

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031318\
 Data File : VX000296.D
 Acq On : 13 Mar 2018 13:19
 Operator : JC/MD
 Sample : J1834-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-180306

Quant Time: Mar 13 14:42:55 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 08 02:15:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	125565	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	216631	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	210888	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	108631	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	89734	51.55	ug/l	0.00
Spiked Amount			Recovery	=	103.10%	
35) Dibromofluoromethane	5.52	113	68785	50.55	ug/l	0.00
Spiked Amount			Recovery	=	101.10%	
50) Toluene-d8	8.73	98	264568	46.94	ug/l	0.00
Spiked Amount			Recovery	=	93.88%	
62) 4-Bromofluorobenzene	11.15	95	96728	43.97	ug/l	0.00
Spiked Amount			Recovery	=	87.94%	

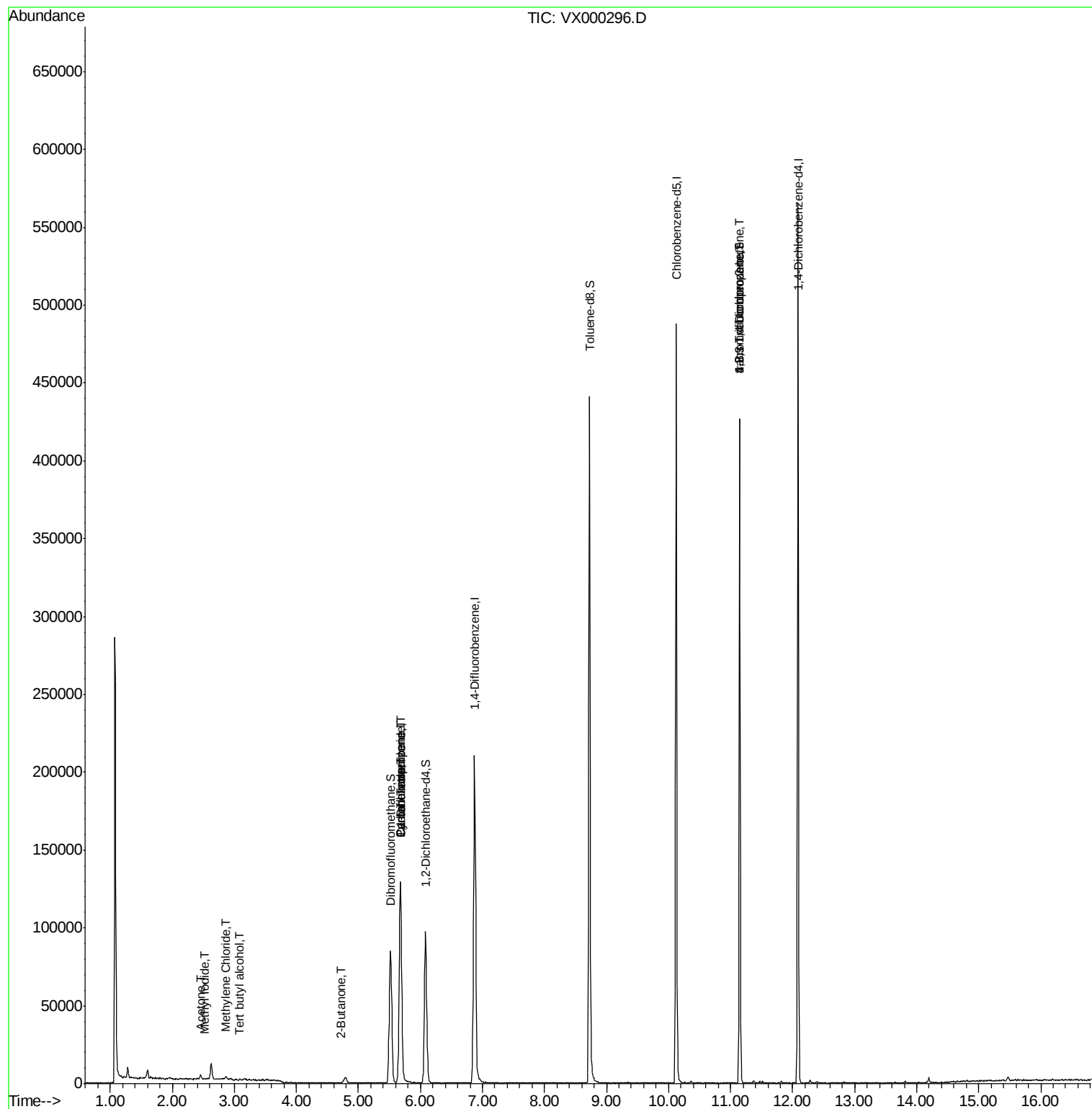
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	212	Below Cal		86
6) Chloroethane	1.72	64	104	Below Cal	#	42
10) Methyl Iodide	2.51	142	284	3.32	ug/l	98
11) Tert butyl alcohol	3.09	59	234	0.37	ug/l	# 72
16) Acetone	2.45	43	2859	2.29	ug/l	94
20) Methylene Chloride	2.87	84	788	0.53	ug/l	# 62
25) 2-Butanone	4.72	43	331	0.21	ug/l	# 50
31) Cyclohexane	5.67	56	3528	1.85	ug/l	# 43
36) 1,1-Dichloropropene	5.68	75	10387	5.39	ug/l	# 50
38) Carbon Tetrachloride	5.68	117	12656	6.49	ug/l	# 16
76) 1,2,3-Trichloropropane	11.15	75	55701	25.58	ug/l	# 33
81) trans-1,4-Dichloro-2-buten	11.15	75	55701	78.33	ug/l	# 10

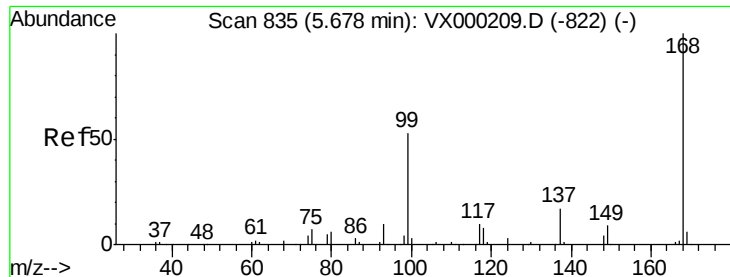
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031318\
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Quant Title : SW846 8260
QLast Update : Thu Mar 08 02:15:47 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.00 min

Lab File: VX000296.D

Acq: 13 Mar 2018 13:19

Instrument :

MSVOA_X

ClientSampleId :

