

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092718\
 Data File : VX004798.D
 Acq On : 28 Sep 2018 02:50
 Operator : JC/MD
 Sample : J5033-19
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-EB03-20180919

Quant Time: Sep 28 06:04:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	227208	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	380452	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	378240	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	210315	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	186017	57.31	ug/l	0.00
Spiked Amount			Recovery	=	114.62%	
35) Dibromofluoromethane	5.50	113	153739	47.68	ug/l	0.00
Spiked Amount			Recovery	=	95.36%	
50) Toluene-d8	8.72	98	555575	51.83	ug/l	0.00
Spiked Amount			Recovery	=	103.66%	
62) 4-Bromofluorobenzene	11.14	95	200384	51.89	ug/l	0.00
Spiked Amount			Recovery	=	103.78%	

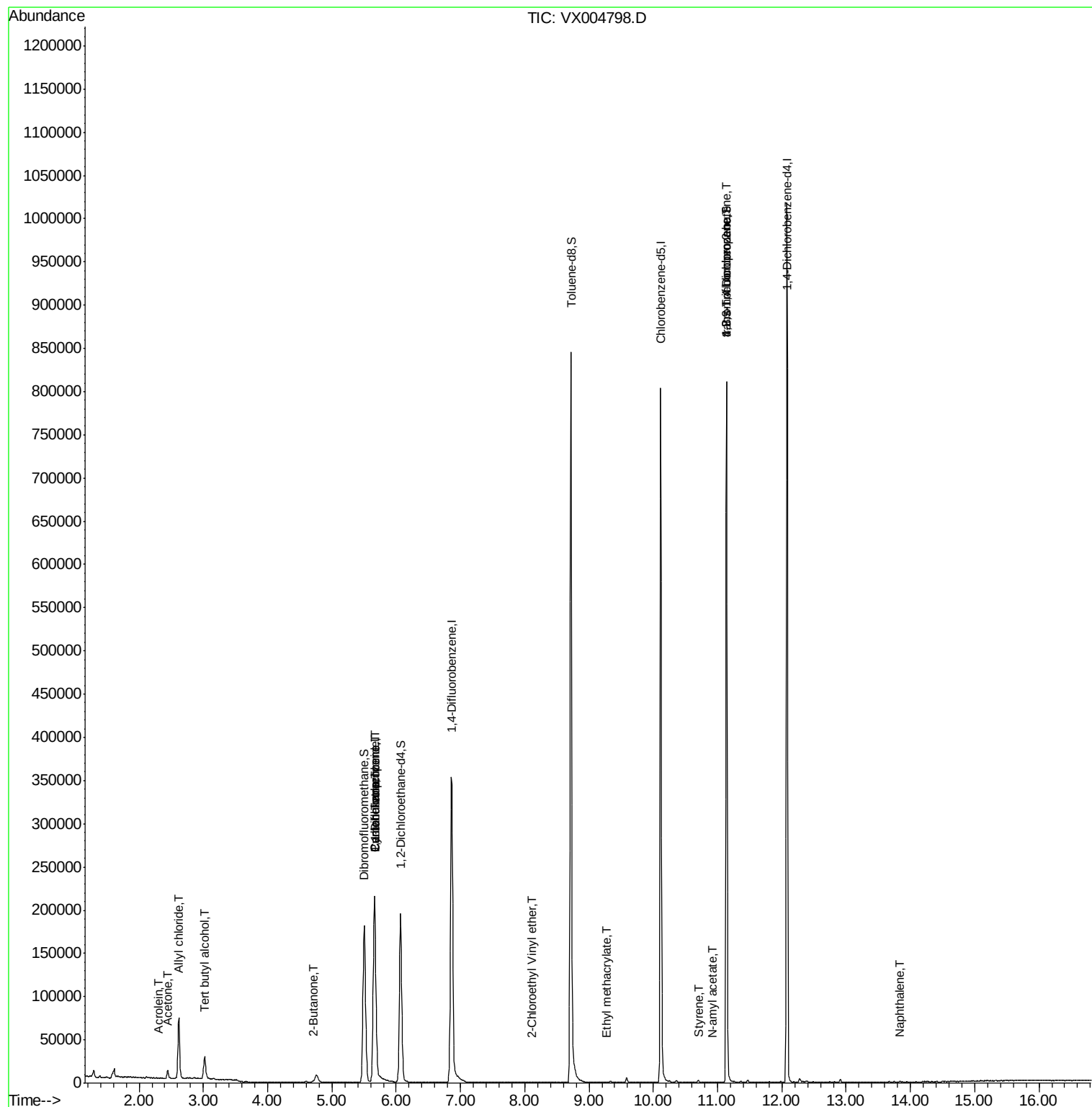
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.76	64	190	Below Cal	#	59
11) Tert butyl alcohol	3.02	59	15870	17.487	ug/l #	79
13) Acrolein	2.30	56	165	0.256	ug/l #	1
14) Allyl chloride	2.62	41	6768	1.260	ug/l #	58
16) Acetone	2.45	43	10750	5.673	ug/l	96
20) Methylene Chloride	2.85	84	286	Below Cal	#	73
25) 2-Butanone	4.70	43	2895	1.036	ug/l	90
31) Cyclohexane	5.66	56	4470	1.082	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	15018	3.414	ug/l #	51
38) Carbon Tetrachloride	5.66	117	20612	4.457	ug/l #	16
56) Ethyl methacrylate	9.26	69	42	2.869	ug/l #	26
58) 2-Chloroethyl Vinyl ether	8.10	63	22	14.249	ug/l #	45
70) Styrene	10.72	104	99	2.150	ug/l #	1
74) N-amyl acetate	10.91	43	147	1.767	ug/l #	48
76) 1,2,3-Trichloropropane	11.14	75	100161	21.248	ug/l #	37
80) 1,3,5-Trimethylbenzene	11.51	105	137	Below Cal		72
81) trans-1,4-Dichloro-2-buten	11.14	75	100161	57.635	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.81	105	334	Below Cal		74
95) Naphthalene	13.84	128	494	0.747	ug/l #	92

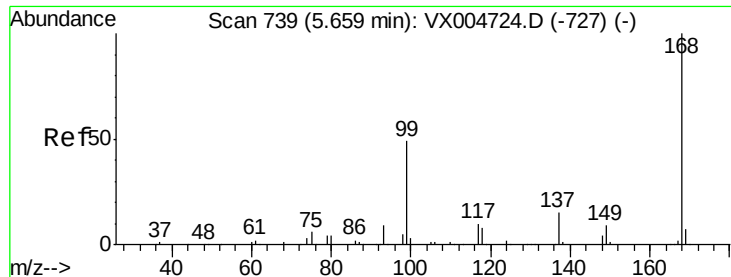
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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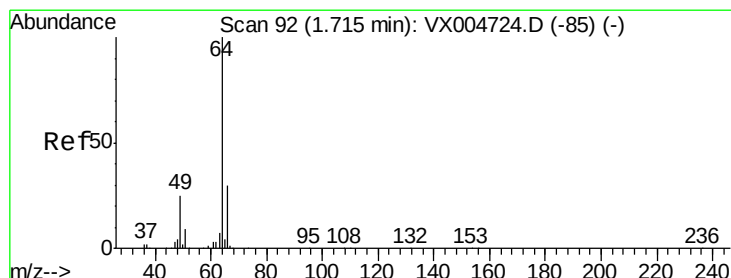
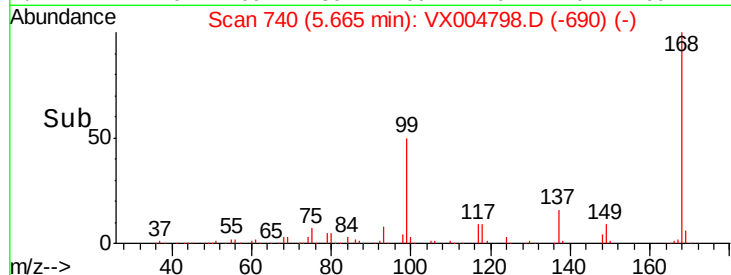
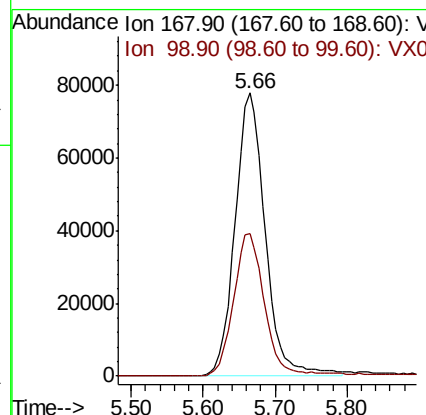
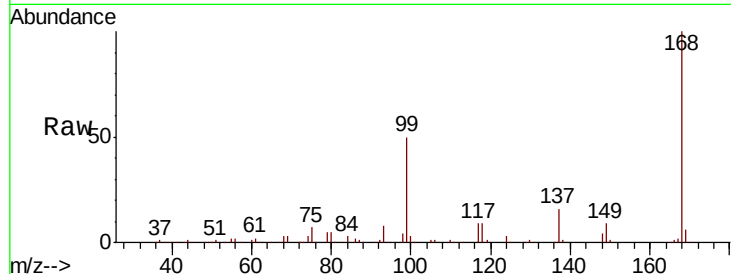




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX004798.D
Acq: 28 Sep 2018 02:50

