

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092618\
 Data File : VX004751.D
 Acq On : 27 Sep 2018 04:11
 Operator : JC/MD
 Sample : J5029-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T11-MW-4-9.0-092018

Quant Time: Sep 27 05:23:44 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	5.67	168	294628	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	421769	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	392107	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	227750	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	198772	47.23	ug/l	0.00
Spiked Amount			Recovery	=	94.46%	
35) Dibromofluoromethane	5.51	113	181258	50.71	ug/l	0.00
Spiked Amount			Recovery	=	101.42%	
50) Toluene-d8	8.72	98	586441	49.35	ug/l	0.00
Spiked Amount			Recovery	=	98.70%	
62) 4-Bromofluorobenzene	11.14	95	222843	52.05	ug/l	0.00
Spiked Amount			Recovery	=	104.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	2479	0.509	ug/l #	83
6) Chloroethane	1.91	64	1063	Below Cal	#	60
11) Tert butyl alcohol	3.07	59	6851	5.822	ug/l #	91
13) Acrolein	2.27	56	672	0.803	ug/l #	1
16) Acetone	2.45	43	97380	39.631	ug/l	93
19) Methyl tert-butyl Ether	3.20	73	25463	2.312	ug/l	97
20) Methylene Chloride	2.86	84	991	Below Cal	#	83
25) 2-Butanone	4.71	43	1092	0.301	ug/l	96
31) Cyclohexane	5.57	56	8860	1.655	ug/l	88
36) 1,1-Dichloropropene	5.66	75	19523	4.003	ug/l #	49
38) Carbon Tetrachloride	5.67	117	24925	4.862	ug/l #	15
39) Methylcyclohexane	7.46	83	4162	0.836	ug/l	90
49) 1,4-Dioxane	7.77	88	51	0.484	ug/l #	1
52) Toluene	8.79	92	4356	0.519	ug/l	93
55) 1,1,2-Trichloroethane	9.16	97	833	0.227	ug/l #	16
56) Ethyl methacrylate	9.17	69	539	2.947	ug/l #	76
58) 2-Chloroethyl Vinyl ether	8.31	63	24	14.249	ug/l #	45
68) m/p-Xylenes	10.36	106	5462	0.876	ug/l	95
70) Styrene	10.71	104	155	2.154	ug/l #	1
73) Isopropylbenzene	11.02	105	68281	4.756	ug/l	99
74) N-amyl acetate	10.94	43	1584	1.942	ug/l #	40
76) 1,2,3-Trichloropropane	11.14	75	108278	21.211	ug/l #	37
78) n-propylbenzene	11.36	91	26815	1.628	ug/l	97
79) 2-Chlorotoluene	11.36	91	26815	2.612	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.51	105	1446	Below Cal		83
81) trans-1,4-Dichloro-2-buten	11.14	75	108278	57.539	ug/l #	10
82) 4-Chlorotoluene	11.66	91	2434	0.201	ug/l #	44
83) tert-Butylbenzene	11.77	119	21658	1.832	ug/l	89
84) 1,2,4-Trimethylbenzene	11.66	105	16304	1.008	ug/l	77
85) sec-Butylbenzene	11.94	105	67078	4.659	ug/l	97
86) p-Isopropyltoluene	12.23	119	42705	3.274	ug/l	97
89) n-Butylbenzene	12.39	91	12777	1.079	ug/l	96
90) Hexachloroethane	12.67	117	14262	6.567	ug/l #	3
92) 1,2-Dibromo-3-Chloropropan	12.97	75	2053	1.600	ug/l #	1

