

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031318\
 Data File : VX000306.D
 Acq On : 13 Mar 2018 17:54
 Operator : JC/MD
 Sample : J1898-04 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-10-COMP

Quant Time: Mar 14 00:58:57 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	115235	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	195870	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	186018	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	98275	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	81278	50.88	ug/l	0.00
Spiked Amount			Recovery	=	101.76%	
35) Dibromofluoromethane	5.52	113	59301	48.20	ug/l	0.00
Spiked Amount			Recovery	=	96.40%	
50) Toluene-d8	8.73	98	231387	45.41	ug/l	0.00
Spiked Amount			Recovery	=	90.82%	
62) 4-Bromofluorobenzene	11.15	95	83754	42.11	ug/l	0.00
Spiked Amount			Recovery	=	84.22%	

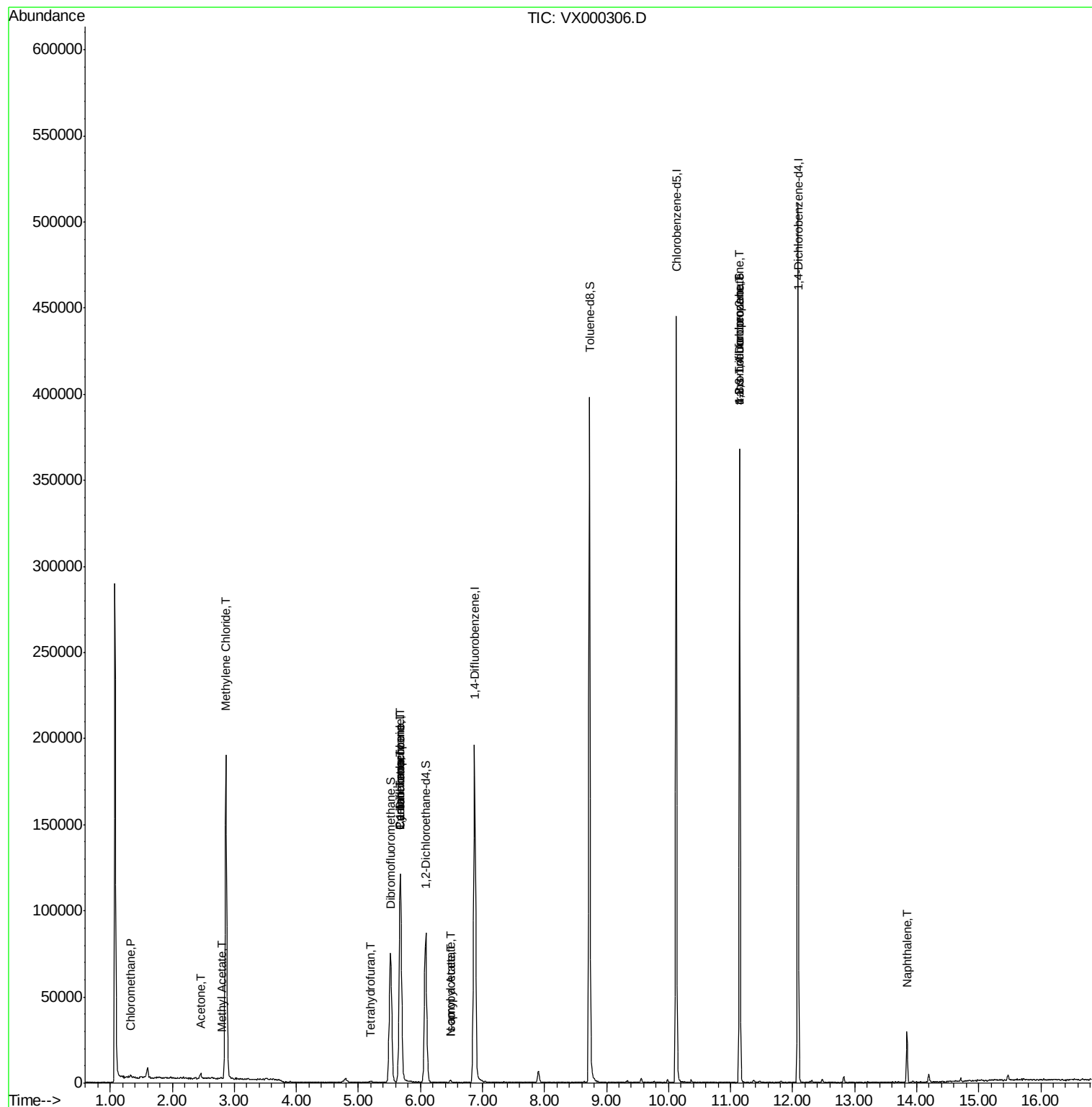
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	311	0.25	ug/l	# 69
5) Bromomethane	1.65	94	210	Below	Cal	89
16) Acetone	2.46	43	3467	3.02	ug/l	94
18) Methyl Acetate	2.79	43	643	0.26	ug/l	# 76
20) Methylene Chloride	2.87	84	85934	62.81	ug/l	94
29) Tetrahydrofuran	5.20	42	442	0.50	ug/l	# 63
31) Cyclohexane	5.67	56	2951	1.69	ug/l	# 41
36) 1,1-Dichloropropene	5.68	75	9302	5.34	ug/l	# 51
38) Carbon Tetrachloride	5.67	117	11287	6.40	ug/l	# 18
43) Isopropyl Acetate	6.49	43	1497	0.41	ug/l	# 78
74) N-amyl acetate	6.49	43	1497	0.48	ug/l	# 80
76) 1,2,3-Trichloropropane	11.15	75	48416	24.58	ug/l	# 33
81) trans-1,4-Dichloro-2-buten	11.15	75	48416	75.26	ug/l	# 10
95) Naphthalene	13.84	128	16288	2.14	ug/l	98

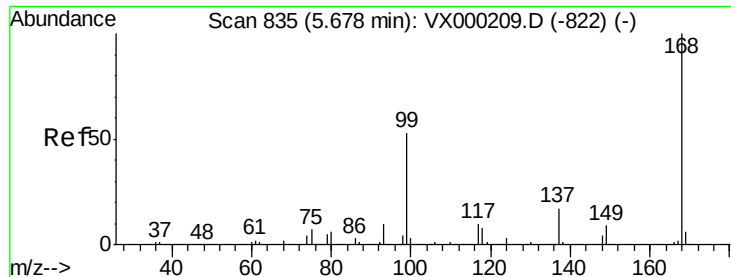
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.00 min

Lab File: VX000306.D

Acq: 13 Mar 2018 17:54

Instrument :

MSVOA_X

ClientSampleId :

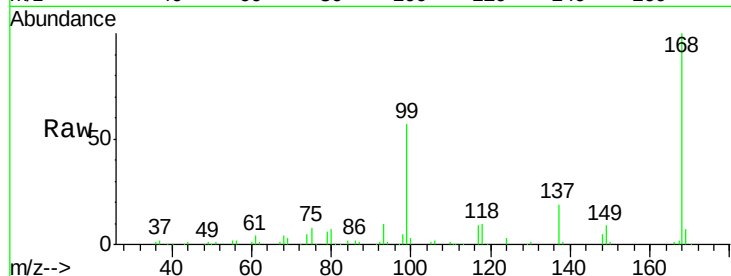
TP-10-COMP

Tot Ion:168 Resp: 115235

Ion Ratio Lower Upper

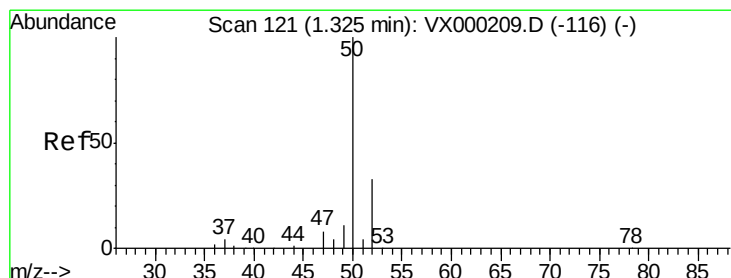
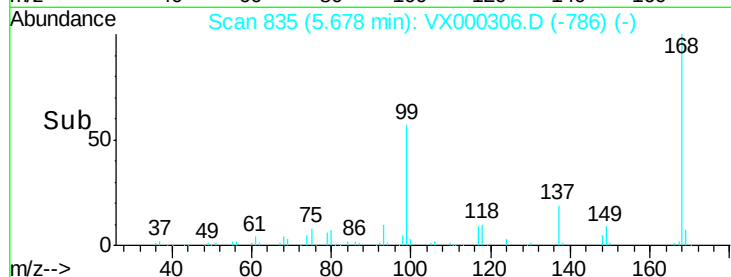
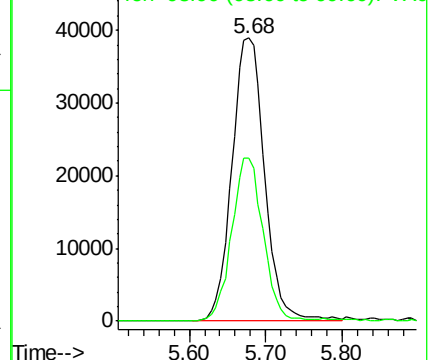
168 100

