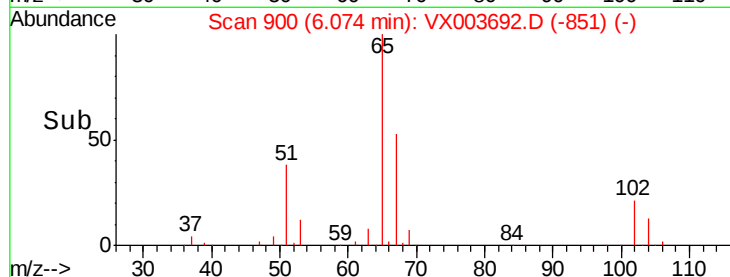
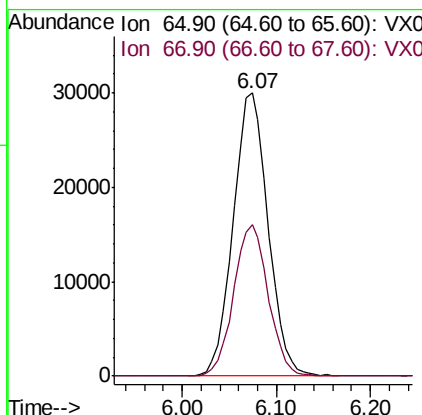
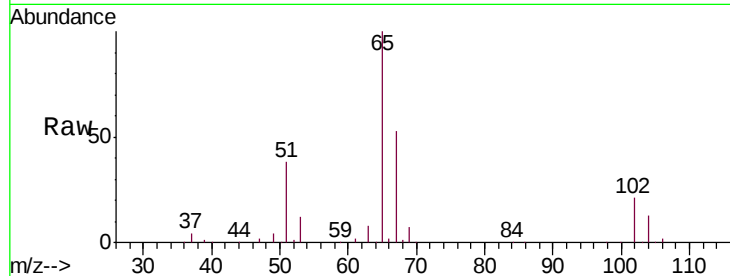




#33
 1,2-Dichloroethane-d4
 Concen: 55.95 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX003692.D
 Acq: 27 Jul 2018 02:26

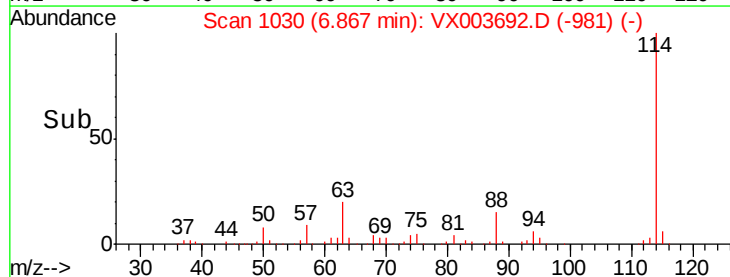
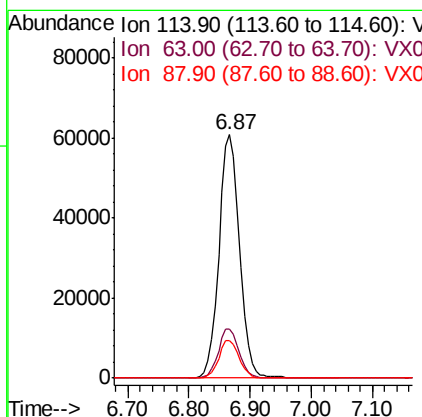
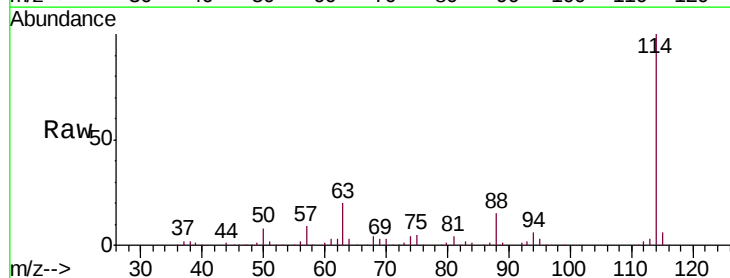
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-TB-2018-1

