

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031318\
 Data File : VX000305.D
 Acq On : 13 Mar 2018 17:29
 Operator : JC/MD
 Sample : J1893-02 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-2

Quant Time: Mar 14 00:58:41 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	5.67	168	89537	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	151917	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	147397	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	74467	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	77116	62.13	ug/l	0.00
Spiked Amount			Recovery	=	124.26%	
35) Dibromofluoromethane	5.52	113	57864	60.64	ug/l	0.00
Spiked Amount			Recovery	=	121.28%	
50) Toluene-d8	8.73	98	223141	56.46	ug/l	0.00
Spiked Amount			Recovery	=	112.92%	
62) 4-Bromofluorobenzene	11.15	95	80259	52.03	ug/l	0.00
Spiked Amount			Recovery	=	104.06%	

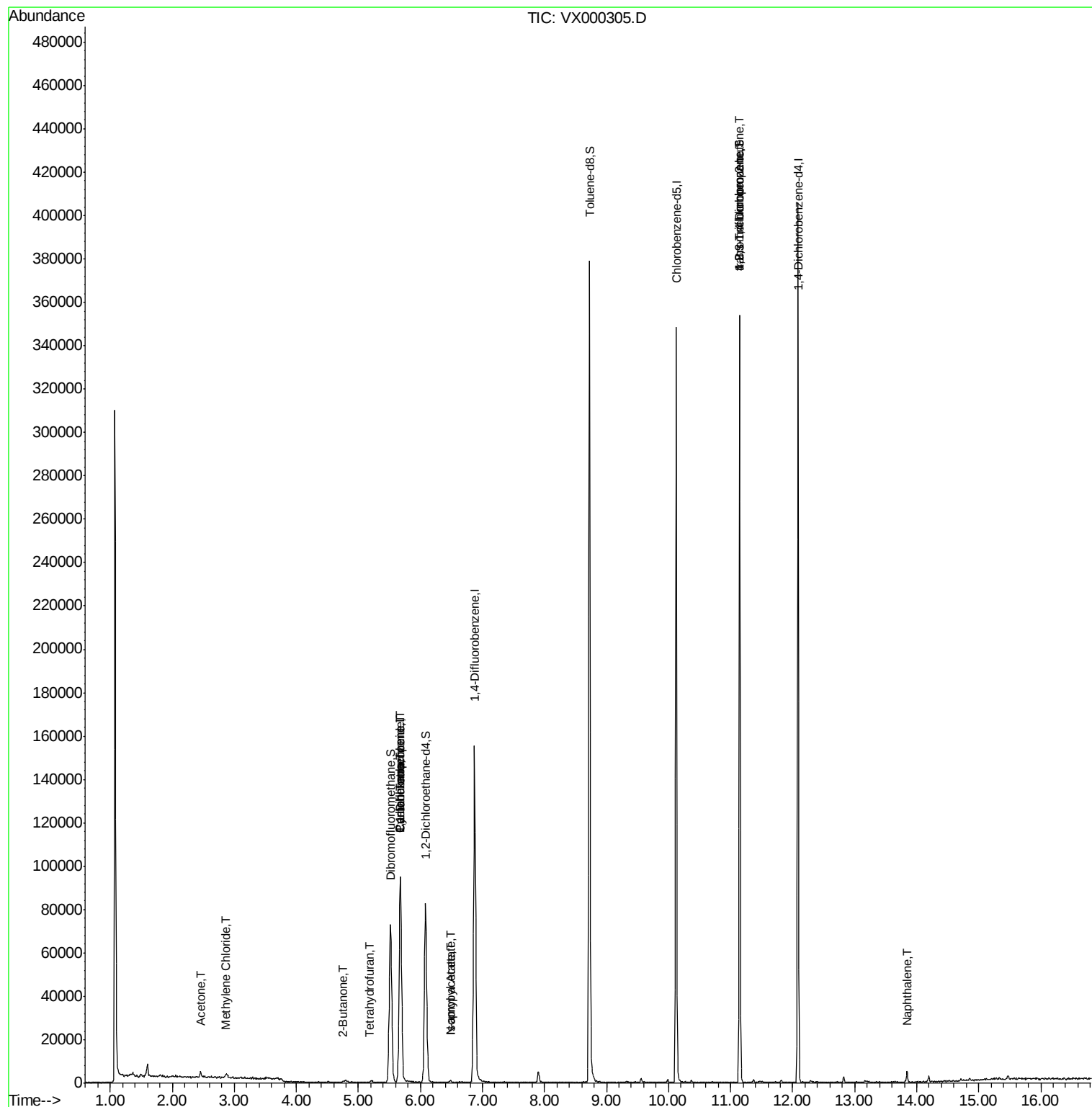
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	103	Below Cal	#	3
6) Chloroethane	1.72	64	308	Below Cal	#	42
16) Acetone	2.45	43	2998	3.36	ug/l	91
20) Methylene Chloride	2.87	84	822	0.77	ug/l #	71
25) 2-Butanone	4.74	43	483	0.44	ug/l #	50
29) Tetrahydrofuran	5.17	42	198	0.29	ug/l #	31
31) Cyclohexane	5.67	56	2352	1.73	ug/l #	36
36) 1,1-Dichloropropene	5.67	75	7214	5.34	ug/l #	52
38) Carbon Tetrachloride	5.68	117	8959	6.55	ug/l #	15
43) Isopropyl Acetate	6.49	43	1200	0.42	ug/l #	76
74) N-amyl acetate	6.49	43	1200	0.50	ug/l #	68
76) 1,2,3-Trichloropropane	11.15	75	44938	30.10	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.15	75	44938	92.19	ug/l #	10
95) Naphthalene	13.84	128	3121	0.54	ug/l	96

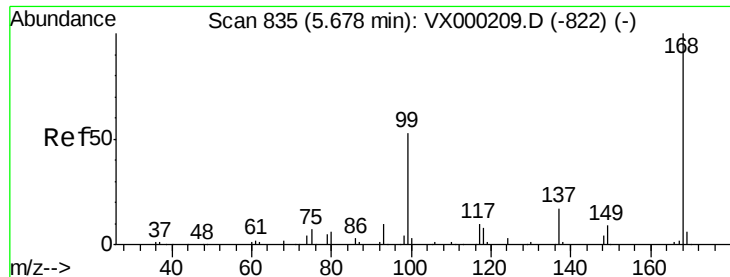
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031318\
Data File : VX000305.D
Acq On : 13 Mar 2018 17:29
Operator : JC/MD
Sample : J1893-02 5X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TP-2

Quant Time: Mar 14 00:58:41 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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000305.D

Acq: 13 Mar 2018 17:29

Instrument :

MSVOA_X

ClientSampleId :

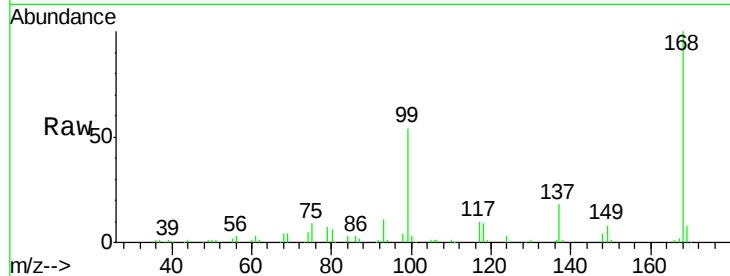
TP-2

Tot Ion:168 Resp: 89537

Ion Ratio Lower Upper

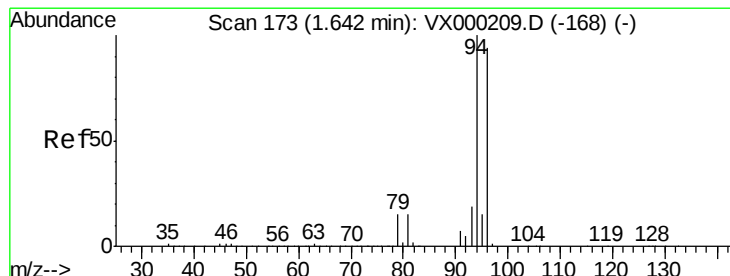
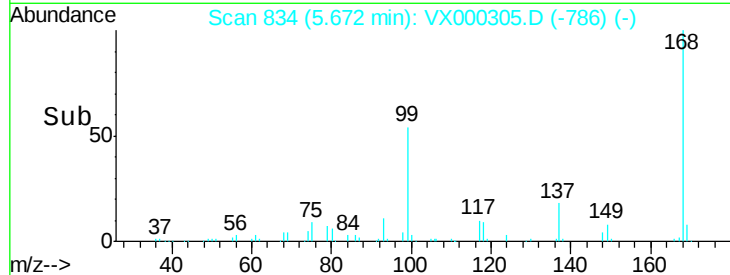
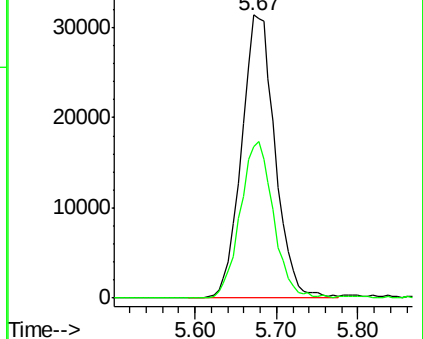
168 100