99 57.4 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.25 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000306.D

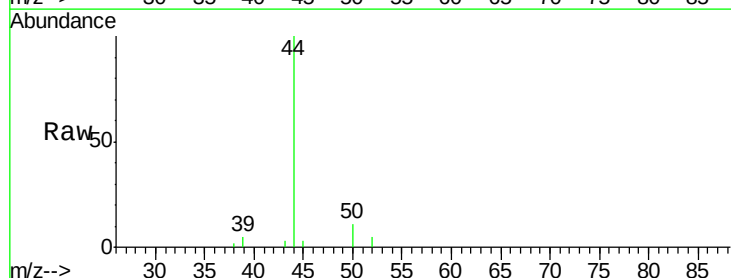
Acq: 13 Mar 2018 17:54

Tgt Ion: 50 Resp: 311

Ion Ratio Lower Upper

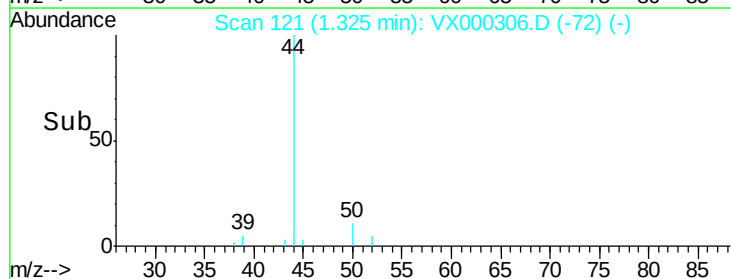
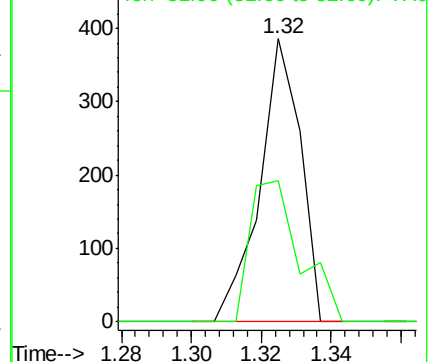
50 100

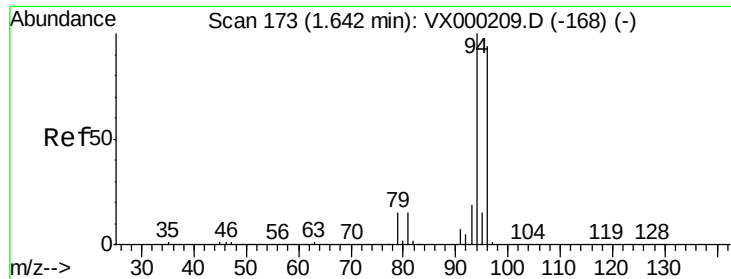
52 50.0 26.2 39.2#



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# 175

Delta R.T. 0.01 min

Lab File: VX000306.D

Acq: 13 Mar 2018 17:54

Instrument :

MSVOA_X

ClientSampled :

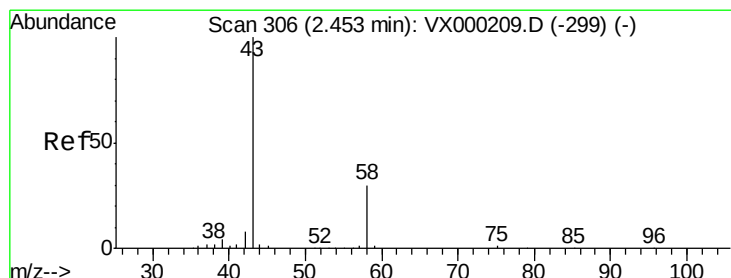
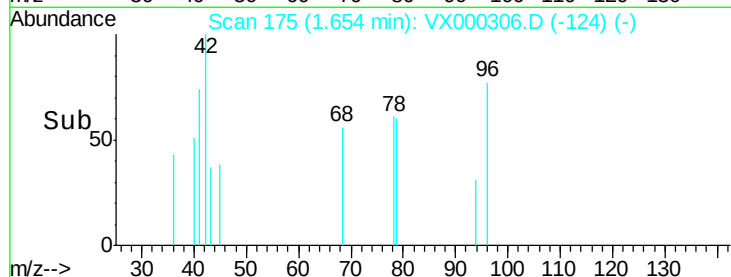
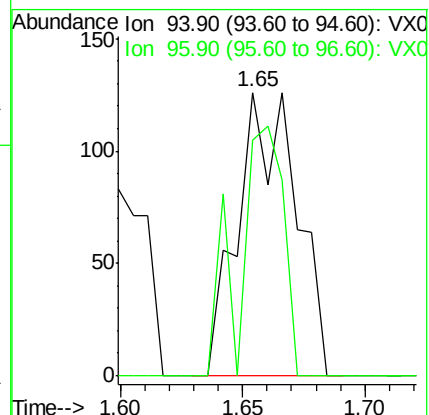
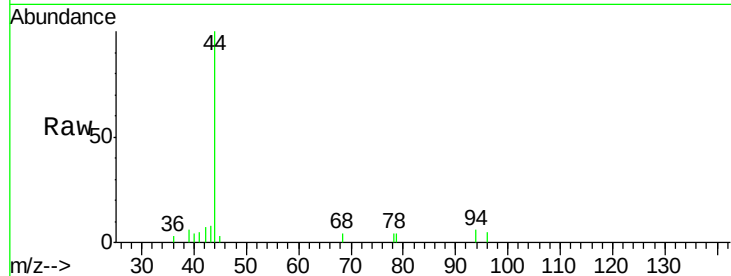
TP-10-COMP

Tot Ion: 94 Resp: 210

Ion Ratio Lower Upper

94 100

96 83.3 75.3 112.9



#16

Acetone

Concen: 3.02 ug/l

RT: 2.46 min Scan# 307

Delta R.T. 0.01 min

Lab File: VX000306.D

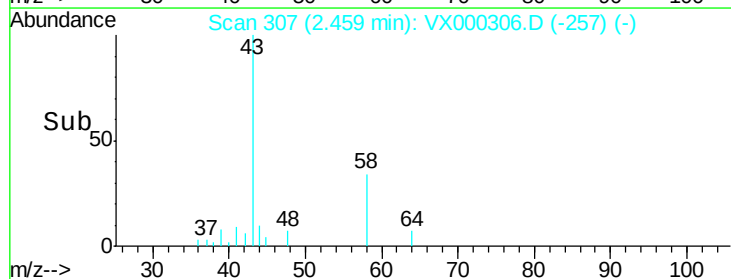
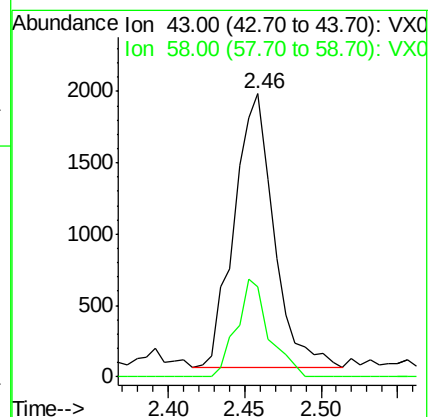
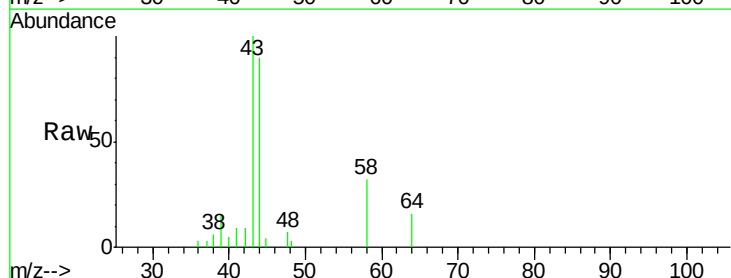
Acq: 13 Mar 2018 17:54