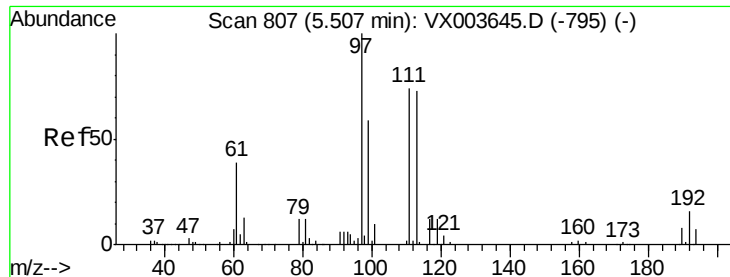
Tot Ion: 65 Resp: 77011
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003692.D
 Acq: 27 Jul 2018 02:26

Tgt Ion: 114 Resp: 141942
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 41.0
 88 15.2 0.0 31.8

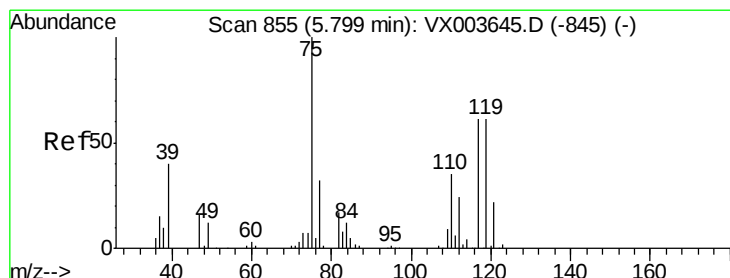
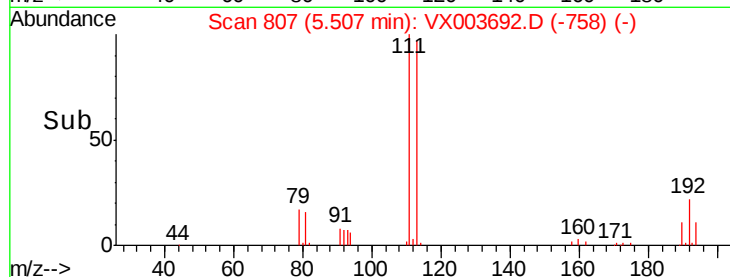
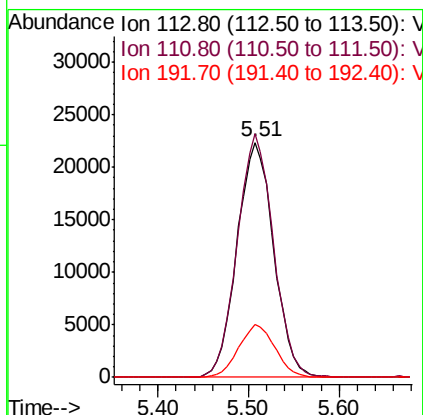
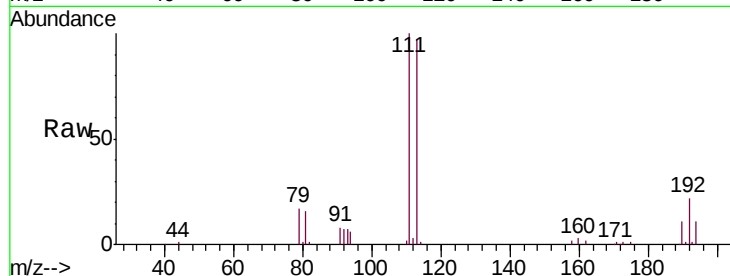




#35
 Dibromofluoromethane
 Concen: 54.09 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003692.D
 Acq: 27 Jul 2018 02:26

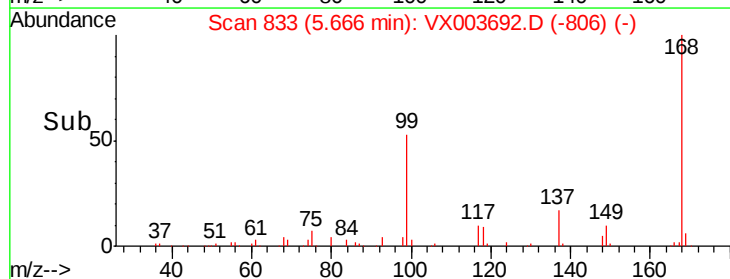
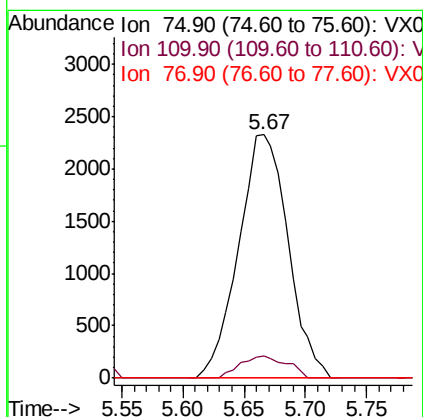
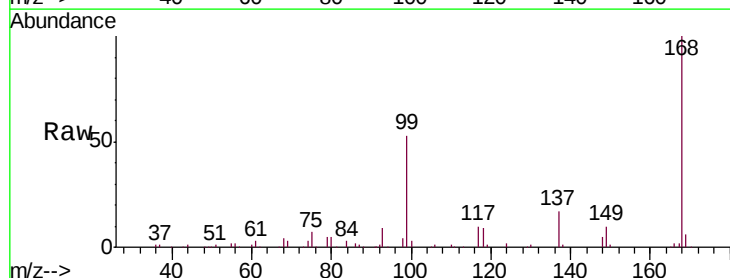
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-TB-2018-1