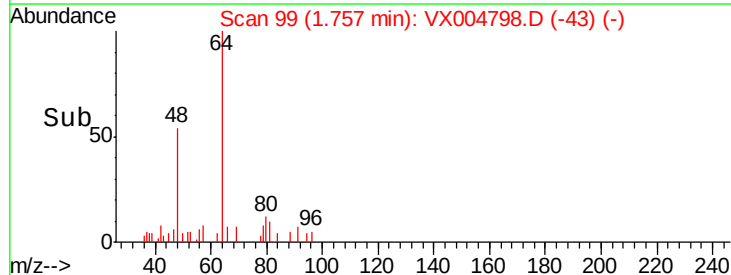
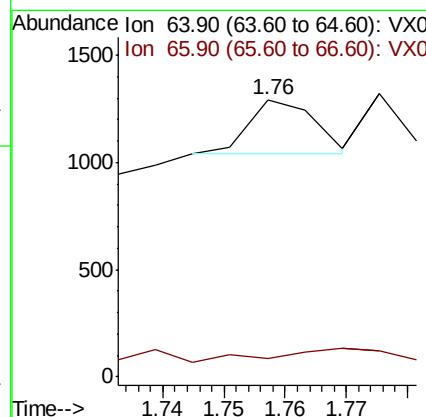
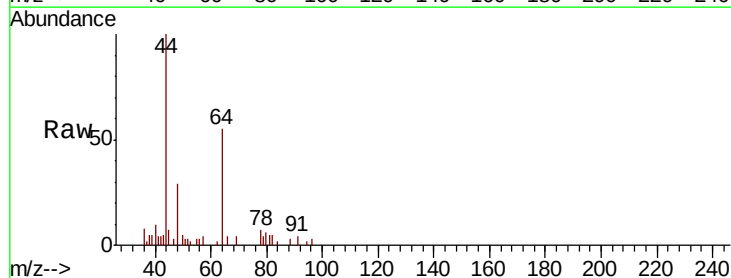
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-EB03-20180919

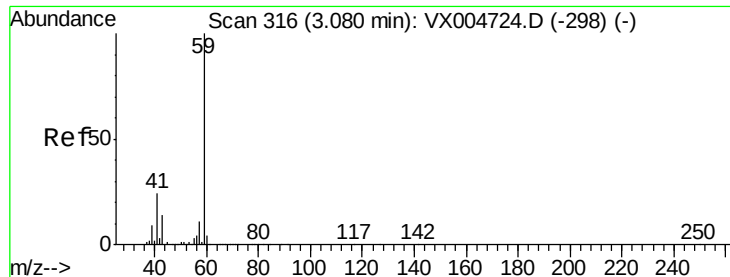
Tot Ion:168 Resp: 227208
Ion Ratio Lower Upper
168 100
99 50.3 39.9 59.9



#6
Chloroethane
Concen: Below Cal
RT: 1.76 min Scan# 99
Delta R.T. 0.04 min
Lab File: VX004798.D
Acq: 28 Sep 2018 02:50

Tgt Ion: 64 Resp: 190
Ion Ratio Lower Upper
64 100
66 8.2 24.6 36.8#



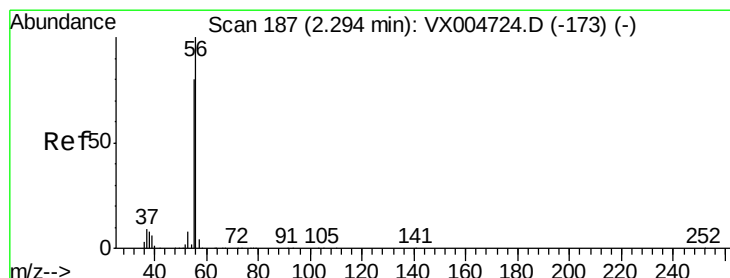
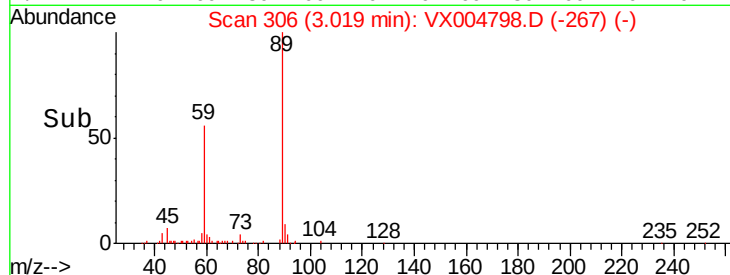
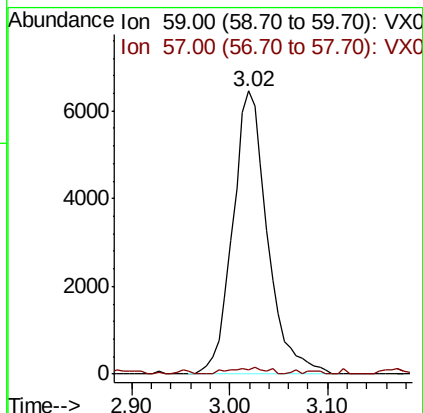
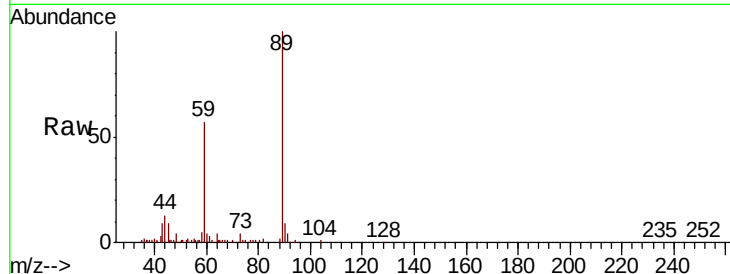


#11

Tert butyl alcohol
 Concen: 17.487 ug/l
 RT: 3.02 min Scan# 306
 Delta R.T. -0.06 min
 Lab File: VX004798.D
 Acq: 28 Sep 2018 02:50

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-EB03-20180919

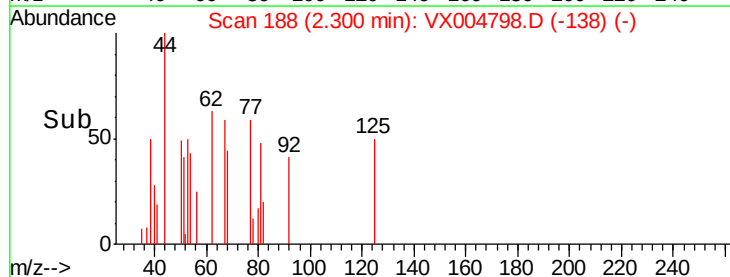
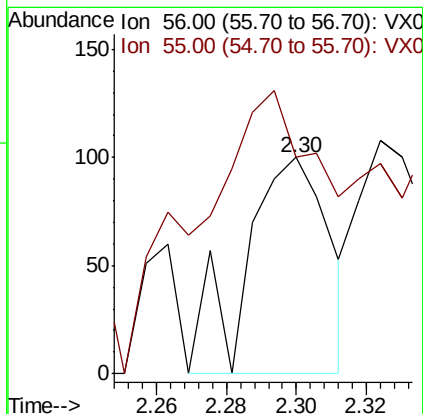
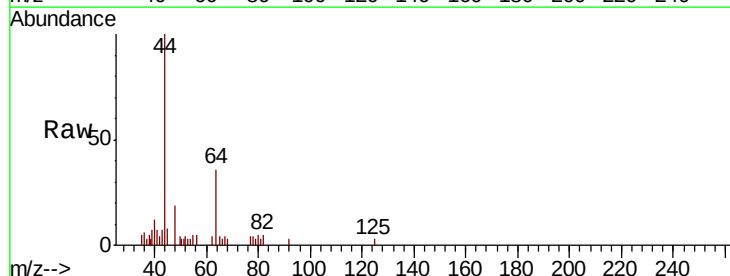
Tot Ion: 59 Resp: 15870
 Ion Ratio Lower Upper
 59 100
 57 2.4 8.2 12.4#

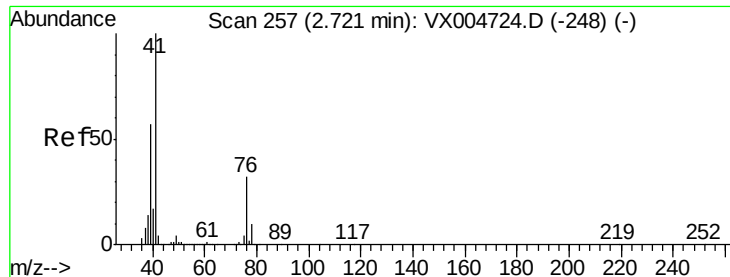


#13

Acrolein
 Concen: 0.256 ug/l
 RT: 2.30 min Scan# 188
 Delta R.T. 0.01 min
 Lab File: VX004798.D
 Acq: 28 Sep 2018 02:50

