

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX051618\
 Data File : VX001768.D
 Acq On : 16 May 2018 16:57
 Operator : JC/MD
 Sample : J2737-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3TB06-180503

Quant Time: May 17 02:56:39 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	284549	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	386950	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	320236	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	168177	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	218745	57.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.70%	
35) Dibromofluoromethane	5.51	113	182561	55.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.82%	
50) Toluene-d8	8.72	98	644021	55.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.14%	
62) 4-Bromofluorobenzene	11.14	95	190350	45.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.40%	

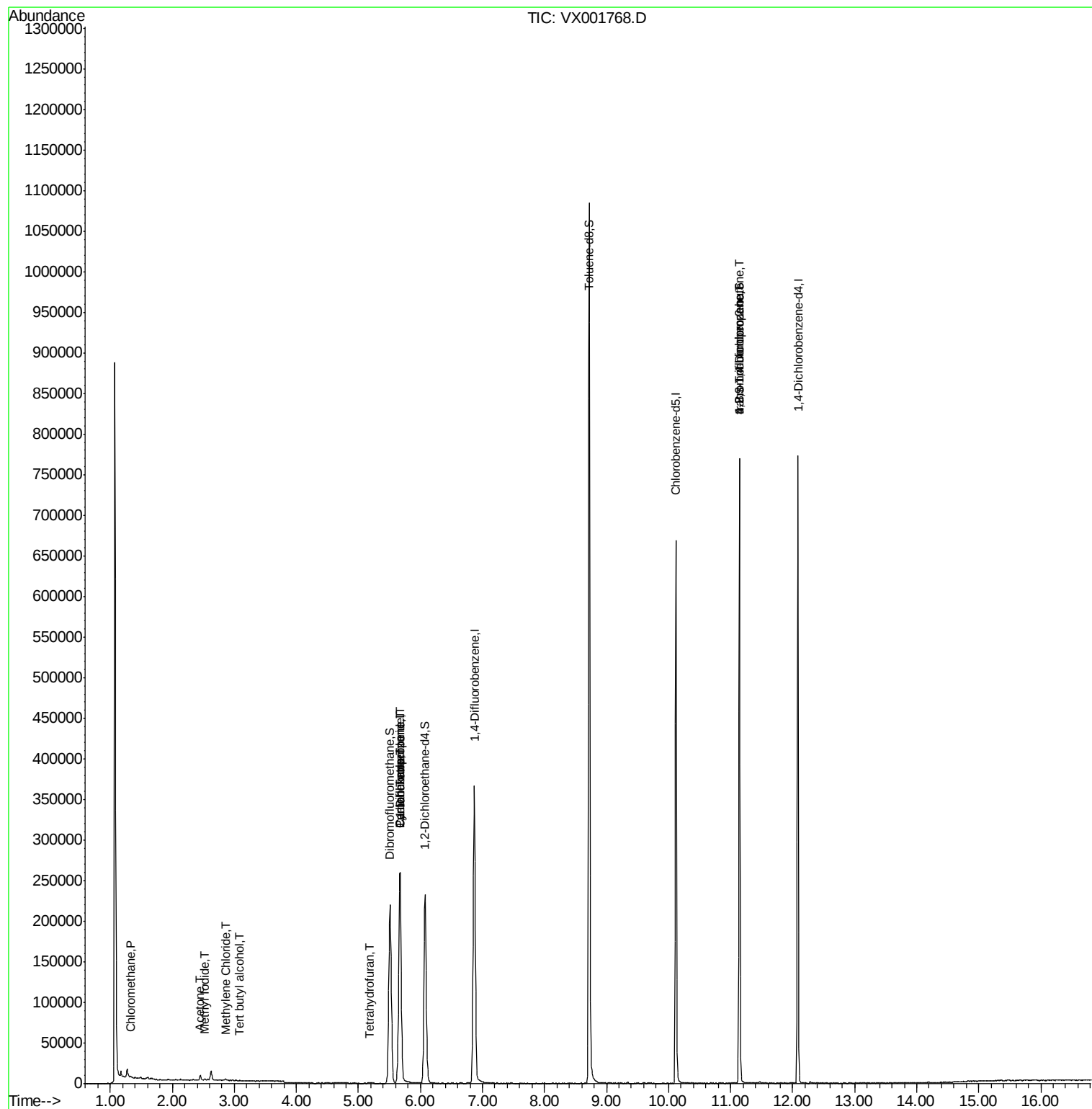
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	689	0.22	ug/l	100
5) Bromomethane	1.65	94	1137	Below	Cal	96
10) Methyl Iodide	2.52	142	1437	0.54	ug/l	98
11) Tert butyl alcohol	3.09	59	157	0.23	ug/l #	72
16) Acetone	2.45	43	5931	3.96	ug/l	96
20) Methylene Chloride	2.86	84	736	0.23	ug/l	91
29) Tetrahydrofuran	5.18	42	453	0.30	ug/l #	78
31) Cyclohexane	5.67	56	4377	0.91	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	16593	3.73	ug/l #	49
38) Carbon Tetrachloride	5.67	117	24337	5.22	ug/l #	16
76) 1,2,3-Trichloropropane	11.14	75	90647	28.35	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.14	75	90647	82.19	ug/l #	10

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

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QLast Update : Tue May 15 01:36:22 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001768.D

Acq: 16 May 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

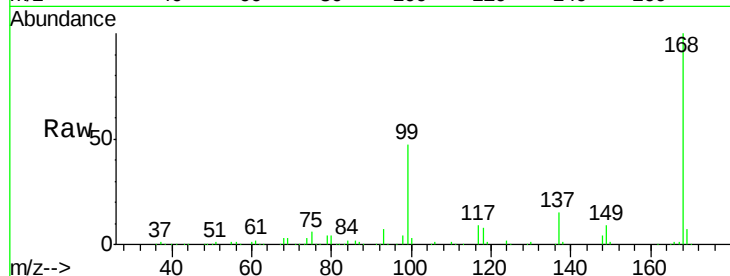
Z3TB06-180503

Tgt Ion:168 Resp: 284549

Ion Ratio Lower Upper

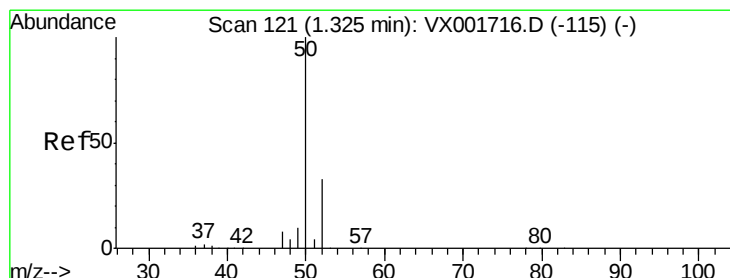
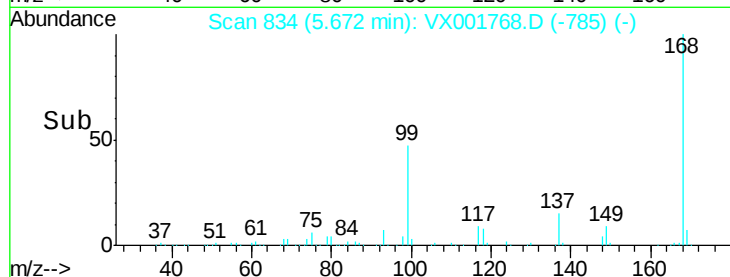
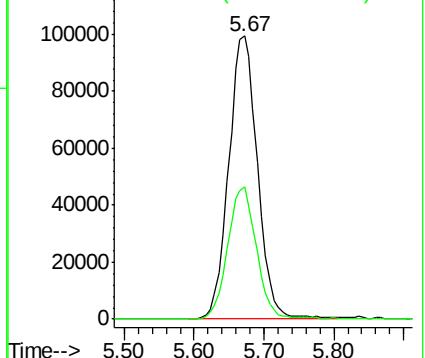
168 100