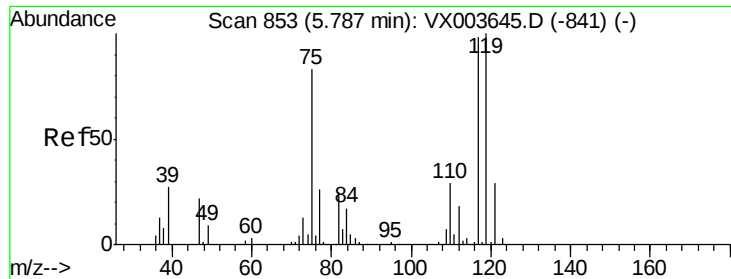
Tot Ion:113 Resp: 62768
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.2 121.8
 192 22.1 18.2 27.4



#36
 1,1-Dichloropropene
 Concen: 3.94 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.13 min
 Lab File: VX003692.D
 Acq: 27 Jul 2018 02:26

Tgt Ion: 75 Resp: 6537
 Ion Ratio Lower Upper
 75 100
 110 8.6 18.1 54.1#
 77 0.0 25.1 37.7#

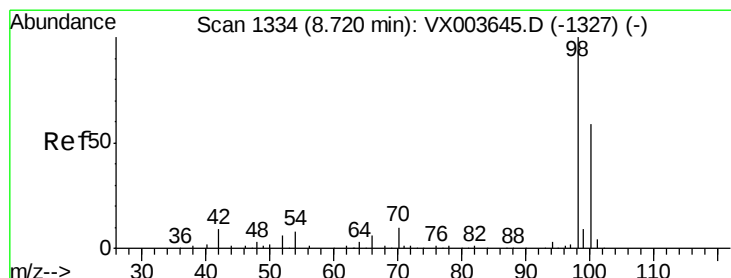
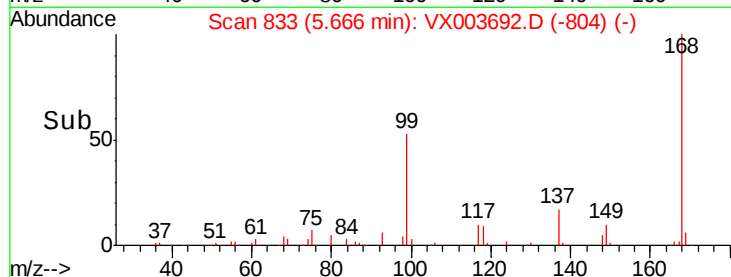
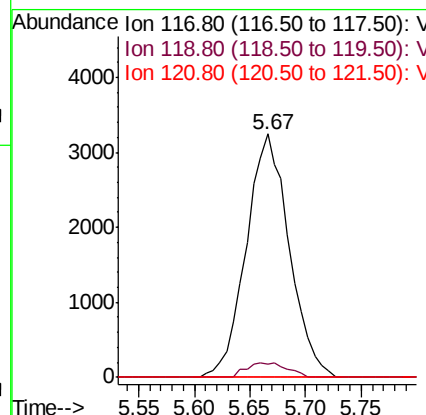
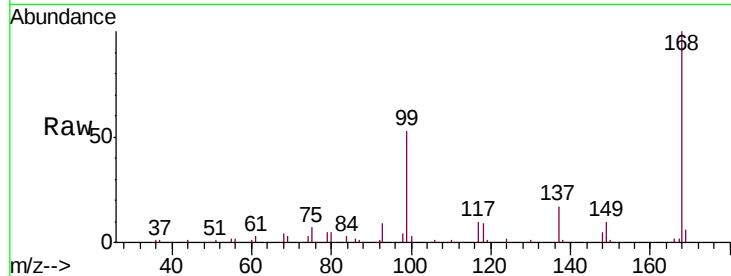