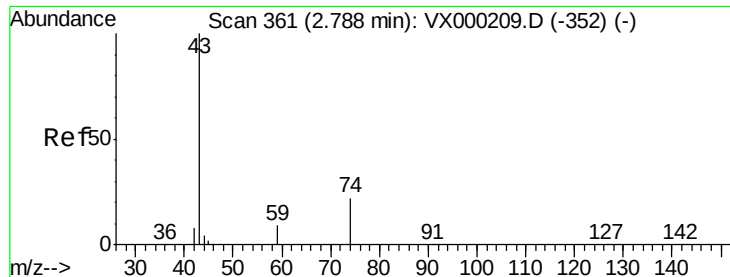
Tgt Ion: 43 Resp: 3467

Ion Ratio Lower Upper

43 100

58 32.9 23.8 35.6





#18

Methyl Acetate

Concen: 0.26 ug/l

RT: 2.79 min Scan# 361

Delta R.T. 0.00 min

Lab File: VX000306.D

Acq: 13 Mar 2018 17:54

Instrument :

MSVOA_X

ClientSampled :

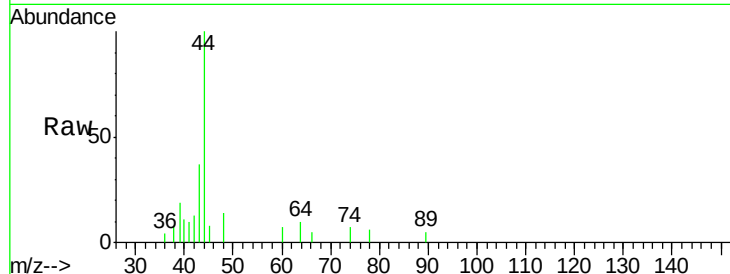
TP-10-COMP

Tot Ion: 43 Resp: 643

Ion Ratio Lower Upper

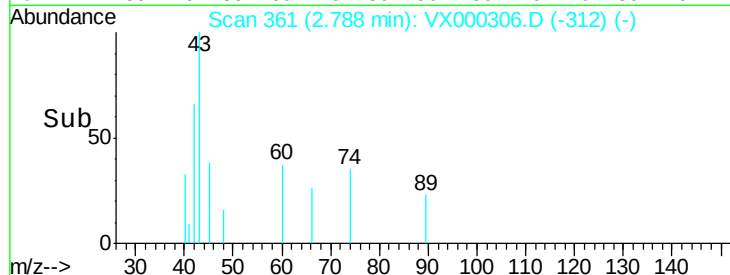
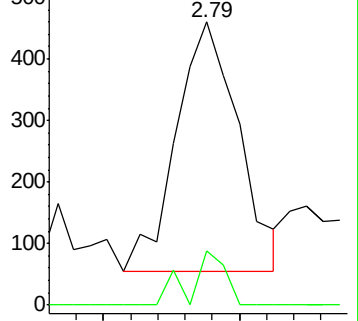
43 100

74 12.0 18.9 28.3#

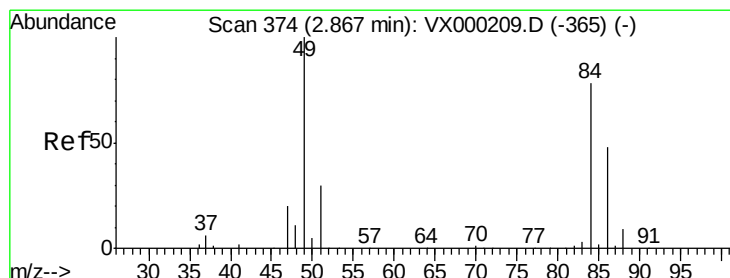


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



Time-->



#20

Methylene Chloride

Concen: 62.81 ug/l

RT: 2.87 min Scan# 374

Delta R.T. 0.00 min

Lab File: VX000306.D

Acq: 13 Mar 2018 17:54

Tgt Ion: 84 Resp: 85934

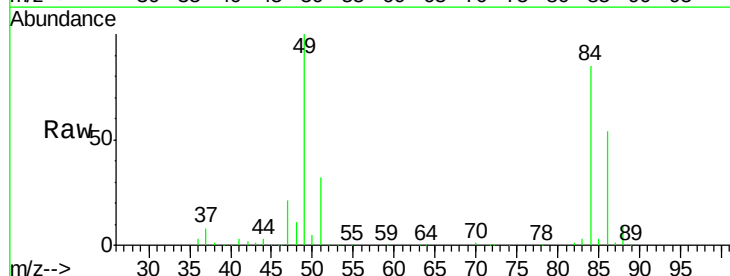
Ion Ratio Lower Upper

84 100

49 117.5 102.1 153.1

51 37.4 30.6 45.8

86 64.0 49.0 73.6

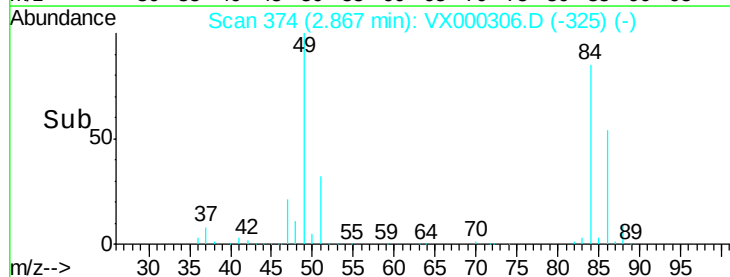
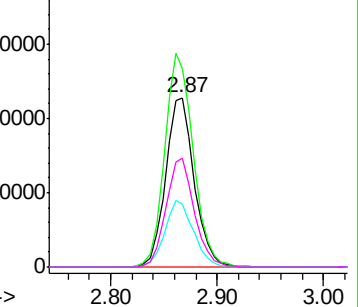


Abundance Ion 83.90 (83.60 to 84.60): VX0

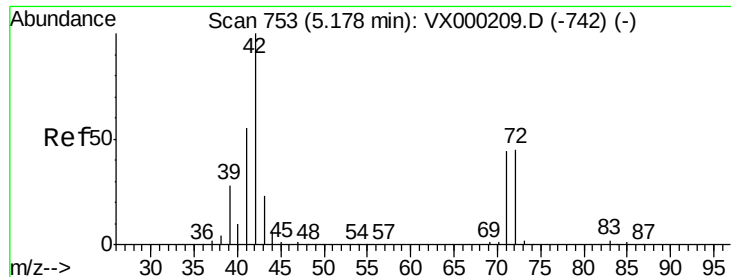
Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



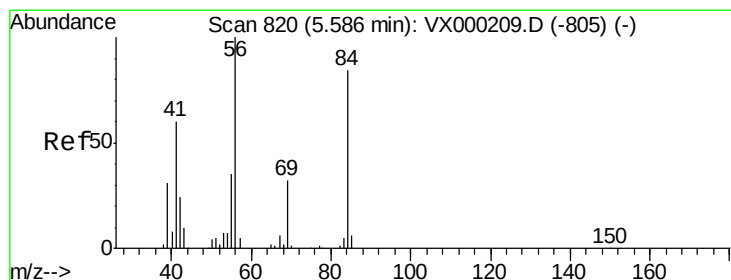
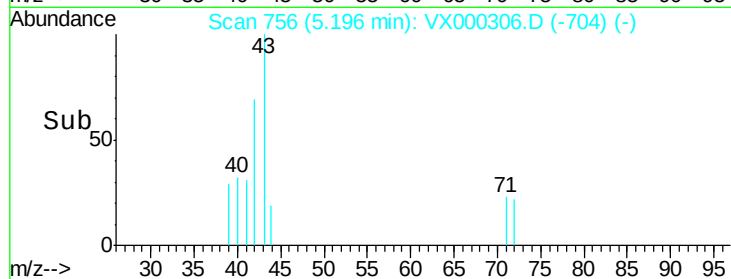
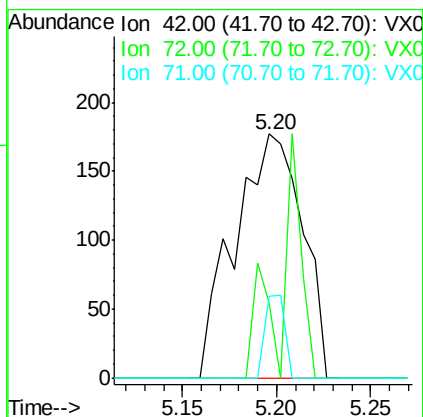
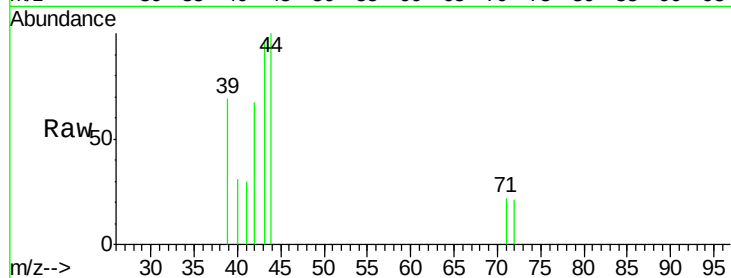
Time-->