99 53.5 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX000305.D

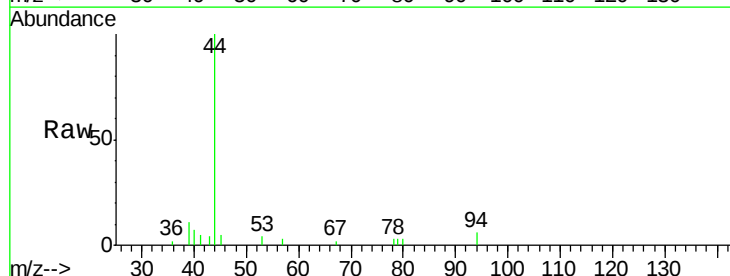
Acq: 13 Mar 2018 17:29

Tgt Ion: 94 Resp: 103

Ion Ratio Lower Upper

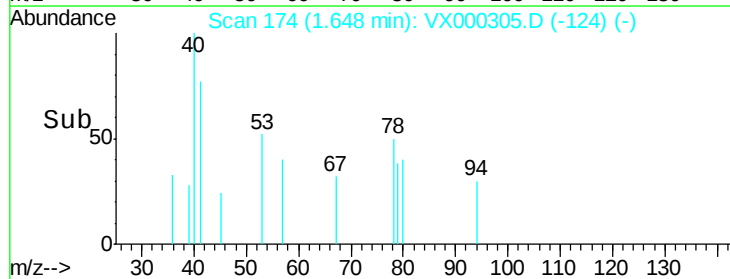
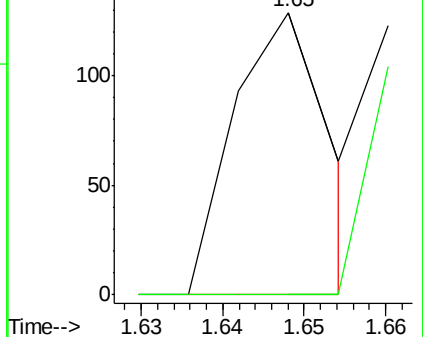
94 100

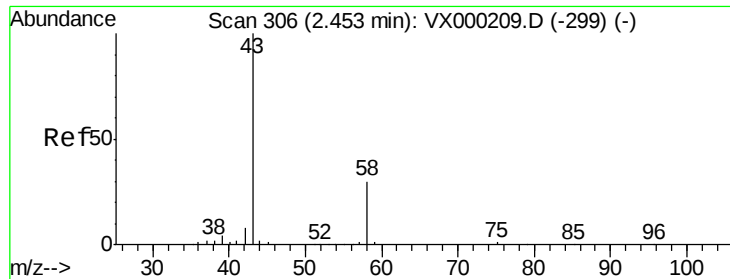
96 0.0 75.3 112.9#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#16

Acetone

Concen: 3.36 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX000305.D

Acq: 13 Mar 2018 17:29

Instrument :

MSVOA_X

ClientSampled :

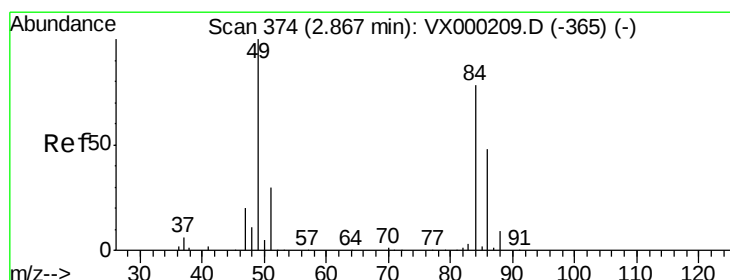
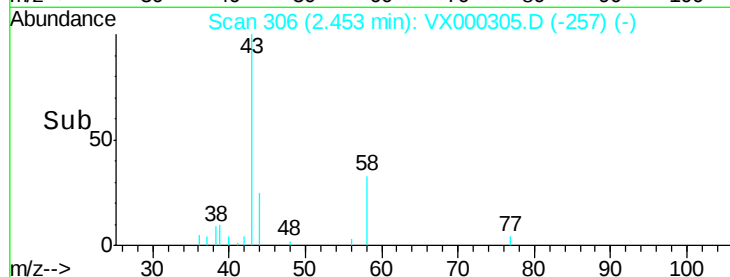
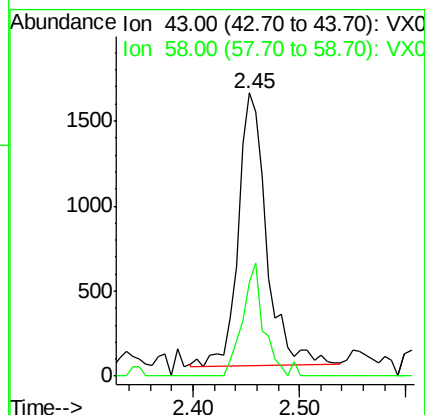
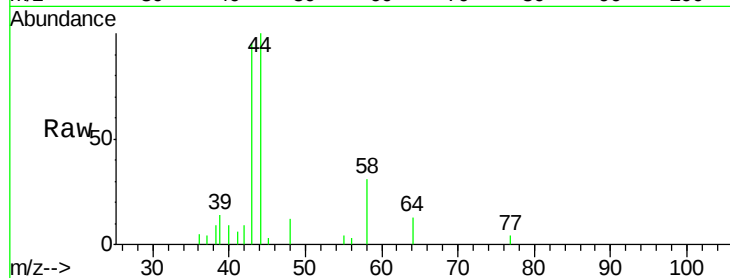
TP-2

Tot Ion: 43 Resp: 2998

Ion Ratio Lower Upper

43 100

58 34.6 23.8 35.6



#20

Methylene Chloride

Concen: 0.77 ug/l

RT: 2.87 min Scan# 374

Delta R.T. 0.00 min

Lab File: VX000305.D

Acq: 13 Mar 2018 17:29

Tgt Ion: 84 Resp: 822

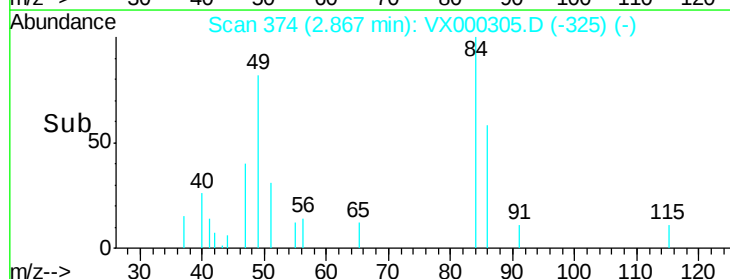
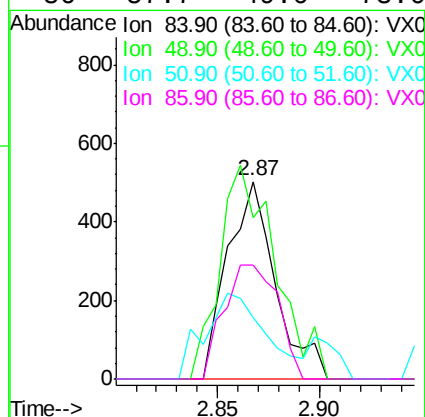
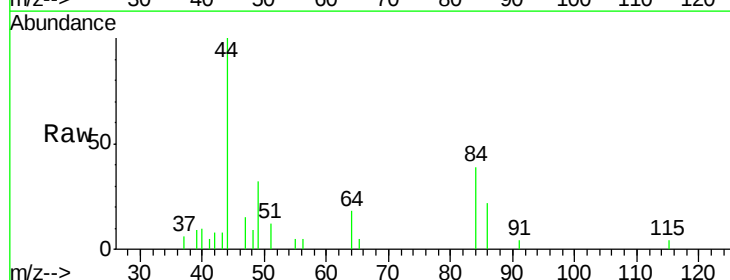
Ion Ratio Lower Upper