Tgt Ion: 56 Resp: 165
 Ion Ratio Lower Upper
 56 100
 55 218.8 54.7 82.1#





#14

Allvl chloride

Concen: 1.260 ug/l

RT: 2.62 min Scan# 240

Delta R.T. -0.10 min

Lab File: VX004798.D

Acq: 28 Sep 2018 02:50

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-EB03-20180919

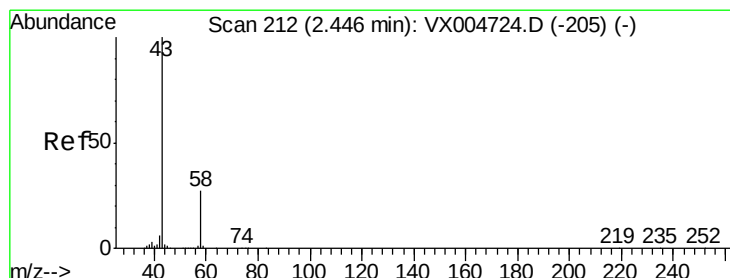
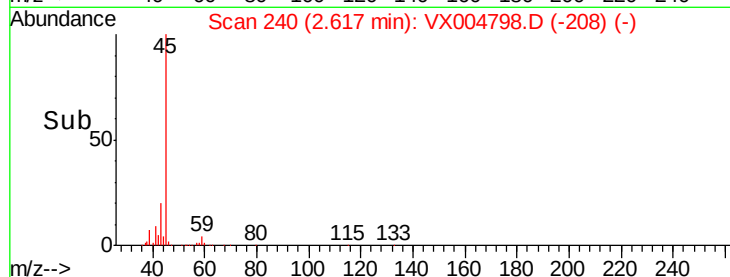
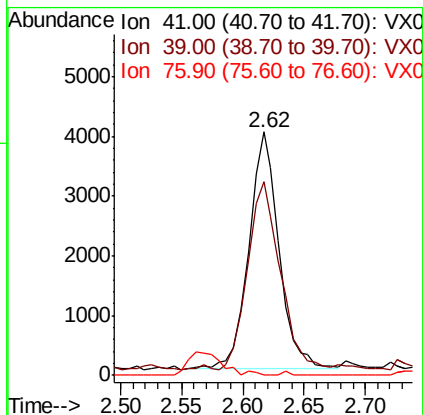
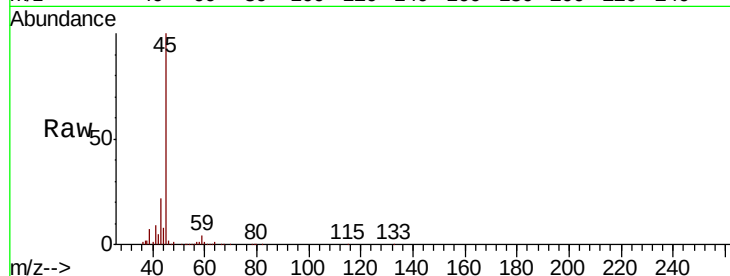
Tot Ion: 41 Resp: 6768

Ion Ratio Lower Upper

41 100

39 86.9 48.9 73.3#

76 0.4 26.7 40.1#



#16

Acetone

Concen: 5.673 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX004798.D

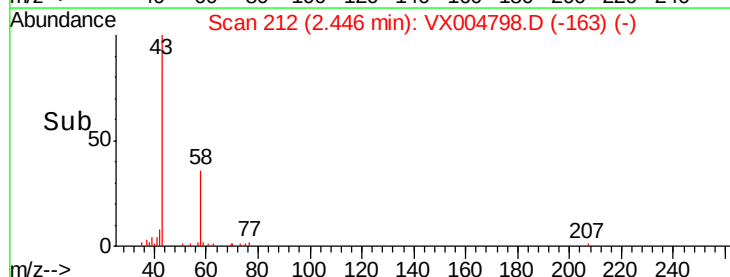
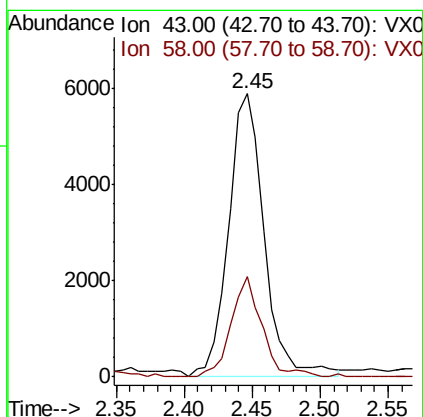
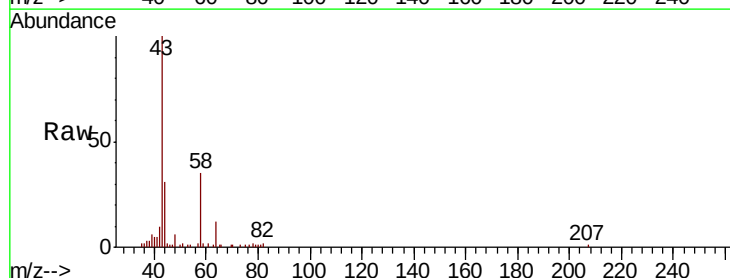
Acq: 28 Sep 2018 02:50

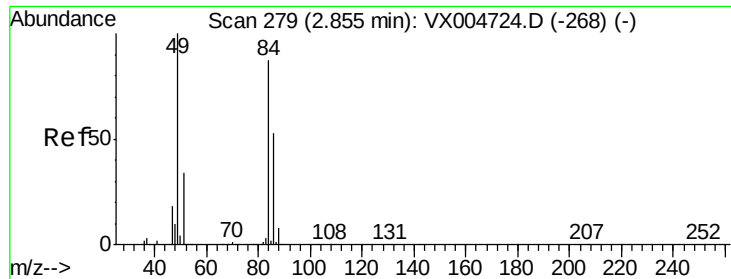
Tgt Ion: 43 Resp: 10750

Ion Ratio Lower Upper

43 100

58 35.3 26.2 39.4

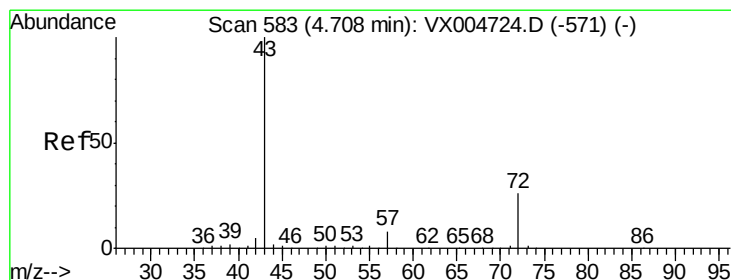
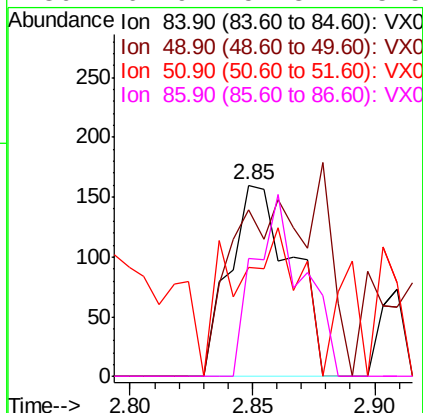
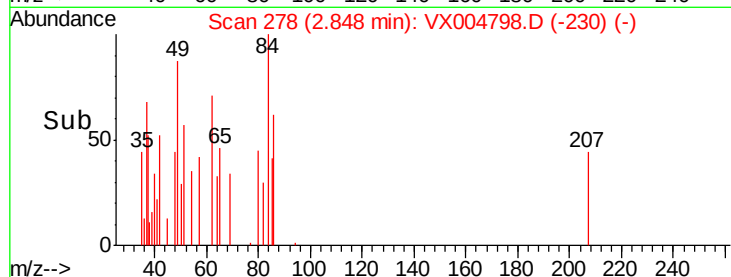
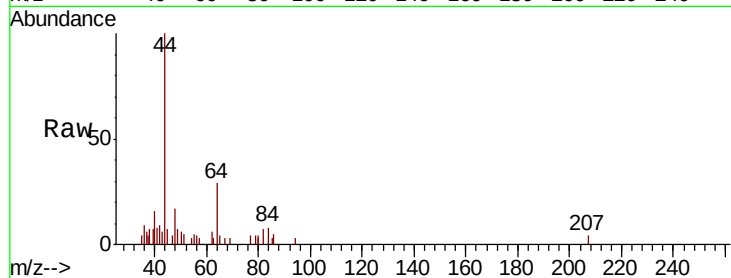




#20
Methylene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 278
Delta R.T. -0.01 min
Lab File: VX004798.D
Acq: 28 Sep 2018 02:50

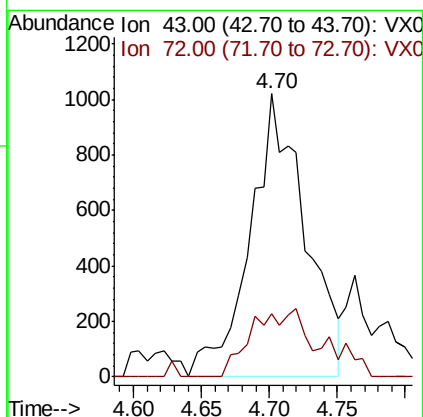
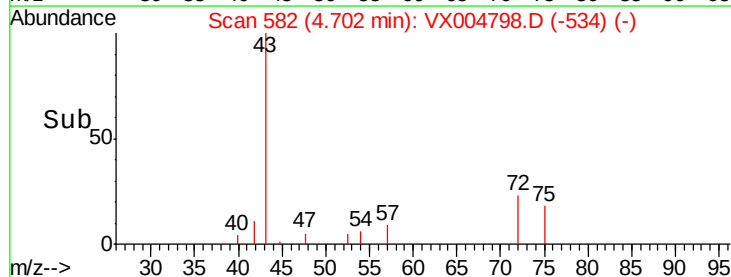
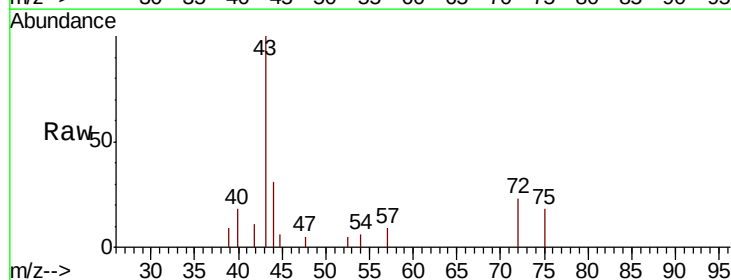
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-EB03-20180919