#29
Tetrahydrofuran
Concen: 0.50 ug/l
RT: 5.20 min Scan# 756
Delta R.T. 0.02 min
Lab File: VX000306.D
Acq: 13 Mar 2018 17:54

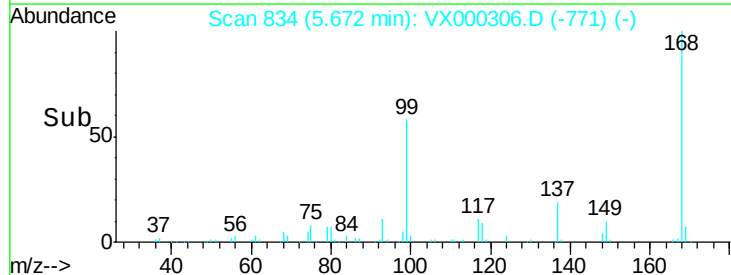
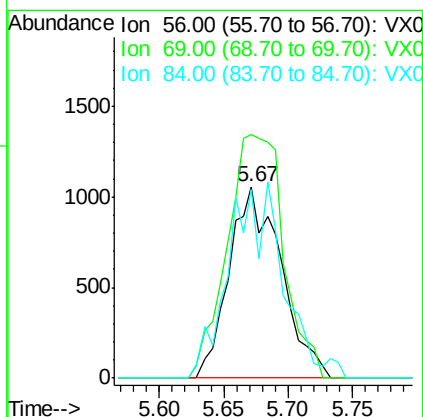
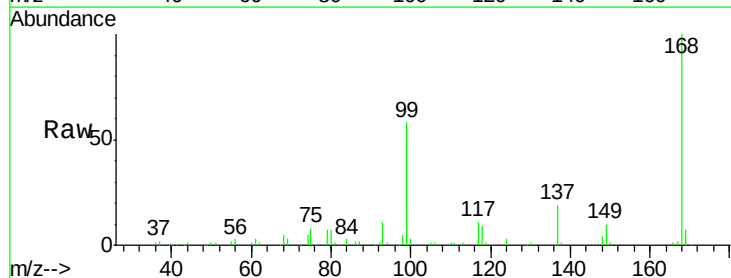
Instrument :
MSVOA_X
ClientSampleId :
TP-10-COMP

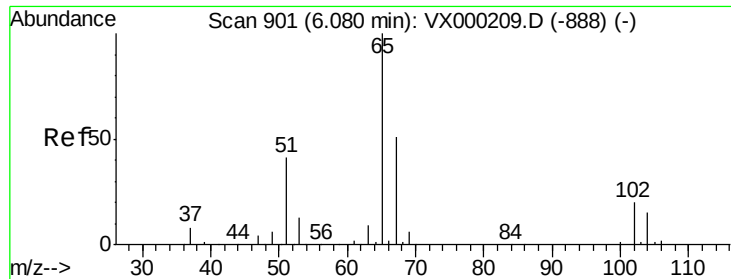
Tot Ion: 42 Resp: 442
Ion Ratio Lower Upper
42 100
72 31.9 37.3 55.9#
71 10.0 35.0 52.4#



#31
Cyclohexane
Concen: 1.69 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.09 min
Lab File: VX000306.D
Acq: 13 Mar 2018 17:54

Tgt Ion: 56 Resp: 2951
Ion Ratio Lower Upper
56 100
69 127.3 25.3 37.9#
84 98.6 67.2 100.8

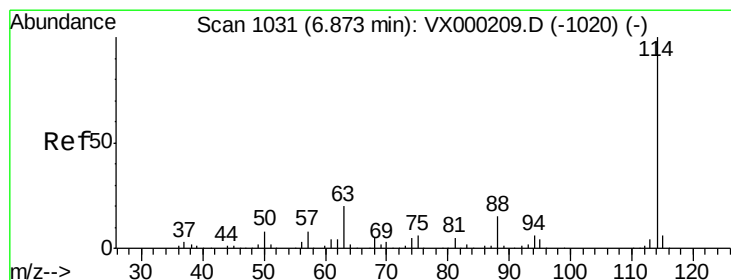
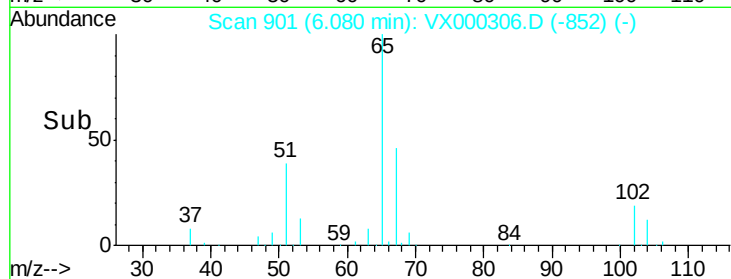
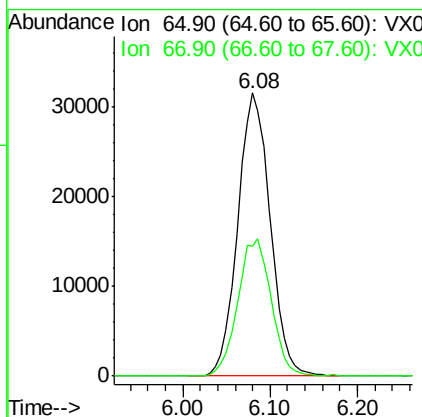
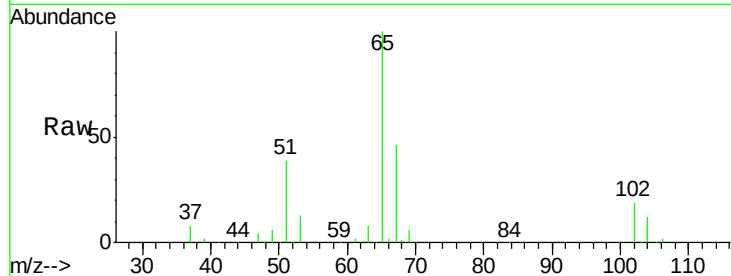




#33
 1,2-Dichloroethane-d4
 Concen: 50.88 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: VX000306.D
 Acq: 13 Mar 2018 17:54

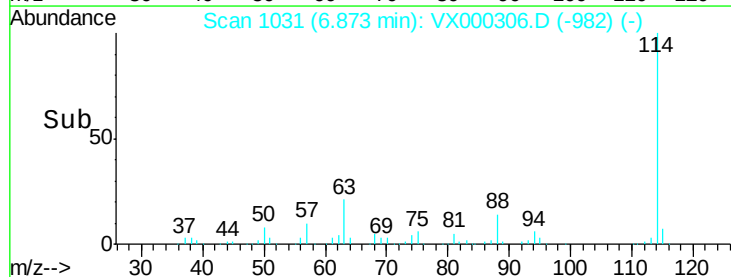
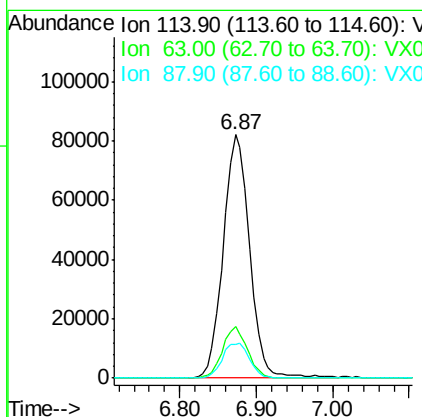
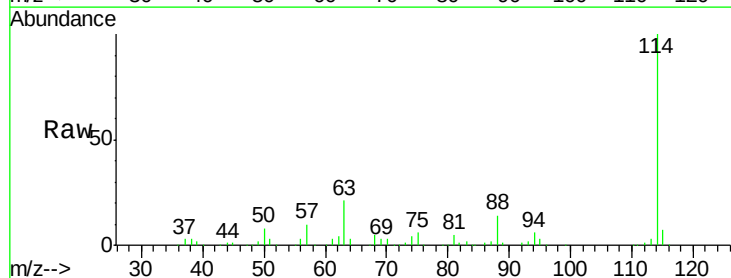
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-10-COMP