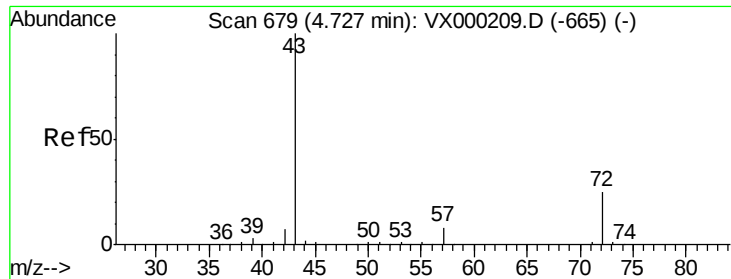
84 100

49 81.9 102.1 153.1#

51 18.7 30.6 45.8#

86 57.7 49.0 73.6





#25

2-Butanone

Concen: 0.44 ug/l

RT: 4.74 min Scan# 681

Delta R.T. 0.01 min

Lab File: VX000305.D

Acq: 13 Mar 2018 17:29

Instrument :

MSVOA_X

ClientSampled :

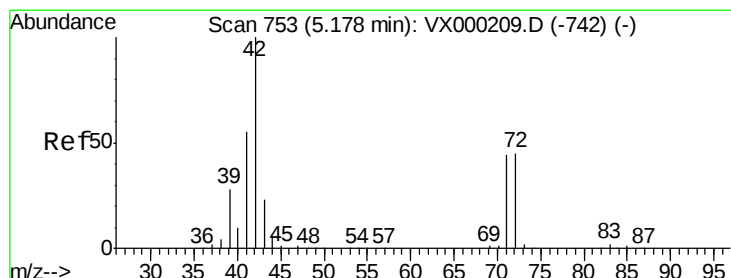
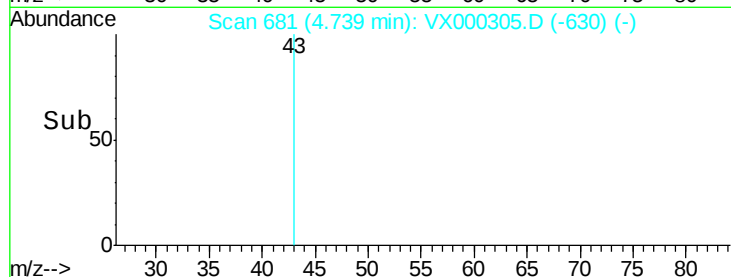
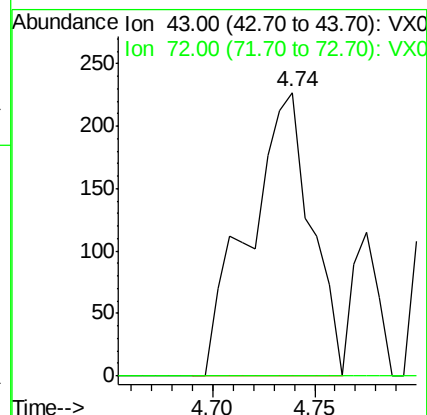
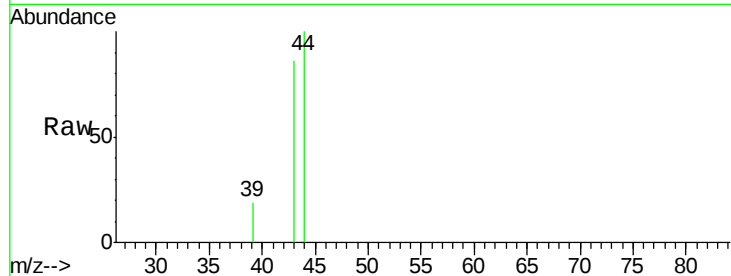
TP-2

Tot Ion: 43 Resp: 483

Ion Ratio Lower Upper

43 100

72 0.0 20.2 30.2#



#29

Tetrahydrofuran

Concen: 0.29 ug/l

RT: 5.17 min Scan# 752

Delta R.T. -0.01 min

Lab File: VX000305.D

Acq: 13 Mar 2018 17:29

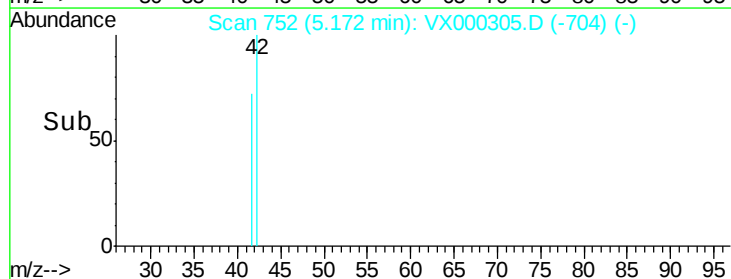
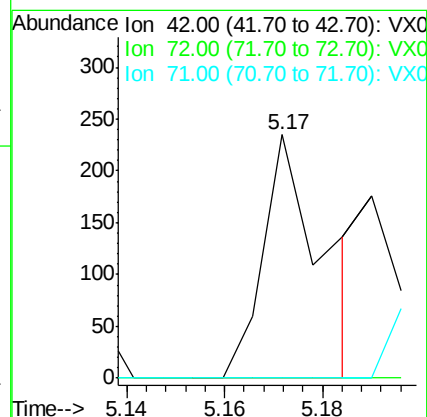
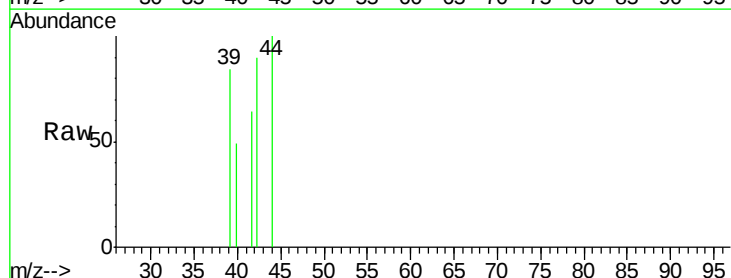
Tgt Ion: 42 Resp: 198