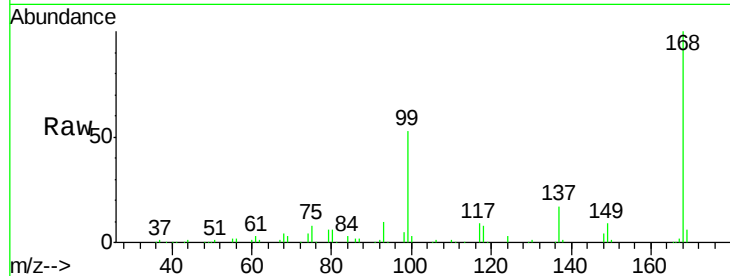
TB-01-180306

Tot Ion:168 Resp: 125565

Ion Ratio Lower Upper

168 100

99 53.4 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

40000

30000

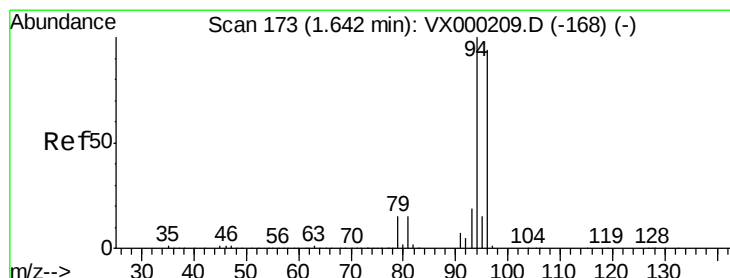
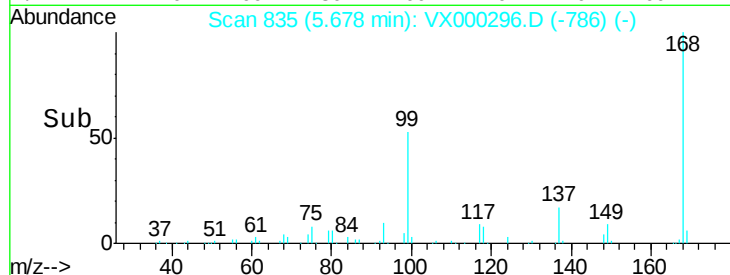
20000

10000

0

5.60 5.70 5.80

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX000296.D

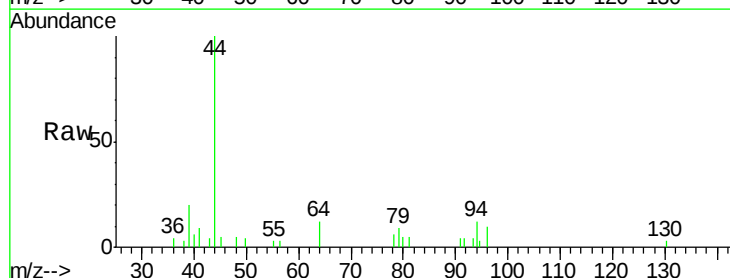
Acq: 13 Mar 2018 13:19

Tgt Ion: 94 Resp: 212

Ion Ratio Lower Upper

94 100

96 80.3 75.3 112.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

250

200

150

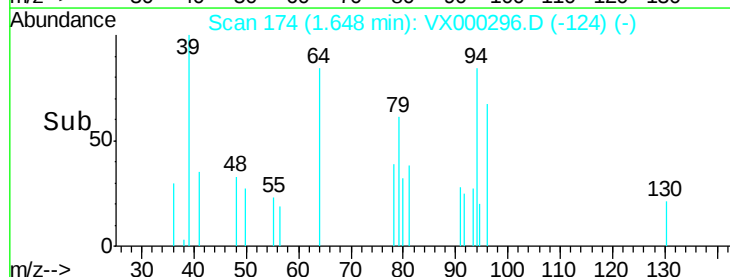
100

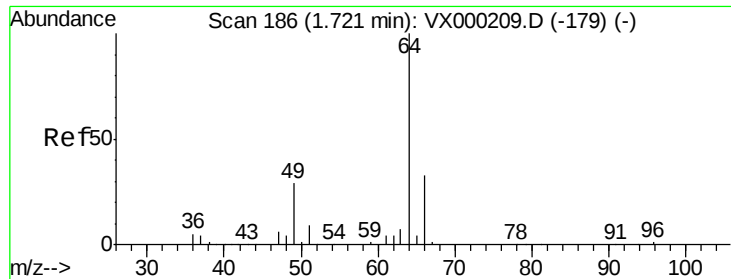
50

0

1.60 1.62 1.64 1.66

Time-->





#6

Chloroethane

Concen: Below Cal

RT: 1.72 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX000296.D

Acq: 13 Mar 2018 13:19

Instrument :

MSVOA_X

ClientSampleId :

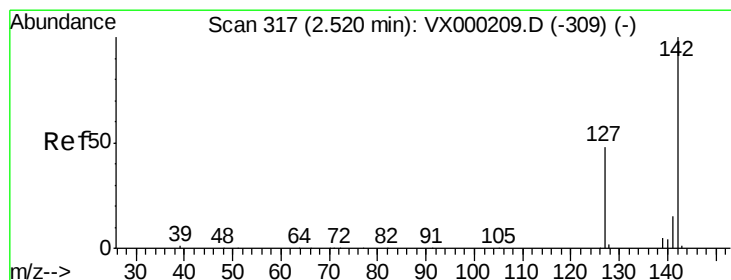
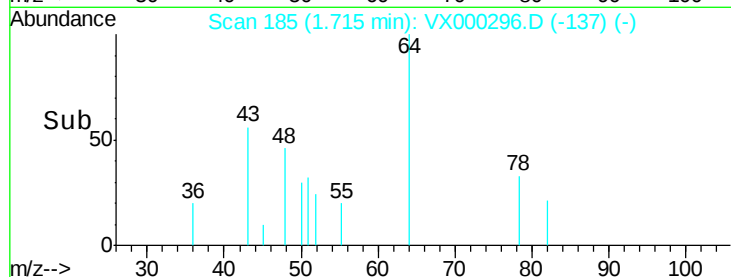
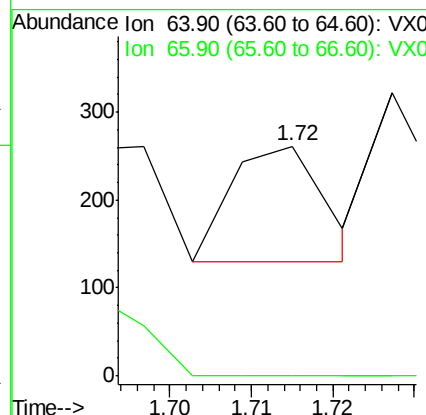
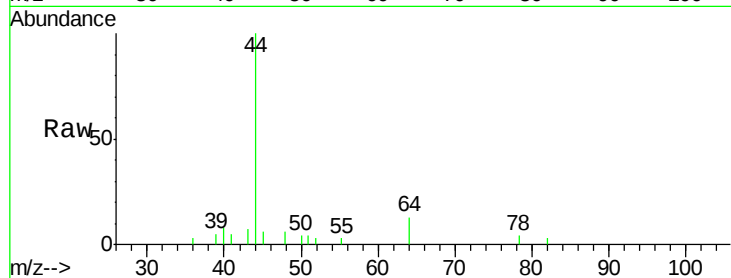
TB-01-180306

Tot Ion: 64 Resp: 104

Ion Ratio Lower Upper

64 100

66 0.0 26.2 39.4#



#10

Methyl Iodide

Concen: 3.32 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.01 min

Lab File: VX000296.D

Acq: 13 Mar 2018 13:19

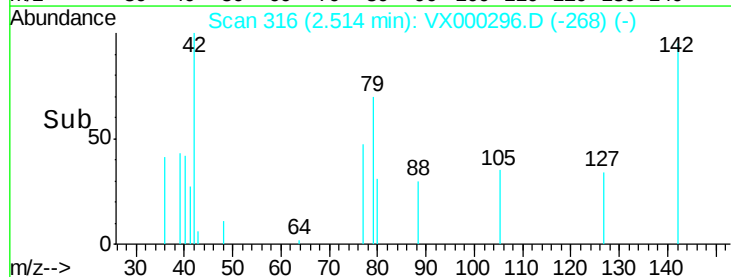
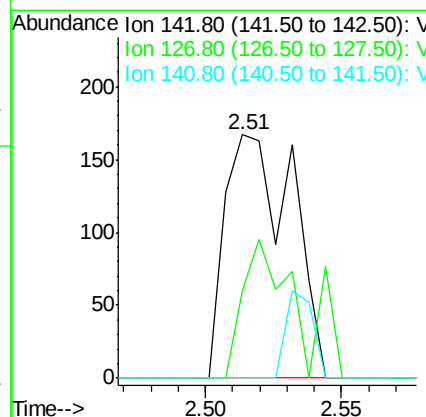
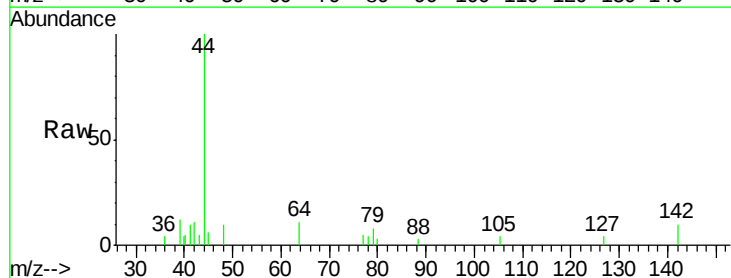
Tgt Ion: 142 Resp: 284