99 46.5 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.22 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001768.D

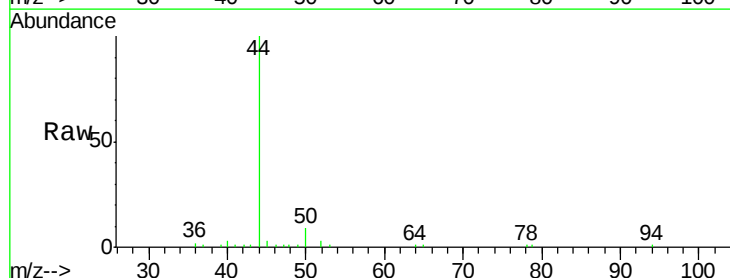
Acq: 16 May 2018 16:57

Tgt Ion: 50 Resp: 689

Ion Ratio Lower Upper

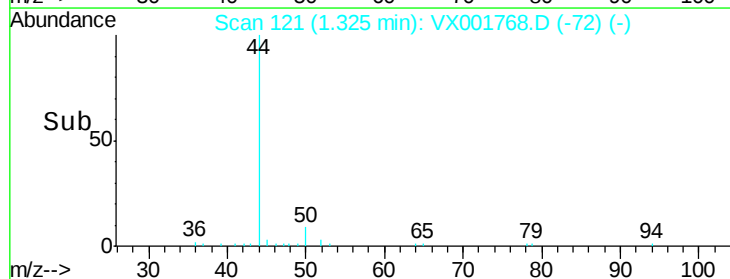
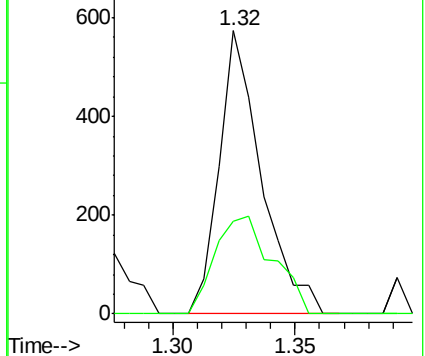
50 100

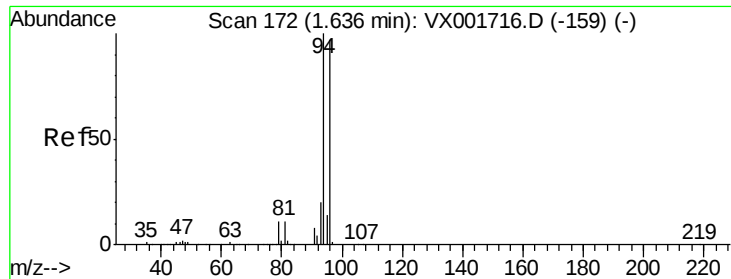
52 32.8 26.3 39.5



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: VX001768.D

Acq: 16 May 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

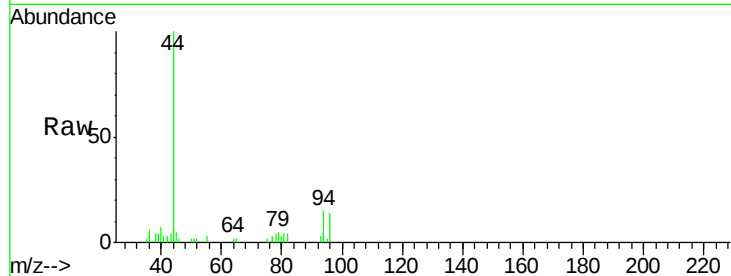
Z3TB06-180503

Tgt Ion: 94 Resp: 1137

Ion Ratio Lower Upper

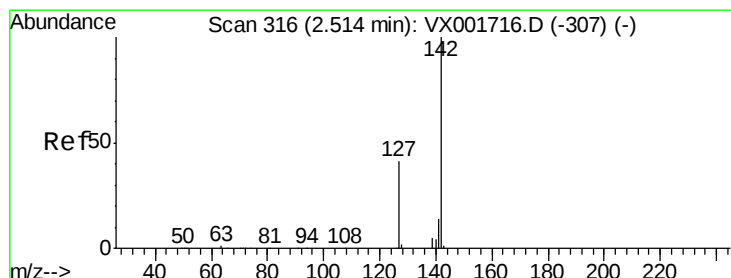
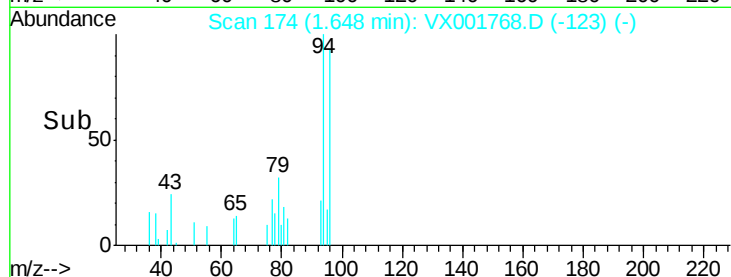
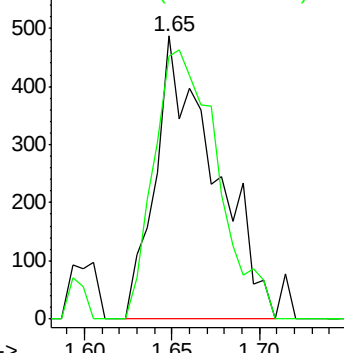
94 100

96 92.8 77.4 116.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#10

Methyl Iodide

Concen: 0.54 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX001768.D

Acq: 16 May 2018 16:57

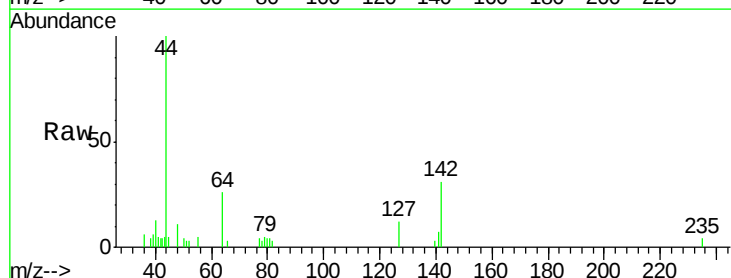
Tgt Ion: 142 Resp: 1437

Ion Ratio Lower Upper

142 100

127 39.7 32.5 48.7

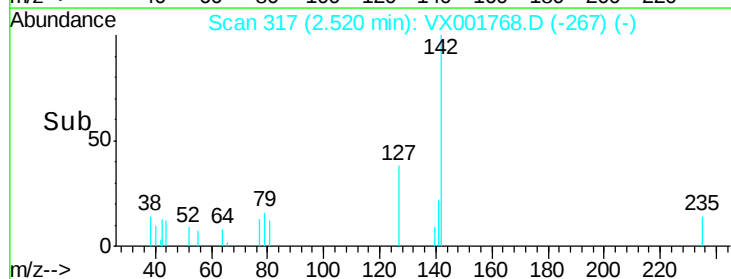
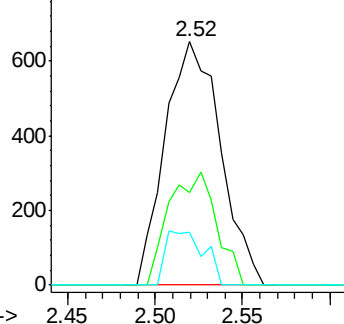
141 15.4 11.4 17.0