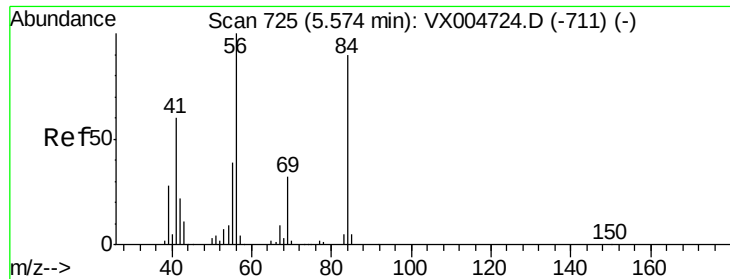
Tot Ion:	84	Resp:	286
Ion	Ratio	Lower	Upper
84	100		
49	86.9	101.2	151.8#
51	12.5	29.5	44.3#
86	61.9	52.3	78.5



#25
2-Butanone
Concen: 1.036 ug/l
RT: 4.70 min Scan# 582
Delta R.T. -0.01 min
Lab File: VX004798.D
Acq: 28 Sep 2018 02:50

Tgt Ion:	43	Resp:	2895
Ion	Ratio	Lower	Upper
43	100		
72	22.5	22.0	33.0

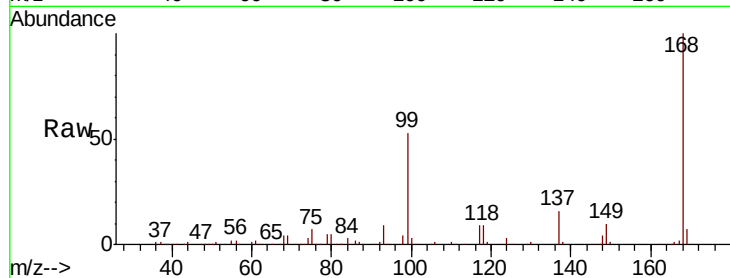




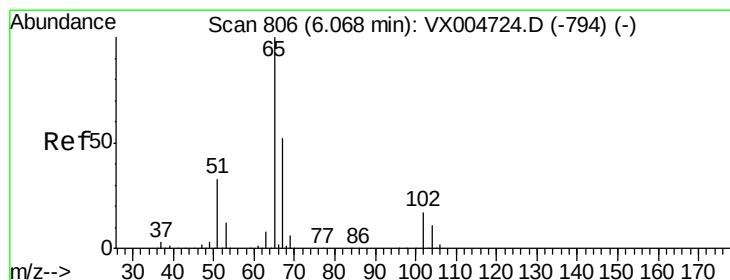
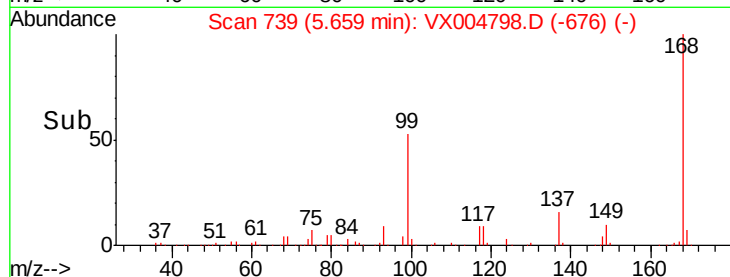
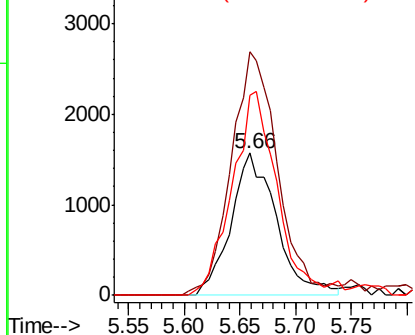
#31
Cyclohexane
Concen: 1.082 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX004798.D
Acq: 28 Sep 2018 02:50

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-EB03-20180919

Tot Ion: 56 Resp: 4470
Ion Ratio Lower Upper
56 100
69 168.3 25.4 38.2#
84 141.1 71.4 107.2#

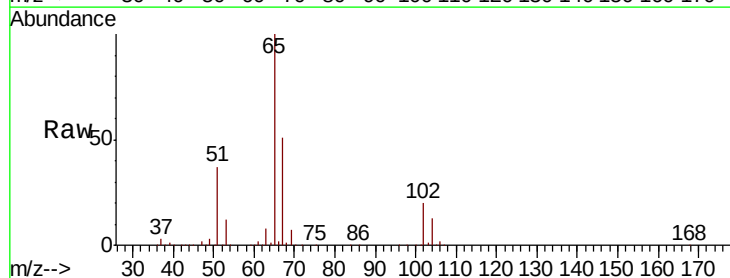


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

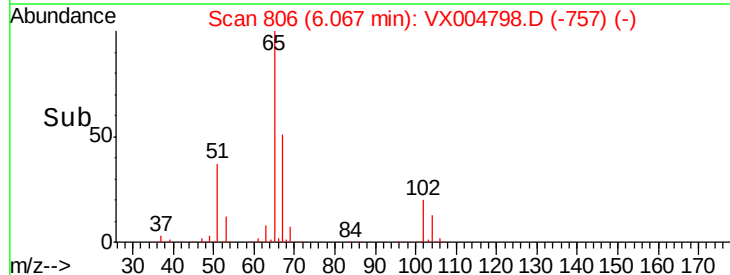
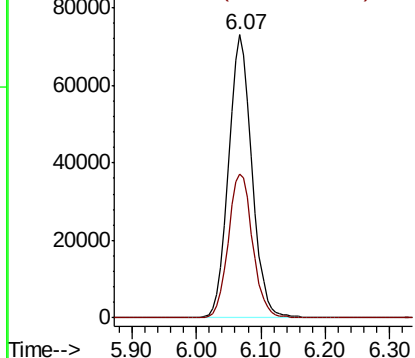


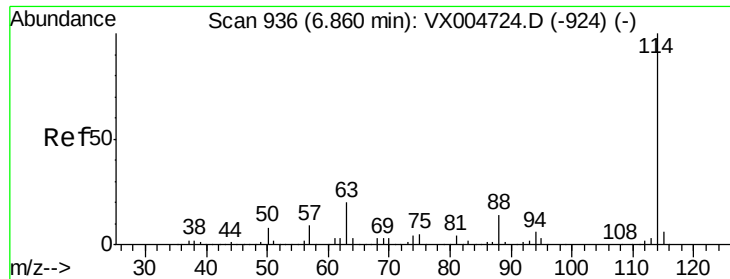
#33
1,2-Dichloroethane-d4
Concen: 57.312 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX004798.D
Acq: 28 Sep 2018 02:50

Tgt Ion: 65 Resp: 186017
Ion Ratio Lower Upper
65 100
67 52.9 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

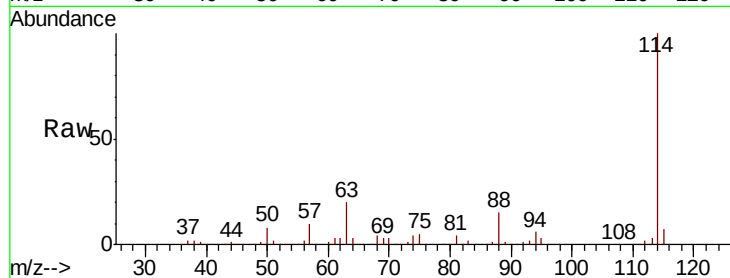




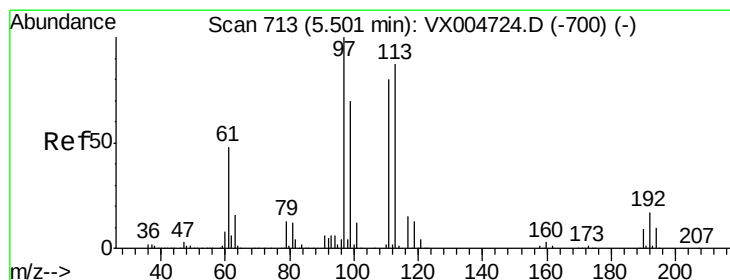
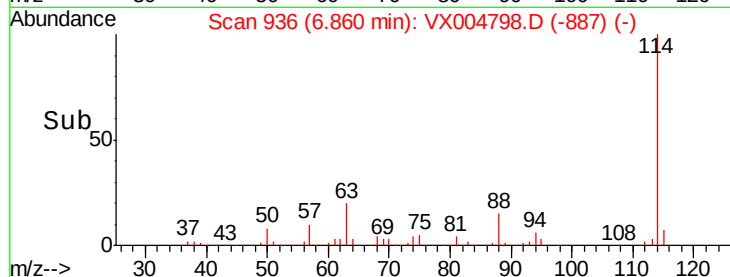
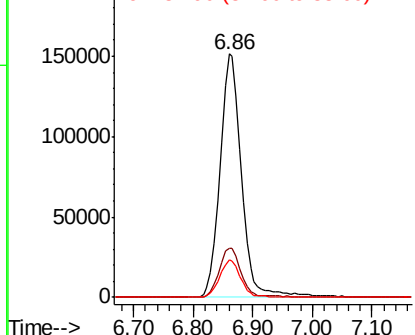
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004798.D
 Acq: 28 Sep 2018 02:50

