

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080518\
 Data File : VX003857.D
 Acq On : 03 Aug 2018 19:08
 Operator : JC/MD
 Sample : J4263-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-TB-2018-3

Quant Time: Aug 04 00:49:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080318W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 03 01:55:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	78586	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	115089	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	104310	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	56794	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	47110	45.45	ug/l	0.00
Spiked Amount			Recovery	=	90.90%	
35) Dibromofluoromethane	5.51	113	42376	46.86	ug/l	0.00
Spiked Amount			Recovery	=	93.72%	
50) Toluene-d8	8.72	98	161206	46.52	ug/l	0.00
Spiked Amount			Recovery	=	93.04%	
62) 4-Bromofluorobenzene	11.14	95	53221	42.51	ug/l	0.00
Spiked Amount			Recovery	=	85.02%	

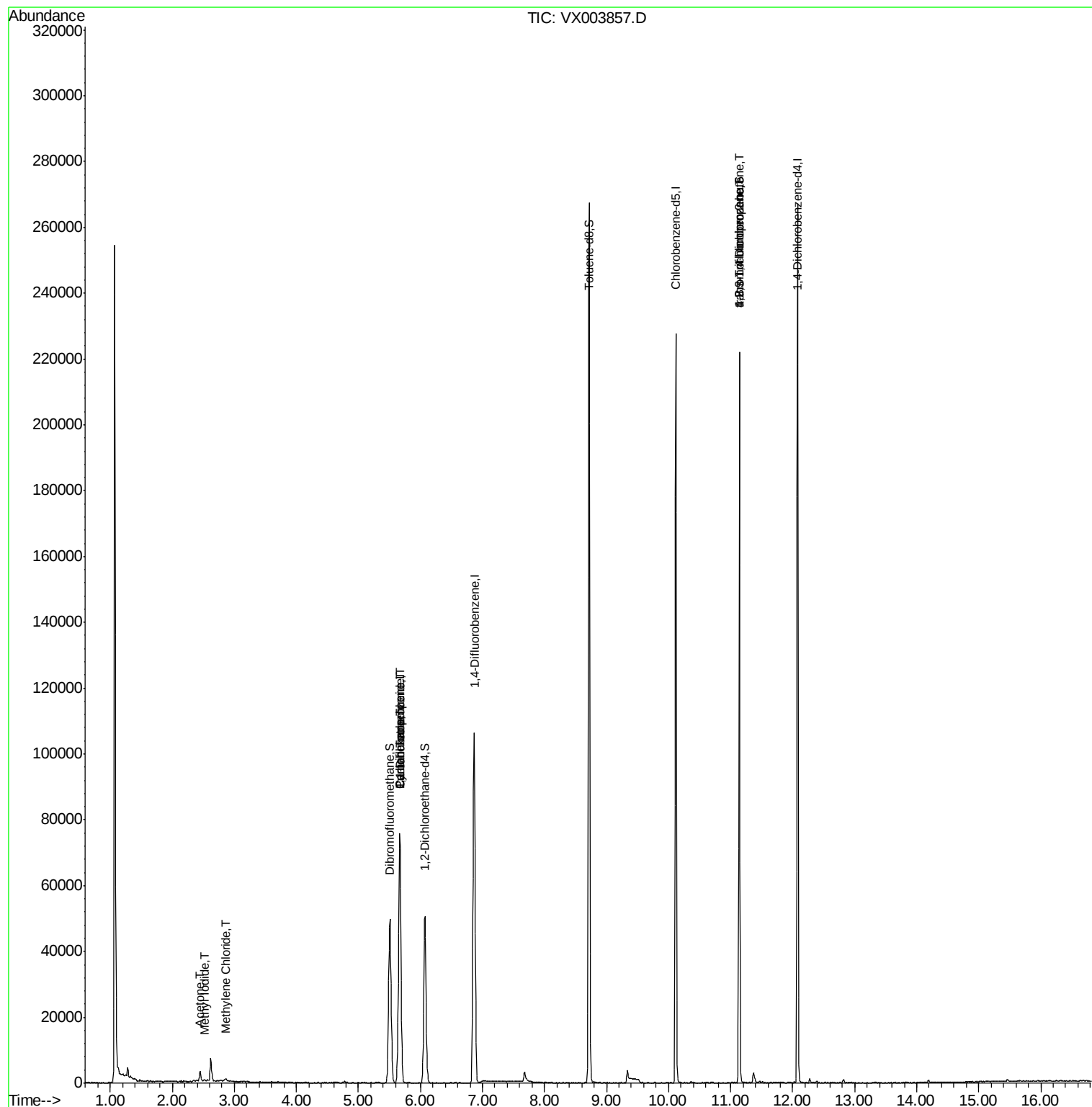
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	514	Below Cal	#	66
5) Bromomethane	1.65	94	172	Below Cal	#	79
6) Chloroethane	1.74	64	112	Below Cal	#	41
10) Methyl Iodide	2.52	142	313	0.28	ug/l	# 63
16) Acetone	2.45	43	3186	5.84	ug/l	92
18) Methyl Acetate	2.78	43	279	Below Cal	#	51
20) Methylene Chloride	2.86	84	330	0.34	ug/l	# 85
31) Cyclohexane	5.66	56	1224	0.93	ug/l	# 1
36) 1,1-Dichloropropene	5.66	75	4785	3.91	ug/l	# 48
38) Carbon Tetrachloride	5.67	117	6690	5.50	ug/l	# 17
76) 1,2,3-Trichloropropane	11.14	75	25003	21.84	ug/l	# 36
81) trans-1,4-Dichloro-2-buten	11.14	75	25003	68.83	ug/l	# 12

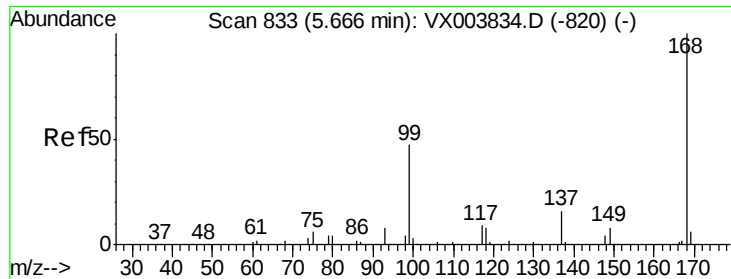
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX080518\
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Quant Time: Aug 04 00:49:52 2018
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Quant Title : SW846 8260
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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: VX003857.D

Acq: 03 Aug 2018 19:08

Instrument :

MSVOA_X

ClientSampleId :