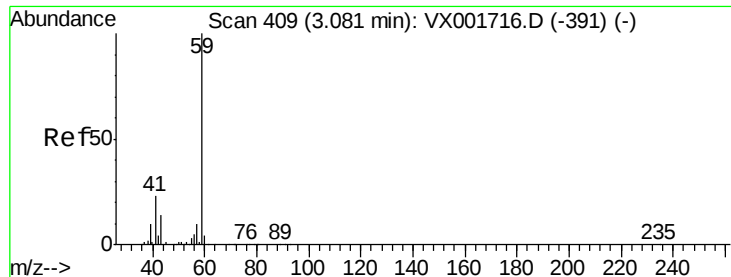


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

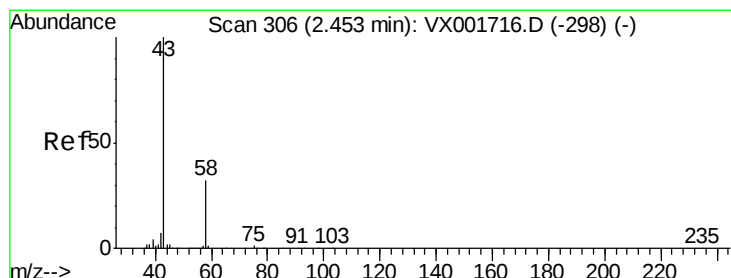
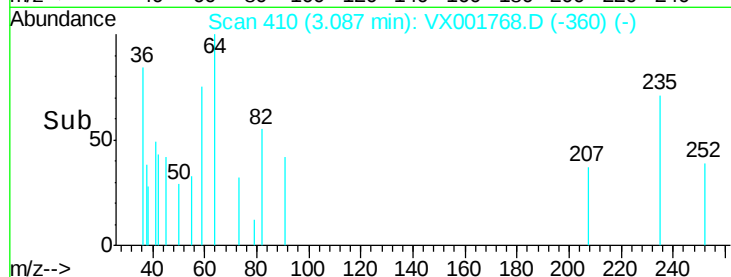
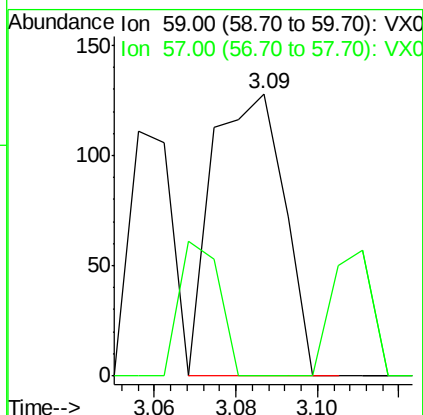
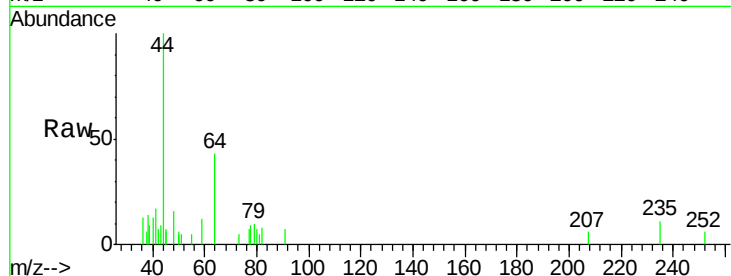




#11
Tert butyl alcohol
Concen: 0.23 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX001768.D
Acq: 16 May 2018 16:57

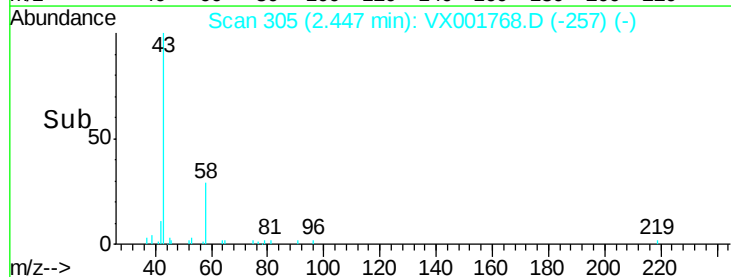
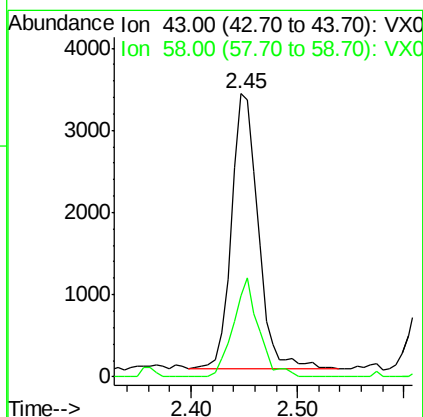
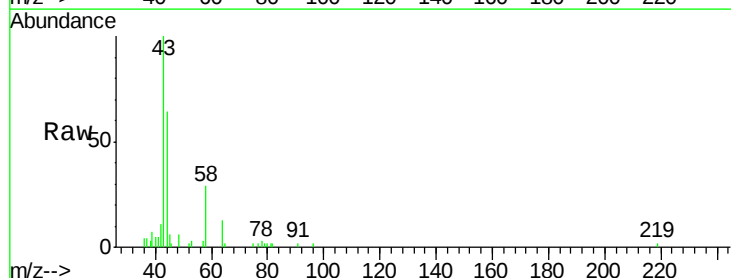
Instrument :
MSVOA_X
ClientSampleId :
Z3TB06-180503

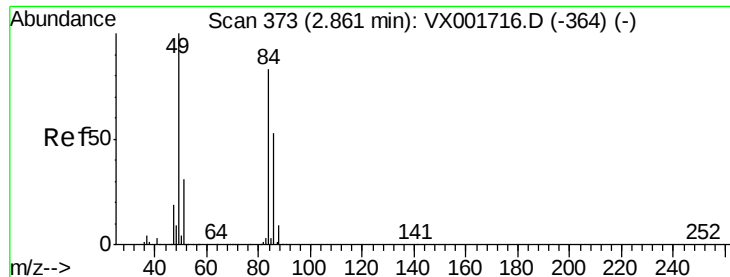
Tgt Ion: 59 Resp: 157
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#16
Acetone
Concen: 3.96 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX001768.D
Acq: 16 May 2018 16:57