#38
Carbon Tetrachloride
Concen: 5.44 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX003692.D
Acq: 27 Jul 2018 02:26

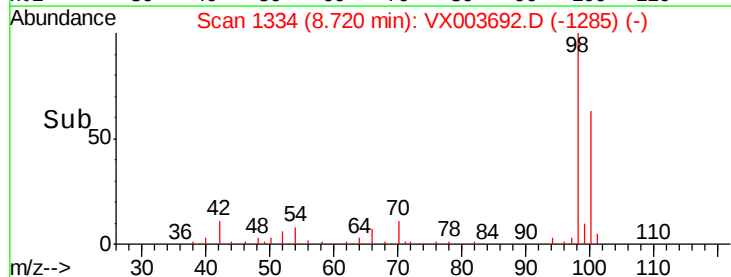
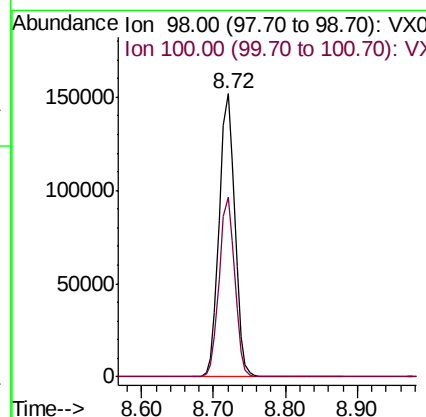
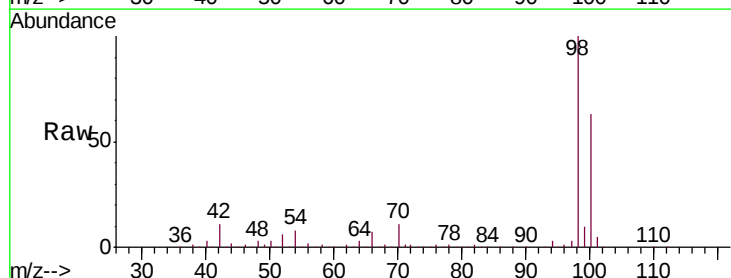
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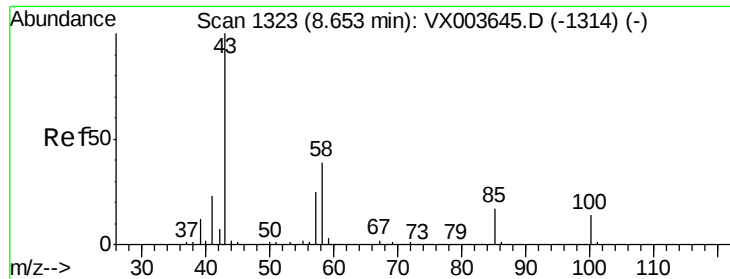
Tot Ion:117 Resp: 8697
Ion Ratio Lower Upper
117 100
119 5.3 81.0 121.4#
121 0.0 23.7 35.5#



#50
Toluene-d8
Concen: 51.74 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003692.D
Acq: 27 Jul 2018 02:26

Tgt Ion: 98 Resp: 229127
Ion Ratio Lower Upper
98 100
100 63.1 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 0.52 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.07 min

Lab File: VX003692.D

Acq: 27 Jul 2018 02:26

Instrument :

MSVOA_X

ClientSampled :