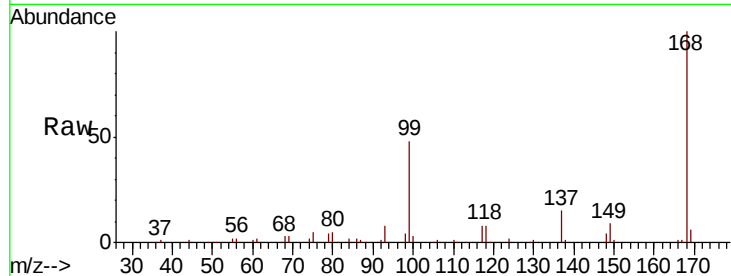
FL-TB-2018-3

Tot Ion:168 Resp: 78586

Ion Ratio Lower Upper

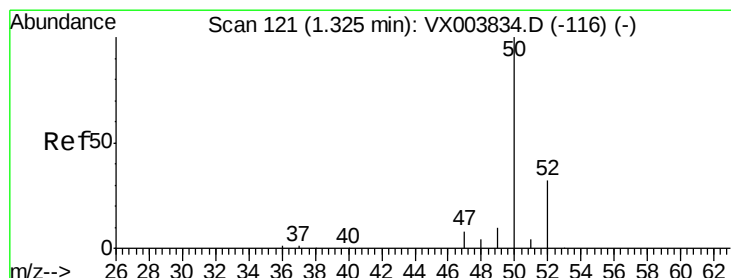
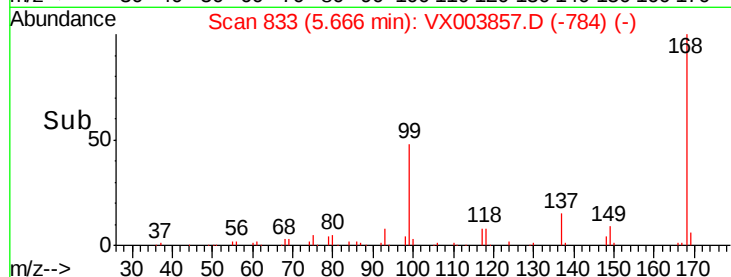
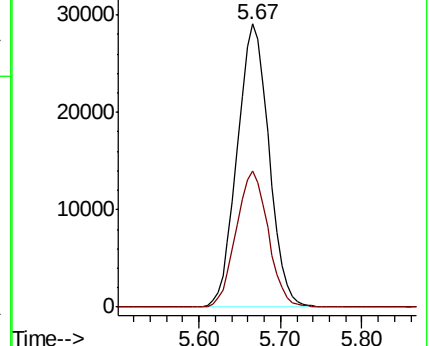
168 100

99 48.0 38.1 57.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003857.D

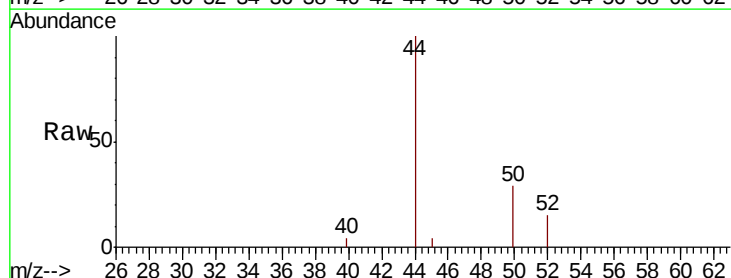
Acq: 03 Aug 2018 19:08

Tgt Ion: 50 Resp: 514

Ion Ratio Lower Upper

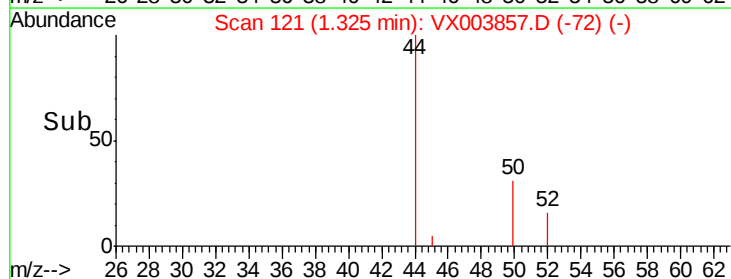
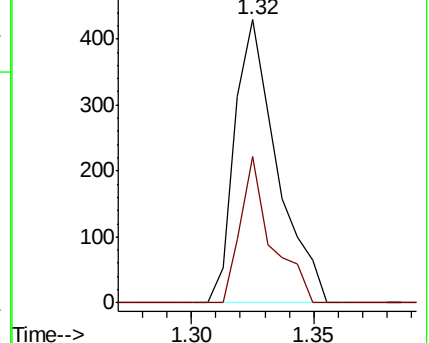
50 100

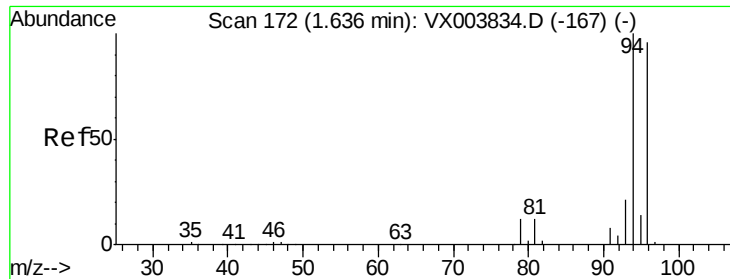
52 51.5 25.8 38.8#



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# 174

Delta R.T. 0.01 min

Lab File: VX003857.D

Acq: 03 Aug 2018 19:08

Instrument :

MSVOA_X

ClientSampled :

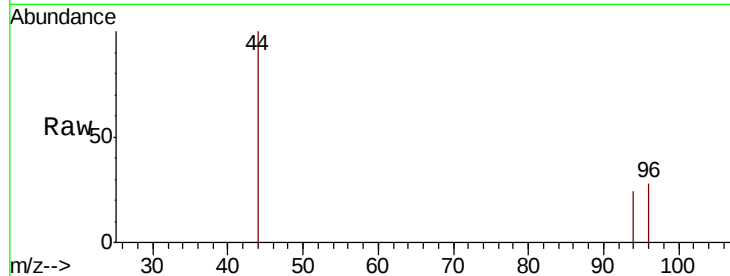
FL-TB-2018-3

Tot Ion: 94 Resp: 172

Ion Ratio Lower Upper

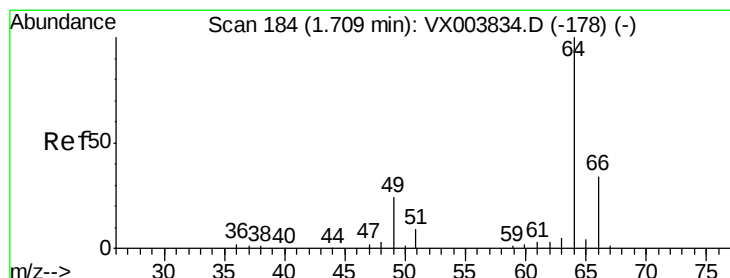
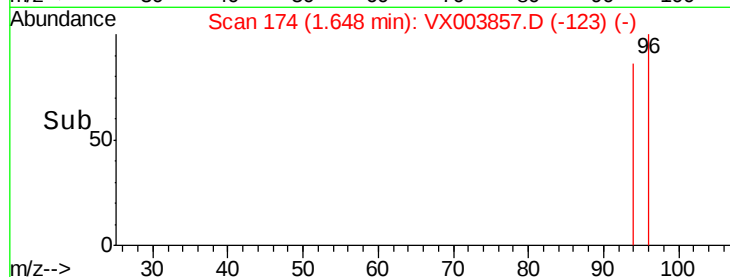
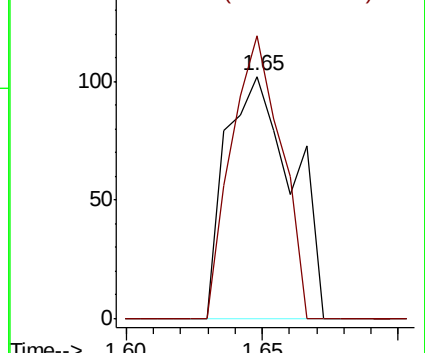
94 100

96 116.7 76.9 115.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: Below Cal