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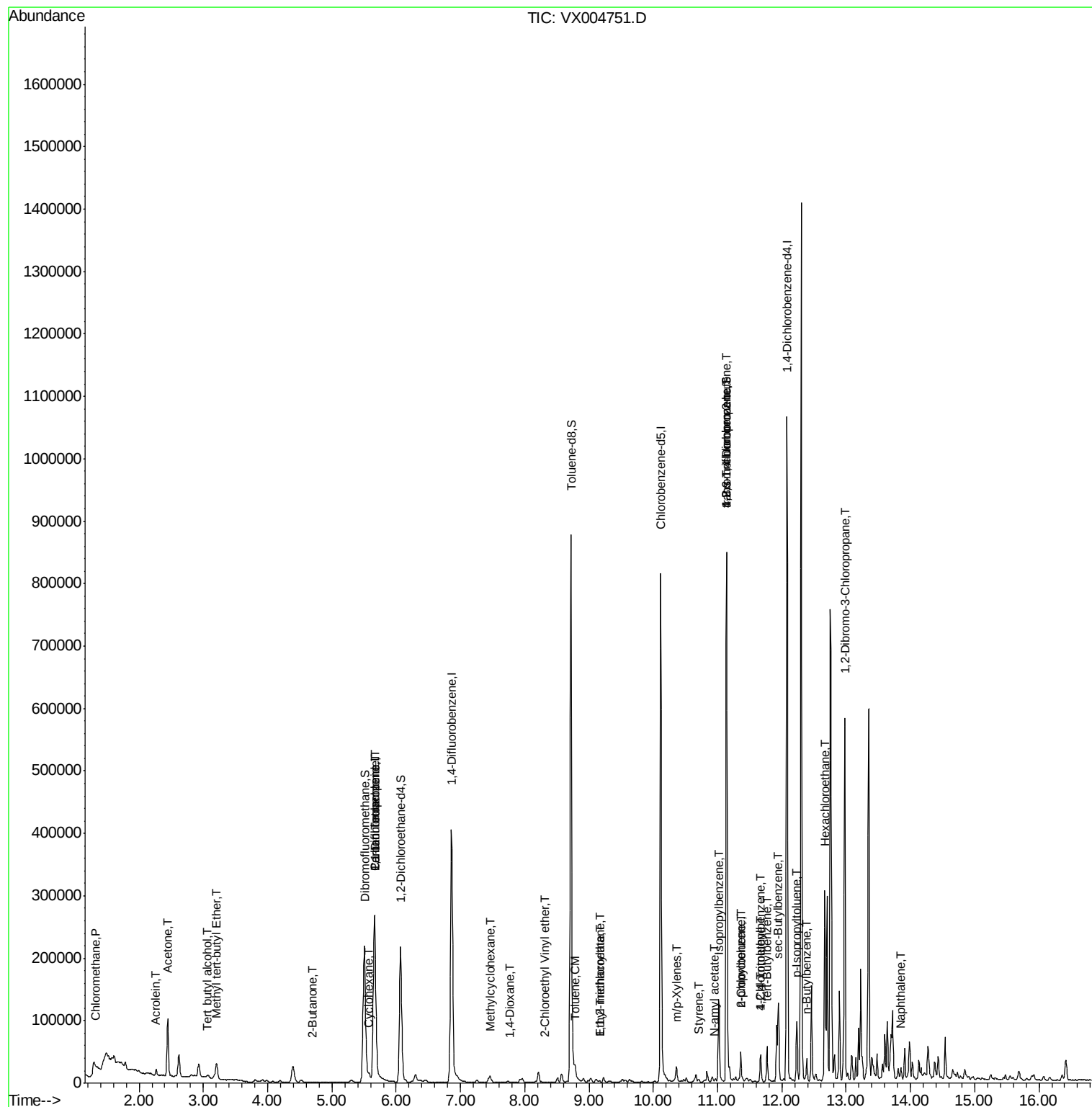
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	13.83	128	2100	0.829	ug/l #	68

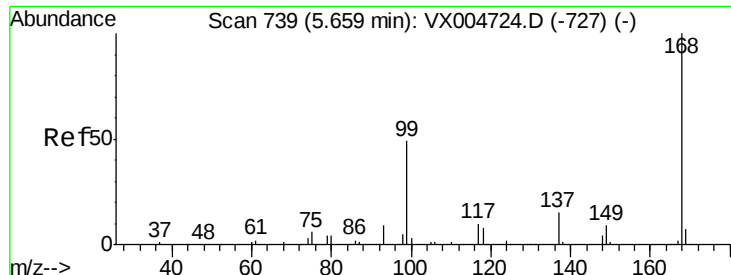
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004751.D

Acq: 27 Sep 2018 04:11

Instrument :

MSVOA_X

ClientSampleId :

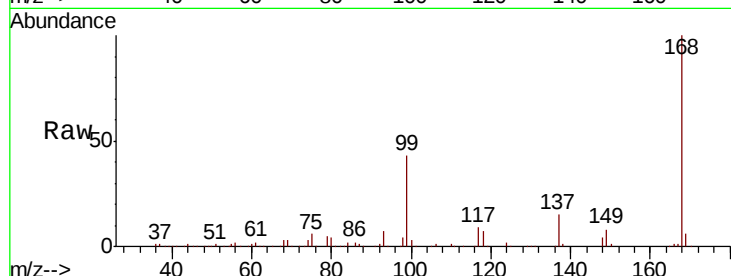
T11-MW-4-9.0-092018

Tot Ion:168 Resp: 294628

Ion Ratio Lower Upper

168 100

99 43.5 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

60000

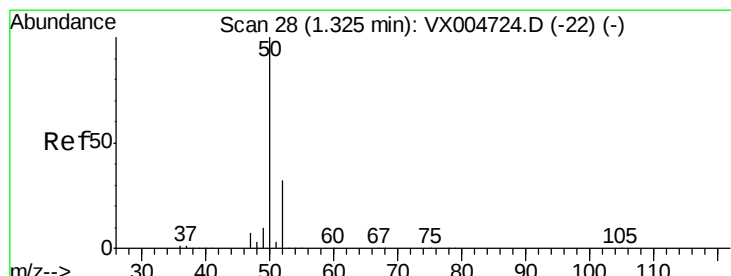
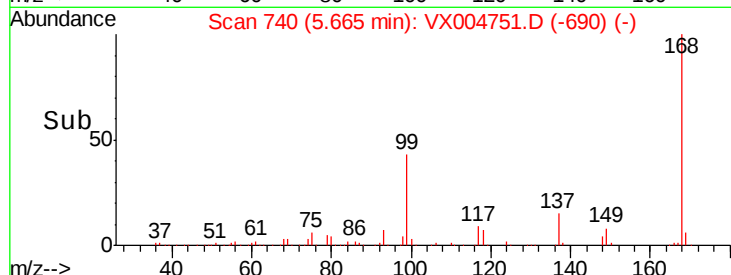
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#3