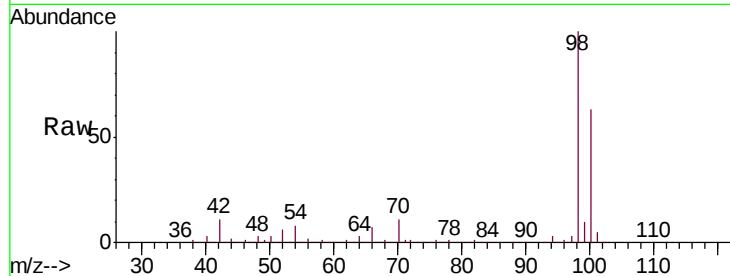
FL-TB-2018-1

Tot Ion: 43 Resp: 1022

Ion Ratio Lower Upper

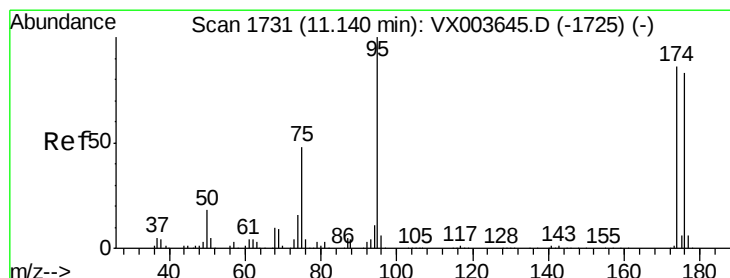
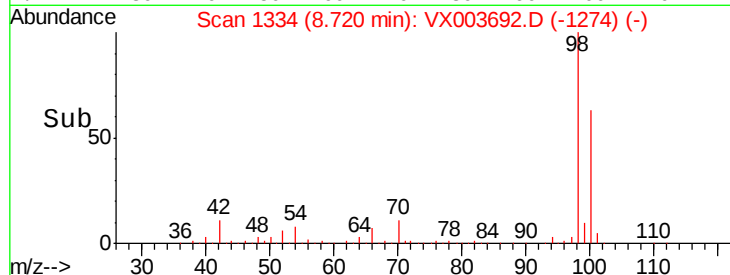
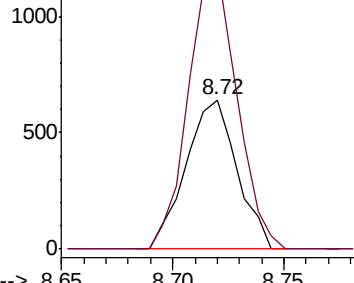
43 100

58 178.6 31.5 47.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#62

4-Bromofluorobenzene

Concen: 46.89 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003692.D

Acq: 27 Jul 2018 02:26

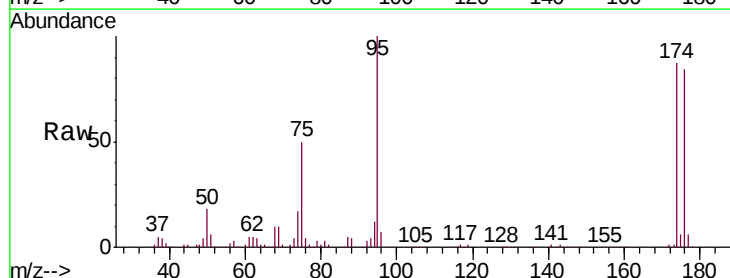
Tgt Ion: 95 Resp: 75737

Ion Ratio Lower Upper

95 100

174 90.4 0.0 179.0

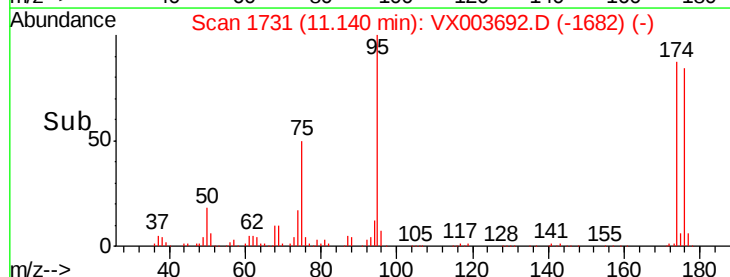
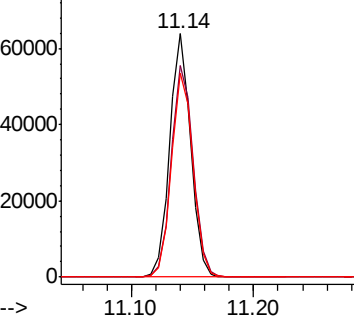
176 86.4 0.0 173.0