RT: 1.74 min Scan# 189

Delta R.T. 0.03 min

Lab File: VX003857.D

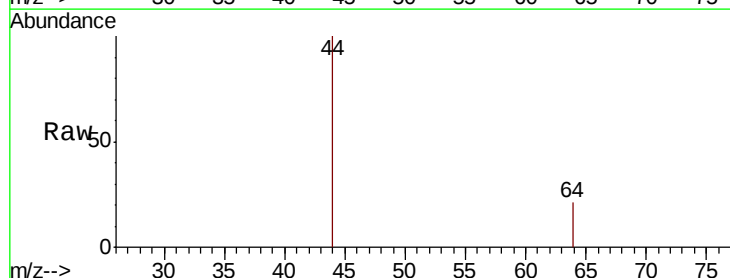
Acq: 03 Aug 2018 19:08

Tgt Ion: 64 Resp: 112

Ion Ratio Lower Upper

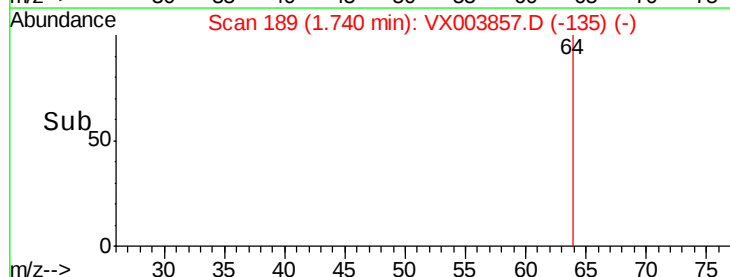
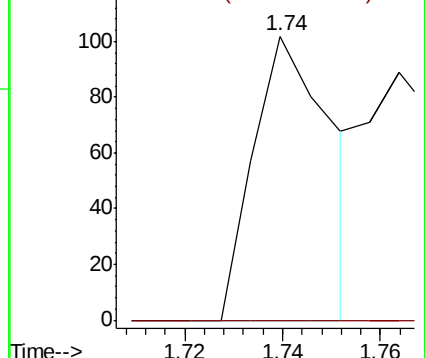
64 100

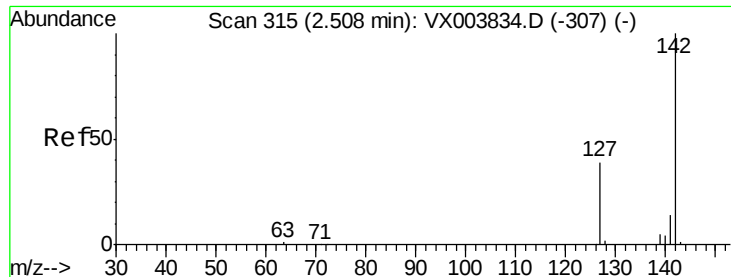
66 0.0 27.2 40.8#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

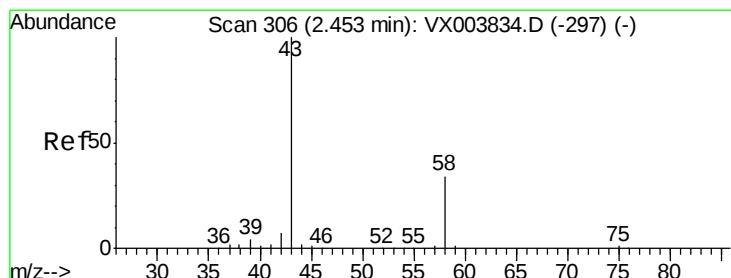
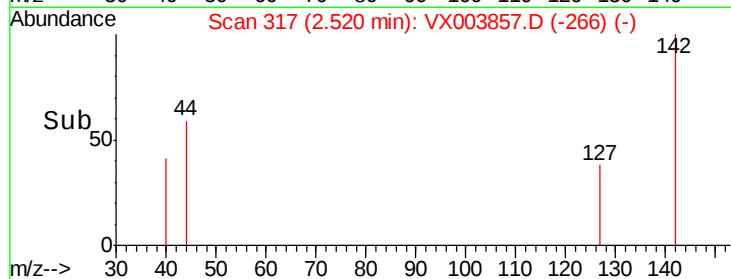
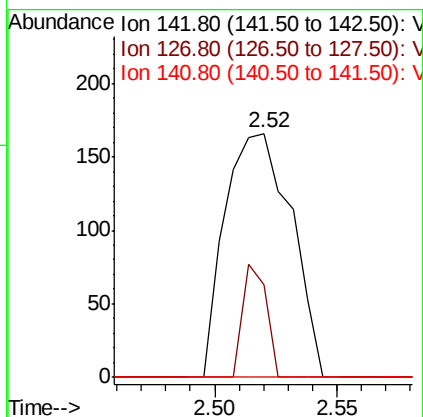
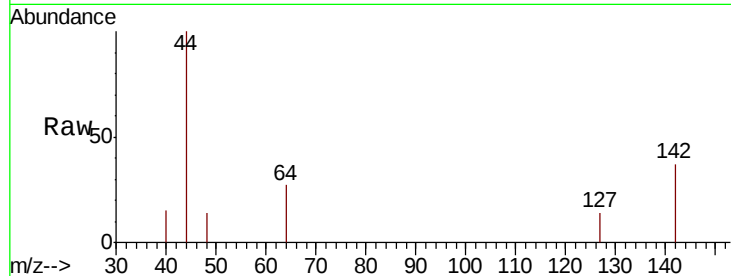




#10
Methvl Iodide
Concen: 0.28 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX003857.D
Acq: 03 Aug 2018 19:08

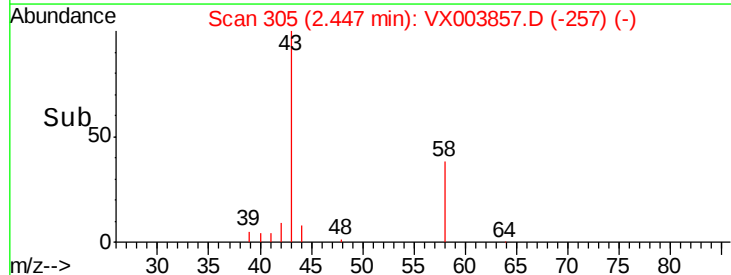
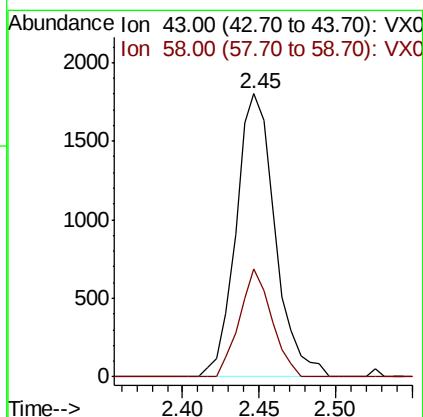
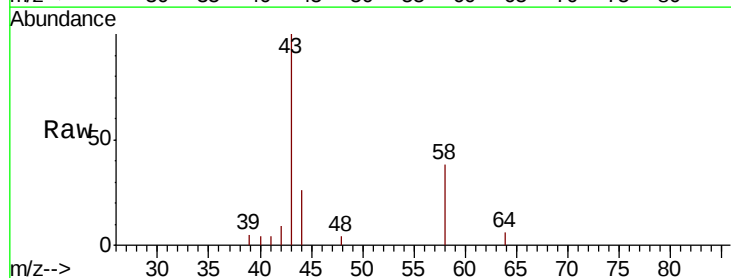
Instrument :
MSVOA_X
ClientSampleId :
FL-TB-2018-3

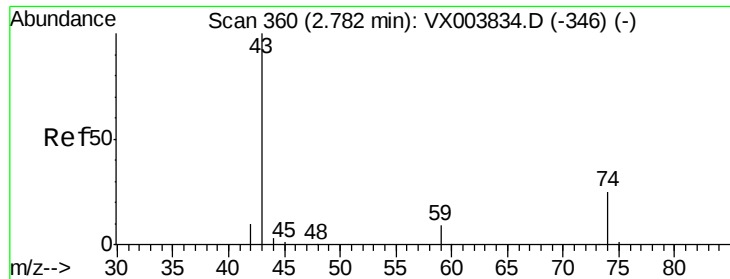
Tot Ion:142 Resp: 313
Ion Ratio Lower Upper
142 100
127 16.3 31.8 47.8#
141 0.0 11.3 16.9#