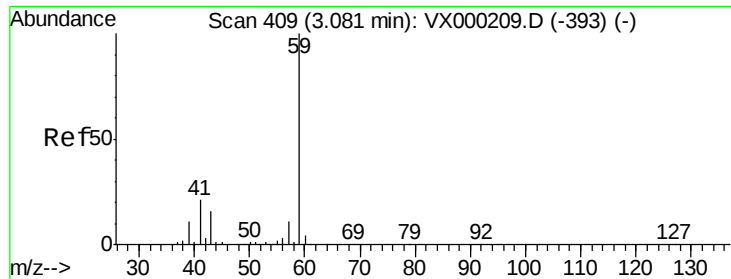
Ion Ratio Lower Upper

142 100

127 47.2 39.0 58.6

141 14.4 11.6 17.4

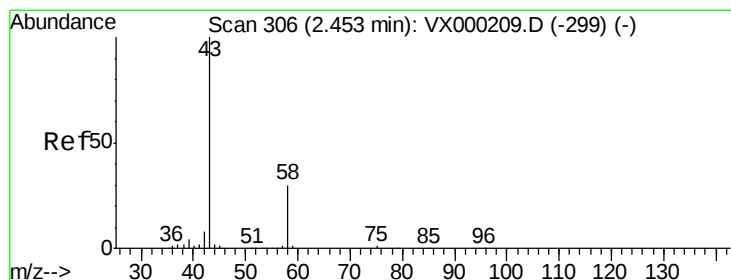
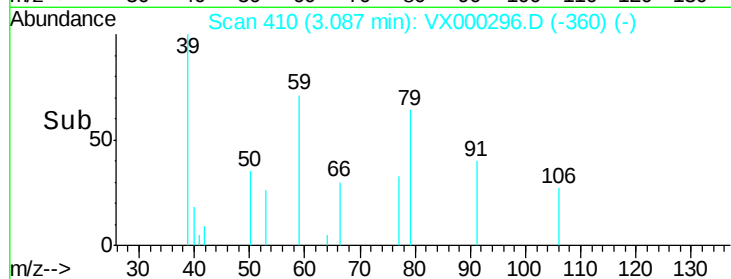
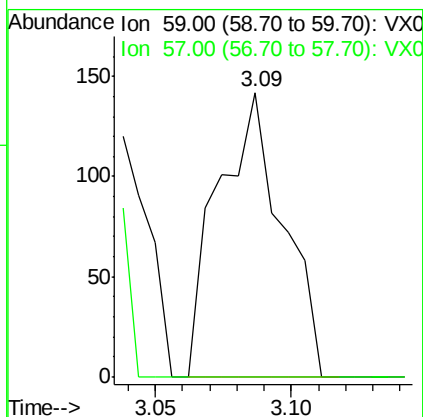
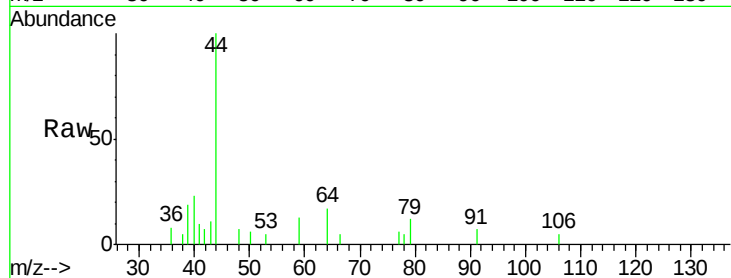




#11
Tert butyl alcohol
Concen: 0.37 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX000296.D
Acq: 13 Mar 2018 13:19

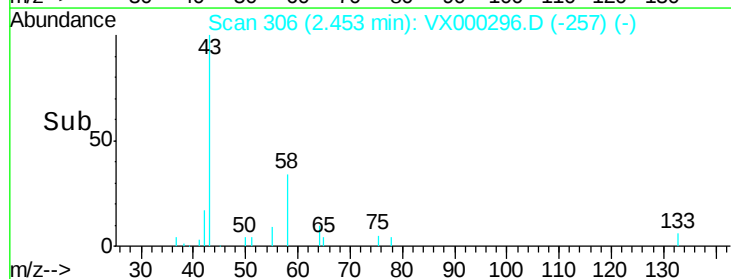
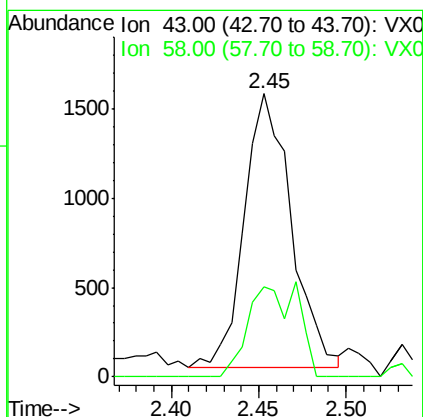
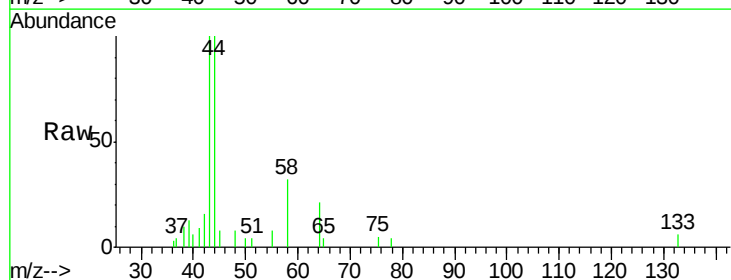
Instrument :
MSVOA_X
ClientSampled :
TB-01-180306

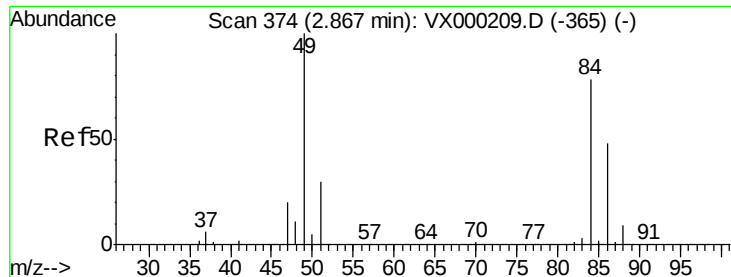
Tot Ion: 59 Resp: 234
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#



#16
Acetone
Concen: 2.29 ug/l
RT: 2.45 min Scan# 306
Delta R.T. 0.00 min
Lab File: VX000296.D
Acq: 13 Mar 2018 13:19