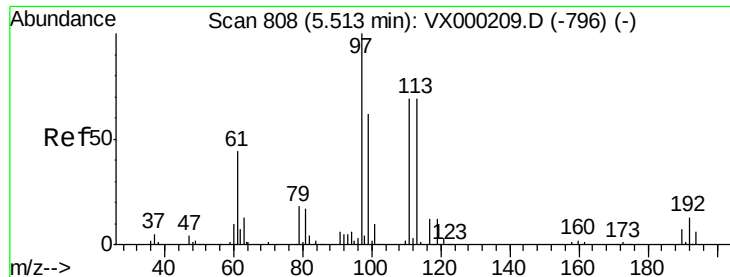
Tot Ion: 65 Resp: 81278
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000306.D
 Acq: 13 Mar 2018 17:54

Tgt Ion: 114 Resp: 195870
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 39.2
 88 13.9 0.0 29.8





#35

Dibromofluoromethane

Concen: 48.20 ug/l

RT: 5.52 min Scan# 809

Delta R.T. 0.01 min

Lab File: VX000306.D

Acq: 13 Mar 2018 17:54

Instrument :

MSVOA_X

ClientSampleId :

TP-10-COMP

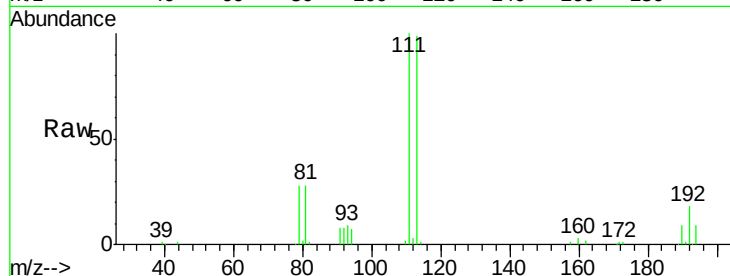
Tot Ion:113 Resp: 59301

Ion Ratio Lower Upper

113 100

111 102.8 83.0 124.6

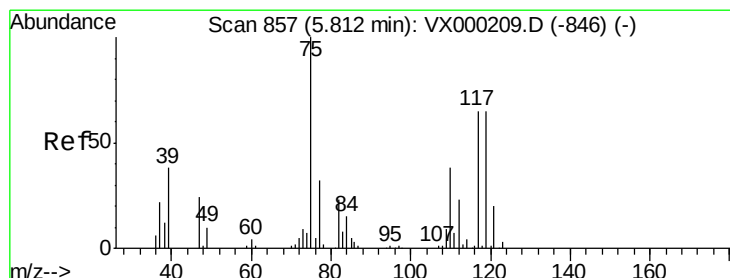
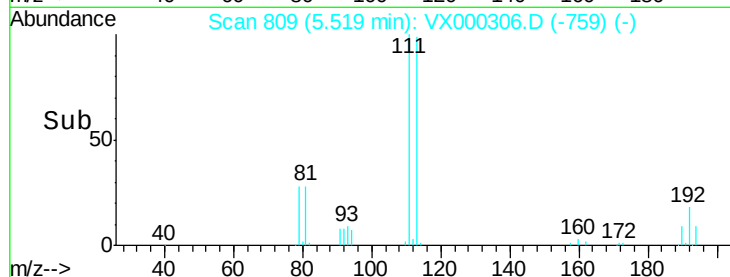
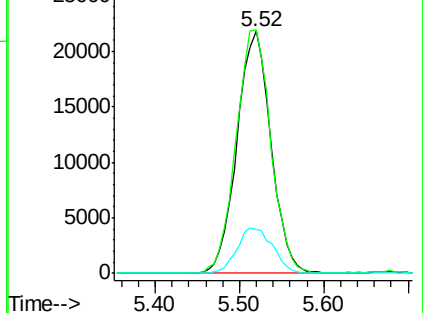
192 19.6 15.5 23.3



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: 5.34 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.13 min

Lab File: VX000306.D

Acq: 13 Mar 2018 17:54

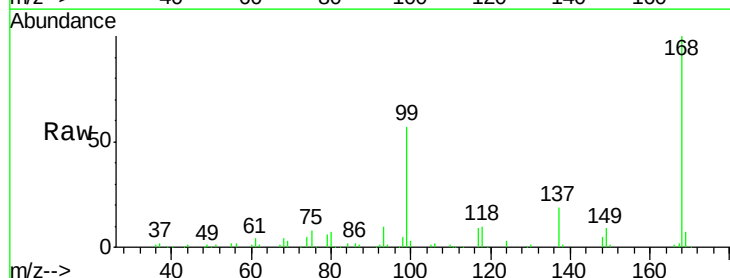
Tgt Ion: 75 Resp: 9302

Ion Ratio Lower Upper

75 100

110 11.4 17.8 53.5#

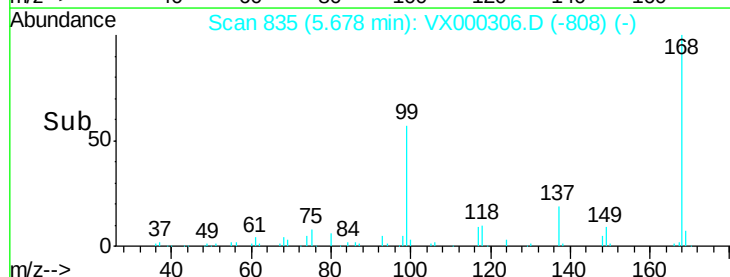
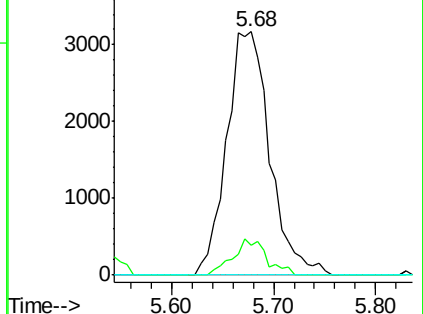
77 0.0 24.9 37.3#

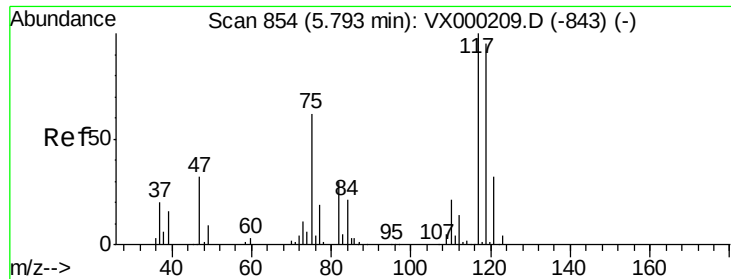


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.40 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX000306.D

Acq: 13 Mar 2018 17:54

Instrument :

MSVOA_X

ClientSampled :