#16
Acetone
Concen: 5.84 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX003857.D
Acq: 03 Aug 2018 19:08

Tgt Ion: 43 Resp: 3186
Ion Ratio Lower Upper
43 100
58 38.0 27.0 40.4

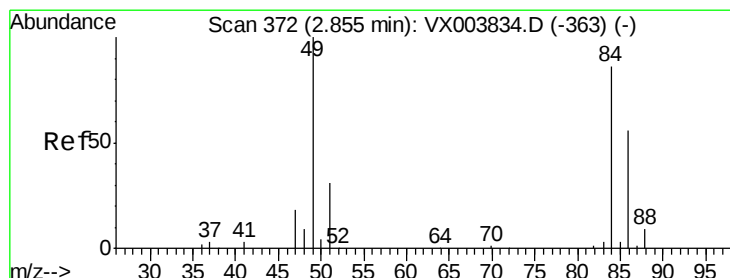
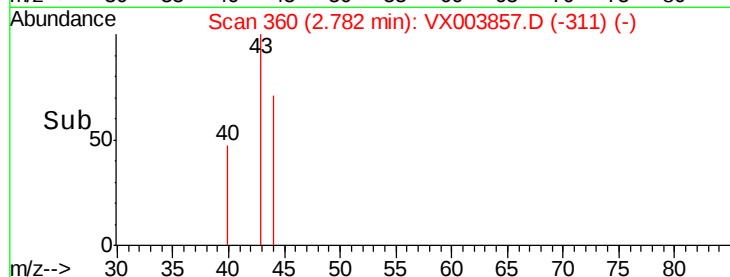
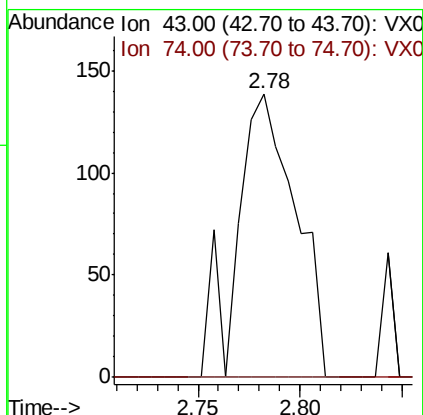
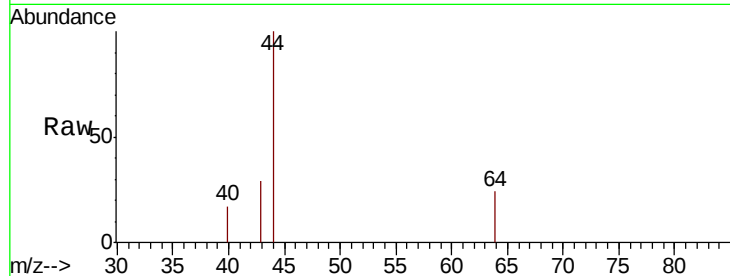




#18
Methyl Acetate
Concen: Below Cal
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003857.D
Acq: 03 Aug 2018 19:08

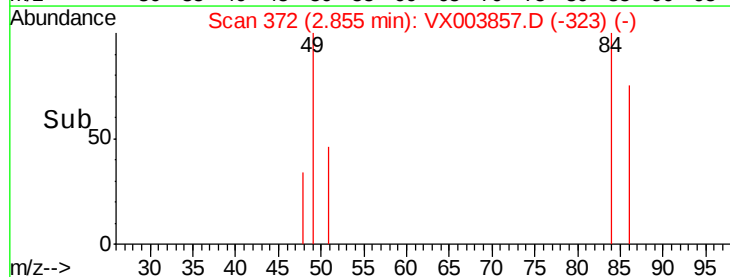
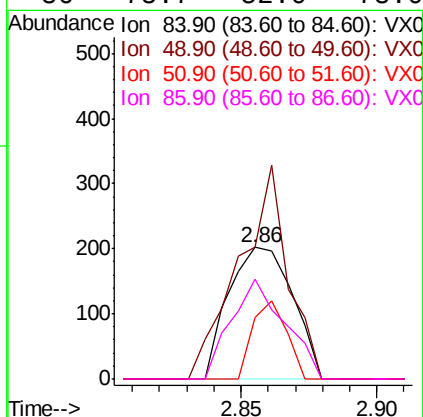
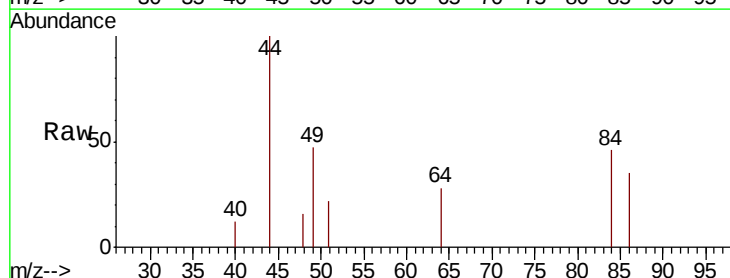
Instrument :
MSVOA_X
ClientSampled :
FL-TB-2018-3

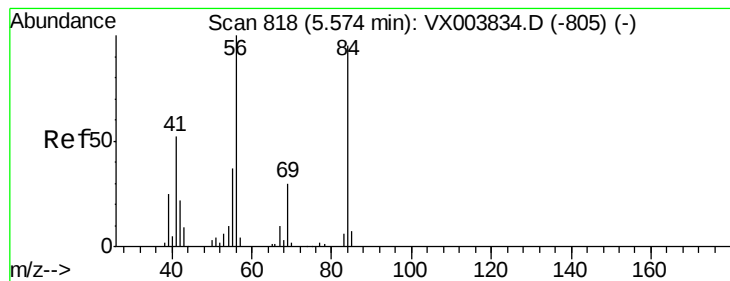
Tot Ion: 43 Resp: 279
Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8#



#20
Methylene Chloride
Concen: 0.34 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003857.D
Acq: 03 Aug 2018 19:08

Tgt Ion: 84 Resp: 330
Ion Ratio Lower Upper
84 100
49 100.5 93.2 139.8
51 46.5 29.2 43.8#
86 75.7 52.0 78.0





#31

Cyclohexane

Concen: 0.93 ug/l

RT: 5.66 min Scan# 832

Delta R.T. 0.09 min

Lab File: VX003857.D

Acq: 03 Aug 2018 19:08

Instrument :

MSVOA_X

ClientSampleId :