Tgt Ion: 43 Resp: 2859
Ion Ratio Lower Upper
43 100
58 32.9 23.8 35.6

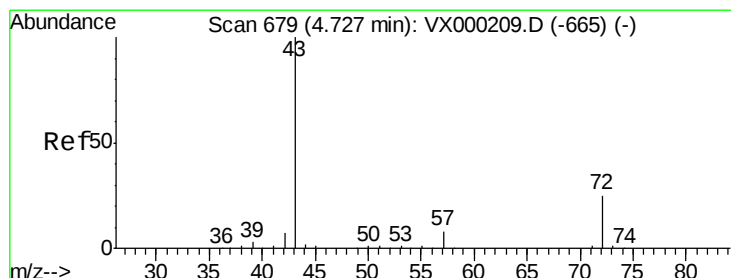
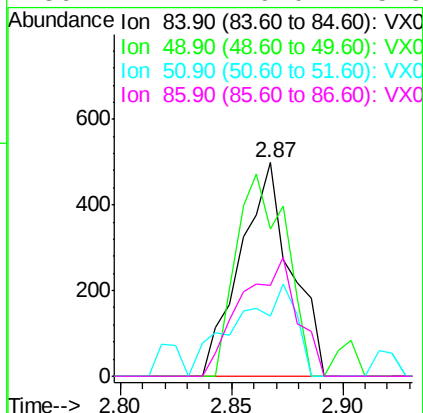
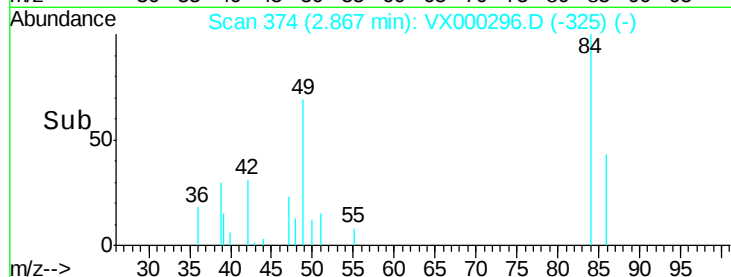
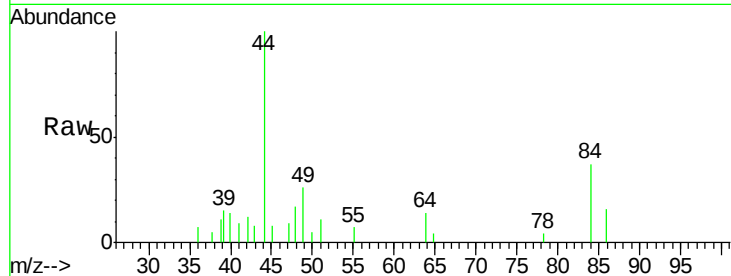




#20
Methvlene Chloride
Concen: 0.53 ug/l
RT: 2.87 min Scan# 374
Delta R.T. 0.00 min
Lab File: VX000296.D
Acq: 13 Mar 2018 13:19

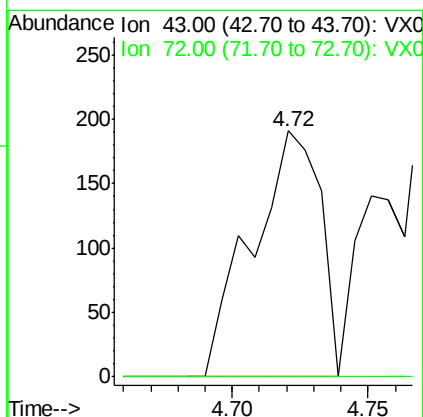
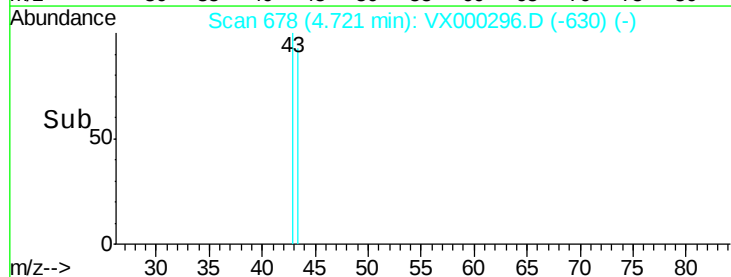
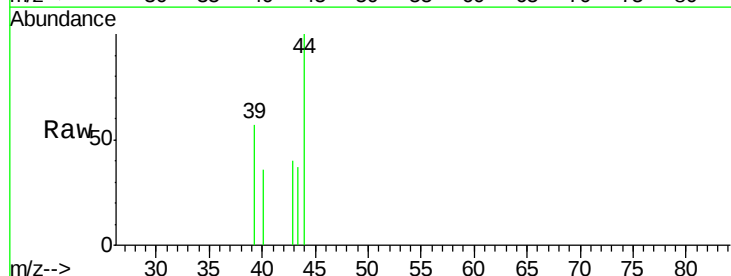
Instrument :
MSVOA_X
ClientSampleId :
TB-01-180306

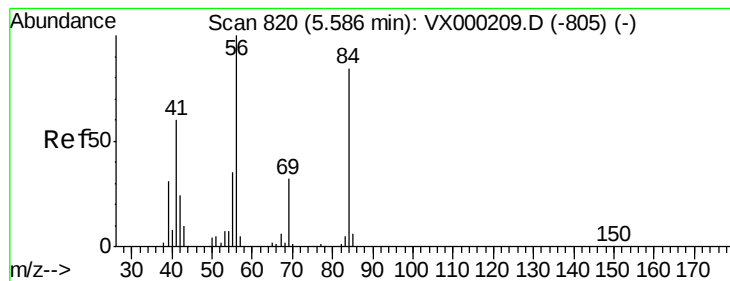
Tot Ion: 84 Resp: 788
Ion Ratio Lower Upper
84 100
49 68.7 102.1 153.1#
51 28.3 30.6 45.8#
86 42.7 49.0 73.6#



#25
2-Butanone
Concen: 0.21 ug/l
RT: 4.72 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX000296.D
Acq: 13 Mar 2018 13:19

Tgt Ion: 43 Resp: 331
Ion Ratio Lower Upper
43 100
72 0.0 20.2 30.2#





#31

Cyclohexane

Concen: 1.85 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.09 min

Lab File: VX000296.D

Acq: 13 Mar 2018 13:19

Instrument :

MSVOA_X

ClientSampleId :