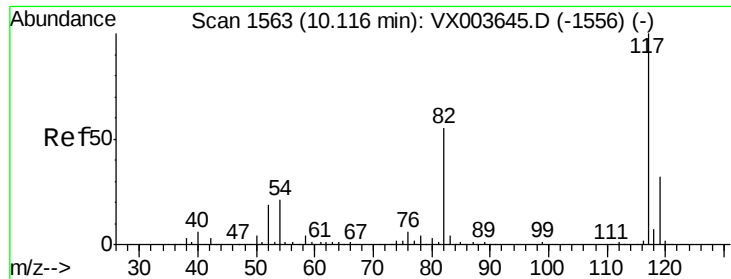


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

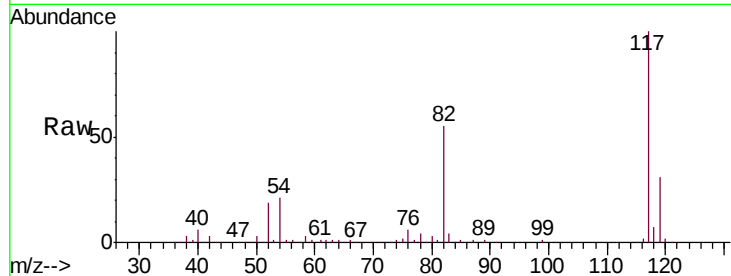




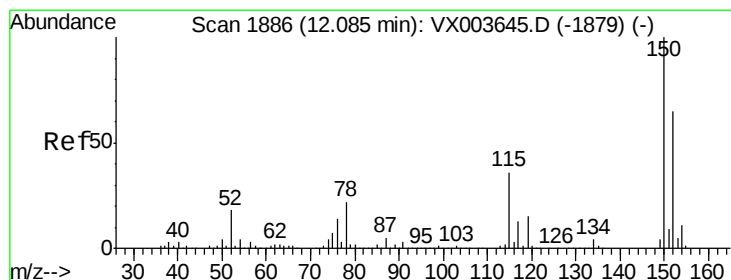
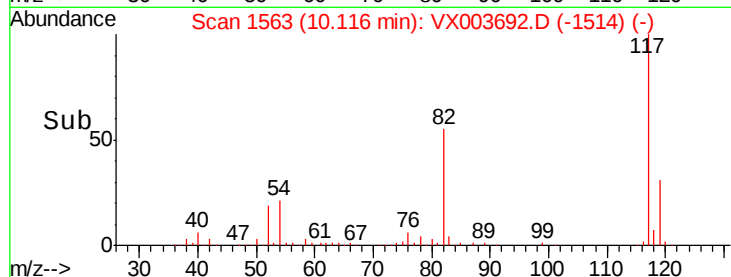
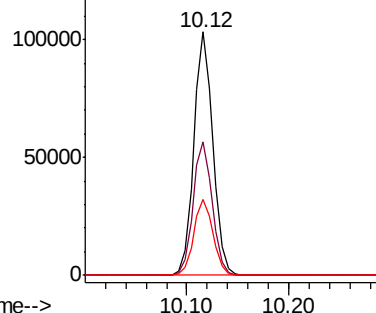
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003692.D
Acq: 27 Jul 2018 02:26

Instrument :
MSVOA_X
ClientSampled :
FL-TB-2018-1

Tot Ion:117 Resp: 133622
Ion Ratio Lower Upper
117 100
82 54.9 44.3 66.5
119 31.4 25.6 38.4

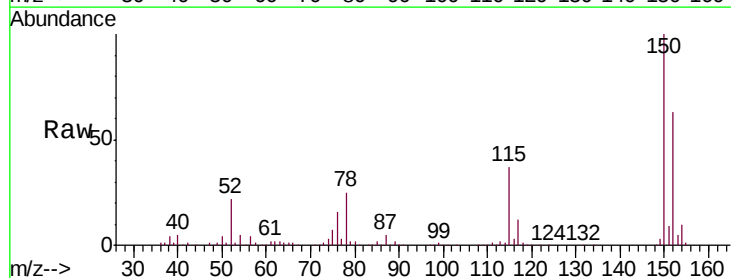


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

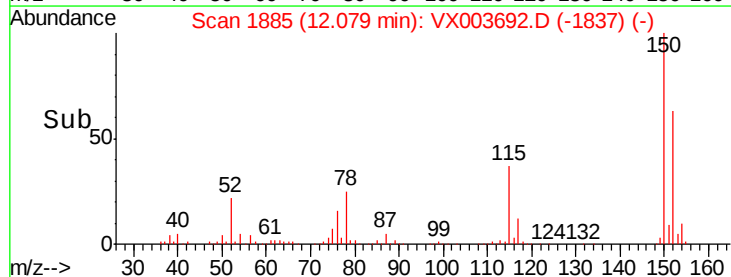
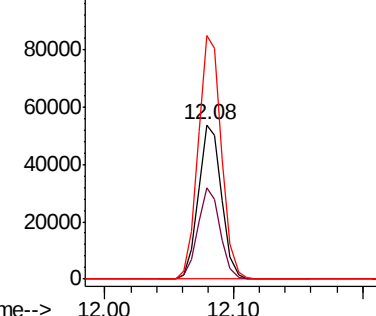