FL-TB-2018-3

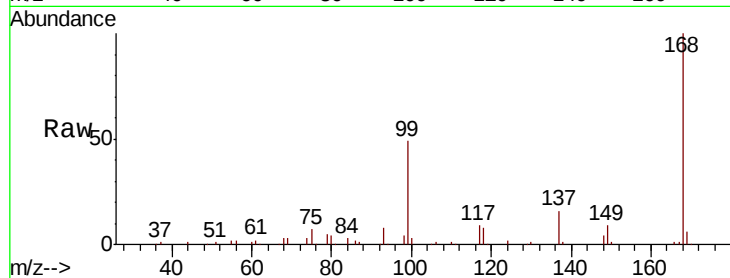
Tot Ion: 56 Resp: 1224

Ion Ratio Lower Upper

56 100

69 181.9 23.7 35.5#

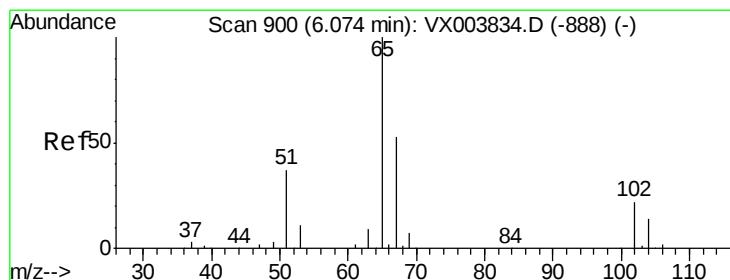
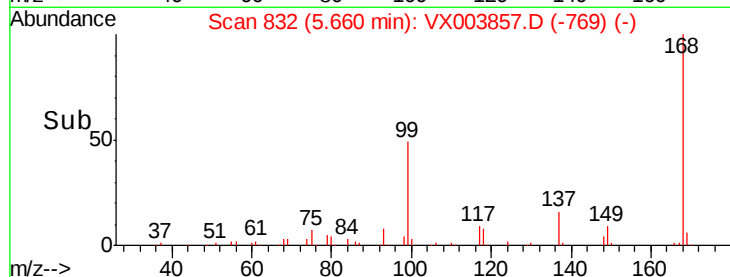
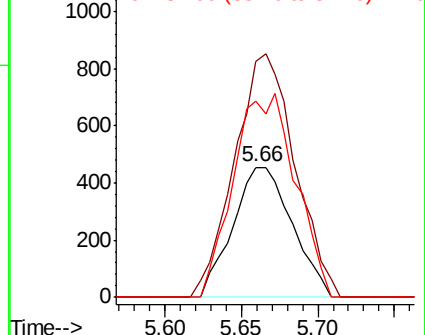
84 151.3 75.7 113.5#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 45.45 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX003857.D

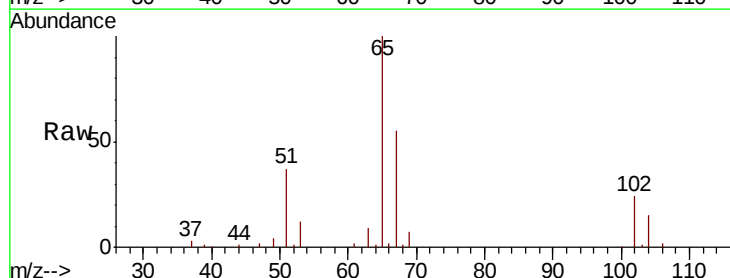
Acq: 03 Aug 2018 19:08

Tgt Ion: 65 Resp: 47110

Ion Ratio Lower Upper

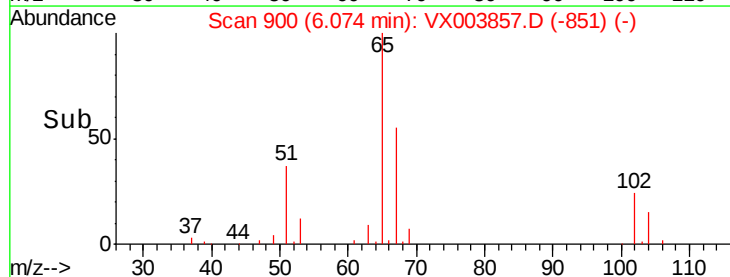
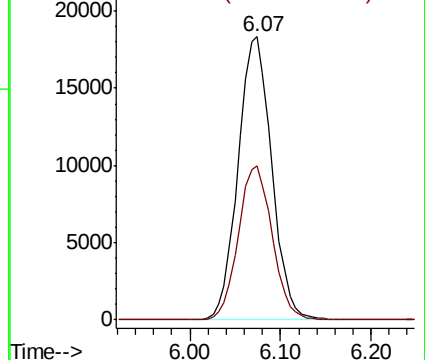
65 100

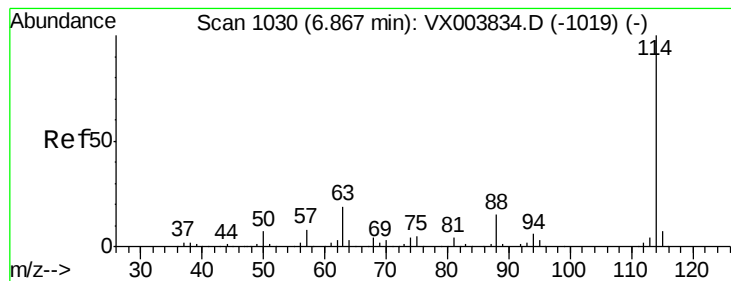
67 54.9 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX003857.D

Acq: 03 Aug 2018 19:08

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FL-TB-2018-3

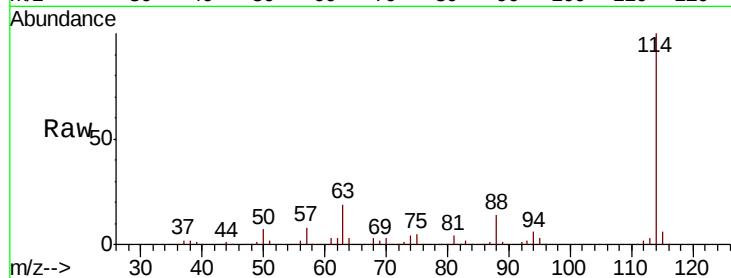
Tot Ion:114 Resp: 115089

Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.2

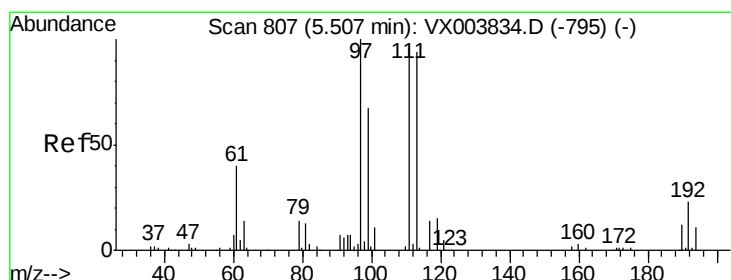
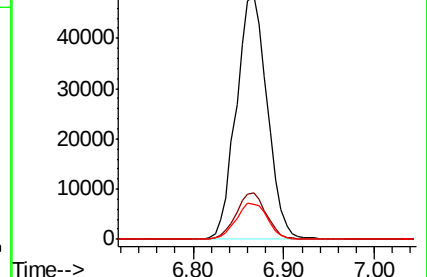
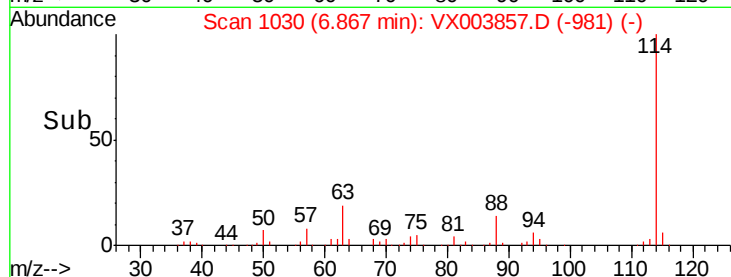
88 14.4 0.0 29.6



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: 46.86 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003857.D