TP-10-COMP

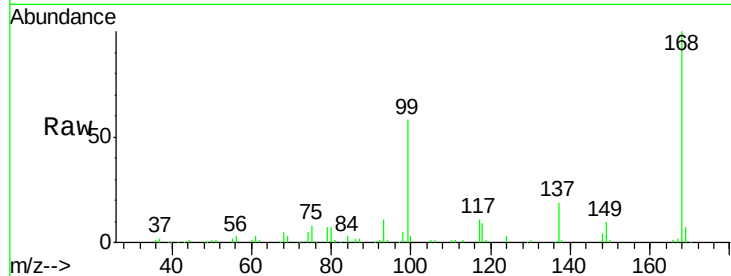
Tot Ion:117 Resp: 11287

Ion Ratio Lower Upper

117 100

119 6.8 75.9 113.9#

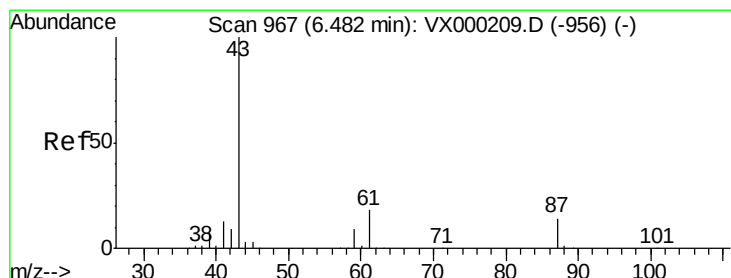
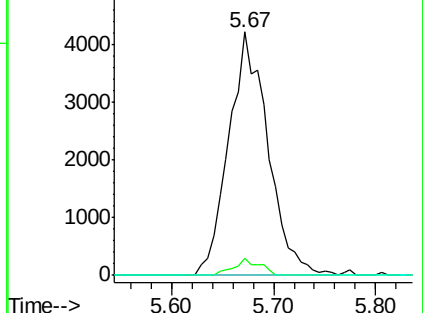
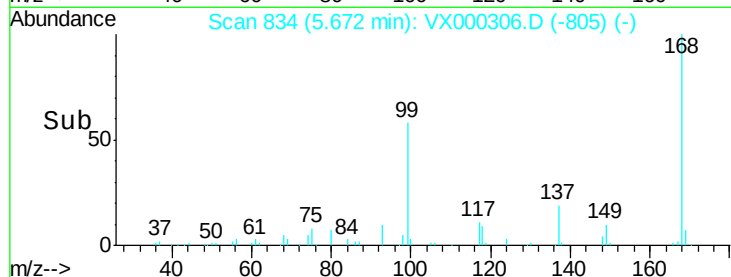
121 0.0 25.8 38.6#



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



#43

Isopropyl Acetate

Concen: 0.41 ug/l

RT: 6.49 min Scan# 968

Delta R.T. 0.01 min

Lab File: VX000306.D

Acq: 13 Mar 2018 17:54

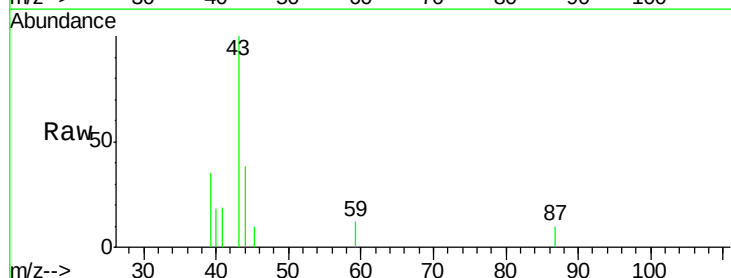
Tgt Ion: 43 Resp: 1497

Ion Ratio Lower Upper

43 100

61 9.8 14.8 22.2#

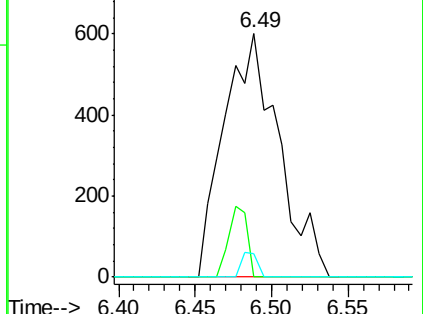
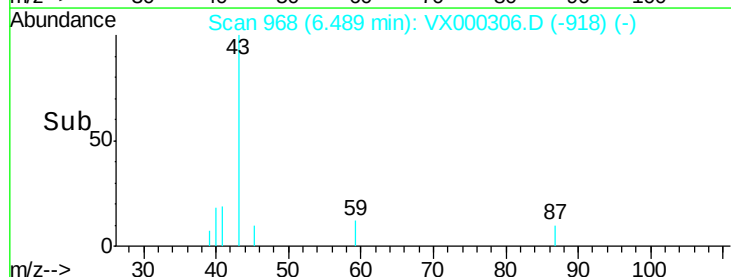
87 2.9 10.6 16.0#

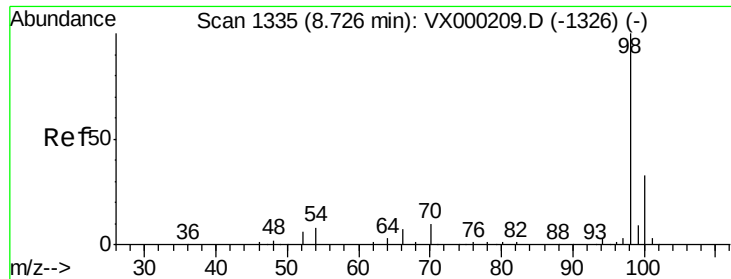


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

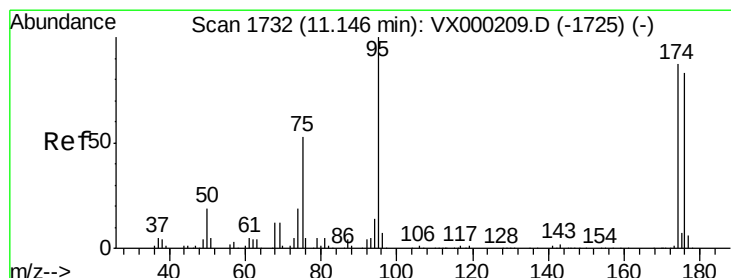
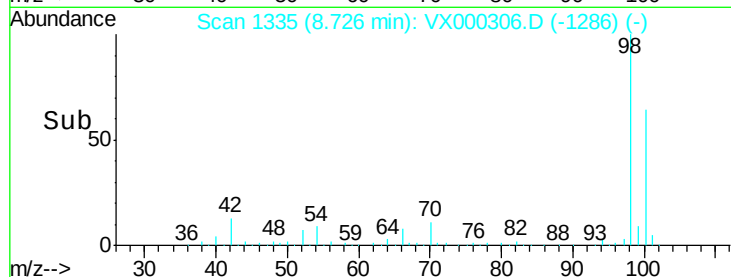
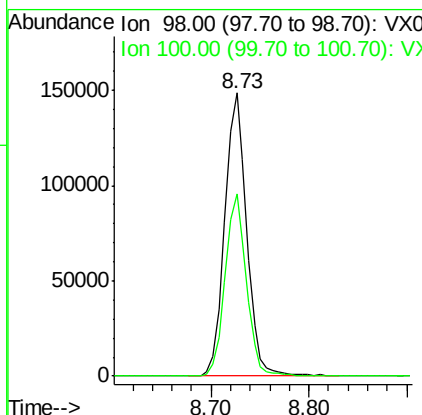
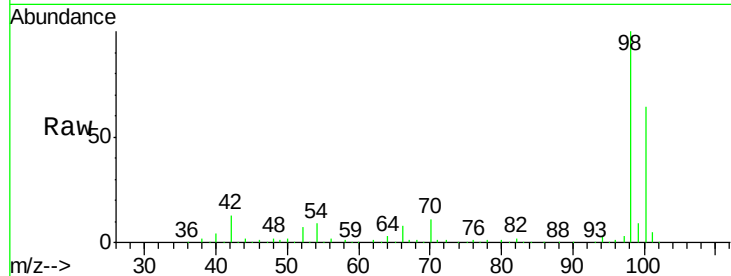




#50
Toluene-d8
Concen: 45.41 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000306.D
Acq: 13 Mar 2018 17:54

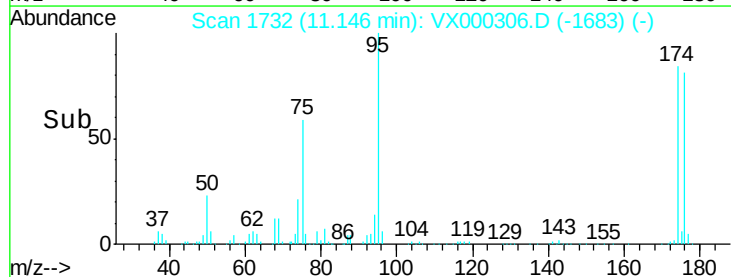
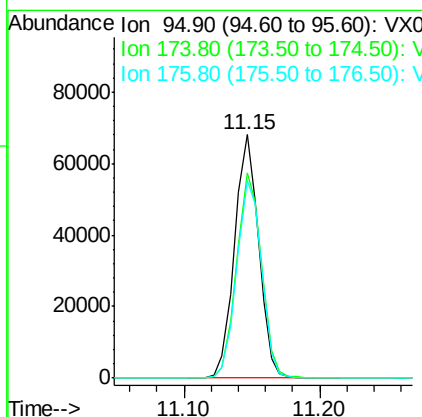
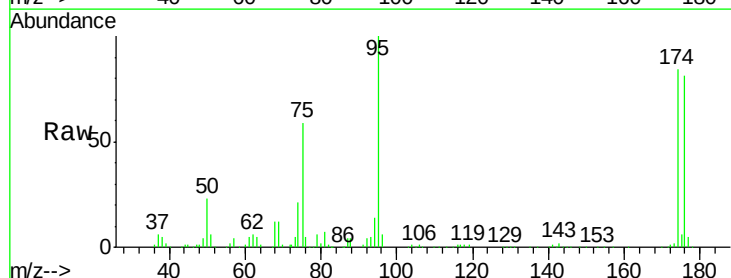
Instrument :
MSVOA_X
ClientSampleId :
TP-10-COMP