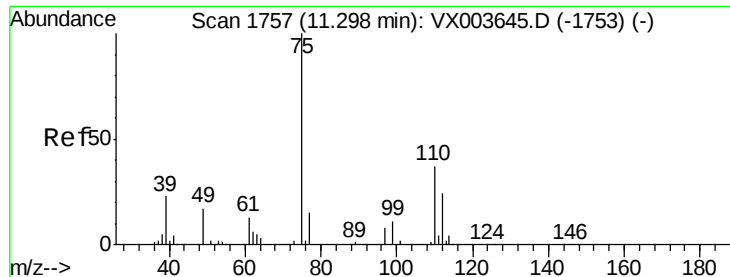
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX003692.D
Acq: 27 Jul 2018 02:26

Tgt Ion:152 Resp: 68001
Ion Ratio Lower Upper
152 100
115 57.1 40.0 119.9
150 158.2 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

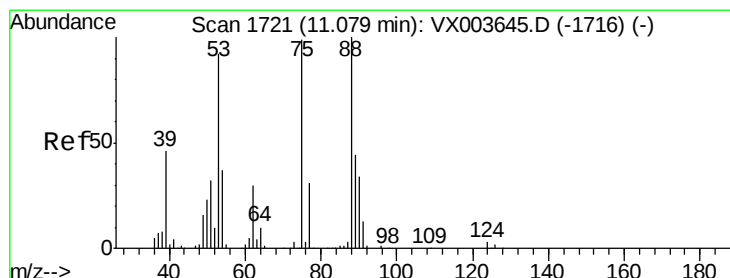
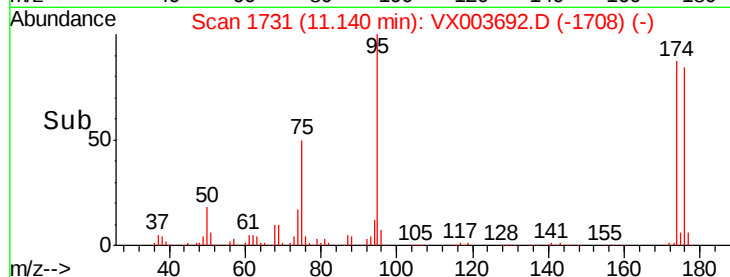
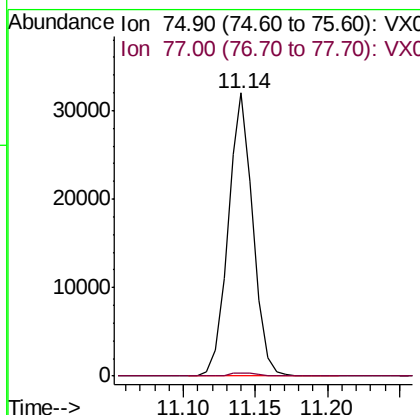
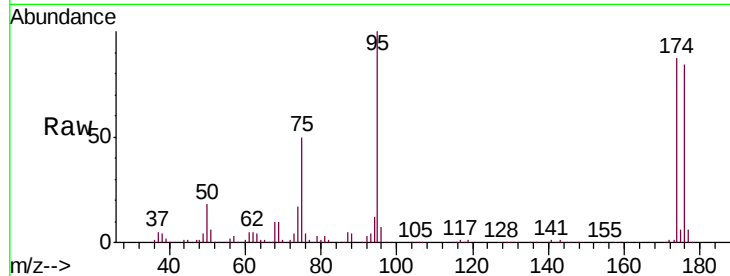




#76
 1,2,3-Trichloropropane
 Concen: 26.91 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX003692.D
 Acq: 27 Jul 2018 02:26