TB-01-180306

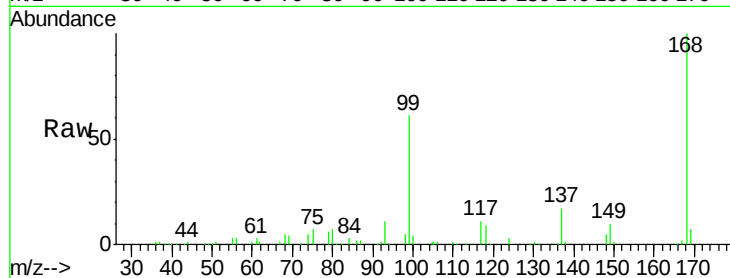
Tot Ion: 56 Resp: 3528

Ion Ratio Lower Upper

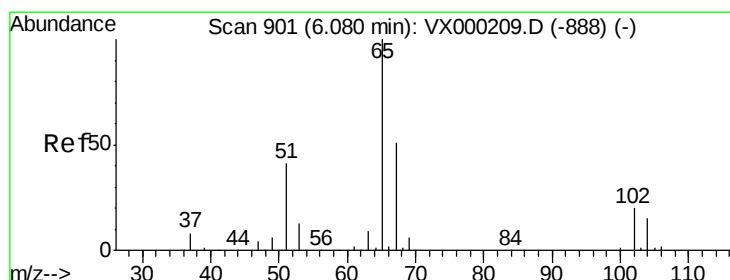
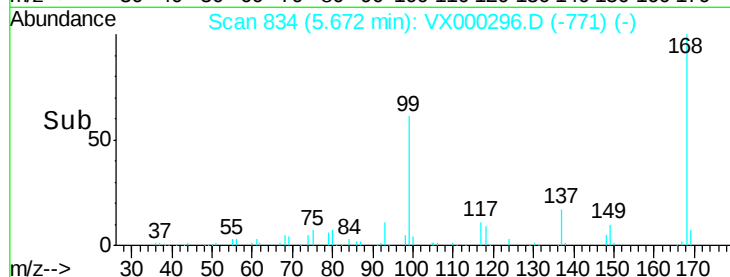
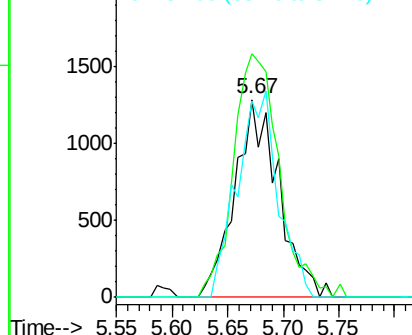
56 100

69 123.1 25.3 37.9#

84 99.2 67.2 100.8



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: 51.55 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.00 min

Lab File: VX000296.D

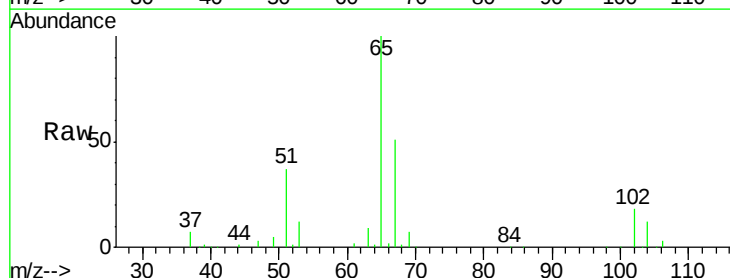
Acq: 13 Mar 2018 13:19

Tgt Ion: 65 Resp: 89734

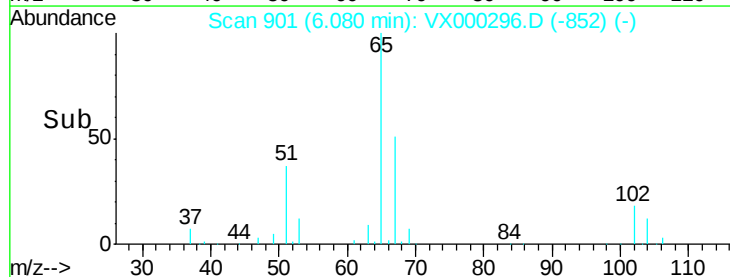
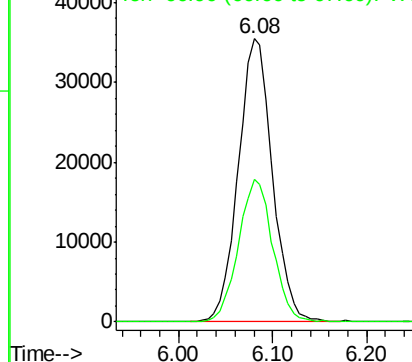
Ion Ratio Lower Upper

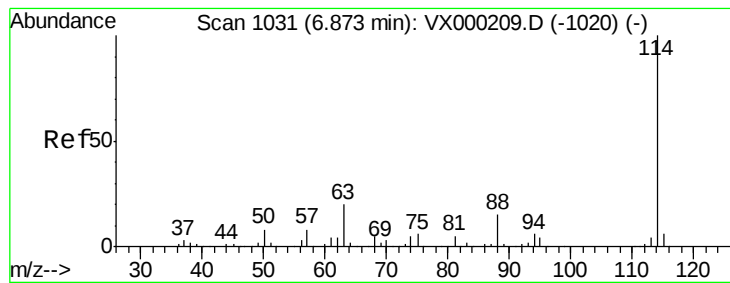
65 100

67 50.7 0.0 103.4



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# 1031

Delta R.T. 0.00 min

Lab File: VX000296.D

Acq: 13 Mar 2018 13:19

Instrument :

MSVOA_X

ClientSampleId :

TB-01-180306

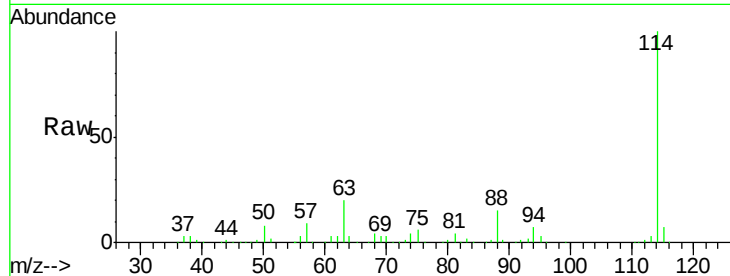
Tot Ion:114 Resp: 216631

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.2

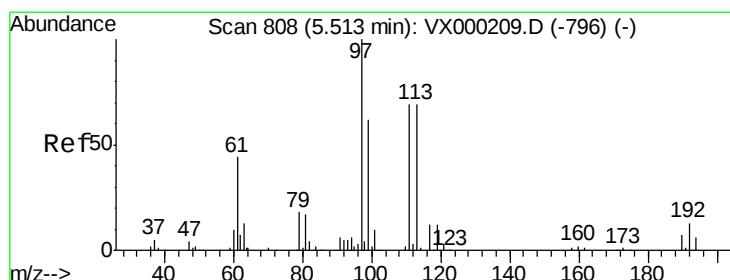
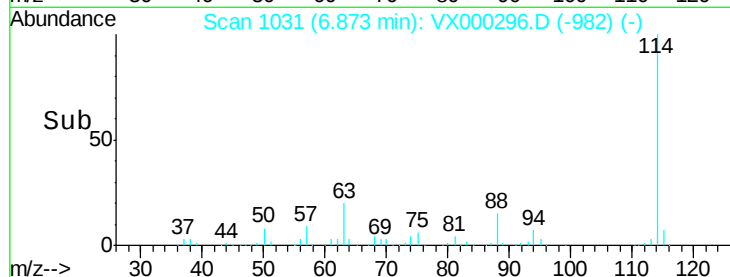
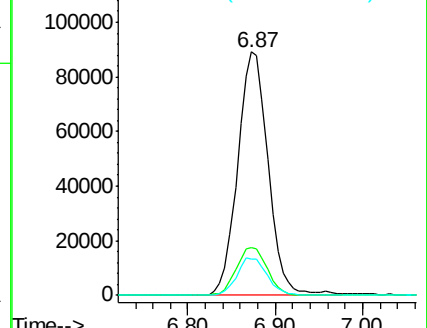
88 14.7 0.0 29.8