Chloromethane

Concen: 0.509 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX004751.D

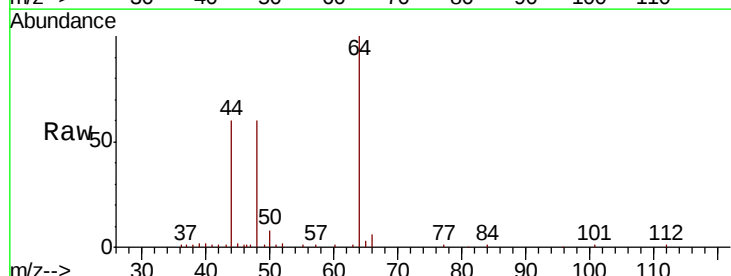
Acq: 27 Sep 2018 04:11

Tgt Ion: 50 Resp: 2479

Ion Ratio Lower Upper

50 100

52 23.4 26.2 39.2#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

1000

800

600

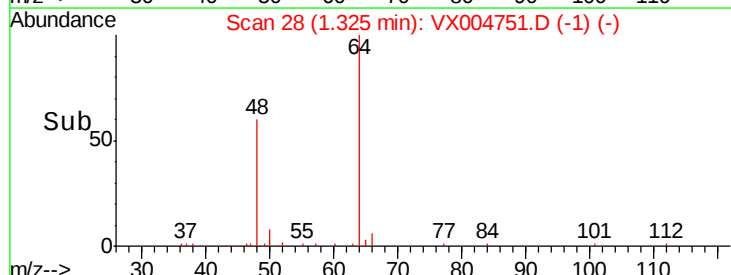
400

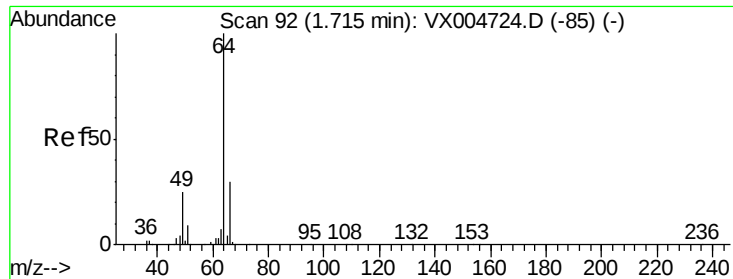
200

0

Time-->

1.20 1.25 1.30 1.35 1.40





#6

Chloroethane

Concen: Below Cal

RT: 1.91 min Scan# 124

Delta R.T. 0.20 min

Lab File: VX004751.D

Acq: 27 Sep 2018 04:11

Instrument :

MSVOA_X

ClientSampleId :

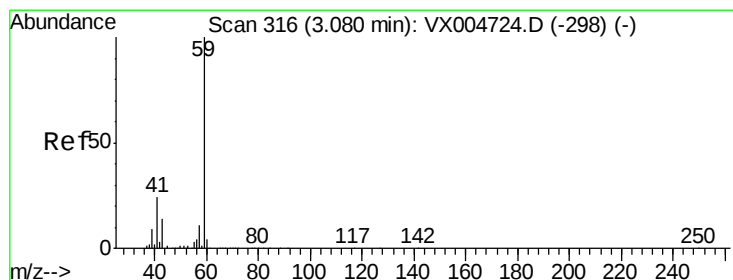
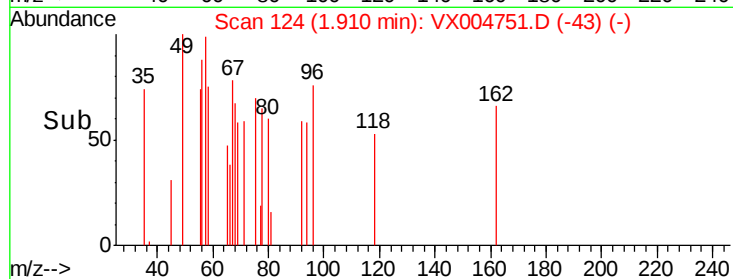
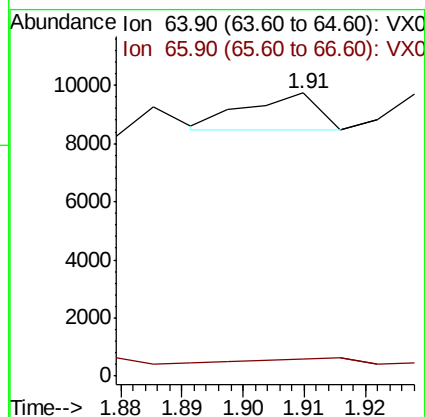
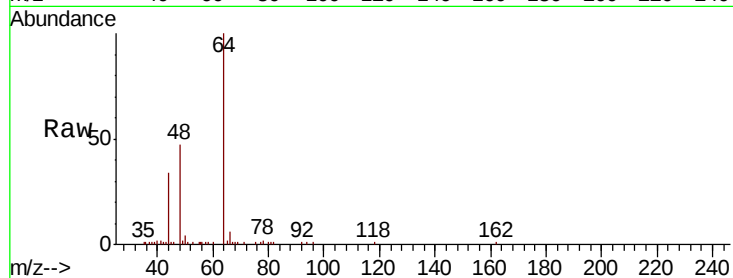
T11-MW-4-9.0-092018