Tgt Ion: 43 Resp: 5931
Ion Ratio Lower Upper
43 100
58 29.5 25.3 37.9

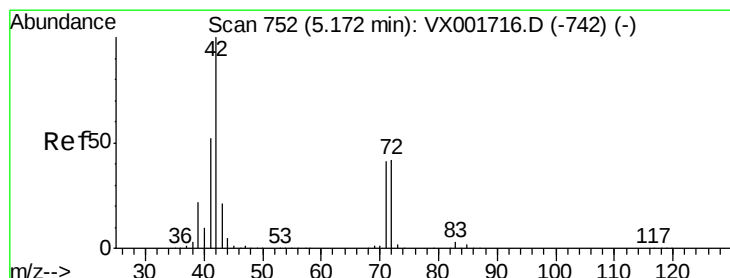
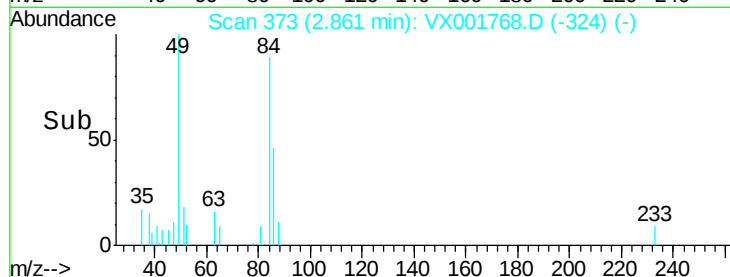
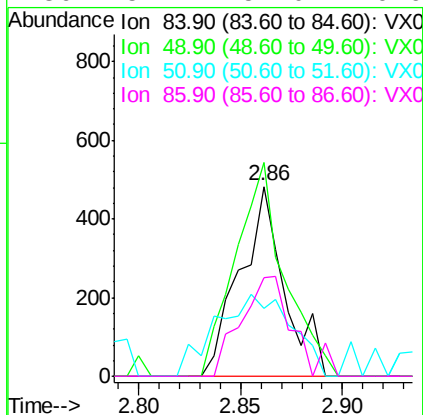
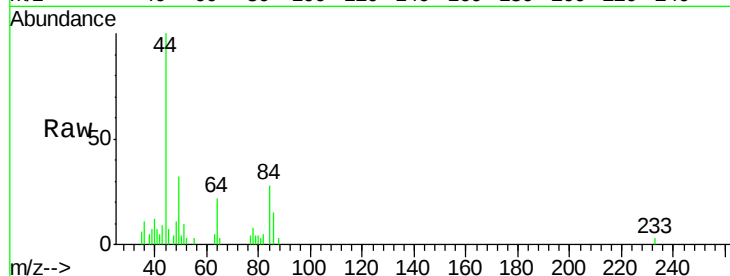




#20
Methylene Chloride
Concen: 0.23 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX001768.D
Acq: 16 May 2018 16:57

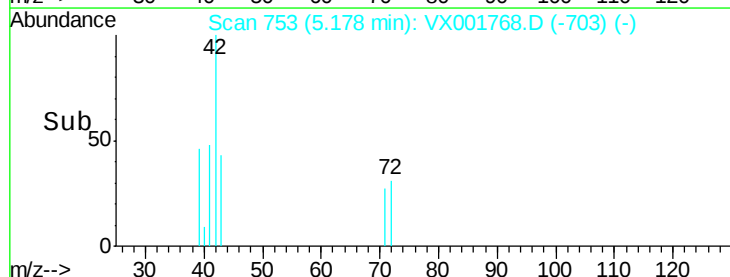
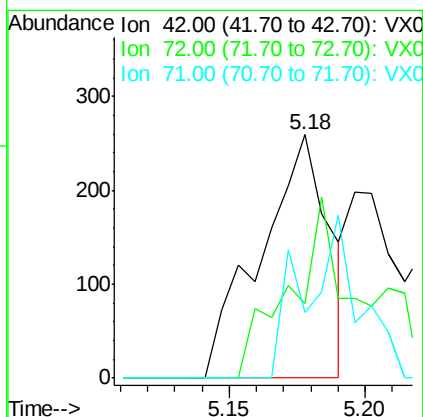
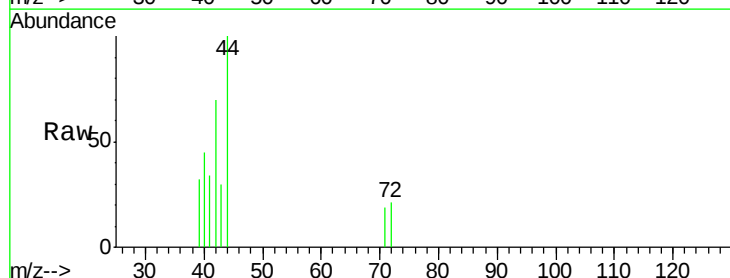
Instrument :
MSVOA_X
ClientSampleId :
Z3TB06-180503

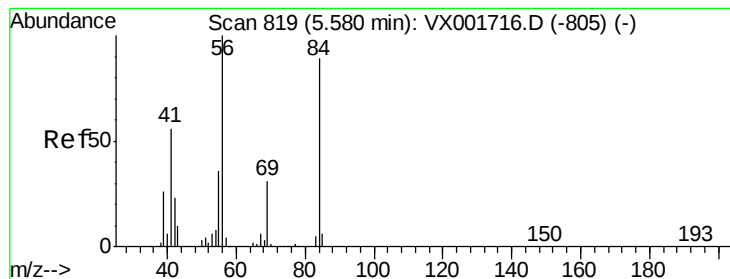
Tgt Ion:	84	Resp:	736
Ion	Ratio	Lower	Upper
84	100		
49	112.4	96.3	144.5
51	36.0	29.8	44.6
86	52.2	51.0	76.6



#29
Tetrahydrofuran
Concen: 0.30 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX001768.D
Acq: 16 May 2018 16:57

Tgt Ion:	42	Resp:	453
Ion	Ratio	Lower	Upper
42	100		
72	60.9	35.4	53.2#
71	53.2	33.2	49.8#





#31

Cyclohexane

Concen: 0.91 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.09 min

Lab File: VX001768.D

Acq: 16 May 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

Z3TB06-180503

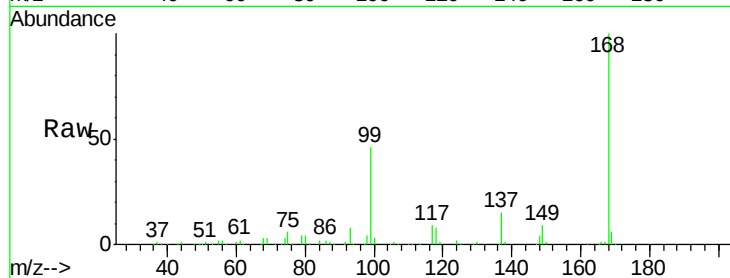
Tgt Ion: 56 Resp: 4377

Ion Ratio Lower Upper

56 100

69 187.8 25.0 37.6#

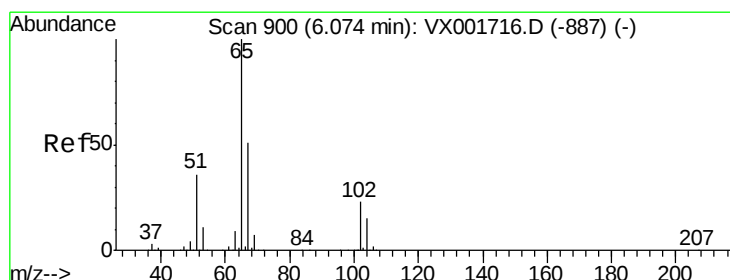
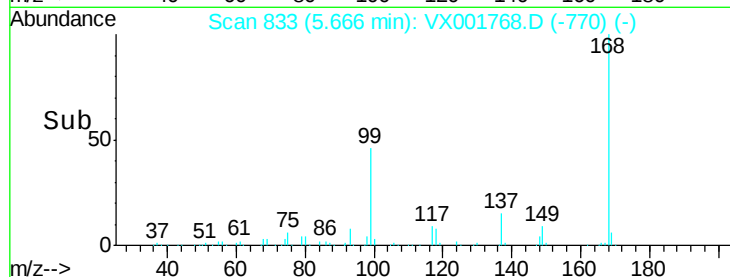
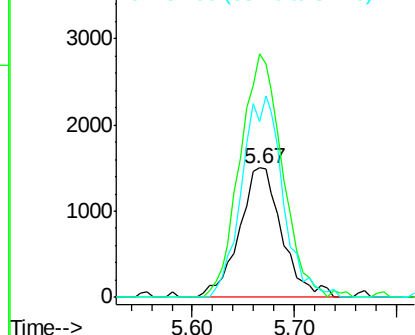
84 135.8 71.0 106.4#