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: 50.55 ug/l

RT: 5.52 min Scan# 809

Delta R.T. 0.01 min

Lab File: VX000296.D

Acq: 13 Mar 2018 13:19

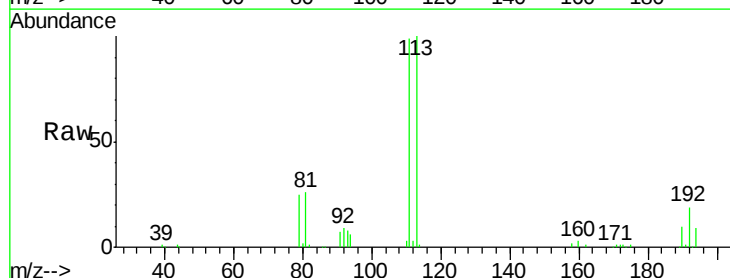
Tgt Ion:113 Resp: 68785

Ion Ratio Lower Upper

113 100

111 100.4 83.0 124.6

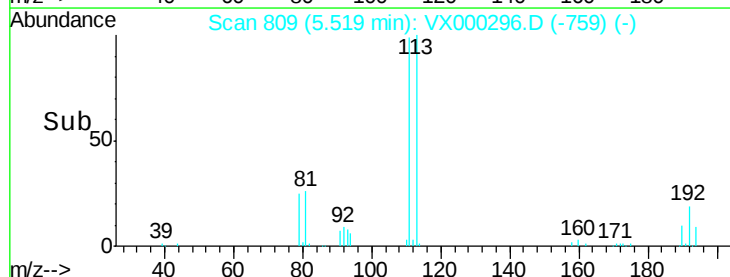
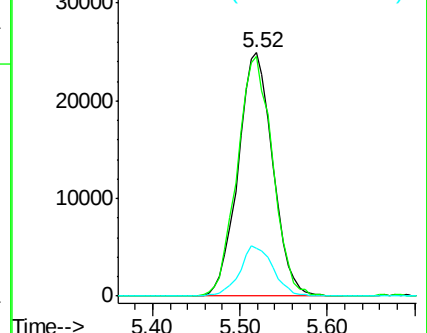
192 19.9 15.5 23.3

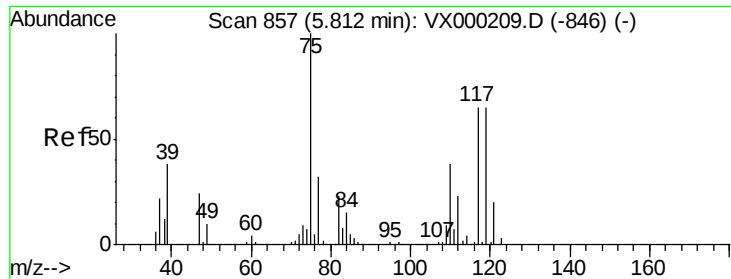


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

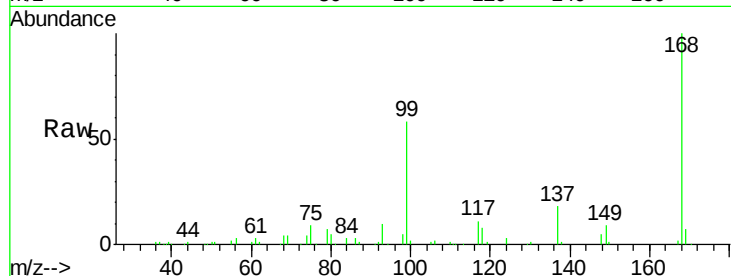




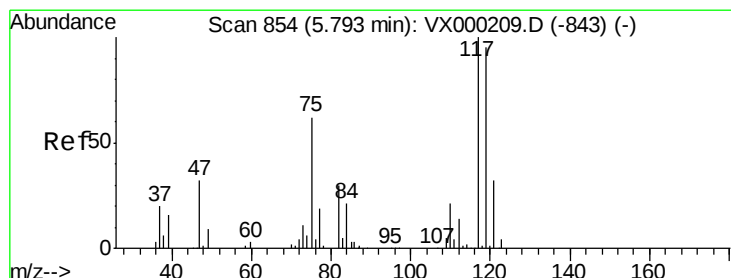
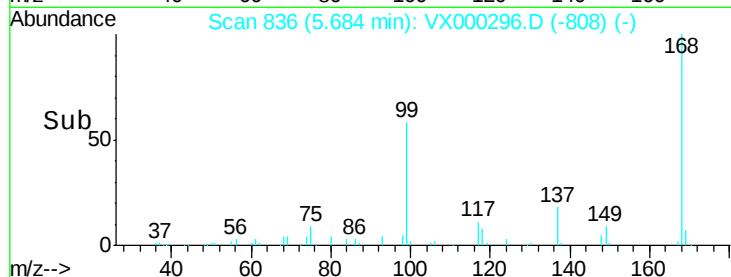
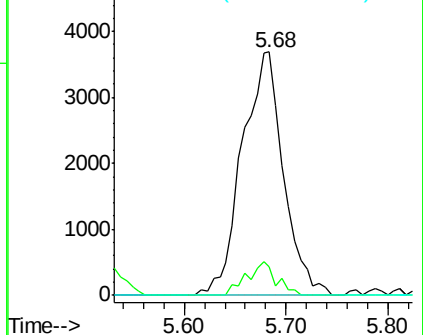
#36
 1,1-Dichloropropene
 Concen: 5.39 ug/l
 RT: 5.68 min Scan# 836
 Delta R.T. -0.13 min
 Lab File: VX000296.D
 Acq: 13 Mar 2018 13:19

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-180306

Tot Ion	Ratio	Lower	Upper
75	100		
110	9.8	17.8	53.5#
77	0.0	24.9	37.3#

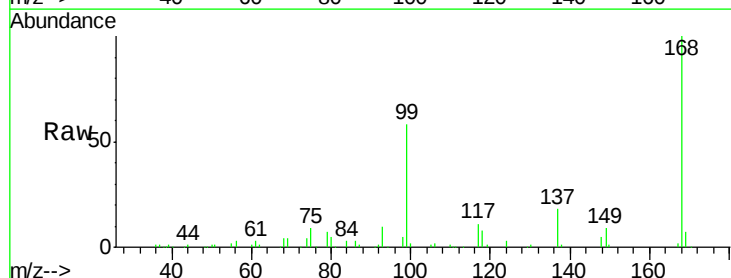


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

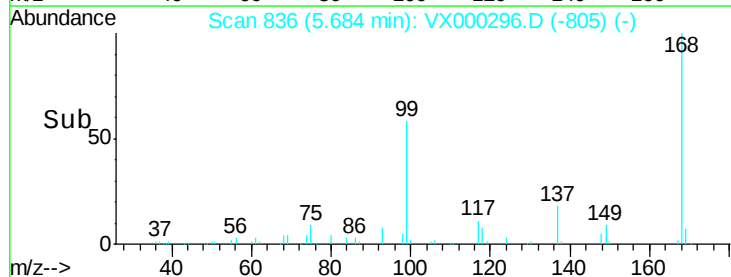
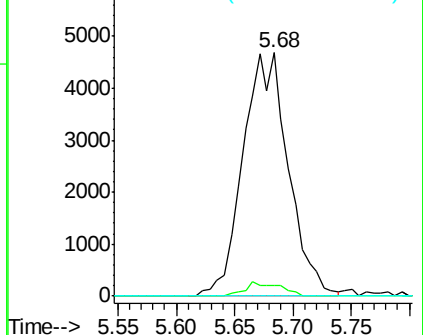