Tot Ion: 64 Resp: 1063

Ion Ratio Lower Upper

64 100

66 8.9 24.6 36.8#



#11

Tert butyl alcohol

Concen: 5.822 ug/l

RT: 3.07 min Scan# 314

Delta R.T. -0.01 min

Lab File: VX004751.D

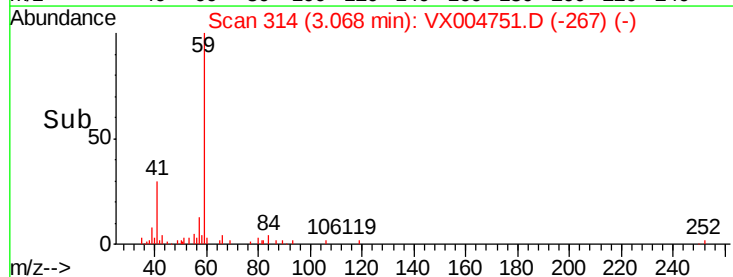
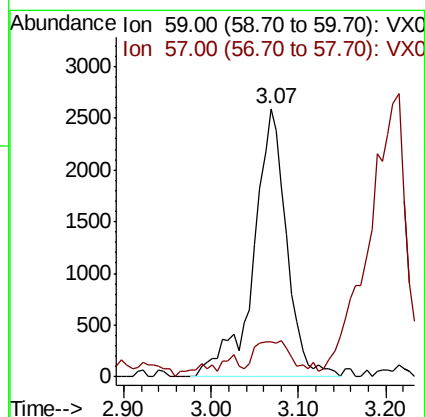
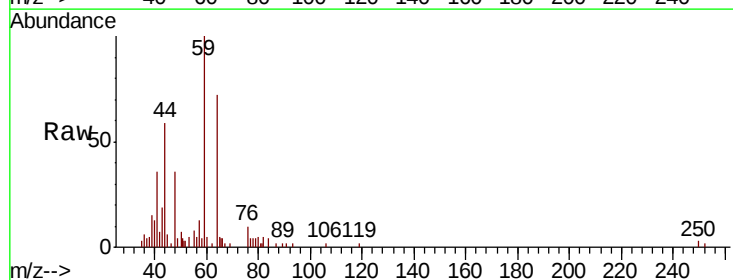
Acq: 27 Sep 2018 04:11

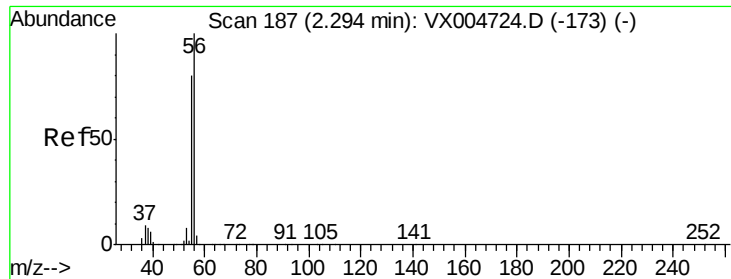
Tgt Ion: 59 Resp: 6851

Ion Ratio Lower Upper

59 100

57 13.6 8.2 12.4#





#13

Acrolein

Concen: 0.803 ug/l

RT: 2.27 min Scan# 183

Delta R.T. -0.02 min

Lab File: VX004751.D

Acq: 27 Sep 2018 04:11

Instrument :

MSVOA_X

ClientSampleId :