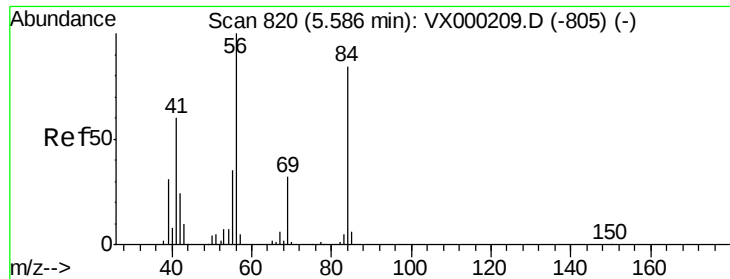
Ion Ratio Lower Upper

42 100

72 0.0 37.3 55.9#

71 0.0 35.0 52.4#

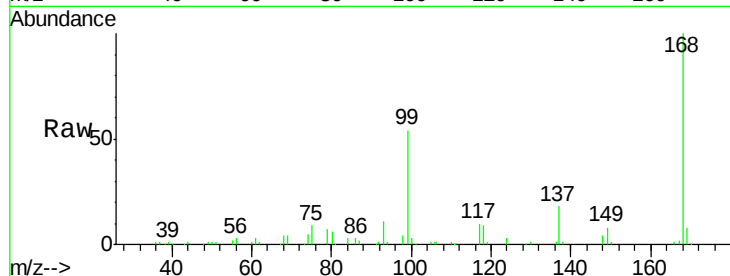




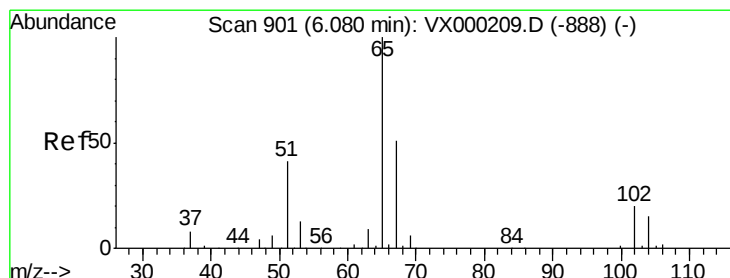
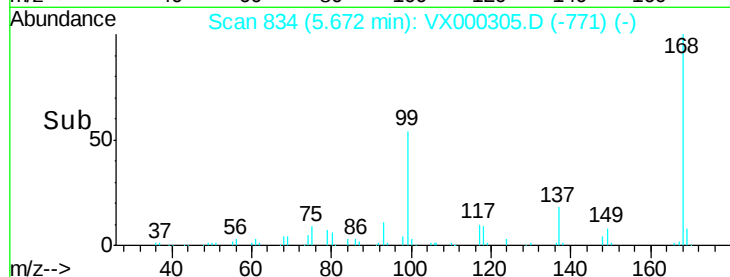
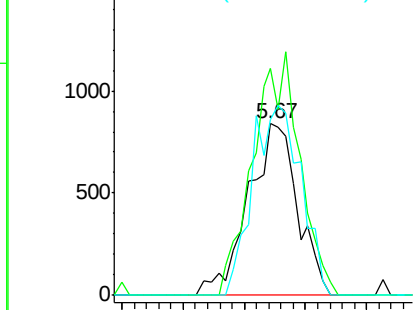
#31
Cyclohexane
Concen: 1.73 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.09 min
Lab File: VX000305.D
Acq: 13 Mar 2018 17:29

Instrument :
MSVOA_X
ClientSampleId :
TP-2

Tot Ion: 56 Resp: 2352
Ion Ratio Lower Upper
56 100
69 131.9 25.3 37.9#
84 102.7 67.2 100.8#

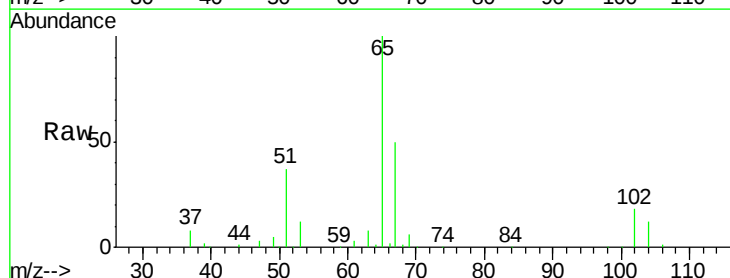


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

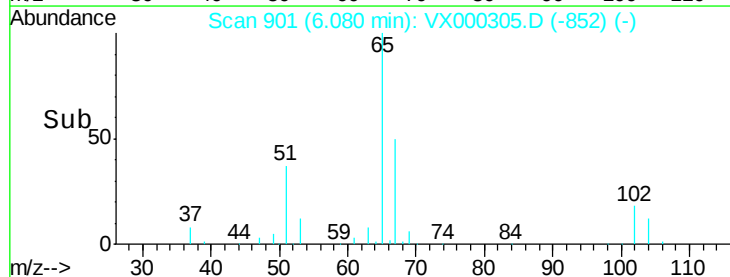
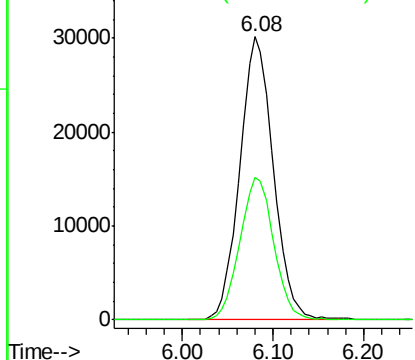


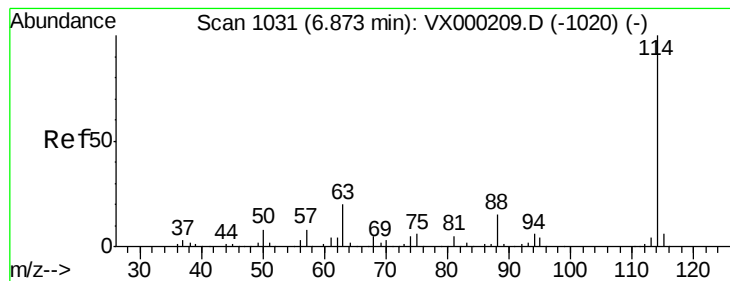
#33
1,2-Dichloroethane-d4
Concen: 62.13 ug/l
RT: 6.08 min Scan# 901
Delta R.T. 0.00 min
Lab File: VX000305.D
Acq: 13 Mar 2018 17:29

Tgt Ion: 65 Resp: 77116
Ion Ratio Lower Upper
65 100
67 51.0 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: VX000305.D

Acq: 13 Mar 2018 17:29

Instrument :

MSVOA_X

ClientSampleId :

TP-2

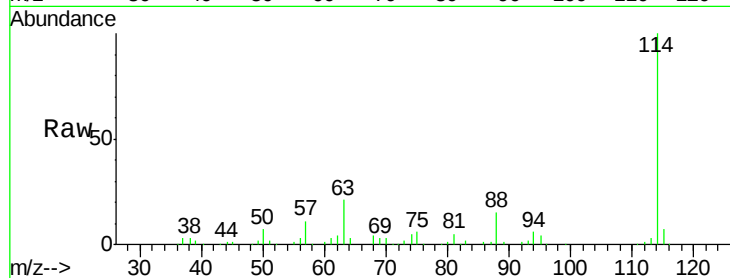
Tot Ion:114 Resp: 151917

Ion Ratio Lower Upper

114 100

63 21.3 0.0 39.2

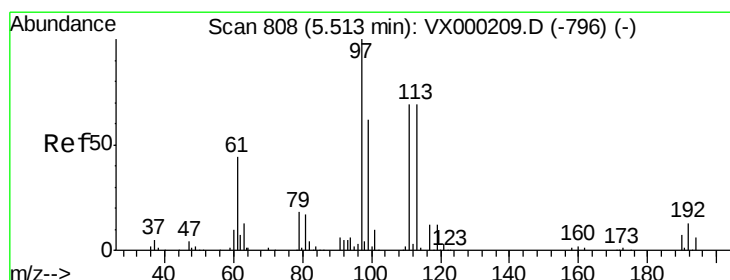
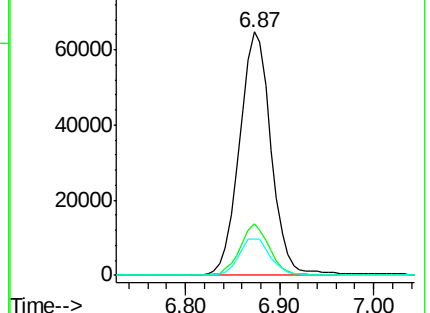
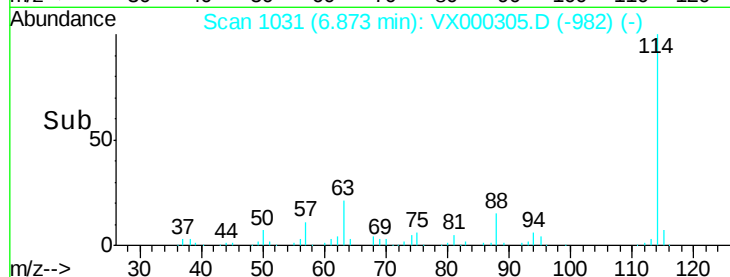
88 14.7 0.0 29.8