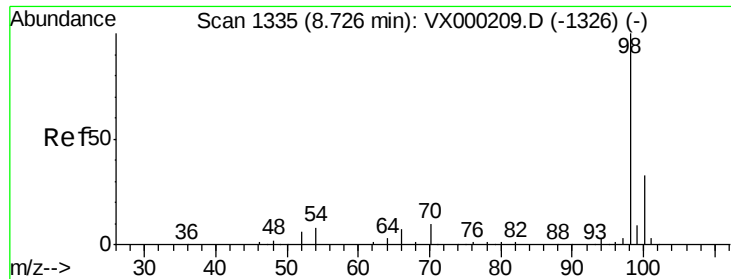
#38
 Carbon Tetrachloride
 Concen: 6.49 ug/l
 RT: 5.68 min Scan# 836
 Delta R.T. -0.11 min
 Lab File: VX000296.D
 Acq: 13 Mar 2018 13:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.5	75.9	113.9#
121	0.0	25.8	38.6#



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

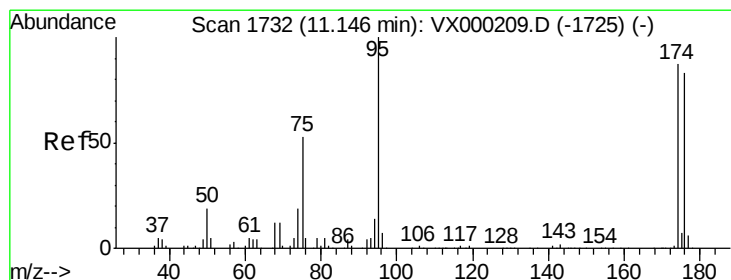
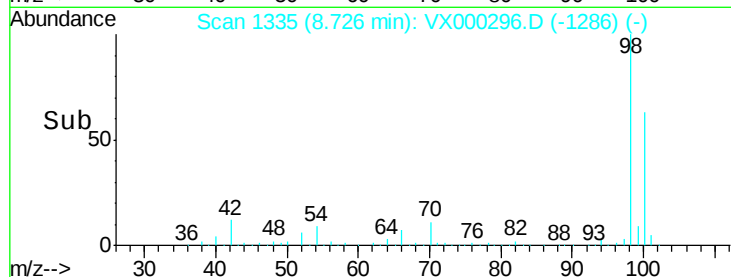
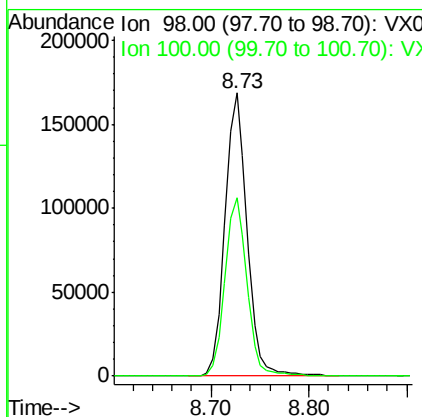
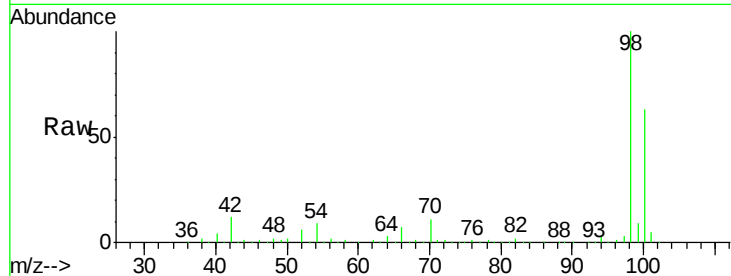




#50
Toluene-d8
Concen: 46.94 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000296.D
Acq: 13 Mar 2018 13:19

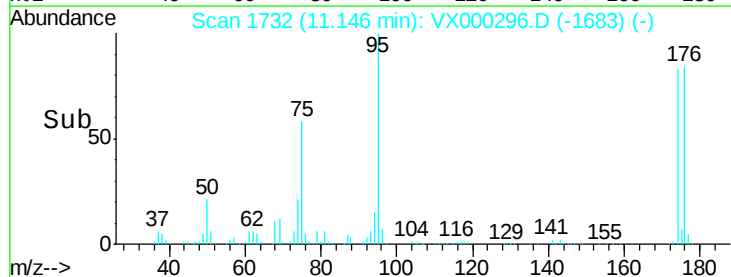
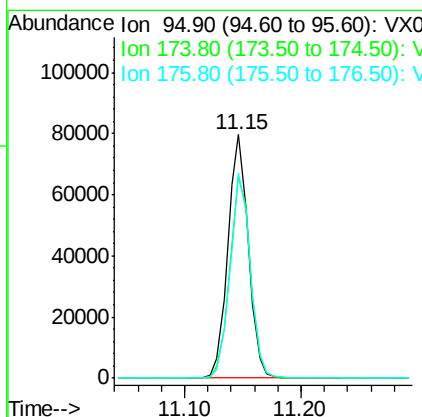
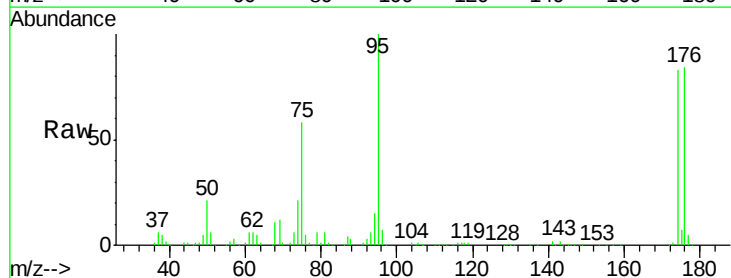
Instrument :
MSVOA_X
ClientSampleId :
TB-01-180306

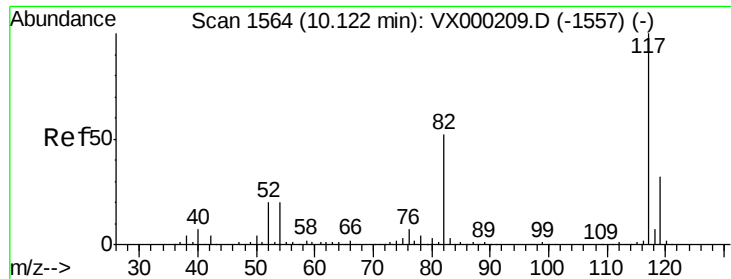
Tot Ion: 98 Resp: 264568
Ion Ratio Lower Upper
98 100
100 63.2 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 43.97 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000296.D
Acq: 13 Mar 2018 13:19

Tgt Ion: 95 Resp: 96728
Ion Ratio Lower Upper
95 100
174 84.8 0.0 175.6
176 83.5 0.0 171.0