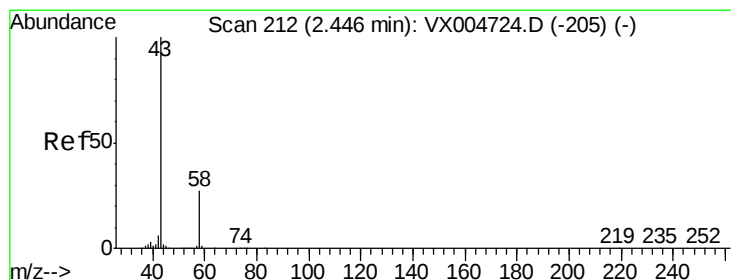
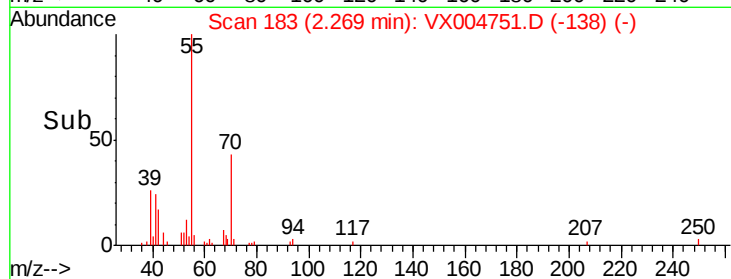
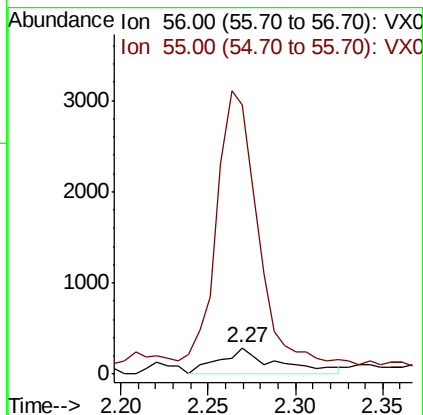
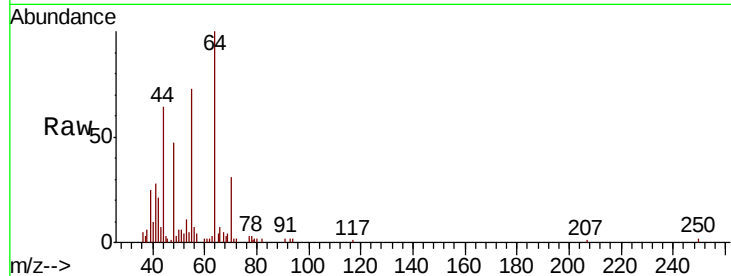
T11-MW-4-9.0-092018

Tot Ion: 56 Resp: 672

Ion Ratio Lower Upper

56 100

55 726.9 54.7 82.1#



#16

Acetone

Concen: 39.631 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX004751.D

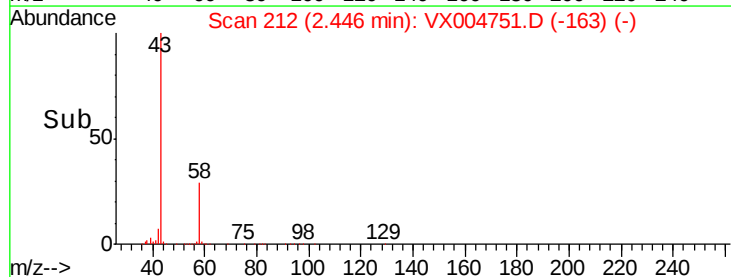
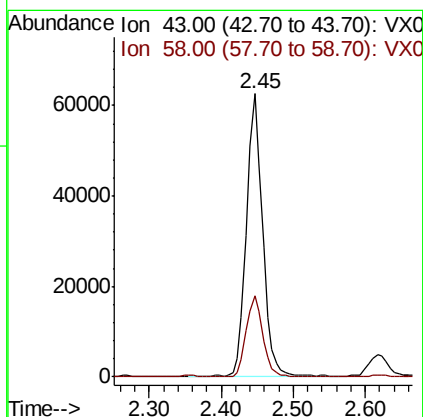
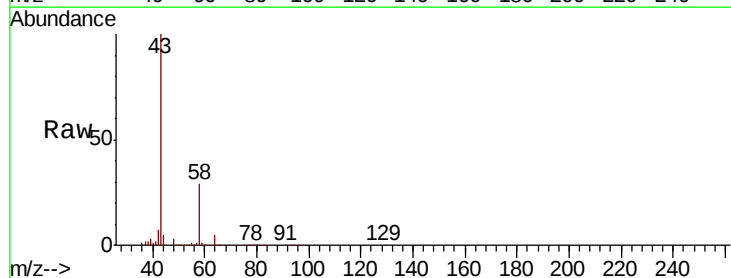
Acq: 27 Sep 2018 04:11