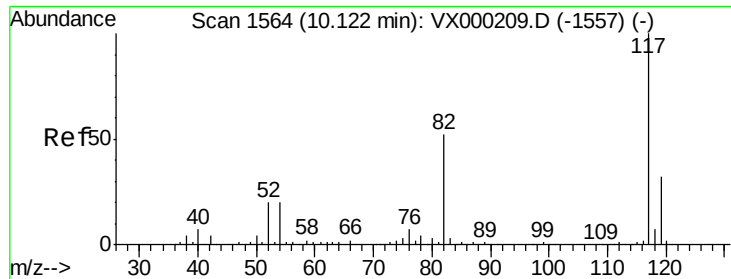
Tot Ion: 98 Resp: 231387
Ion Ratio Lower Upper
98 100
100 62.4 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 42.11 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000306.D
Acq: 13 Mar 2018 17:54

Tgt Ion: 95 Resp: 83754
Ion Ratio Lower Upper
95 100
174 87.3 0.0 175.6
176 83.8 0.0 171.0

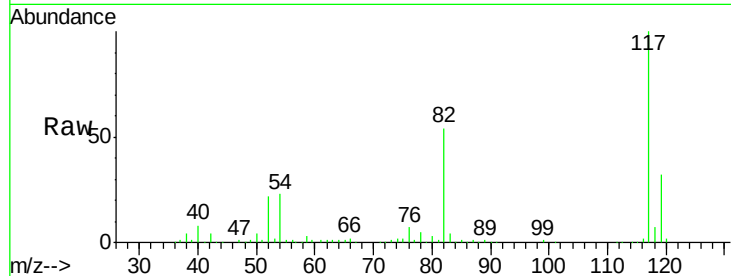




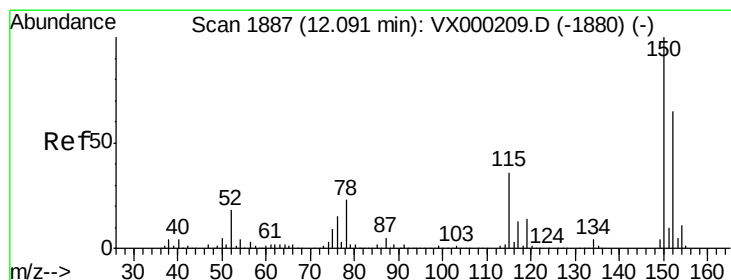
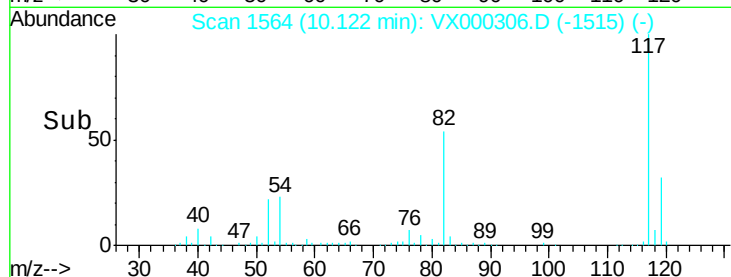
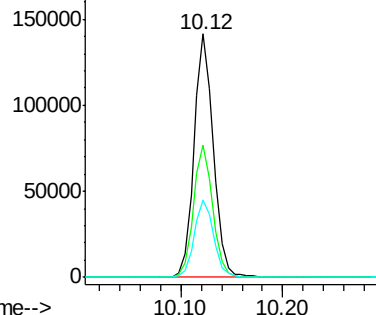
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000306.D
Acq: 13 Mar 2018 17:54

Instrument :
MSVOA_X
ClientSampled :
TP-10-COMP

Tot Ion:117 Resp: 186018
Ion Ratio Lower Upper
117 100
82 54.3 42.0 63.0
119 31.7 25.3 37.9

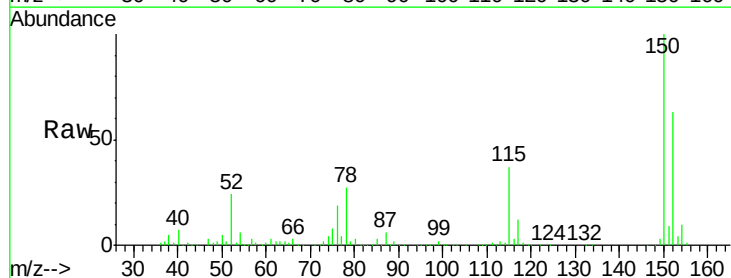


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX
Ion 118.90 (118.60 to 119.60): V

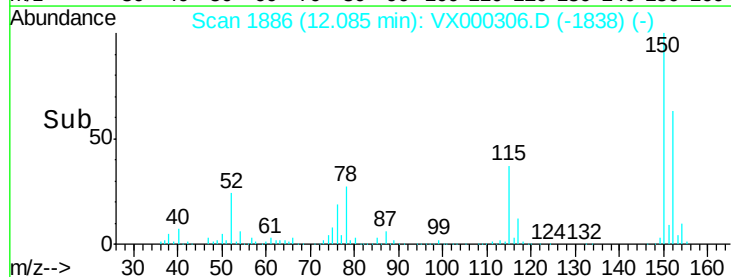
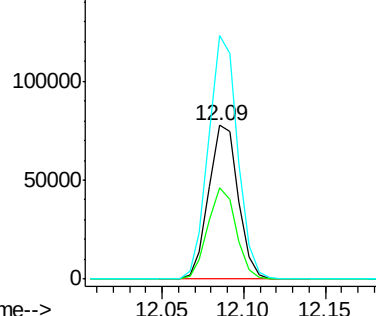


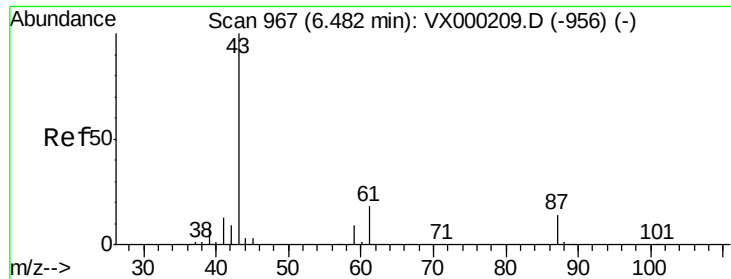
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.01 min
Lab File: VX000306.D
Acq: 13 Mar 2018 17:54

Tgt Ion:152 Resp: 98275
Ion Ratio Lower Upper
152 100
115 57.4 39.8 119.3
150 156.1 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





#74

N-amvl acetate

Concen: 0.48 ug/l

RT: 6.49 min Scan# 968

Delta R.T. 0.01 min

Lab File: VX000306.D

Acq: 13 Mar 2018 17:54

Instrument :

MSVOA_X

ClientSampled :

TP-10-COMP

Tot Ion: 43 Resp: 1497

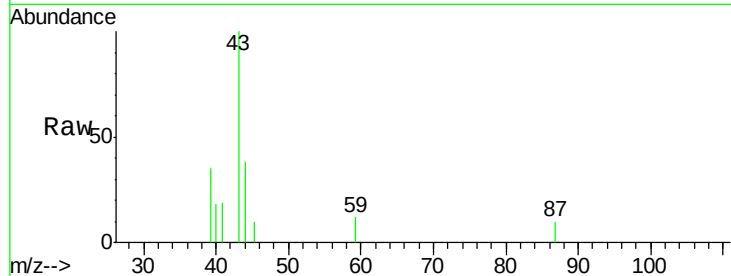
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 9.8 14.8 22.2#