Acq: 03 Aug 2018 19:08

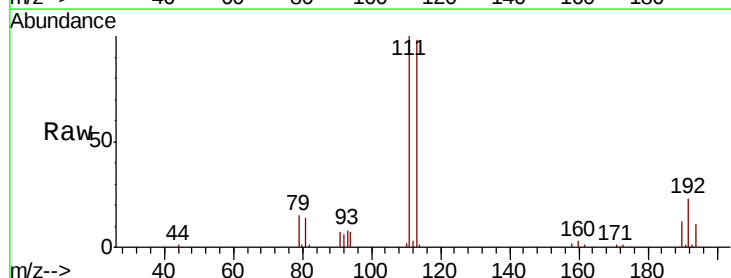
Tgt Ion:113 Resp: 42376

Ion Ratio Lower Upper

113 100

111 101.4 81.1 121.7

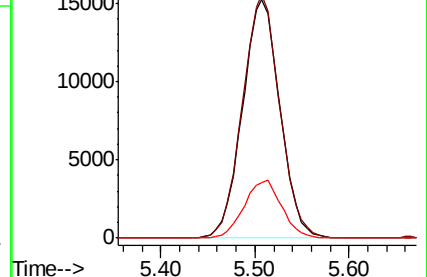
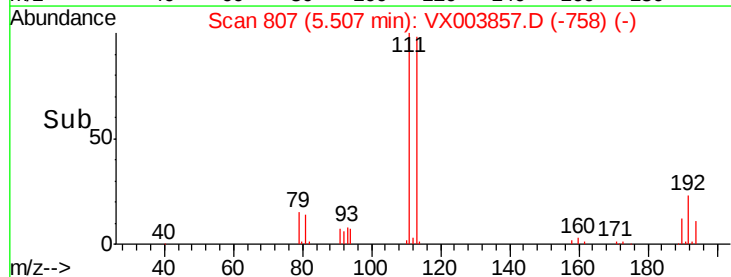
192 24.5 19.7 29.5

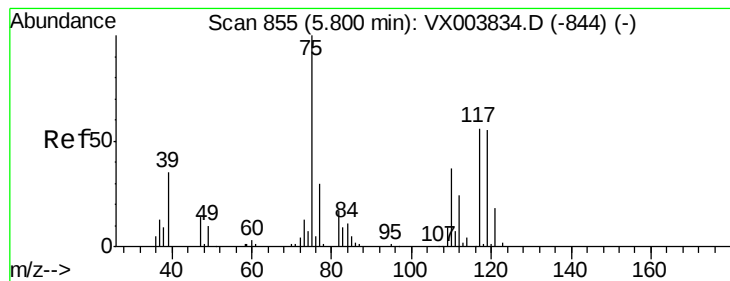


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 3.91 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.14 min

Lab File: VX003857.D

Acq: 03 Aug 2018 19:08

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FL-TB-2018-3

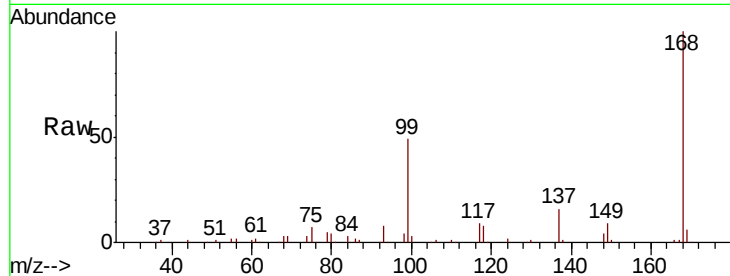
Tot Ion: 75 Resp: 4785

Ion Ratio Lower Upper

75 100

110 8.3 18.6 55.8#

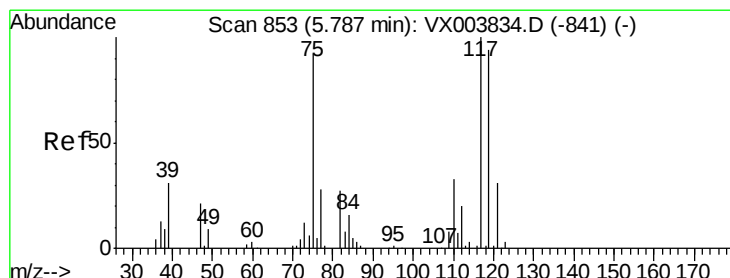
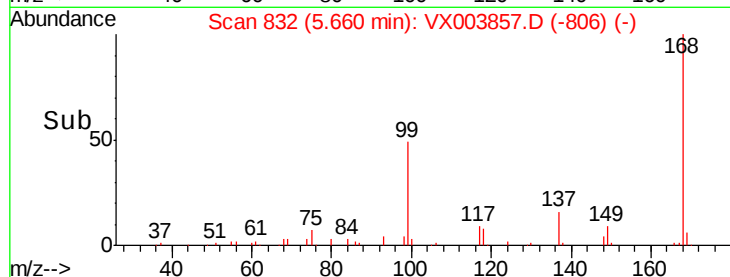
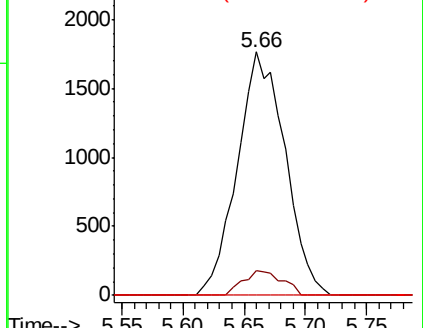
77 0.0 24.9 37.3#



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: 5.50 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.12 min

Lab File: VX003857.D

Acq: 03 Aug 2018 19:08

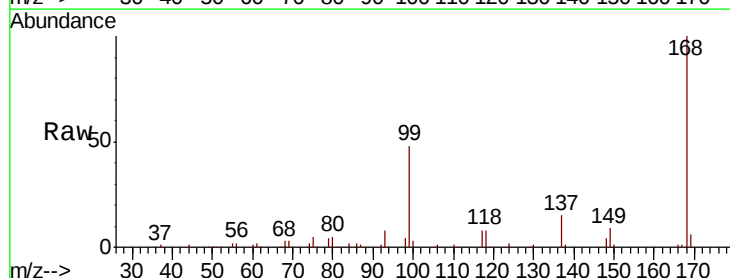
Tgt Ion: 117 Resp: 6690

Ion Ratio Lower Upper

117 100

119 5.6 74.6 112.0#

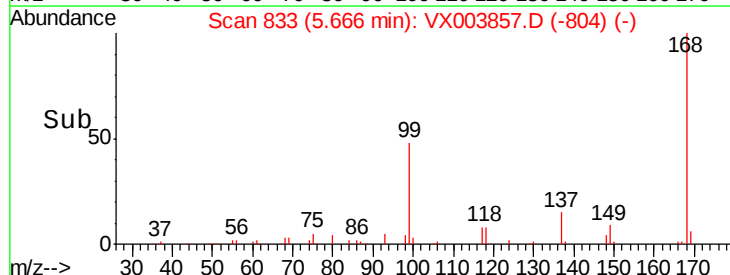
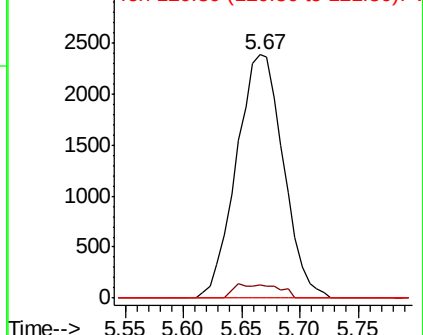
121 0.0 24.4 36.6#

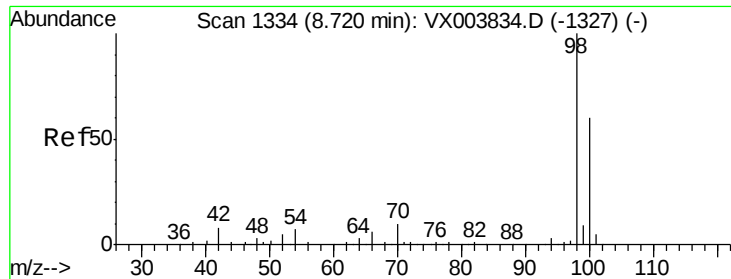


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 46.52 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003857.D