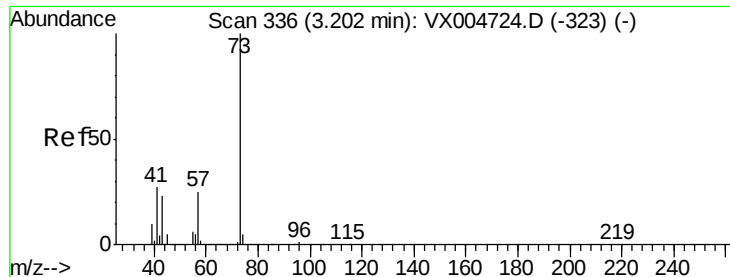
Tgt Ion: 43 Resp: 97380

Ion Ratio Lower Upper

43 100

58 28.6 26.2 39.4



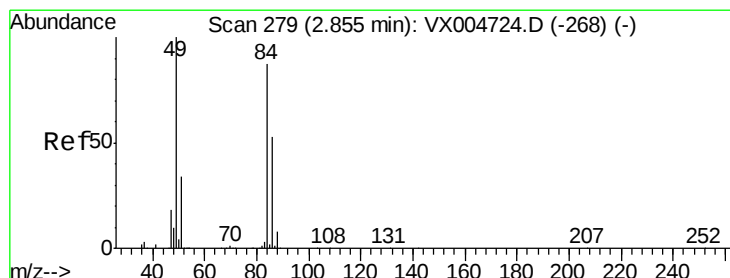
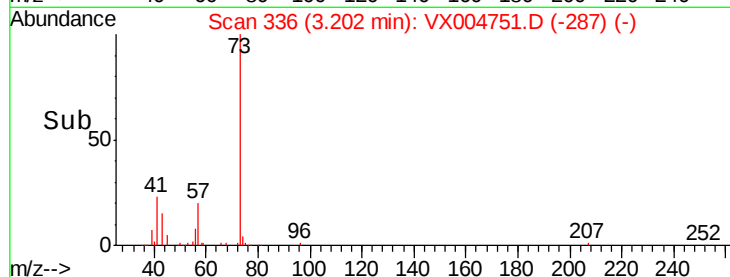
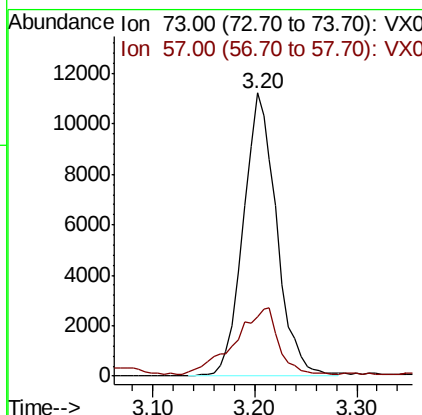
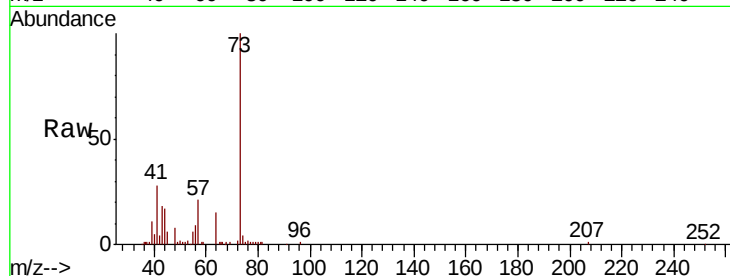


#19

Methyl tert-butyl Ether
 Concen: 2.312 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX004751.D
 Acq: 27 Sep 2018 04:11

Instrument :
 MSVOA_X
 ClientSampleId :
 T11-MW-4-9.0-092018

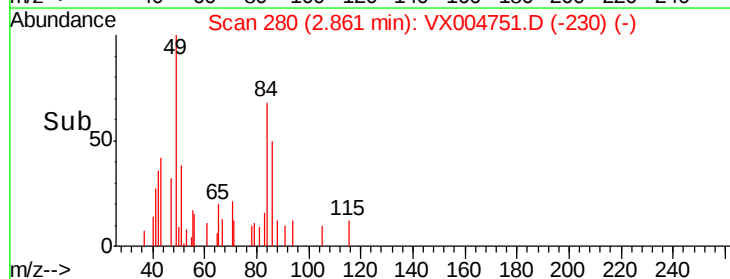
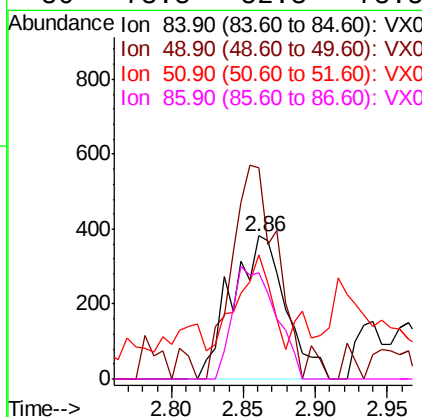
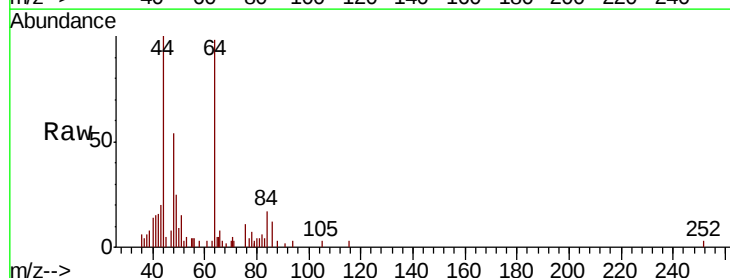
Tot Ion: 73 Resp: 25463
 Ion Ratio Lower Upper
 73 100
 57 20.1 17.1 25.7