Instrument :
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 ClientSampleId :
 BP-TT-EB03-20180919

Tot Ion:114 Resp: 380452
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 39.0
 88 15.3 0.0 30.4

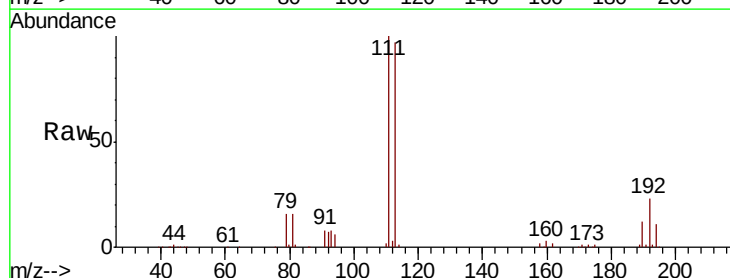


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

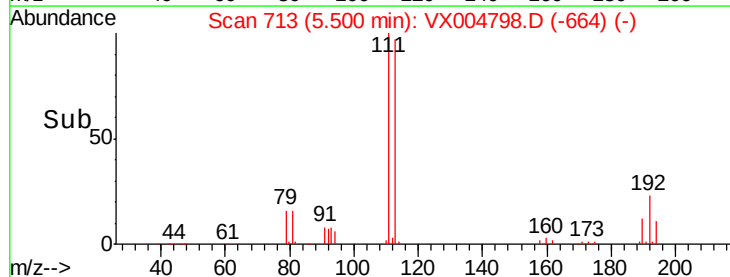
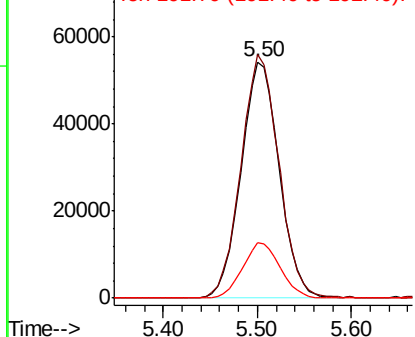


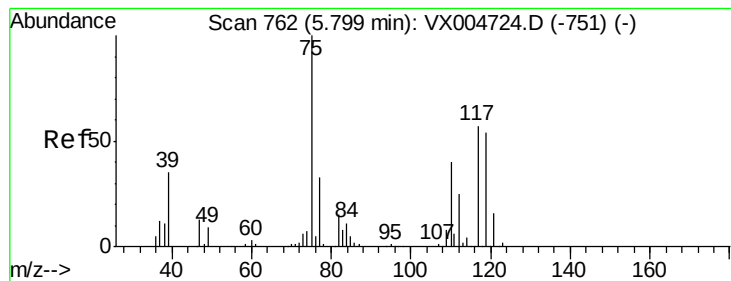
#35
 Dibromofluoromethane
 Concen: 47.680 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX004798.D
 Acq: 28 Sep 2018 02:50

Tgt Ion:113 Resp: 153739
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.4 123.6
 192 23.3 19.4 29.2



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: 3.414 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX004798.D

Acq: 28 Sep 2018 02:50

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-EB03-20180919

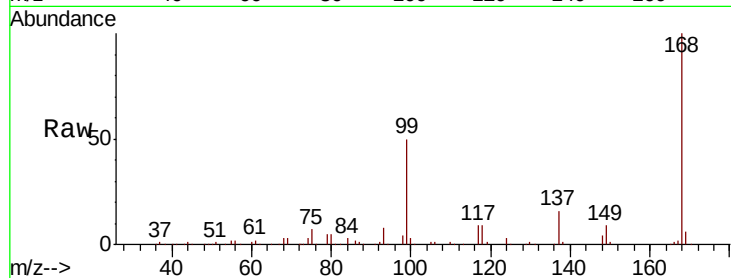
Tot Ion: 75 Resp: 15018

Ion Ratio Lower Upper

75 100

110 10.2 18.0 54.0#

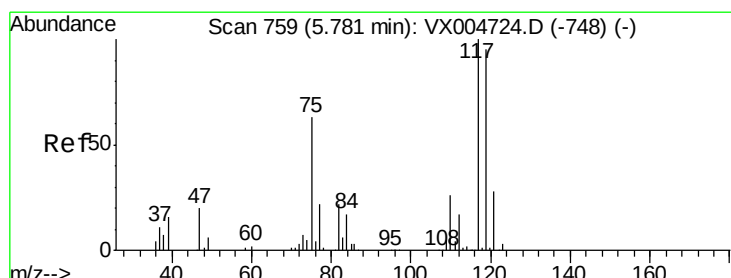
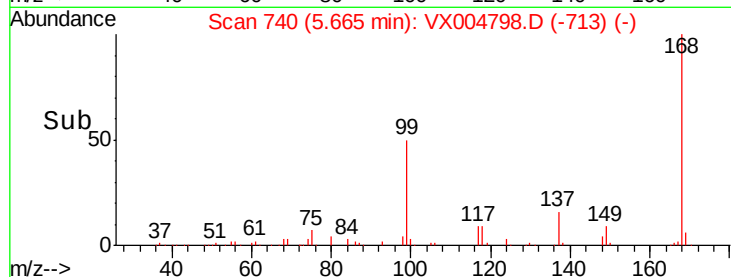
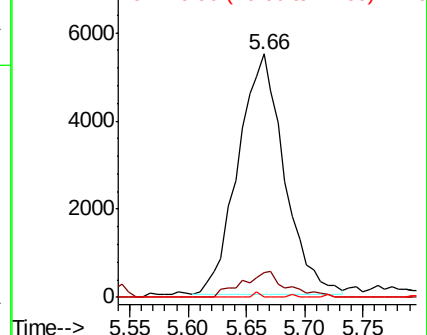
77 0.3 24.6 36.8#



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: 4.457 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX004798.D

Acq: 28 Sep 2018 02:50

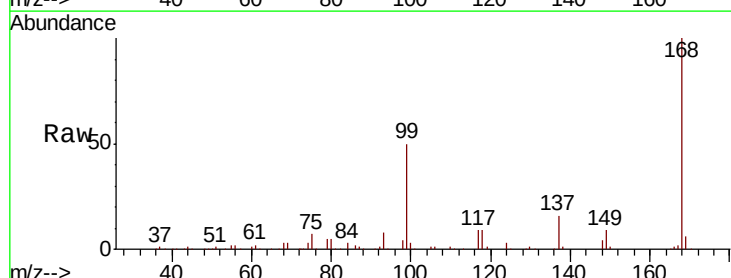
Tgt Ion: 117 Resp: 20612

Ion Ratio Lower Upper

117 100

119 6.1 78.8 118.2#

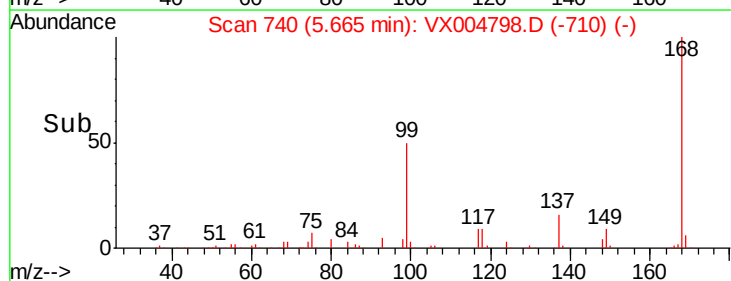
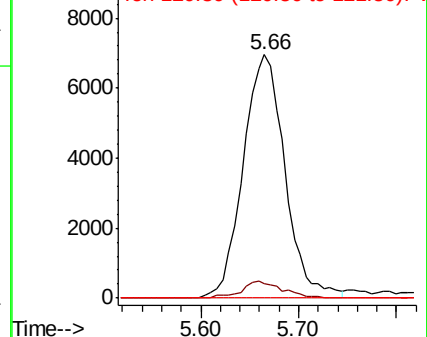
121 0.0 24.9 37.3#