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: 57.35 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001768.D

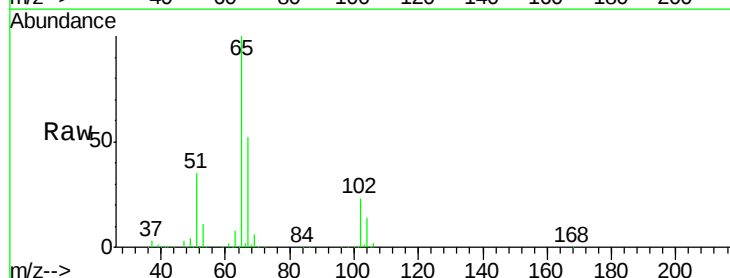
Acq: 16 May 2018 16:57

Tgt Ion: 65 Resp: 218745

Ion Ratio Lower Upper

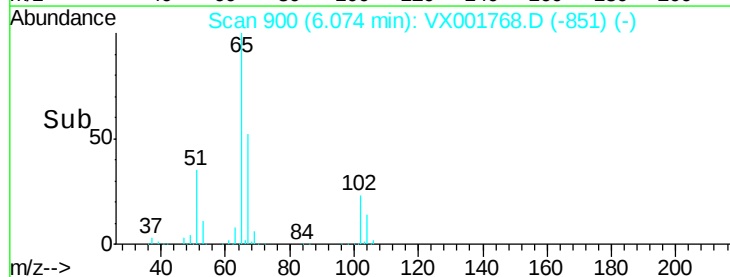
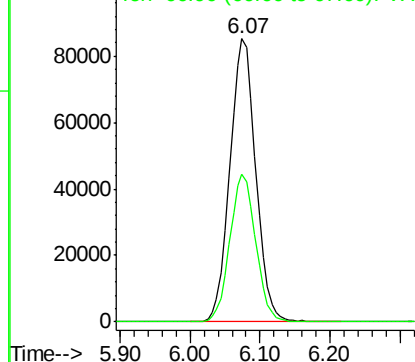
65 100

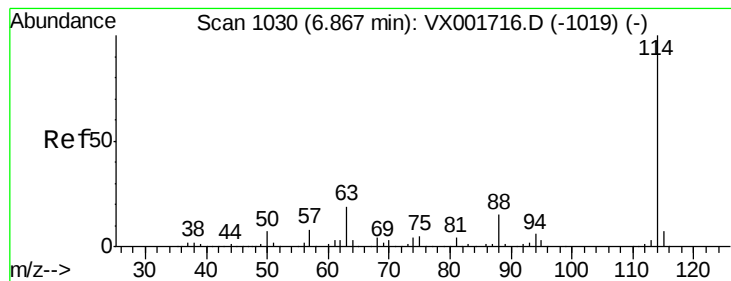
67 52.2 0.0 102.8



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: VX001768.D

Acq: 16 May 2018 16:57

Instrument :

MSVOA_X

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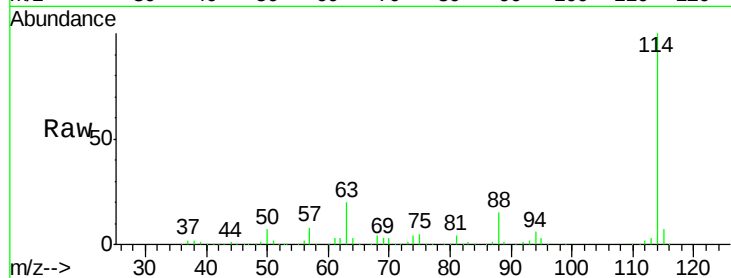
Tgt Ion:114 Resp: 386950

Ion Ratio Lower Upper

114 100

63 19.9 0.0 37.0

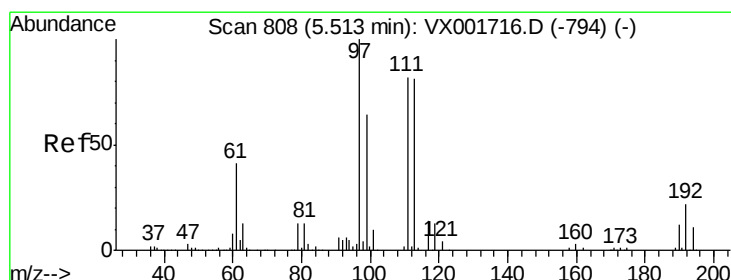
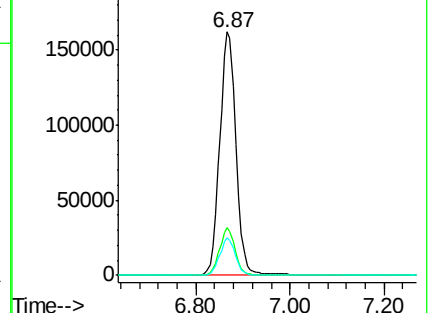
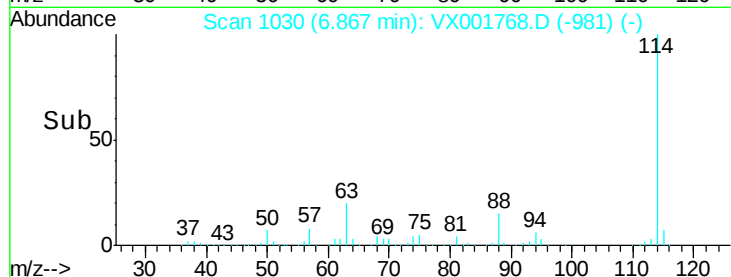
88 15.3 0.0 29.8



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: 55.91 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX001768.D