Acq: 03 Aug 2018 19:08

Instrument :

MSVOA_X

ClientSampleId :

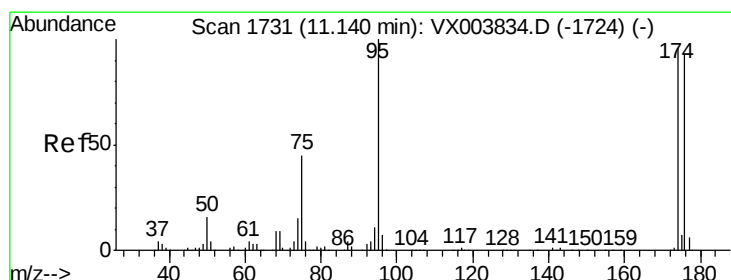
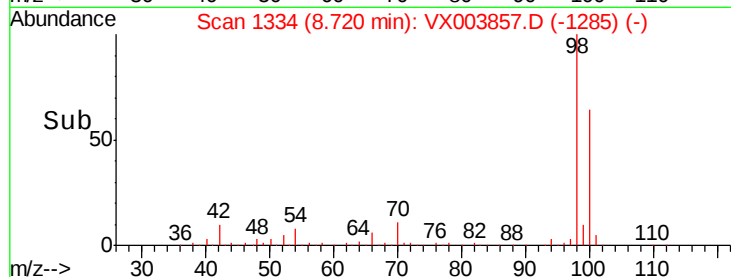
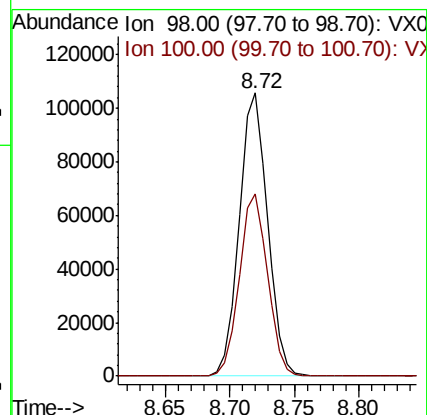
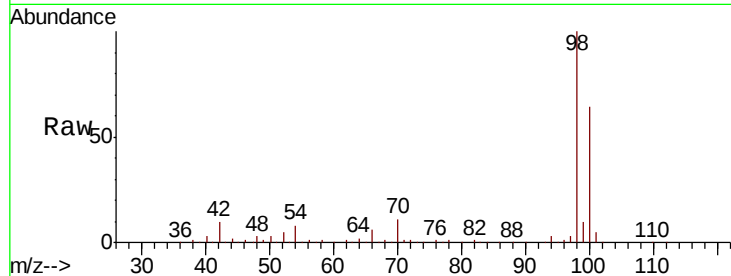
FL-TB-2018-3

Tot Ion: 98 Resp: 161206

Ion Ratio Lower Upper

98 100

100 64.1 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 42.51 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003857.D

Acq: 03 Aug 2018 19:08

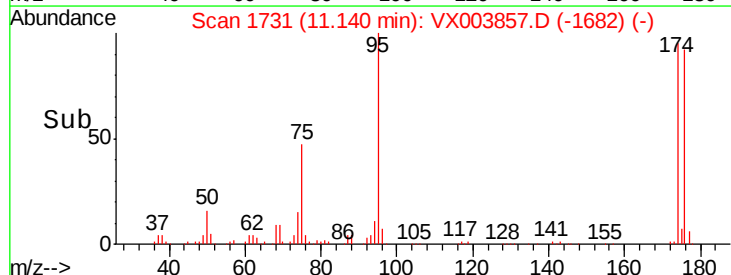
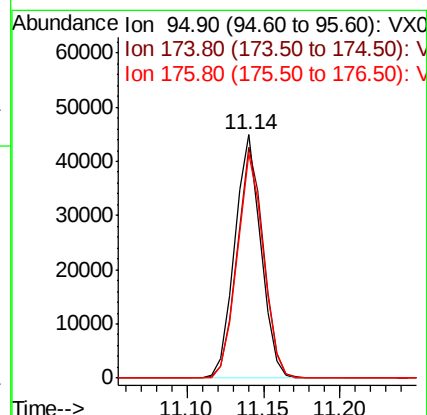
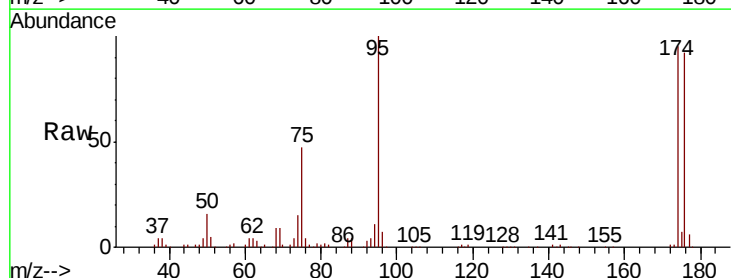
Tgt Ion: 95 Resp: 53221

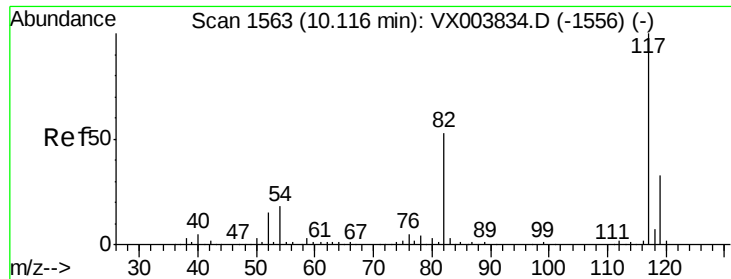
Ion Ratio Lower Upper

95 100

174 96.8 0.0 192.2

176 92.6 0.0 185.8

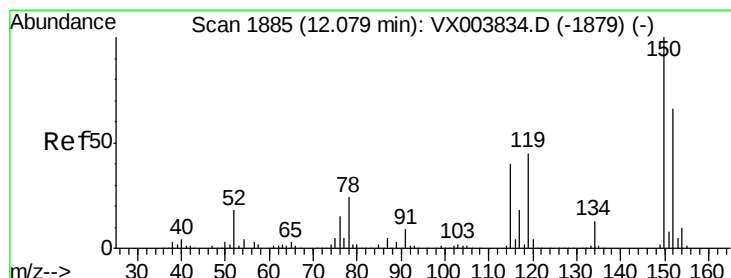
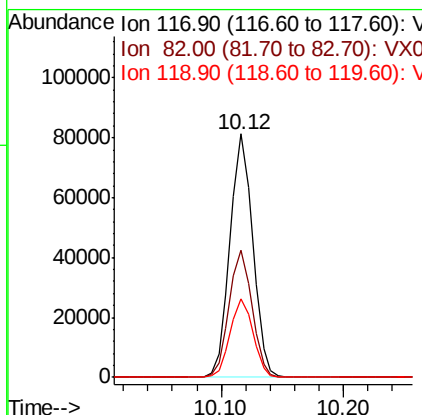
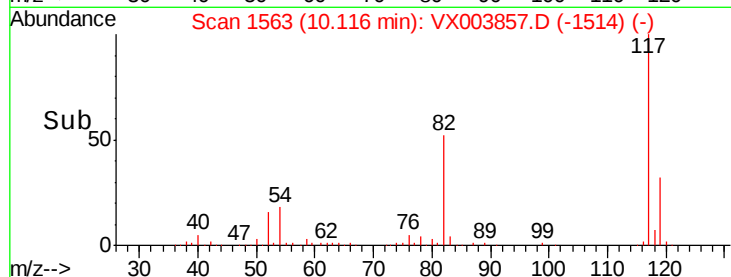
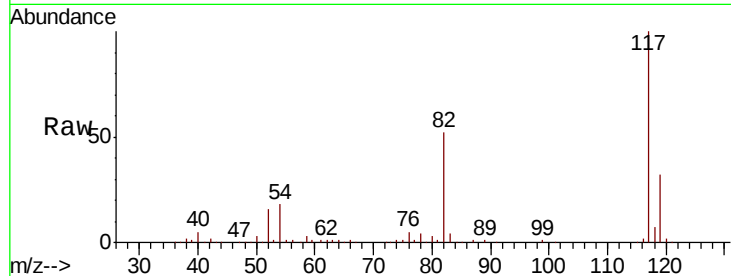