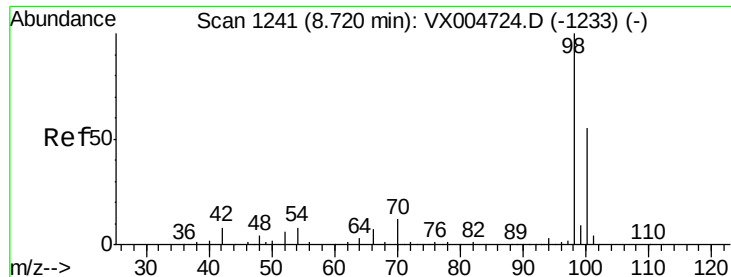


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

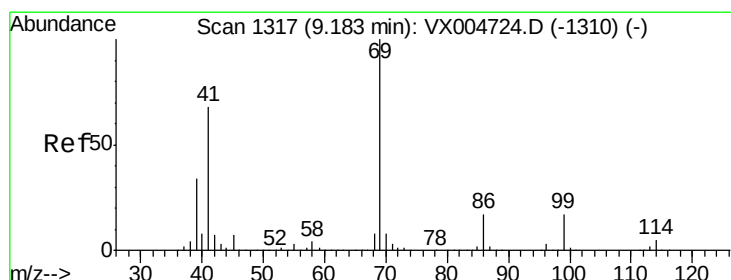
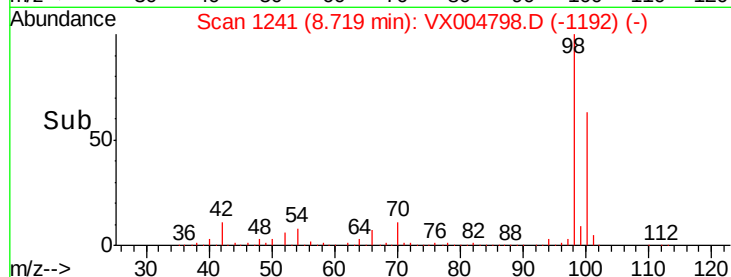
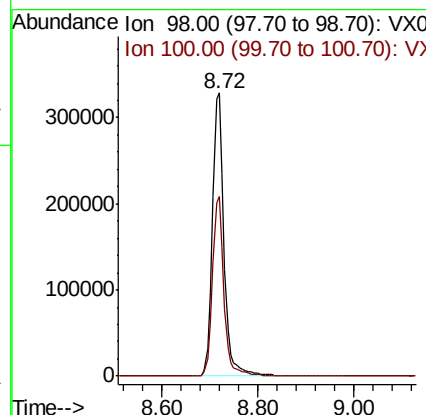
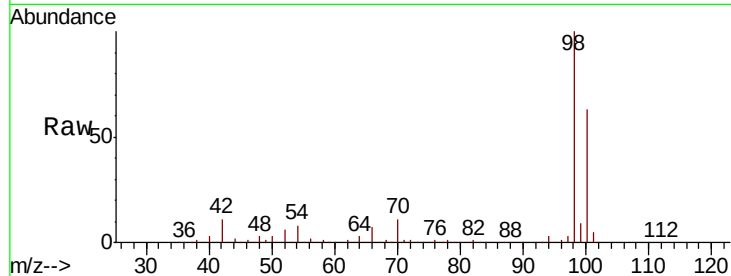




#50
Toluene-d8
Concen: 51.829 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX004798.D
Acq: 28 Sep 2018 02:50

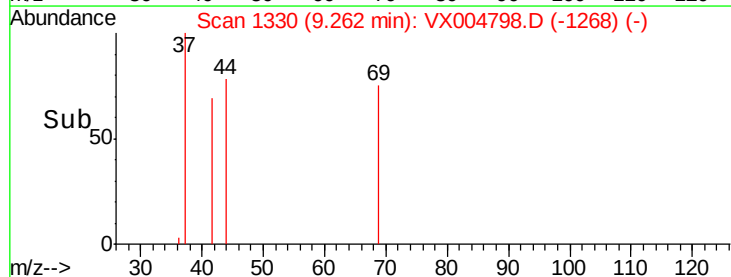
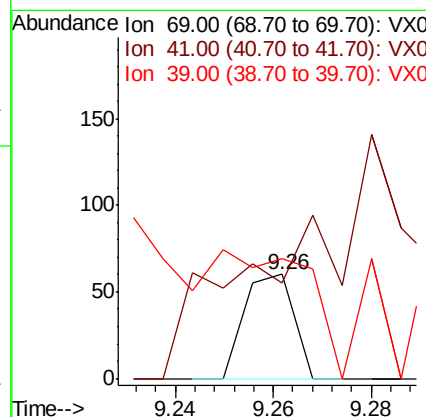
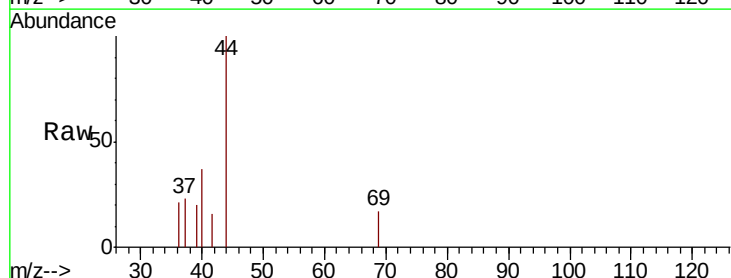
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-EB03-20180919

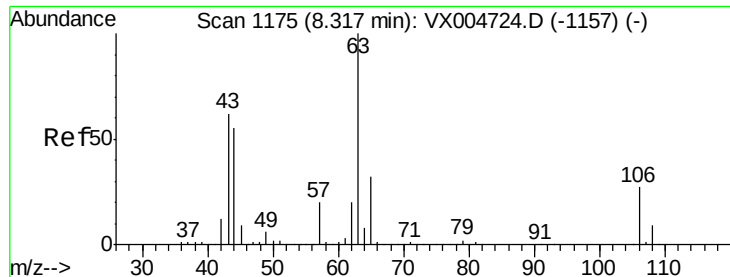
Tot Ion: 98 Resp: 555575
Ion Ratio Lower Upper
98 100
100 63.1 52.9 79.3



#56
Ethyl methacrylate
Concen: 2.869 ug/l
RT: 9.26 min Scan# 1330
Delta R.T. 0.08 min
Lab File: VX004798.D
Acq: 28 Sep 2018 02:50

Tgt Ion: 69 Resp: 42
Ion Ratio Lower Upper
69 100
41 0.0 51.0 76.4#
39 0.0 26.1 39.1#

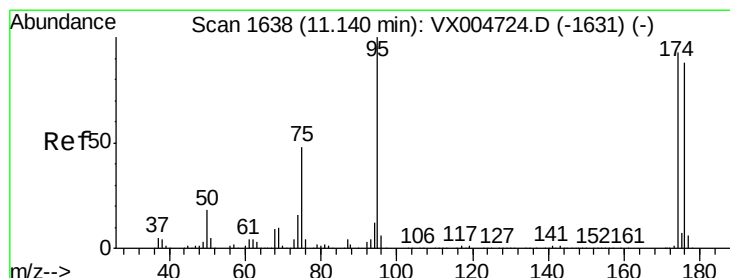
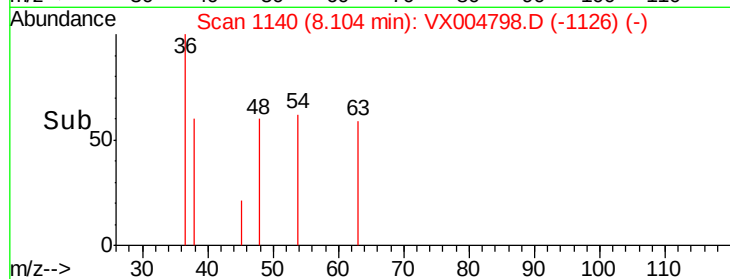
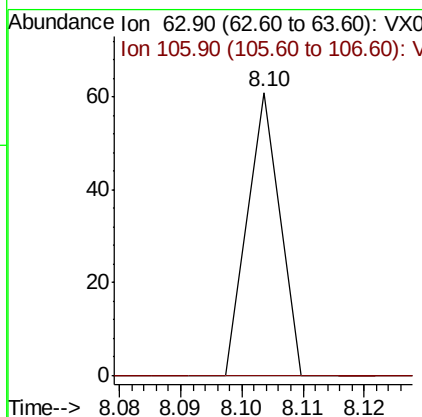
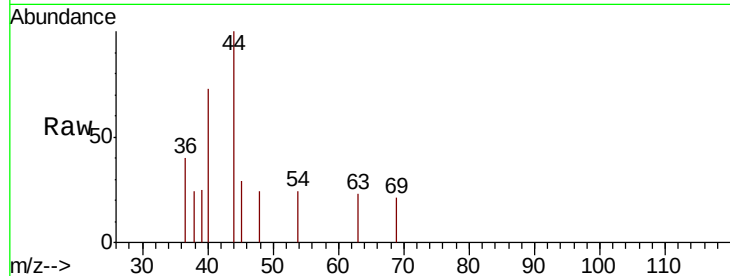




#58
 2-Chloroethyl Vinyl ether
 Concen: 14.249 ug/l
 RT: 8.10 min Scan# 1140
 Delta R.T. -0.21 min
 Lab File: VX004798.D
 Acq: 28 Sep 2018 02:50

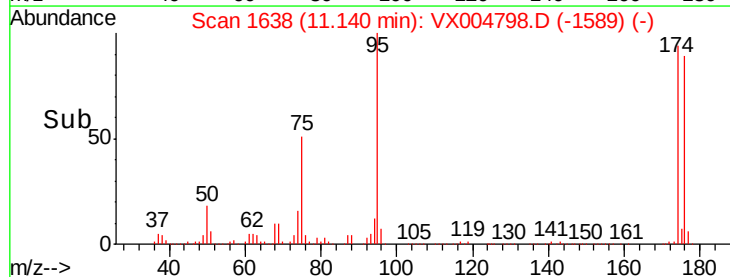
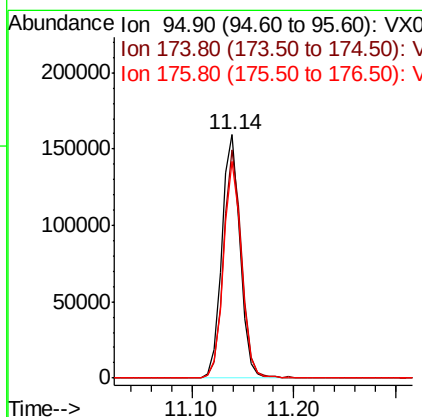
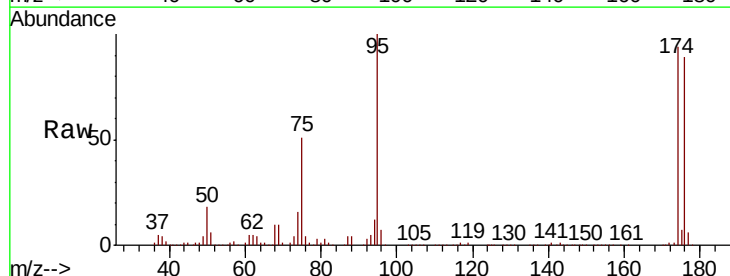
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-EB03-20180919