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: 60.64 ug/l

RT: 5.52 min Scan# 809

Delta R.T. 0.01 min

Lab File: VX000305.D

Acq: 13 Mar 2018 17:29

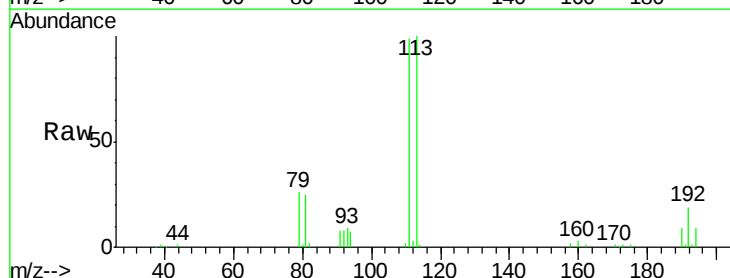
Tgt Ion:113 Resp: 57864

Ion Ratio Lower Upper

113 100

111 100.7 83.0 124.6

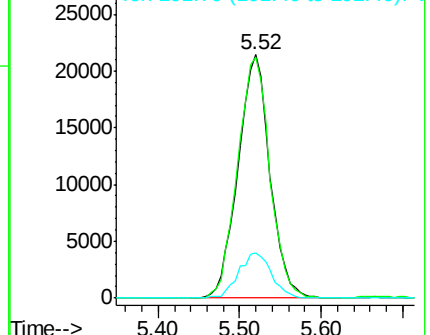
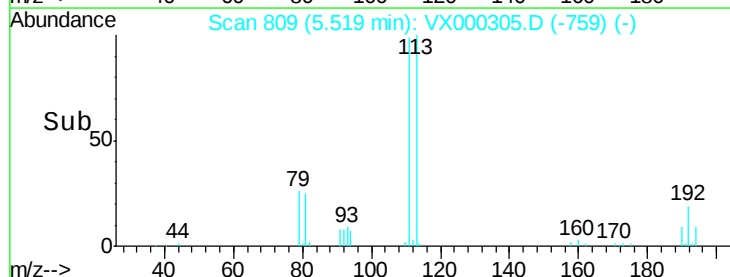
192 19.1 15.5 23.3

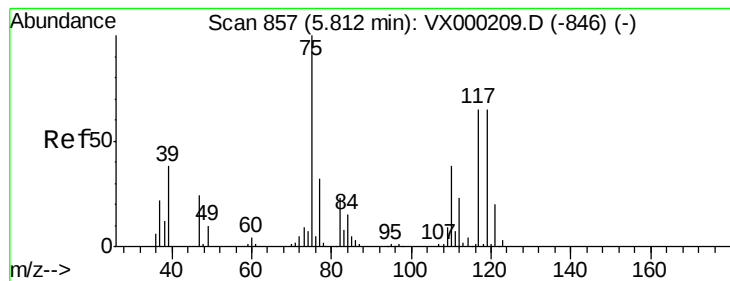


Abundance Ion 112.80 (112.50 to 113.50): V

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: 5.67 min Scan# 834

Delta R.T. -0.14 min

Lab File: VX000305.D

Acq: 13 Mar 2018 17:29

Instrument :

MSVOA_X

ClientSampleId :

TP-2

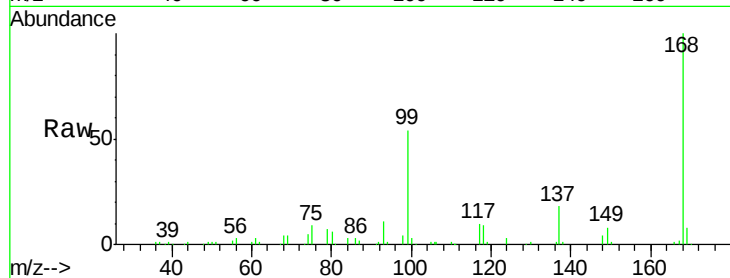
Tot Ion: 75 Resp: 7214

Ion Ratio Lower Upper

75 100

110 11.4 17.8 53.5#

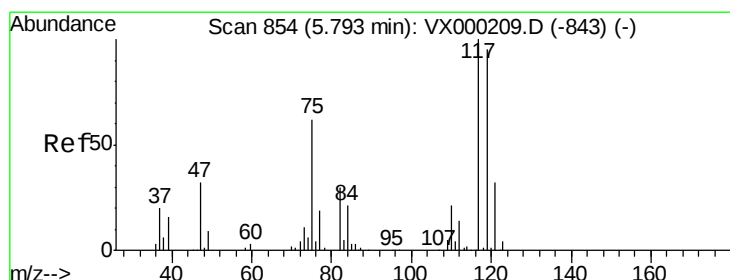
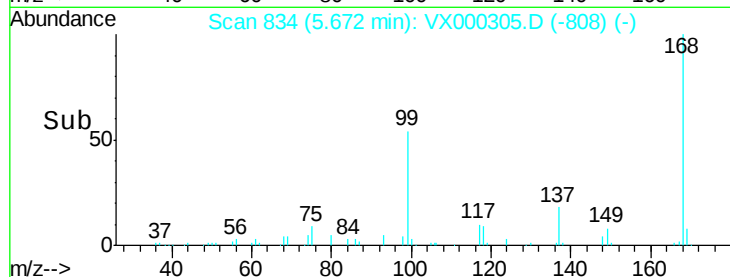
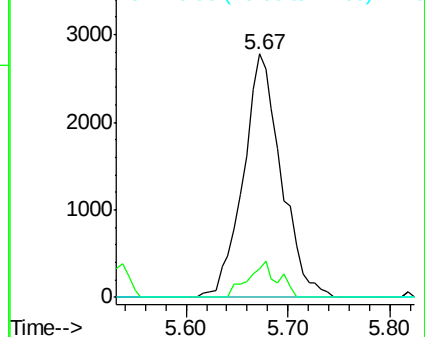
77 0.0 24.9 37.3#



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: 6.55 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.12 min

Lab File: VX000305.D

Acq: 13 Mar 2018 17:29

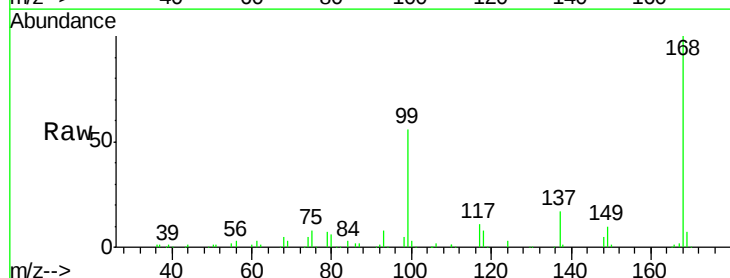
Tgt Ion: 117 Resp: 8959

Ion Ratio Lower Upper

117 100

119 4.0 75.9 113.9#

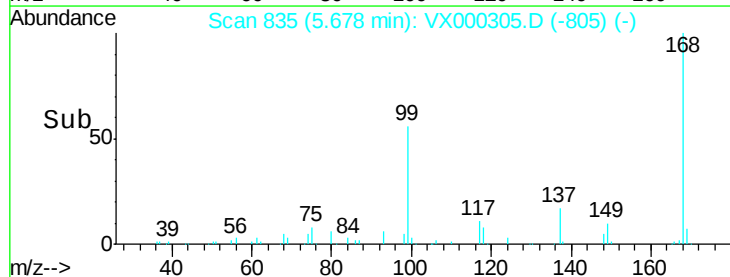
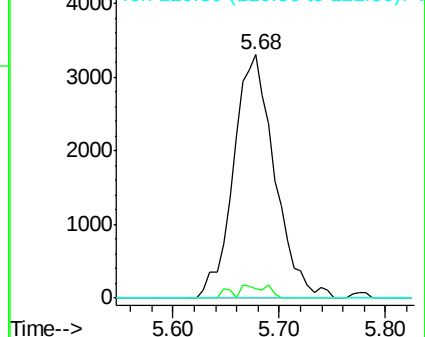
121 0.0 25.8 38.6#