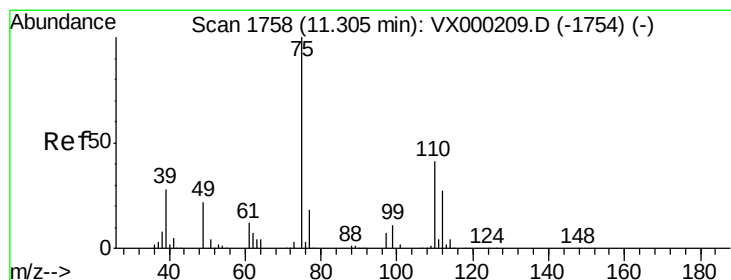
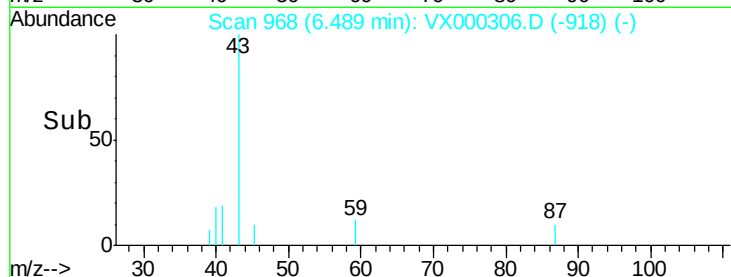
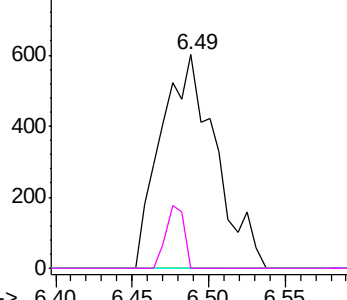


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#76

1,2,3-Trichloropropane

Concen: 24.58 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.16 min

Lab File: VX000306.D

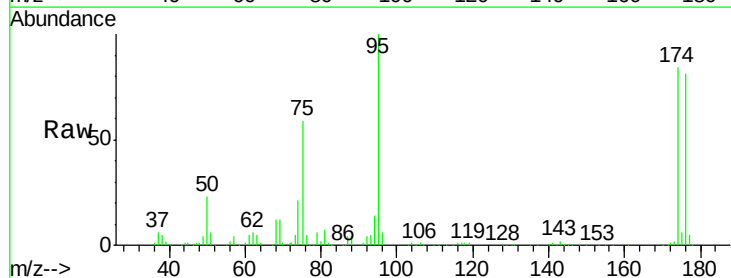
Acq: 13 Mar 2018 17:54

Tgt Ion: 75 Resp: 48416

Ion Ratio Lower Upper

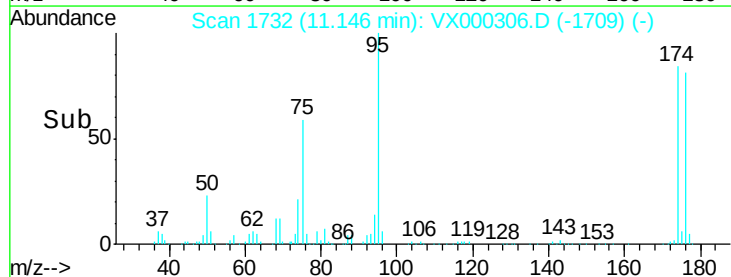
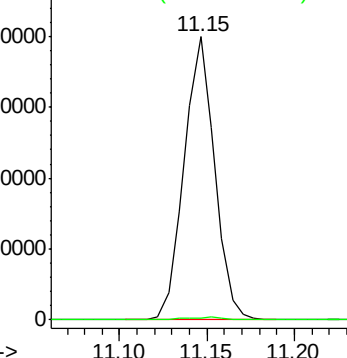
75 100

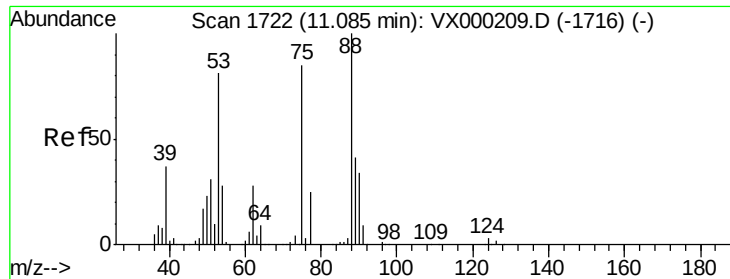
77 1.1 22.3 66.8#



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: 75.26 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.06 min

Lab File: VX000306.D

Acq: 13 Mar 2018 17:54

Instrument :

MSVOA_X

ClientSampled :

TP-10-COMP

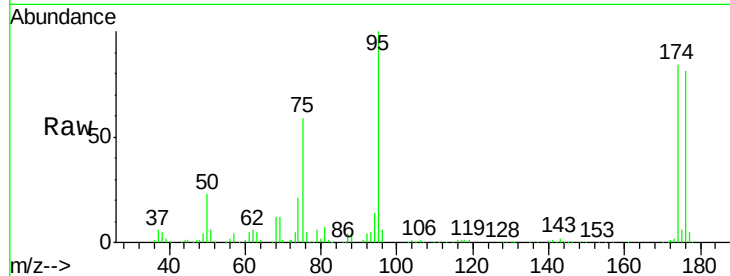
Tot Ion: 75 Resp: 48416

Ion Ratio Lower Upper

75 100

53 0.0 78.6 118.0#

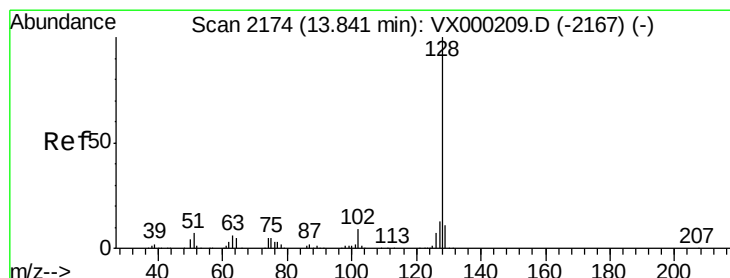
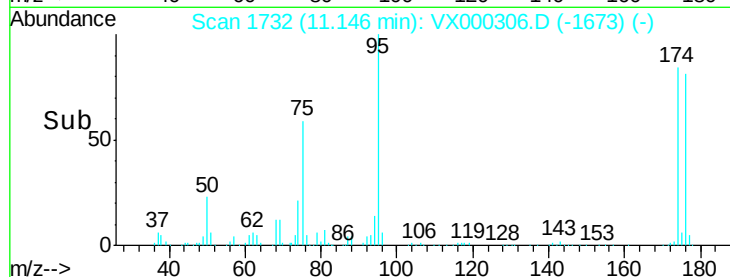
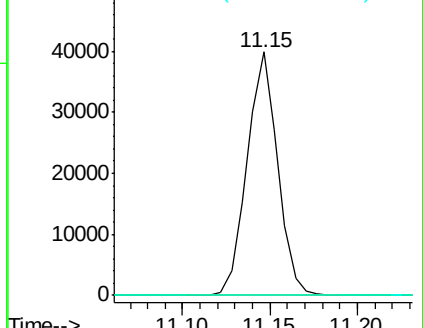
89 0.0 38.8 58.2#



Abundance Ion 74.90 (74.60 to 75.60): VX000306.D (-1673) (-)

Ion 53.00 (52.70 to 53.70): VX000306.D (-1673) (-)

Ion 88.90 (88.60 to 89.60): VX000306.D (-1673) (-)



#95

Naphthalene

Concen: 2.14 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX000306.D

Acq: 13 Mar 2018 17:54

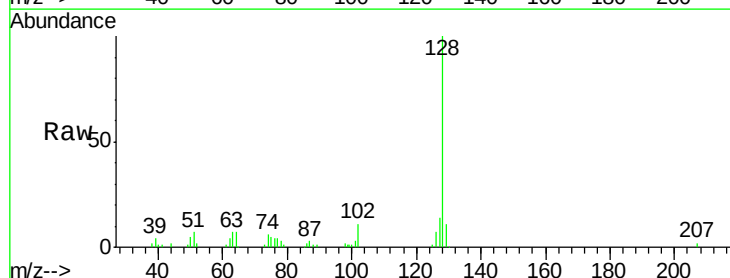
Tgt Ion: 128 Resp: 16288

Ion Ratio Lower Upper

128 100

127 13.8 10.5 15.7

129 11.4 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): VX000306.D (-2125) (-)

Ion 127.00 (126.70 to 127.70): VX000306.D (-2125) (-)

Ion 129.00 (128.70 to 129.70): VX000306.D (-2125) (-)