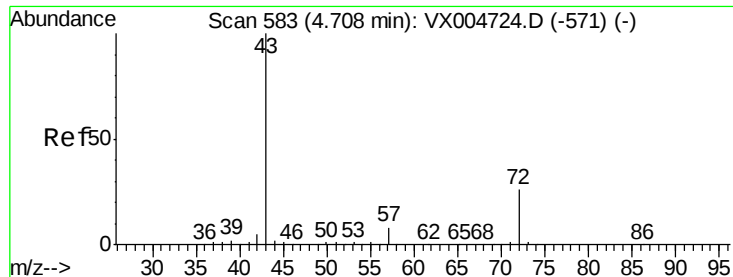


#20

Methylene Chloride
 Concen: Below Cal
 RT: 2.86 min Scan# 280
 Delta R.T. 0.01 min
 Lab File: VX004751.D
 Acq: 27 Sep 2018 04:11

Tgt Ion: 84 Resp: 991
 Ion Ratio Lower Upper
 84 100
 49 147.6 101.2 151.8
 51 50.3 29.5 44.3#
 86 73.8 52.3 78.5

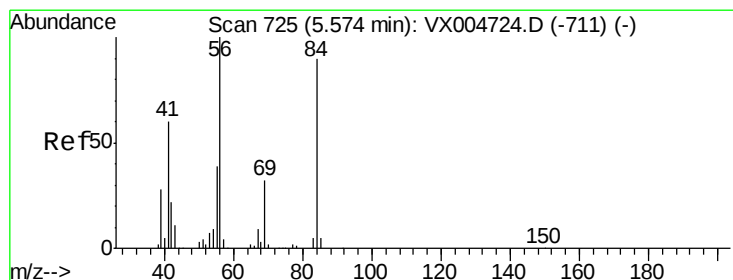
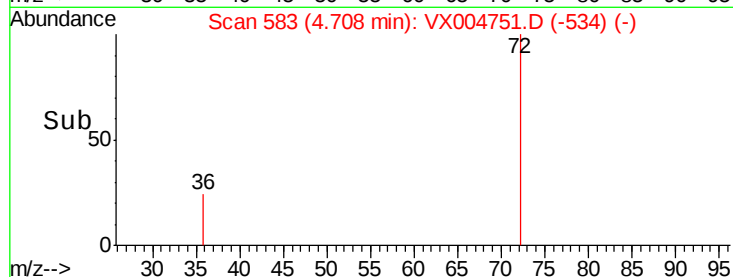
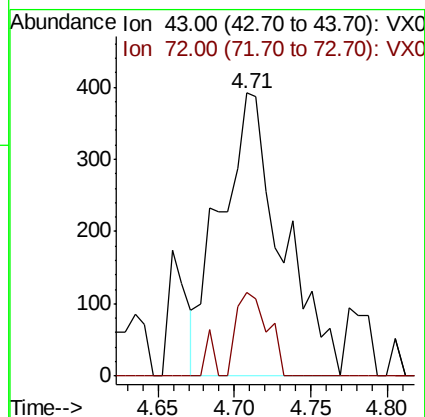
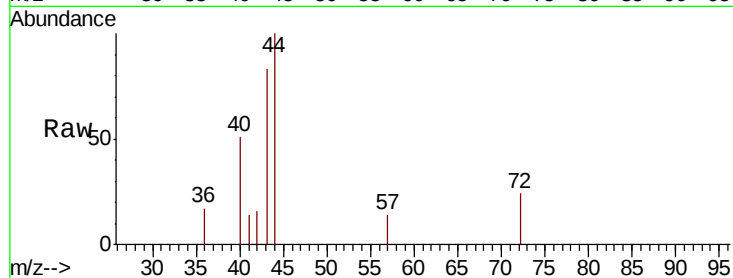




#25
2-Butanone
Concen: 0.301 ug/l
RT: 4.71 min Scan# 583
Delta R.T. -0.00 min
Lab File: VX004751.D
Acq: 27 Sep 2018 04:11