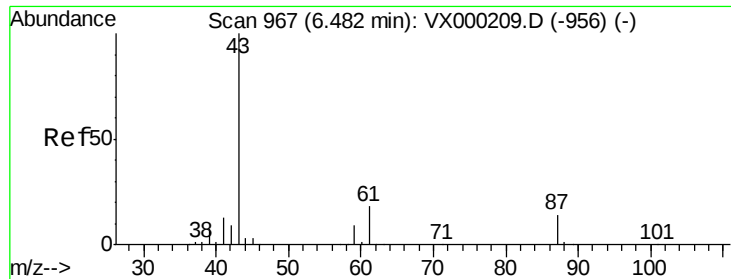


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#43

Isopropyl Acetate

Concen: 0.42 ug/l

RT: 6.49 min Scan# 968

Delta R.T. 0.01 min

Lab File: VX000305.D

Acq: 13 Mar 2018 17:29

Instrument :

MSVOA_X

ClientSampleId :

TP-2

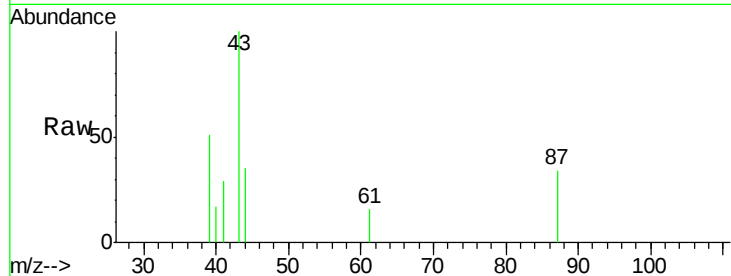
Tot Ion: 43 Resp: 1200

Ion Ratio Lower Upper

43 100

61 4.4 14.8 22.2#

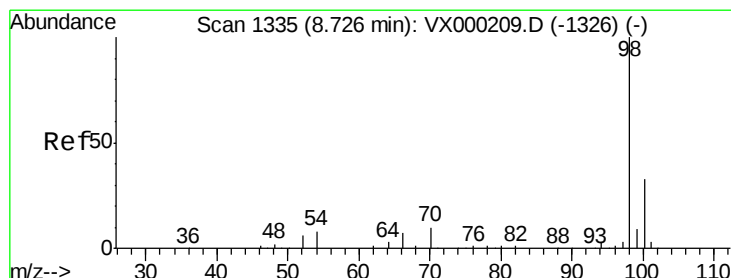
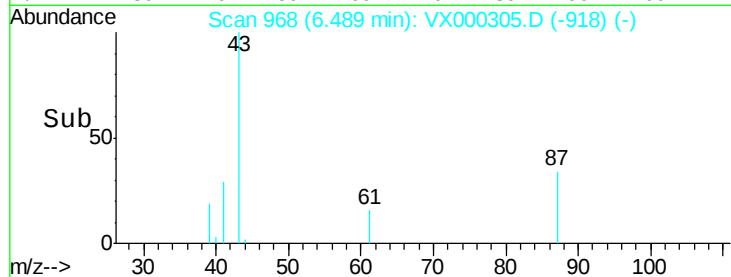
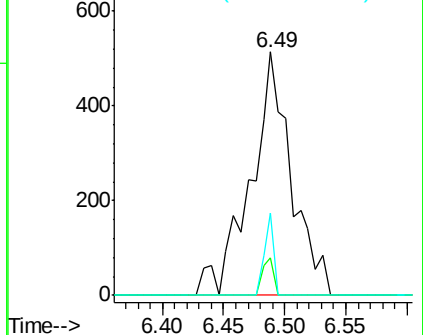
87 7.9 10.6 16.0#



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: 56.46 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VX000305.D

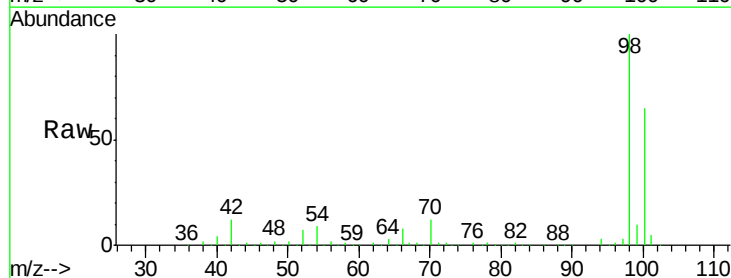
Acq: 13 Mar 2018 17:29

Tgt Ion: 98 Resp: 223141

Ion Ratio Lower Upper

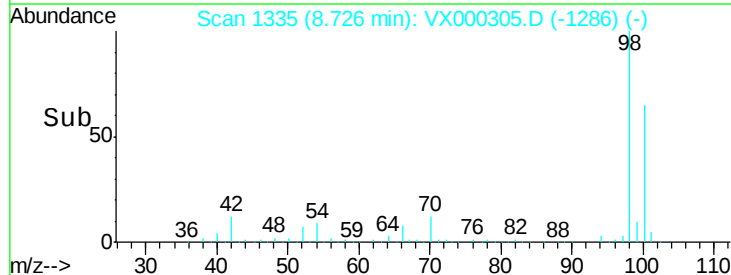
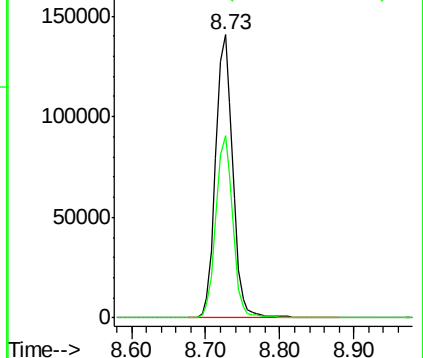
98 100

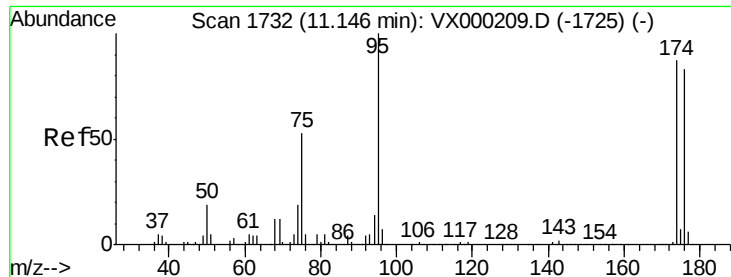
100 63.5 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 52.03 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000305.D

Acq: 13 Mar 2018 17:29

Instrument :

MSVOA_X

ClientSampled :

TP-2

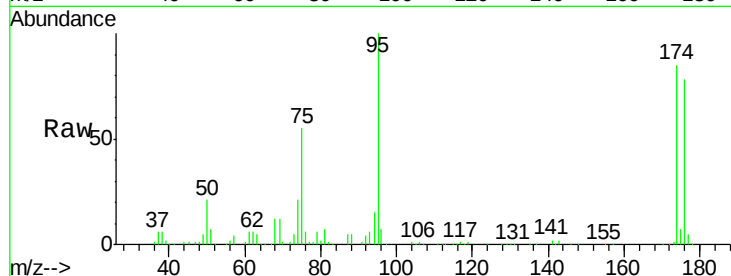
Tot Ion: 95 Resp: 80259

Ion Ratio Lower Upper

95 100

174 86.8 0.0 175.6

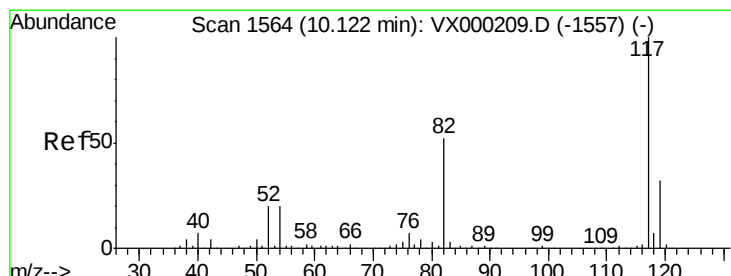
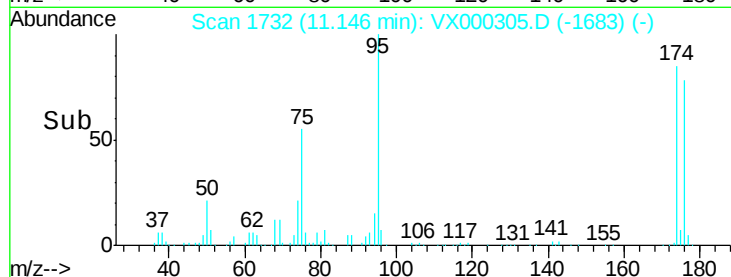
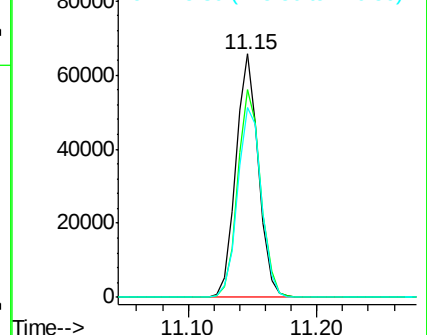
176 82.3 0.0 171.0