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003857.D
Acq: 03 Aug 2018 19:08

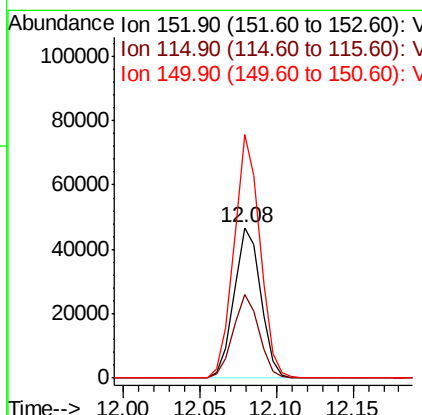
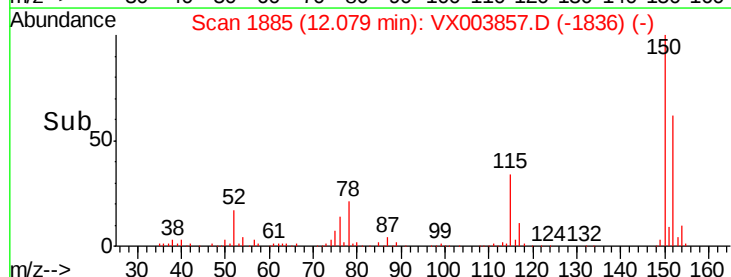
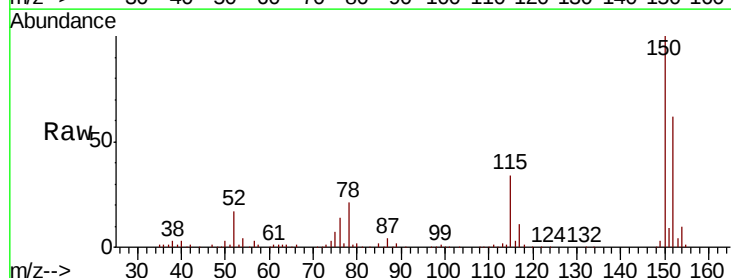
Instrument :
MSVOA_X
ClientSampled :
FL-TB-2018-3

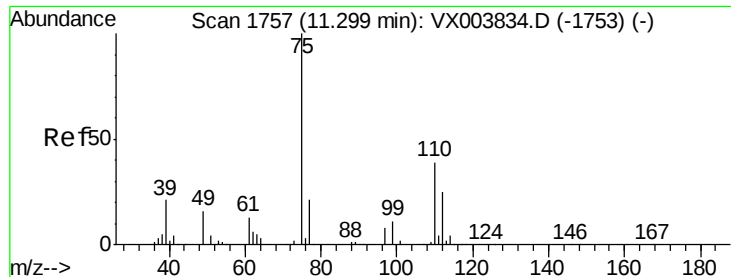
Tot Ion:117 Resp: 104310
Ion Ratio Lower Upper
117 100
82 52.1 42.2 63.4
119 32.3 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003857.D
Acq: 03 Aug 2018 19:08

Tgt Ion:152 Resp: 56794
Ion Ratio Lower Upper
152 100
115 53.8 37.4 112.1
150 156.8 0.0 346.6





#76

1,2,3-Trichloropropane

Concen: 21.84 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX003857.D

Acq: 03 Aug 2018 19:08

Instrument :

MSVOA_X

ClientSampleId :

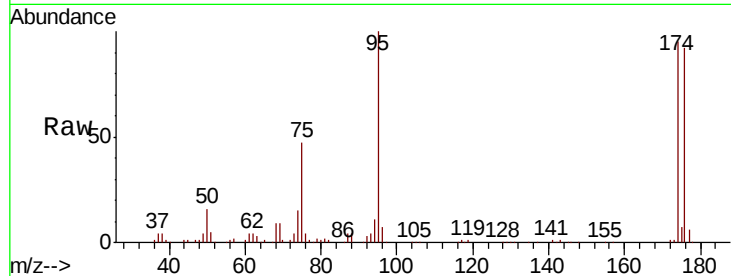
FL-TB-2018-3

Tot Ion: 75 Resp: 25003

Ion Ratio Lower Upper

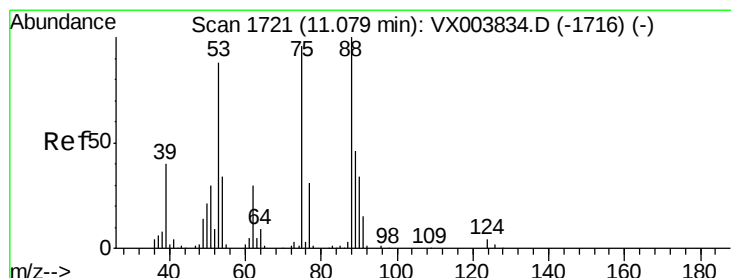
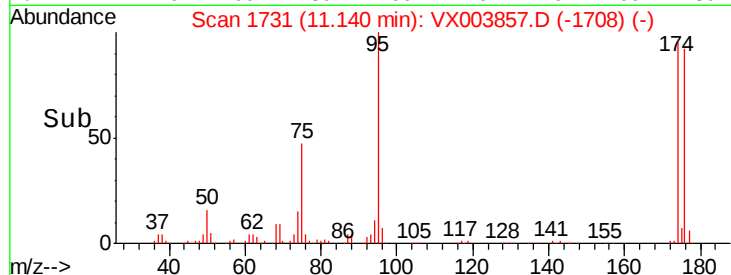
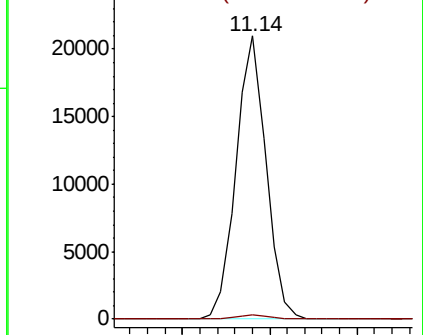
75 100

77 1.3 21.1 63.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#81

trans-1,4-Dichloro-2-butene

Concen: 68.83 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX003857.D

Acq: 03 Aug 2018 19:08

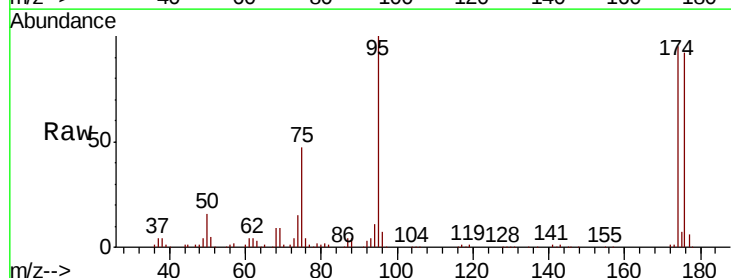
Tgt Ion: 75 Resp: 25003

Ion Ratio Lower Upper

75 100

53 0.0 74.9 112.3#

89 0.0 36.6 54.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