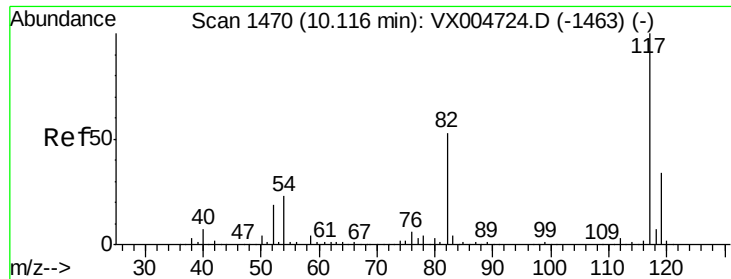
Tot Ion: 63 Resp: 22
 Ion Ratio Lower Upper
 63 100
 106 0.0 23.9 35.9#



#62
 4-Bromofluorobenzene
 Concen: 51.890 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: VX004798.D
 Acq: 28 Sep 2018 02:50

Tgt Ion: 95 Resp: 200384
 Ion Ratio Lower Upper
 95 100
 174 91.8 0.0 185.2
 176 87.7 0.0 178.6

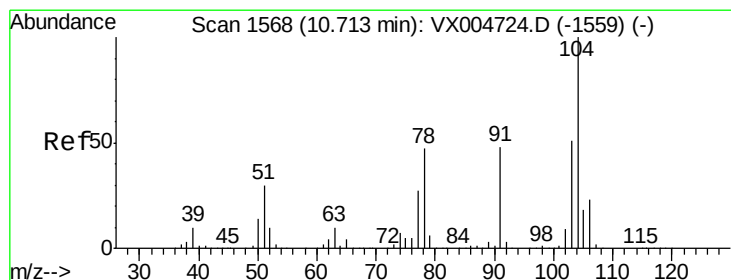
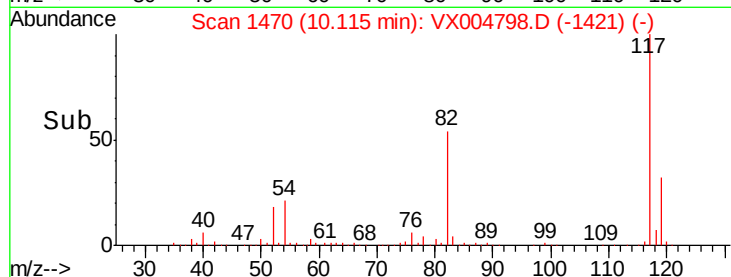
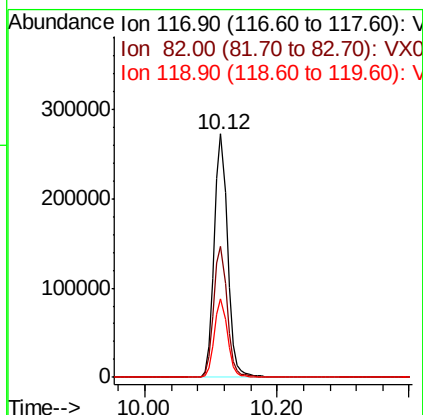
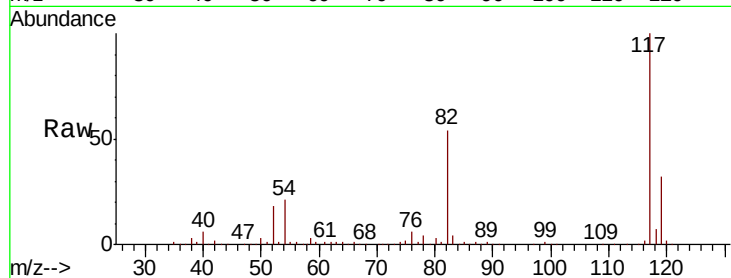




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004798.D
Acq: 28 Sep 2018 02:50

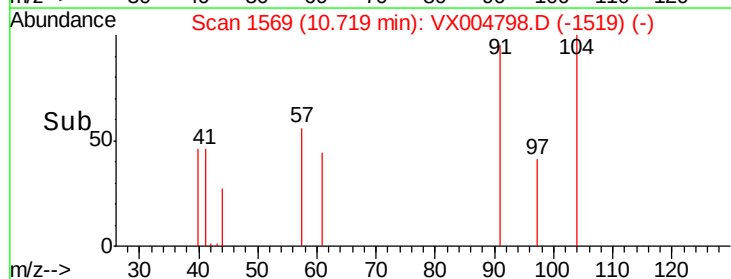
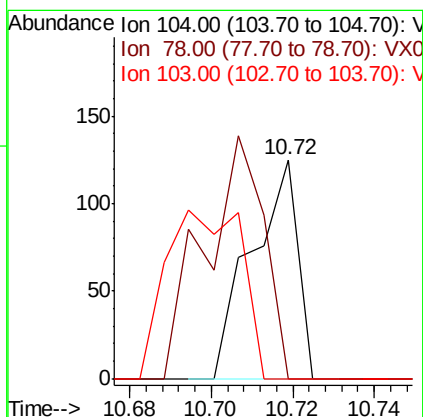
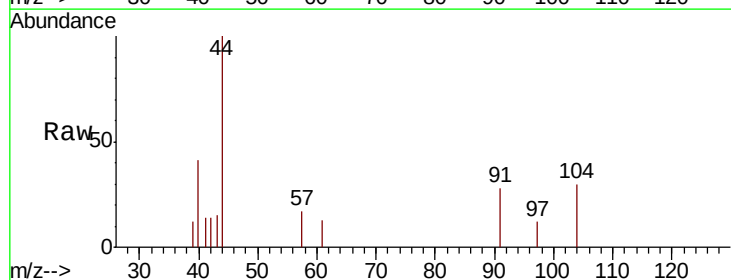
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-EB03-20180919

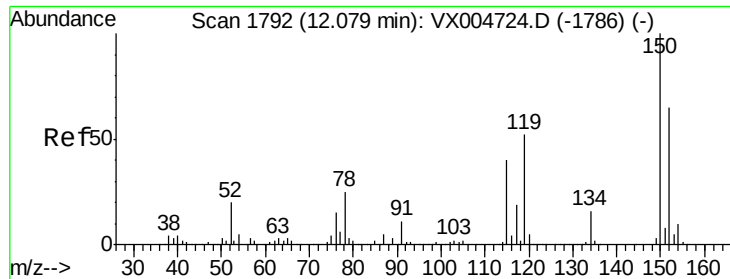
Tot Ion:117 Resp: 378240
Ion Ratio Lower Upper
117 100
82 53.8 47.8 71.6
119 32.5 29.3 43.9



#70
Styrene
Concen: 2.150 ug/l
RT: 10.72 min Scan# 1569
Delta R.T. 0.01 min
Lab File: VX004798.D
Acq: 28 Sep 2018 02:50

Tgt Ion:104 Resp: 99
Ion Ratio Lower Upper
104 100
78 140.4 37.4 56.0#
103 0.0 43.8 65.6#



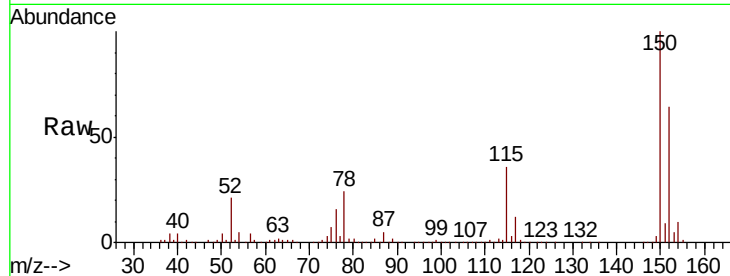


#72

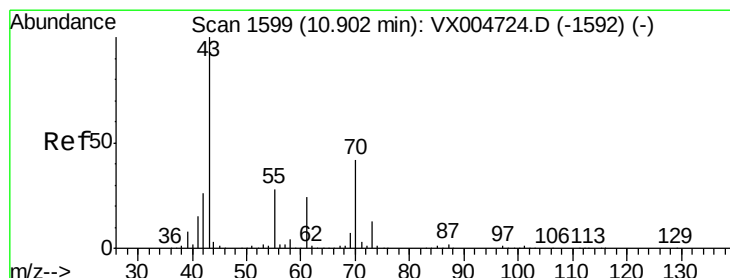
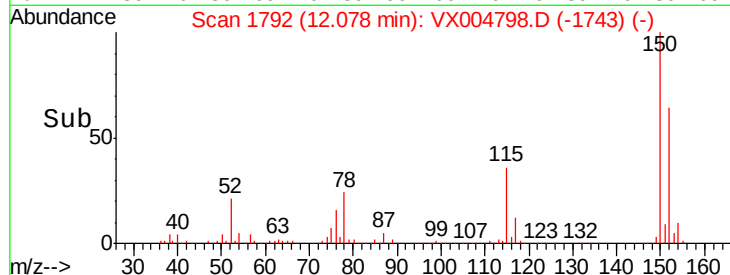
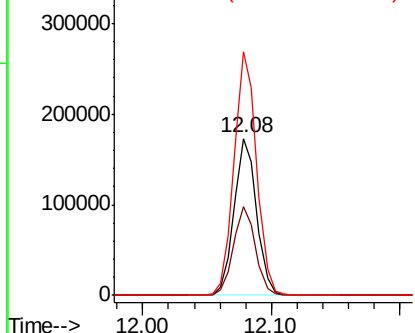
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004798.D
Acq: 28 Sep 2018 02:50