Abundance Ion 94.90 (94.60 to 95.60): VX000305.D (-1683) (-)

Ion 173.80 (173.50 to 174.50): VX000305.D (-1683) (-)

Ion 175.80 (175.50 to 176.50): VX000305.D (-1683) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VX000305.D

Acq: 13 Mar 2018 17:29

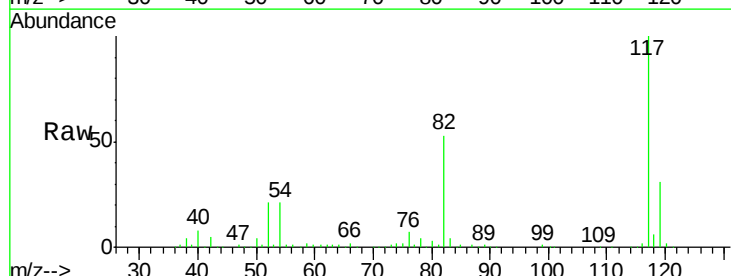
Tgt Ion: 117 Resp: 147397

Ion Ratio Lower Upper

117 100

82 52.8 42.0 63.0

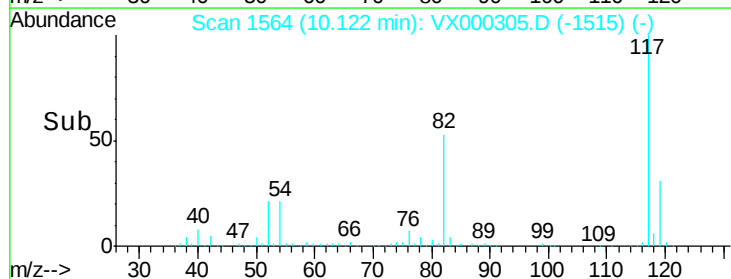
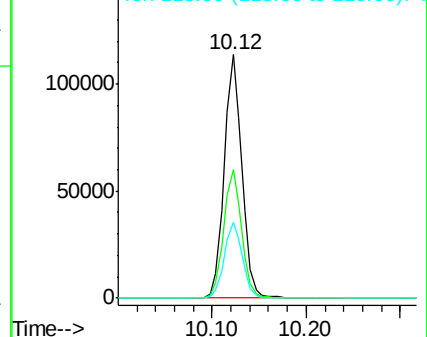
119 31.3 25.3 37.9

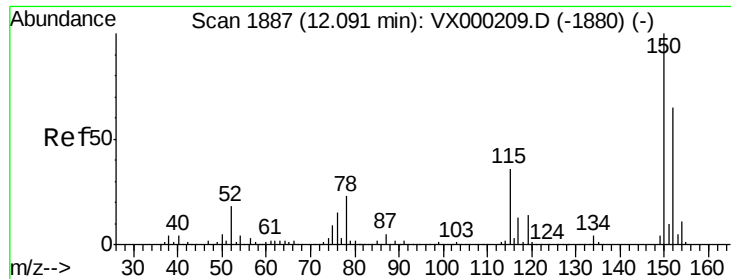


Abundance Ion 116.90 (116.60 to 117.60): VX000305.D (-1515) (-)

Ion 82.00 (81.70 to 82.70): VX000305.D (-1515) (-)

Ion 118.90 (118.60 to 119.60): VX000305.D (-1515) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.01 min

Lab File: VX000305.D

Acq: 13 Mar 2018 17:29

Instrument :

MSVOA_X

ClientSampleId :

TP-2

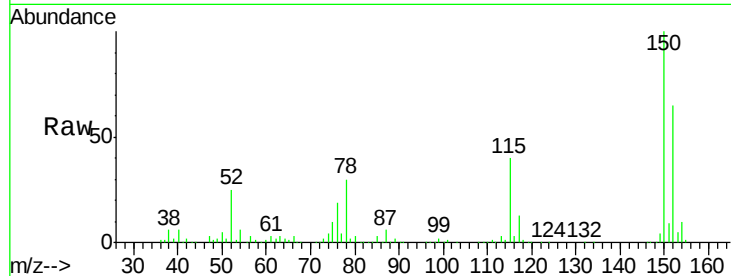
Tot Ion:152 Resp: 74467

Ion Ratio Lower Upper

152 100

115 58.7 39.8 119.3

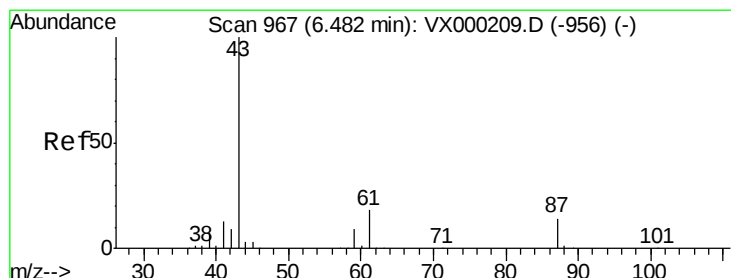
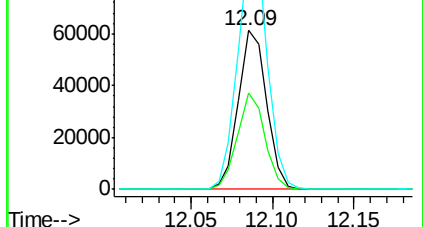
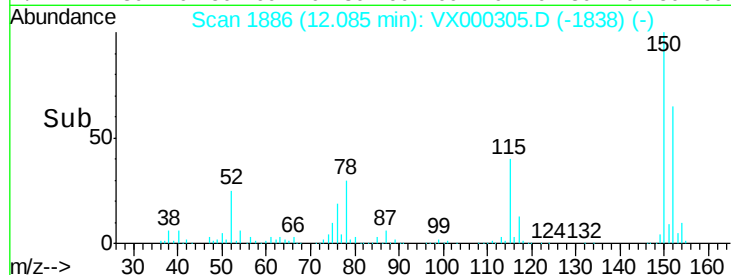
150 158.3 0.0 345.0



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-ethyl acetate

Concen: 0.50 ug/l

RT: 6.49 min Scan# 968

Delta R.T. 0.01 min

Lab File: VX000305.D

Acq: 13 Mar 2018 17:29

Tgt Ion: 43 Resp: 1200

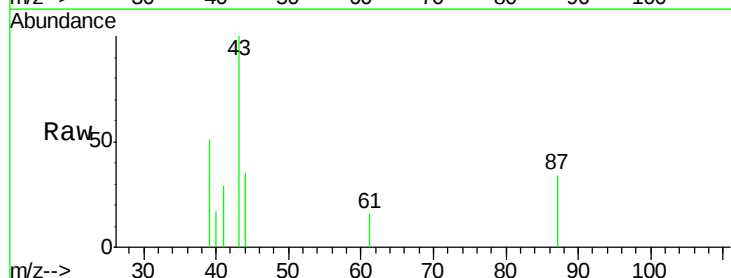
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 4.4 14.8 22.2#