Acq: 16 May 2018 16:57

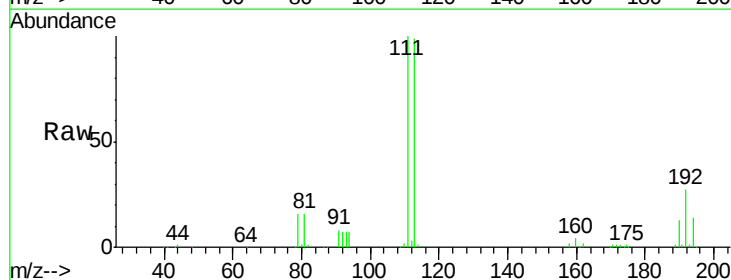
Tgt Ion:113 Resp: 182561

Ion Ratio Lower Upper

113 100

111 102.0 82.0 123.0

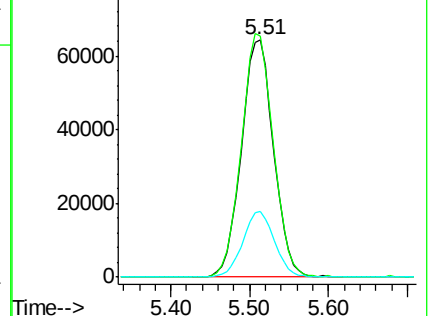
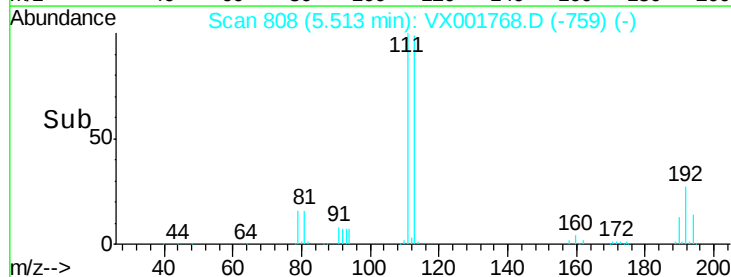
192 27.3 21.6 32.4

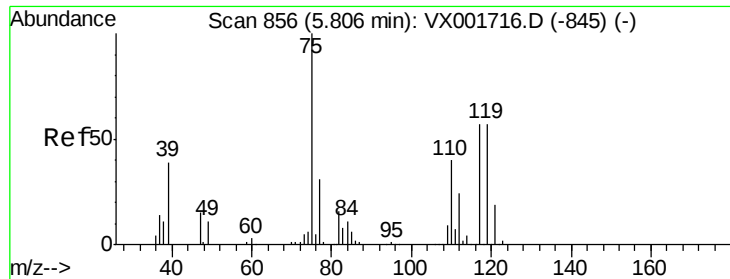


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

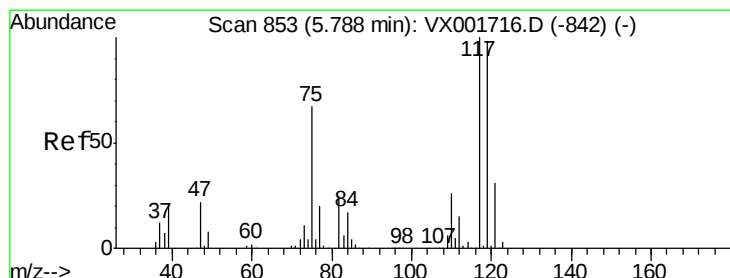
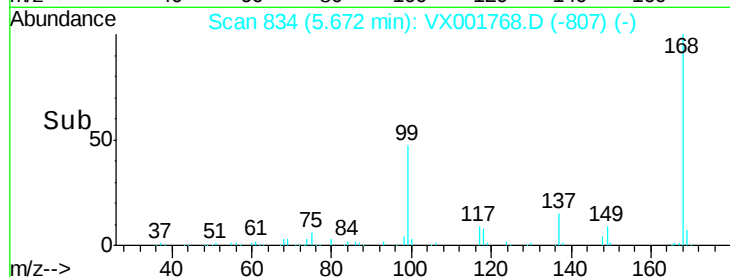
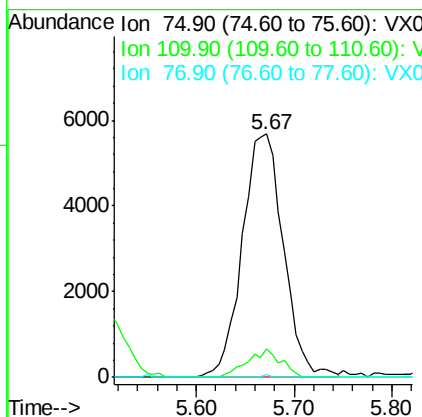
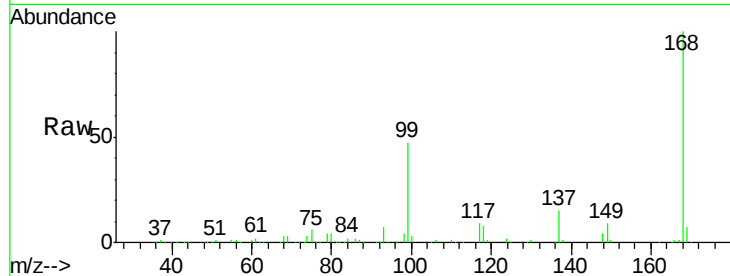




#36
 1,1-Dichloropropene
 Concen: 3.73 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.13 min
 Lab File: VX001768.D
 Acq: 16 May 2018 16:57

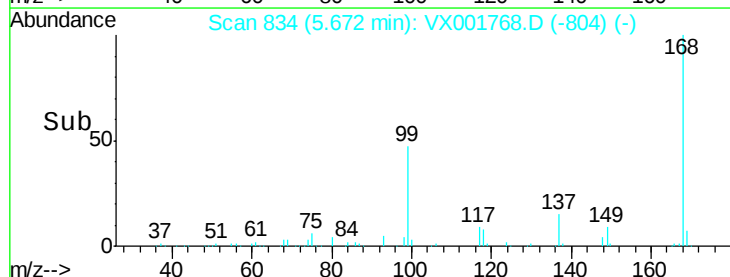
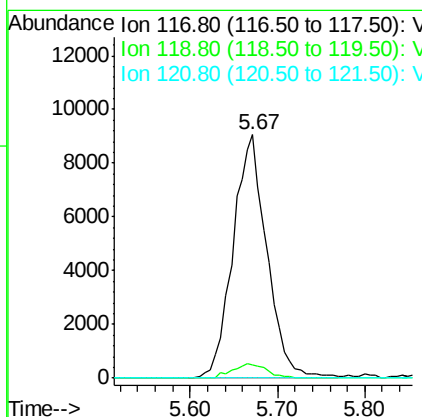
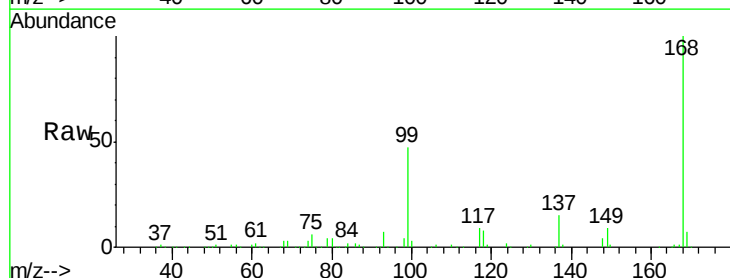
Instrument :
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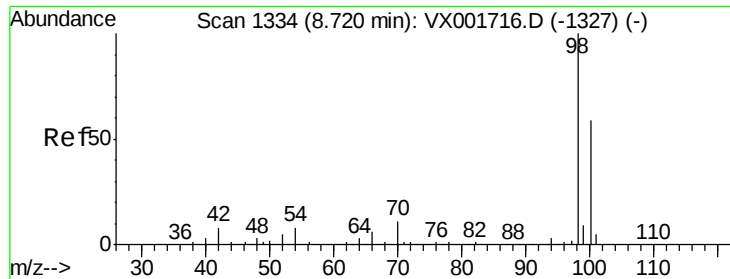
Tgt Ion: 75 Resp: 16593
 Ion Ratio Lower Upper
 75 100
 110 9.4 19.1 57.1#
 77 0.2 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 5.22 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.12 min
 Lab File: VX001768.D
 Acq: 16 May 2018 16:57