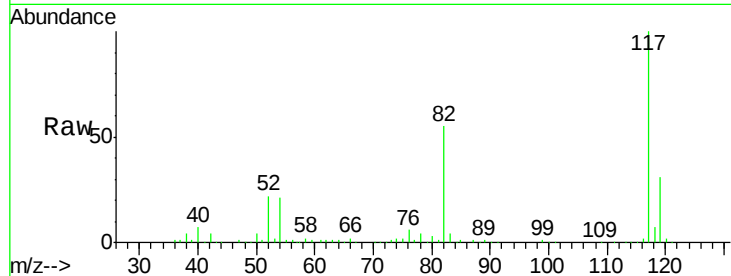




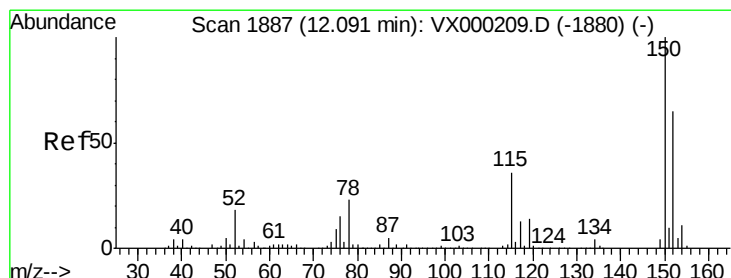
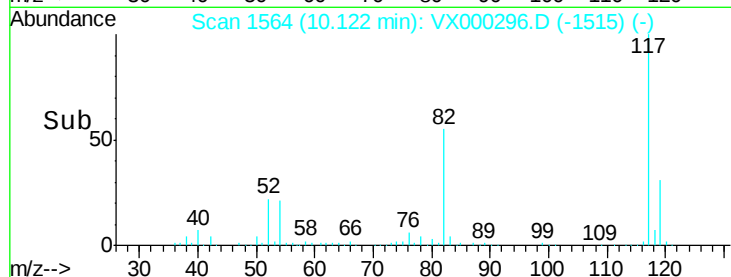
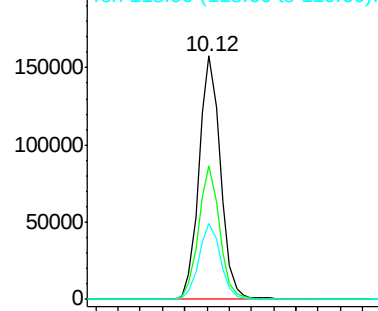
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000296.D
Acq: 13 Mar 2018 13:19

Instrument :
MSVOA_X
ClientSampled :
TB-01-180306

Tot Ion:117 Resp: 210888
Ion Ratio Lower Upper
117 100
82 55.1 42.0 63.0
119 31.0 25.3 37.9

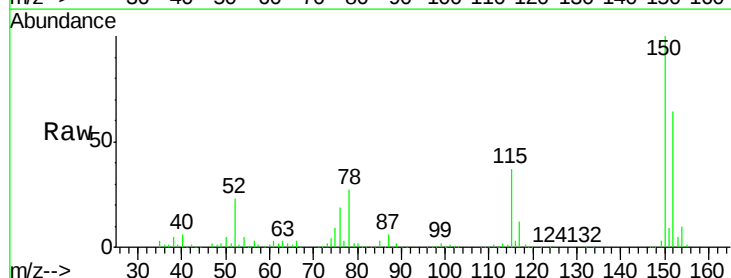


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX
Ion 118.90 (118.60 to 119.60): V

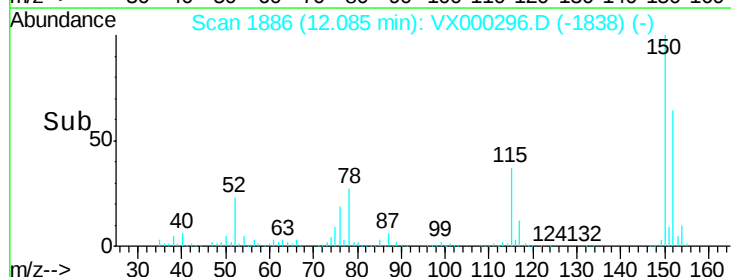
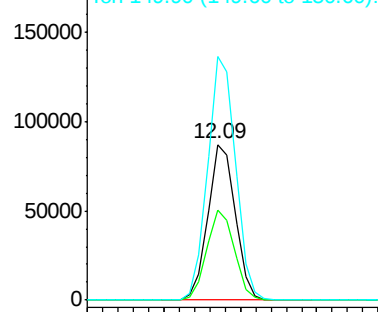


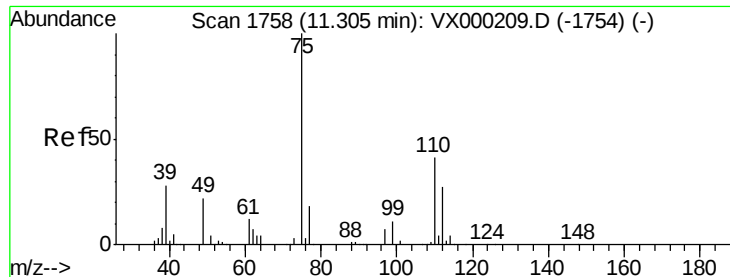
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.01 min
Lab File: VX000296.D
Acq: 13 Mar 2018 13:19

Tgt Ion:152 Resp: 108631
Ion Ratio Lower Upper
152 100
115 57.8 39.8 119.3
150 158.1 0.0 345.0



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

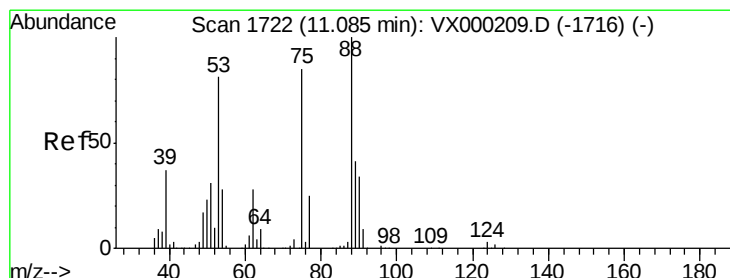
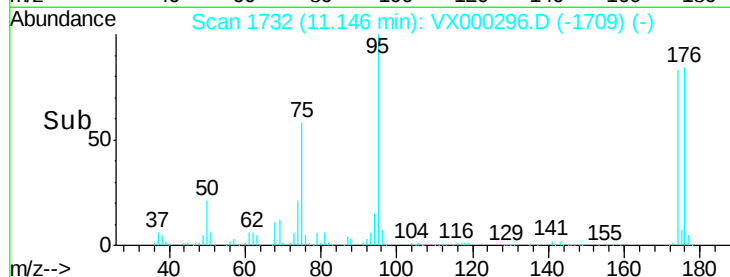
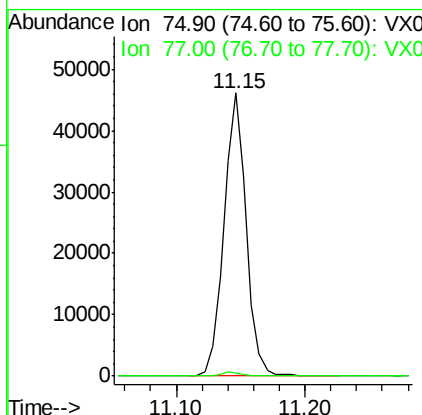
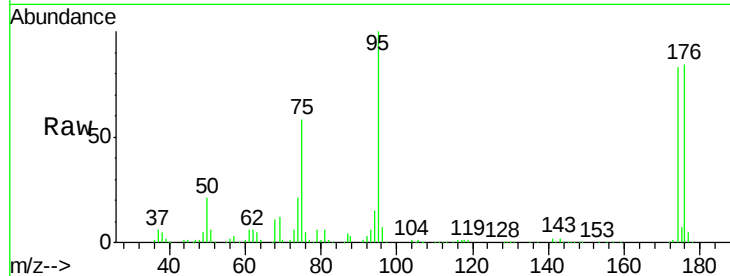




#76
 1,2,3-Trichloropropane
 Concen: 25.58 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. -0.16 min
 Lab File: VX000296.D
 Acq: 13 Mar 2018 13:19

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-180306

Tot Ion: 75 Resp: 55701
 Ion Ratio Lower Upper
 75 100
 77 1.2 22.3 66.8#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.33 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. 0.06 min
 Lab File: VX000296.D
 Acq: 13 Mar 2018 13:19

Tgt Ion: 75 Resp: 55701
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.6 118.0#
 89 0.0 38.8 58.2#