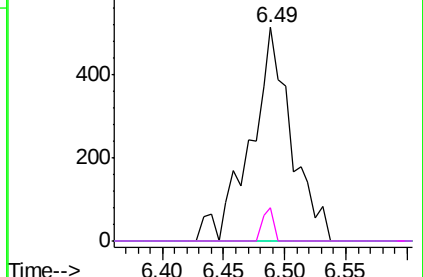
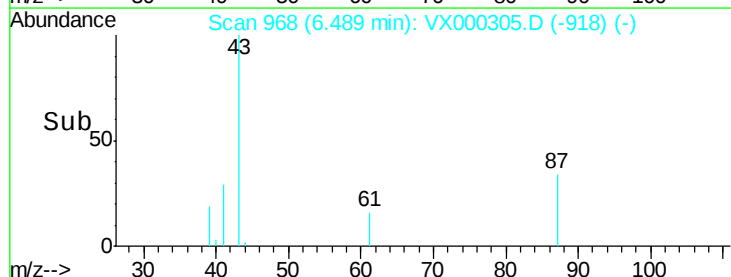


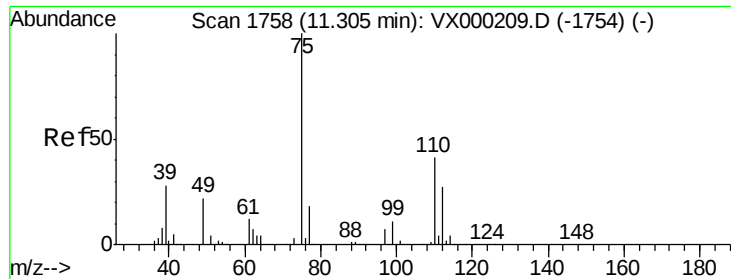
Abundance Ion 43.00 (42.70 to 43.70): VX0

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

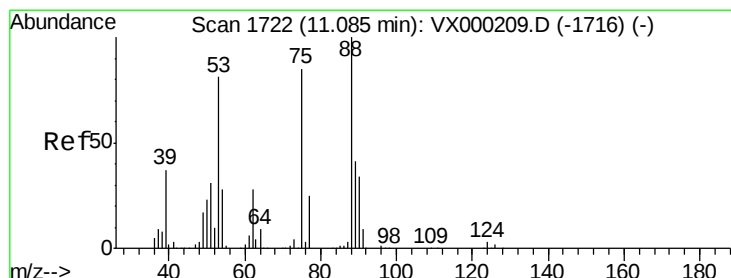
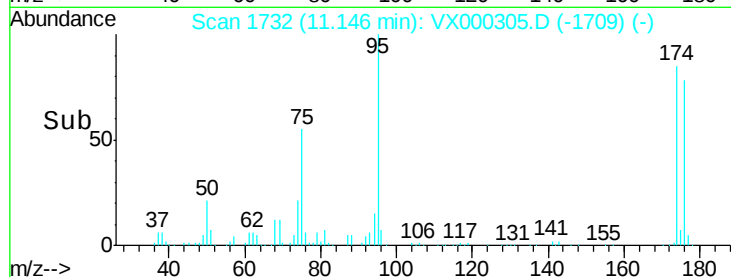
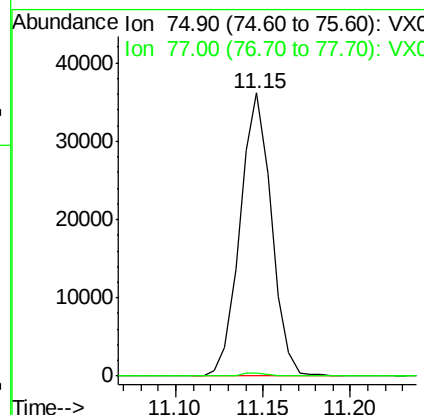
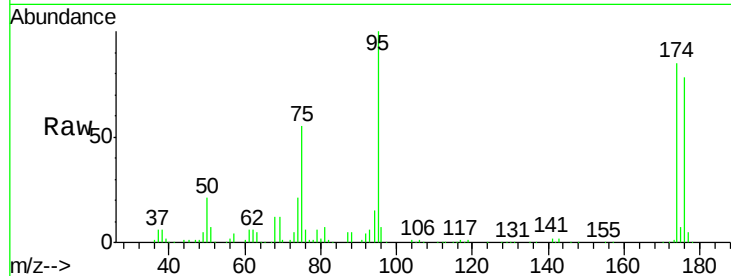




#76
 1,2,3-Trichloropropane
 Concen: 30.10 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. -0.16 min
 Lab File: VX000305.D
 Acq: 13 Mar 2018 17:29

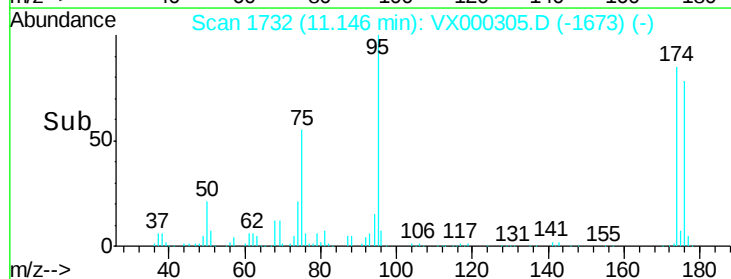
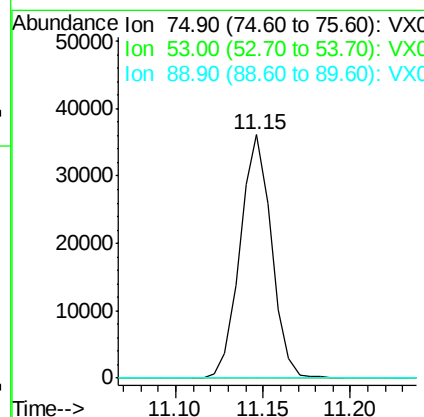
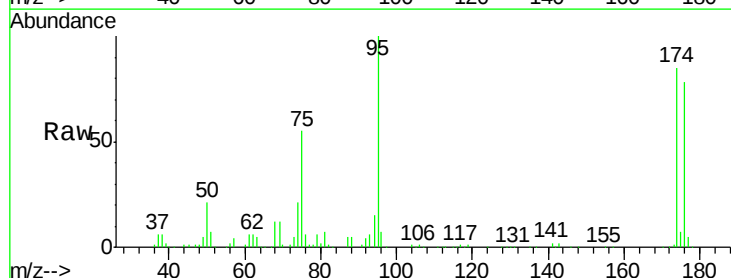
Instrument :
 MSVOA_X
 ClientSampled :
 TP-2

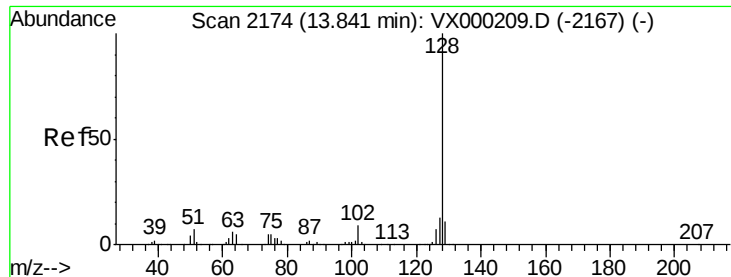
Tot Ion: 75 Resp: 44938
 Ion Ratio Lower Upper
 75 100
 77 1.1 22.3 66.8#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.19 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. 0.06 min
 Lab File: VX000305.D
 Acq: 13 Mar 2018 17:29

Tgt Ion: 75 Resp: 44938
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.6 118.0#
 89 0.1 38.8 58.2#

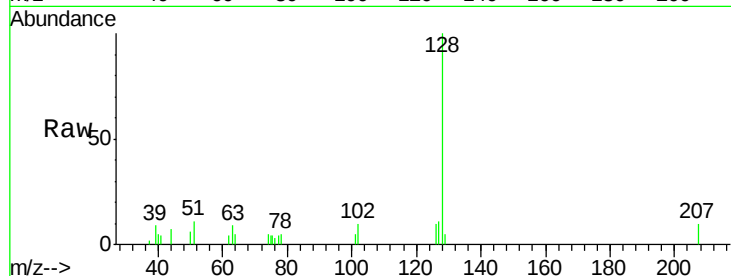




#95
Naphthalene
Concen: 0.54 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX000305.D
Acq: 13 Mar 2018 17:29

Instrument :
MSVOA_X
ClientSampleId :
TP-2

Tot Ion	Ratio	Lower	Upper
128	100		
127	11.1	10.5	15.7
129	12.0	8.6	13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