Tgt Ion: 117 Resp: 24337
 Ion Ratio Lower Upper
 117 100
 119 5.5 77.6 116.4#
 121 0.0 24.6 36.8#





#50

Toluene-d8

Concen: 55.07 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001768.D

Acq: 16 May 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

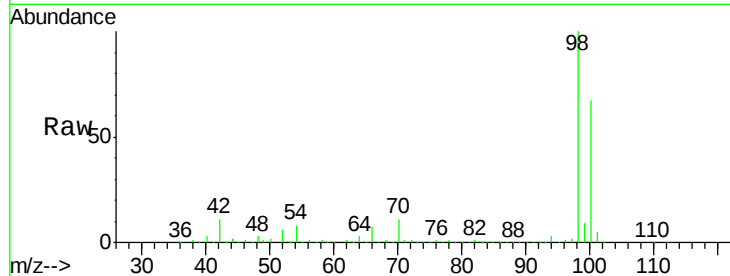
Z3TB06-180503

Tgt Ion: 98 Resp: 644021

Ion Ratio Lower Upper

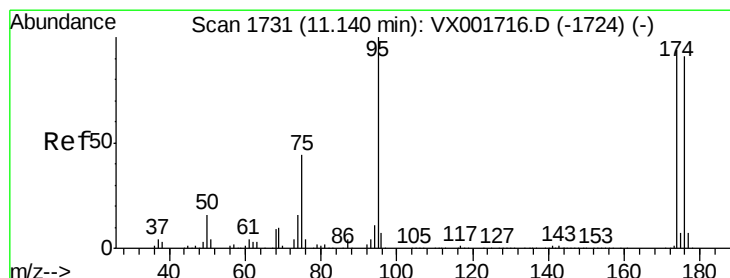
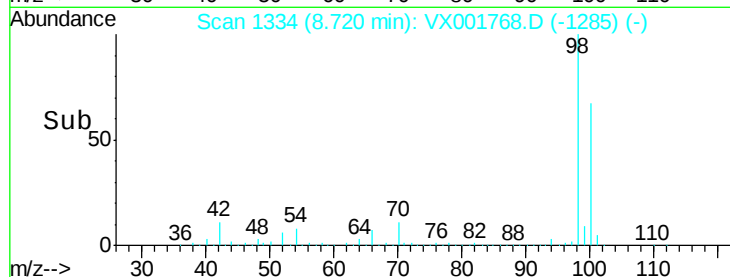
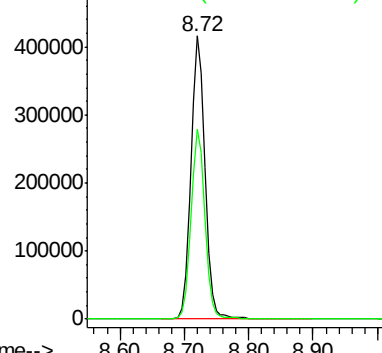
98 100

100 66.7 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 45.20 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001768.D

Acq: 16 May 2018 16:57

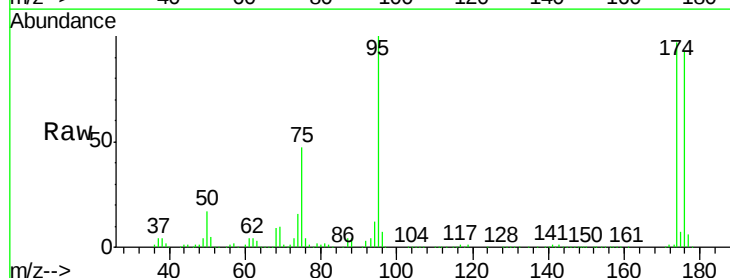
Tgt Ion: 95 Resp: 190350

Ion Ratio Lower Upper

95 100

174 103.2 0.0 201.8

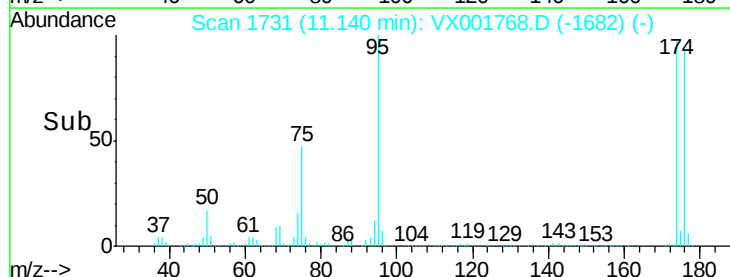
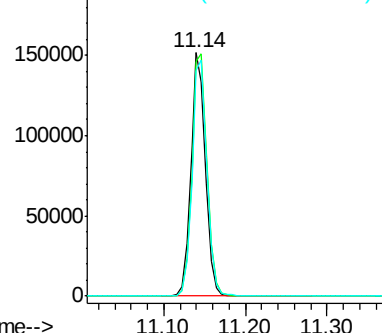
176 99.3 0.0 196.8

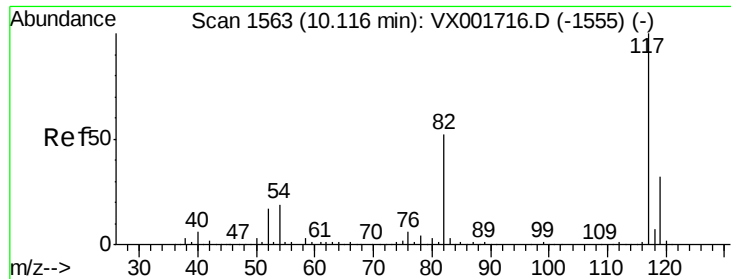


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

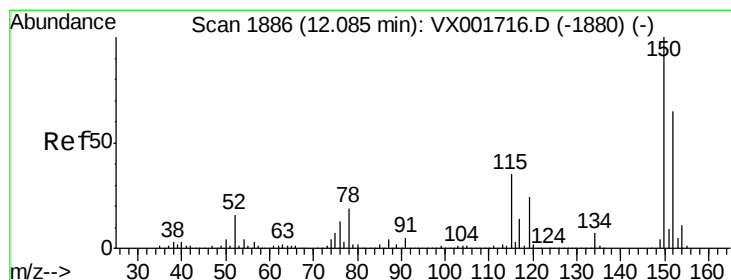
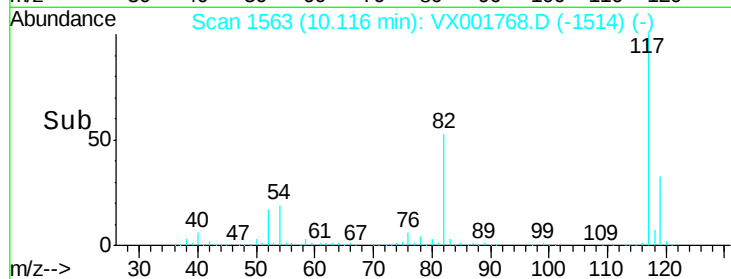
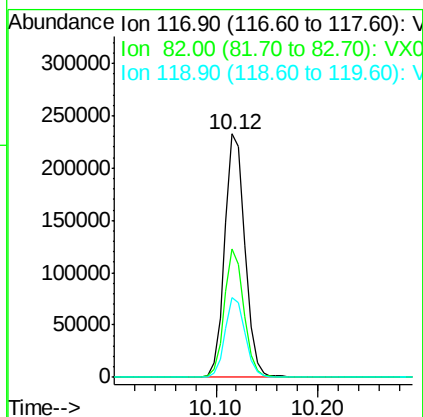
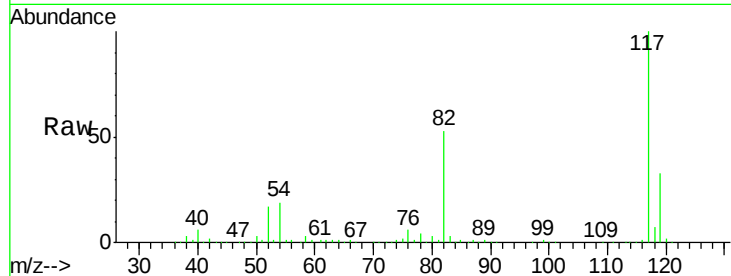