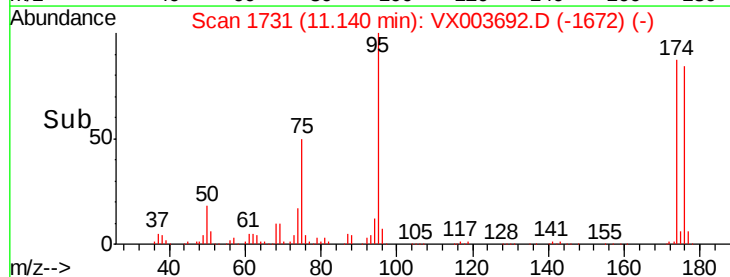
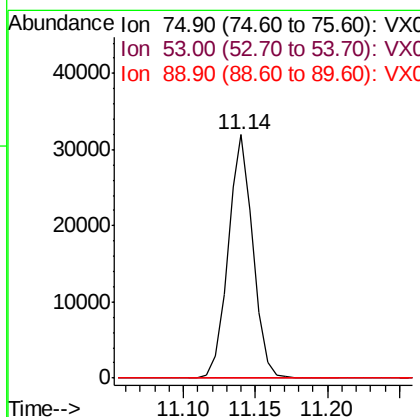
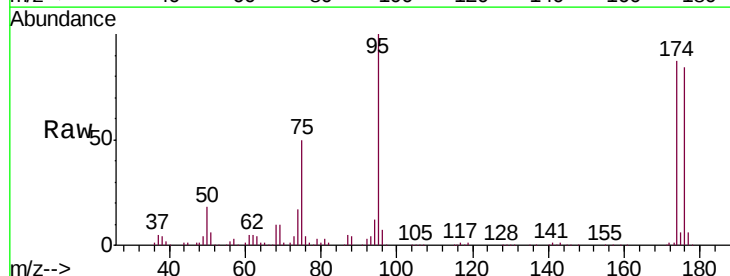
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-TB-2018-1

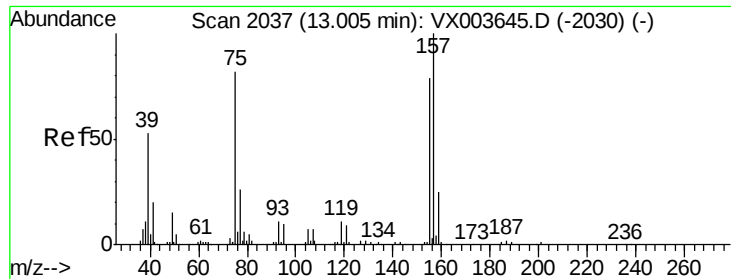
Tot Ion: 75 Resp: 38381
 Ion Ratio Lower Upper
 75 100
 77 1.2 21.6 64.6#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.37 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX003692.D
 Acq: 27 Jul 2018 02:26

Tgt Ion: 75 Resp: 38381
 Ion Ratio Lower Upper
 75 100
 53 0.1 77.8 116.8#
 89 0.0 36.6 54.8#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.43 ug/l

RT: 12.82 min Scan# 2006

Delta R.T. -0.19 min

Lab File: VX003692.D

Acq: 27 Jul 2018 02:26

Instrument :

MSVOA_X

ClientSampleId :

FL-TB-2018-1

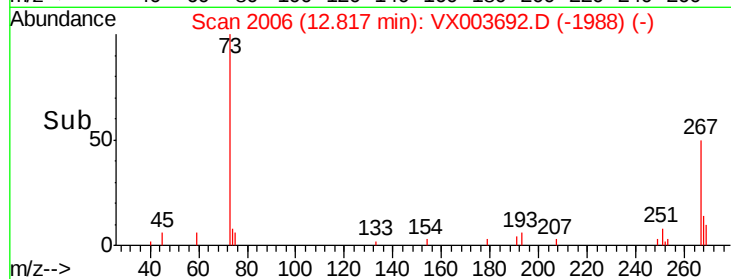
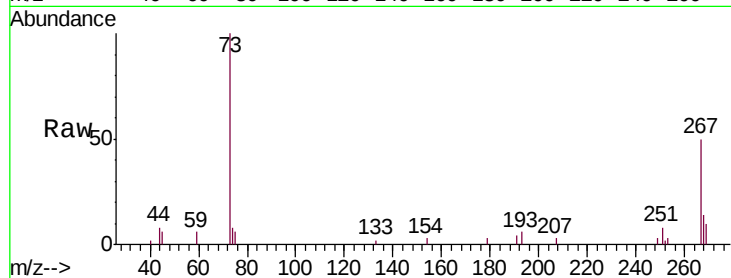
Tot Ion: 75 Resp: 154

Ion Ratio Lower Upper

75 100

155 0.0 46.1 138.3#

157 0.0 59.7 179.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