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-EB03-20180919

Tot Ion:152 Resp: 210315
Ion Ratio Lower Upper
152 100
115 55.8 39.0 117.0
150 156.4 0.0 351.0



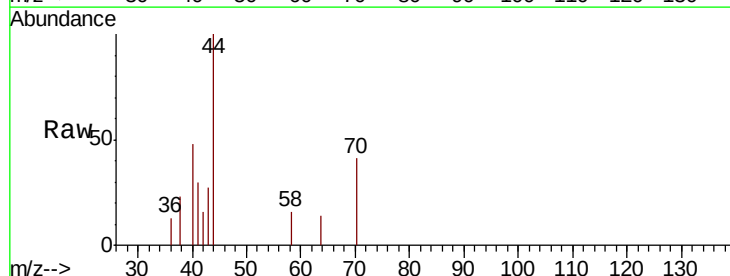
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



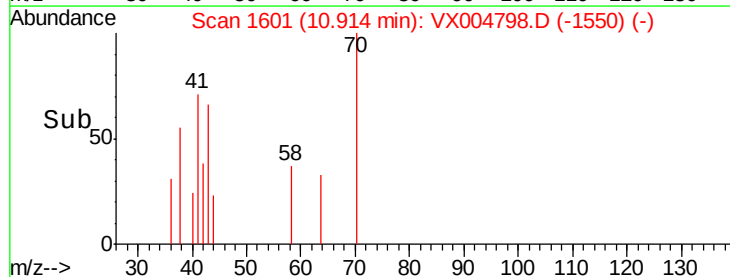
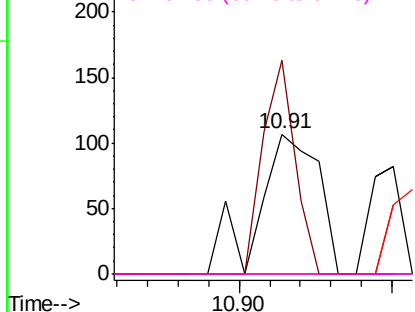
#74

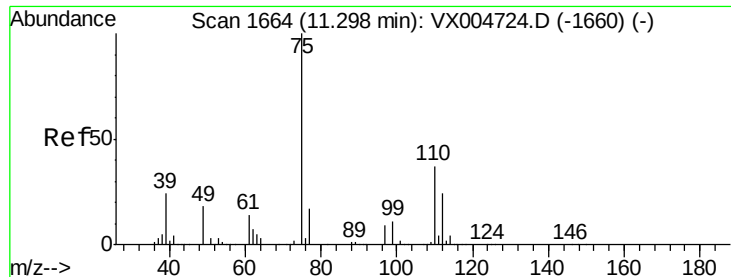
N-ethyl acetate
Concen: 1.767 ug/l
RT: 10.91 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VX004798.D
Acq: 28 Sep 2018 02:50

Tgt Ion: 43 Resp: 147
Ion Ratio Lower Upper
43 100
70 81.6 37.4 56.0#
55 0.0 21.8 32.8#
61 0.0 20.6 30.8#



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: 21.248 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX004798.D

Acq: 28 Sep 2018 02:50

Instrument :

MSVOA_X

ClientSampleId :

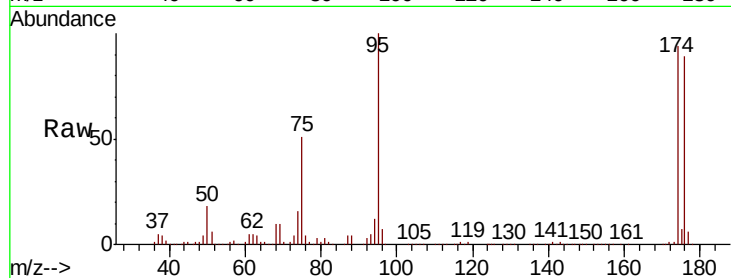
BP-TT-EB03-20180919

Tot Ion: 75 Resp: 100161

Ion Ratio Lower Upper

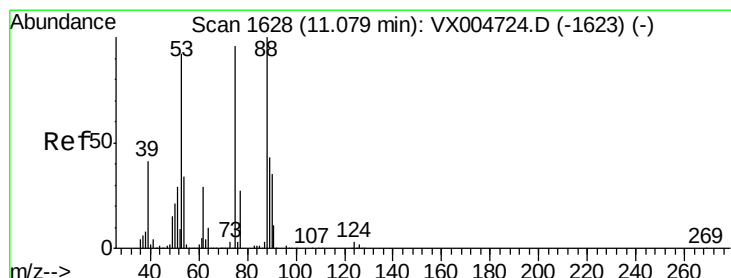
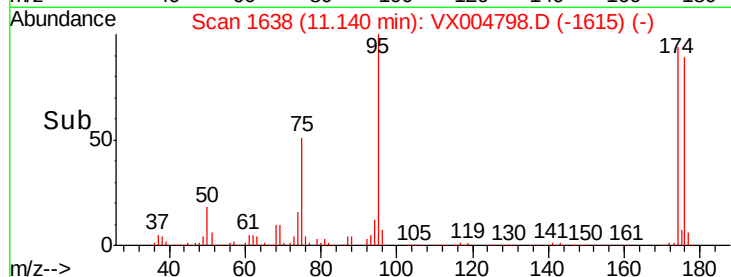
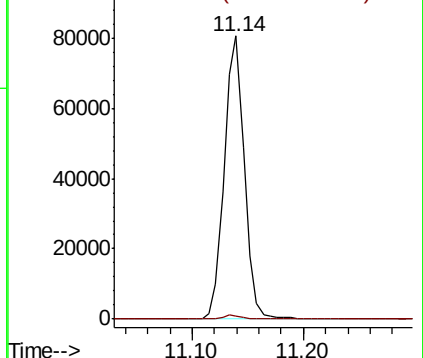
75 100

77 1.4 20.2 60.6#



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: 57.635 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.06 min

Lab File: VX004798.D

Acq: 28 Sep 2018 02:50

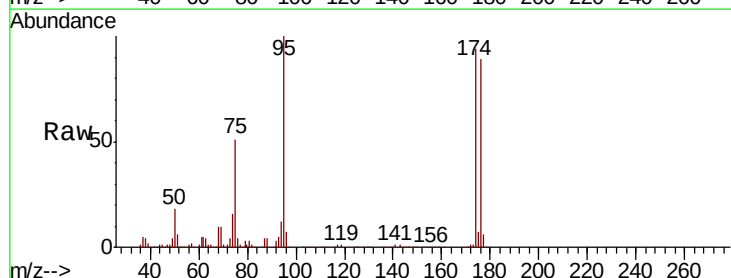
Tgt Ion: 75 Resp: 100161

Ion Ratio Lower Upper

75 100

53 0.2 80.1 120.1#

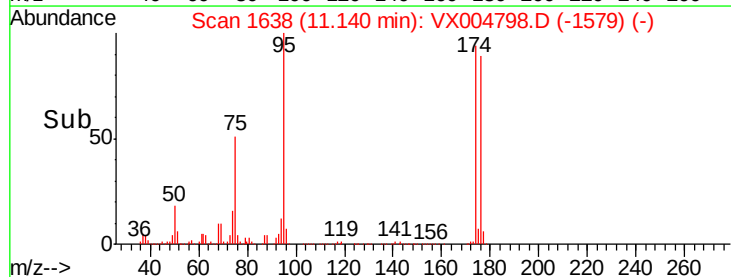
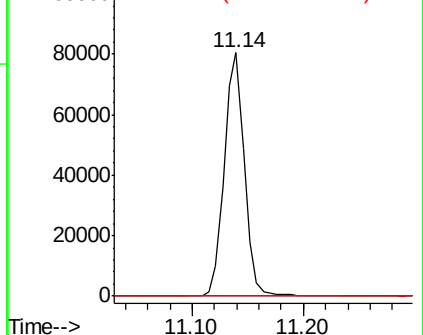
89 0.0 37.2 55.8#

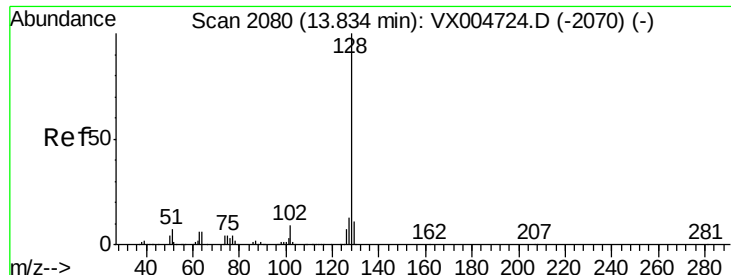


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#95
Naphthalene
Concen: 0.747 ug/l
RT: 13.84 min Scan# 2081
Delta R.T. 0.01 min
Lab File: VX004798.D
Acq: 28 Sep 2018 02:50

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-EB03-20180919

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.2
129	4.5	8.6	12.8#