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX001768.D
Acq: 16 May 2018 16:57

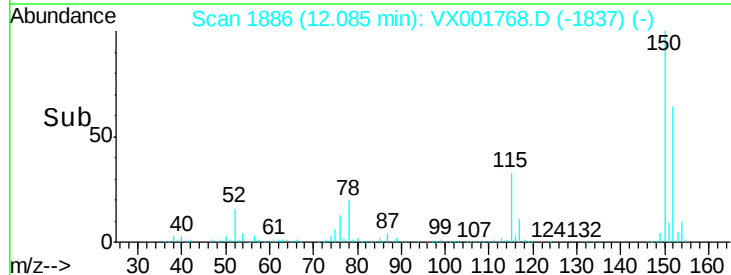
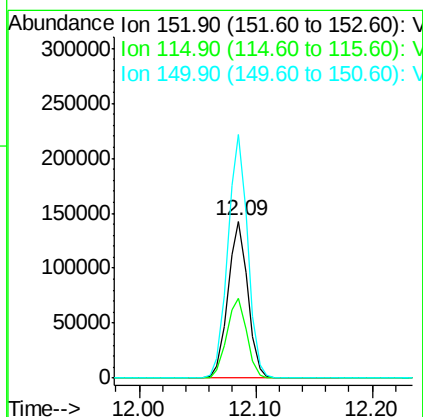
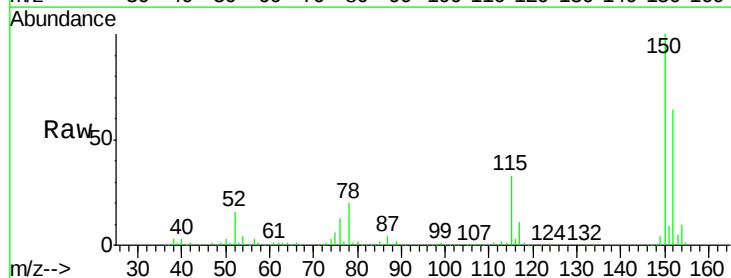
Instrument :
MSVOA_X
ClientSampleId :
Z3TB06-180503

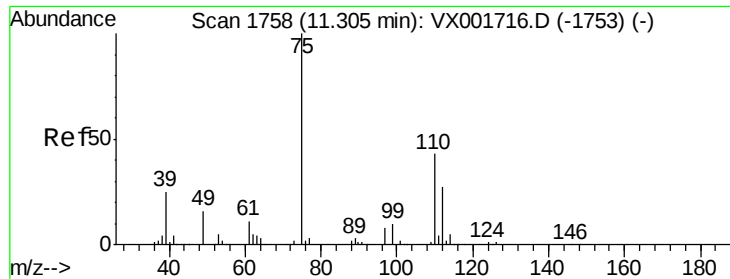
Tgt Ion:117 Resp: 320236
Ion Ratio Lower Upper
117 100
82 52.7 41.4 62.2
119 32.9 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX001768.D
Acq: 16 May 2018 16:57

Tgt Ion:152 Resp: 168177
Ion Ratio Lower Upper
152 100
115 51.9 37.4 112.2
150 155.7 0.0 344.8

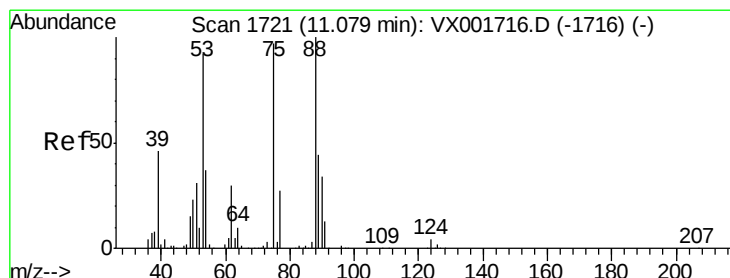
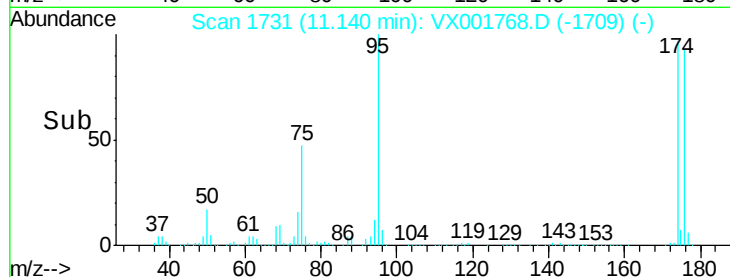
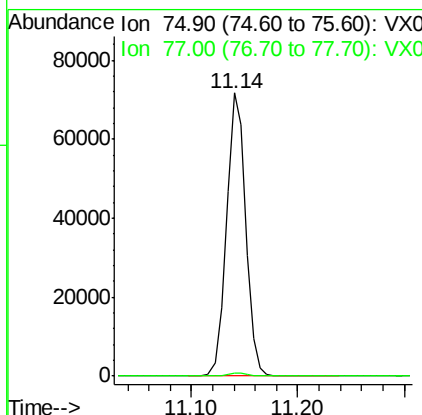
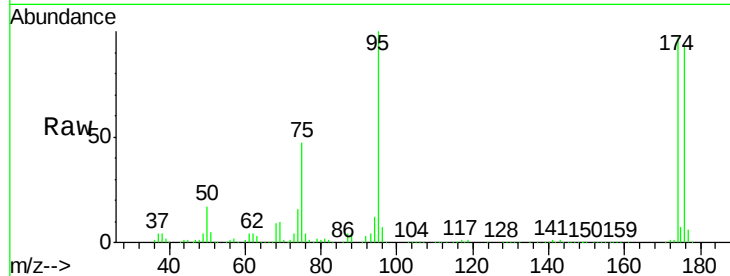




#76
 1,2,3-Trichloropropane
 Concen: 28.35 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX001768.D
 Acq: 16 May 2018 16:57

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3TB06-180503

Tgt Ion: 75 Resp: 90647
 Ion Ratio Lower Upper
 75 100
 77 1.2 18.9 56.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.19 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX001768.D
 Acq: 16 May 2018 16:57

Tgt Ion: 75 Resp: 90647
 Ion Ratio Lower Upper
 75 100
 53 0.1 79.4 119.2#
 89 0.0 38.8 58.2#