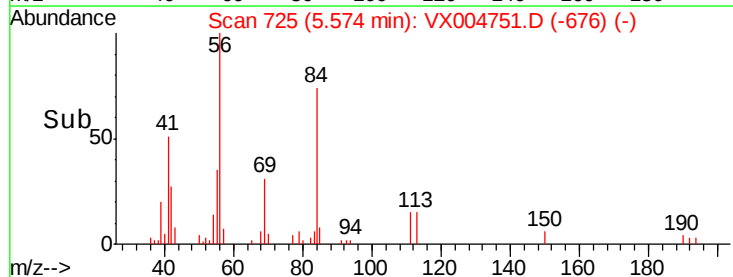
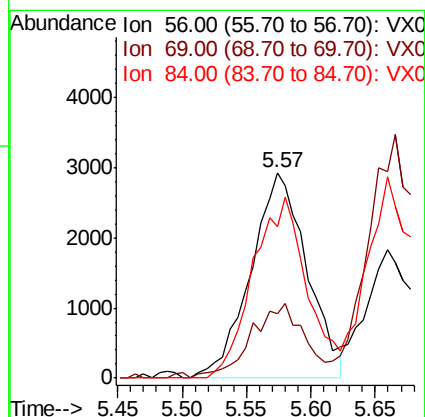
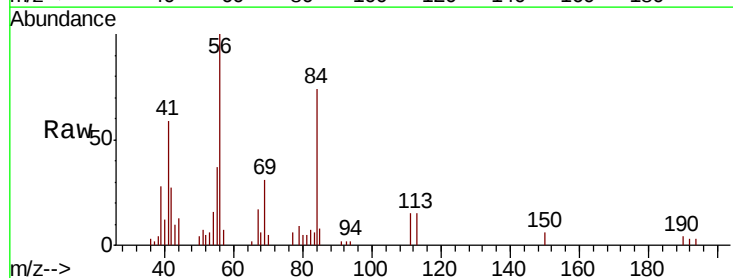
Instrument :
MSVOA_X
ClientSampleId :
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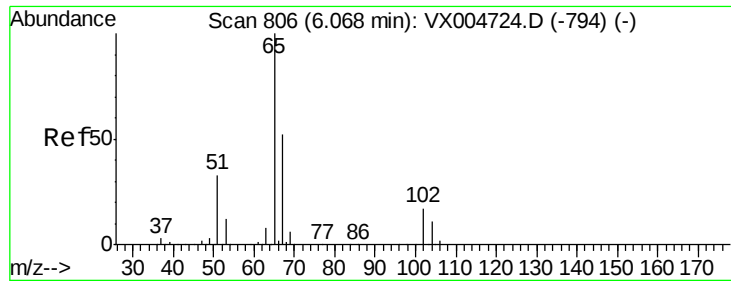
Tot Ion: 43 Resp: 1092
Ion Ratio Lower Upper
43 100
72 29.3 22.0 33.0



#31
Cyclohexane
Concen: 1.655 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX004751.D
Acq: 27 Sep 2018 04:11

Tgt Ion: 56 Resp: 8860
Ion Ratio Lower Upper
56 100
69 31.4 25.4 38.2
84 73.7 71.4 107.2





#33

1,2-Dichloroethane-d4

Concen: 47.228 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004751.D

Acq: 27 Sep 2018 04:11

Instrument :

MSVOA_X

ClientSampleId :

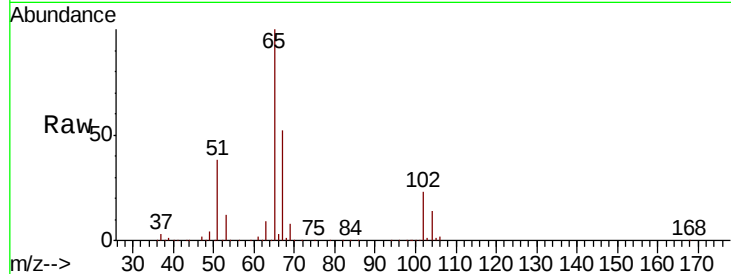
T11-MW-4-9.0-092018

Tot Ion: 65 Resp: 198772

Ion Ratio Lower Upper

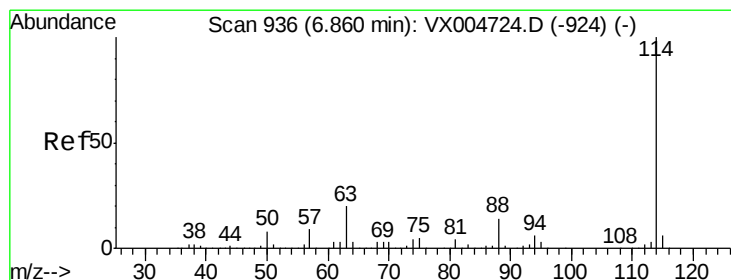
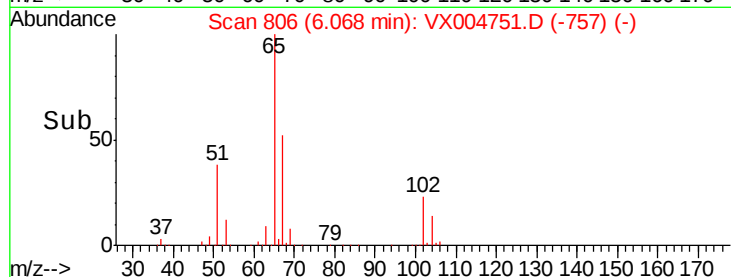
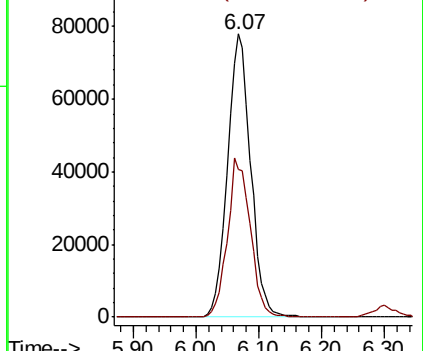
65 100

67 55.6 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: VX004751.D

Acq: 27 Sep 2018 04:11

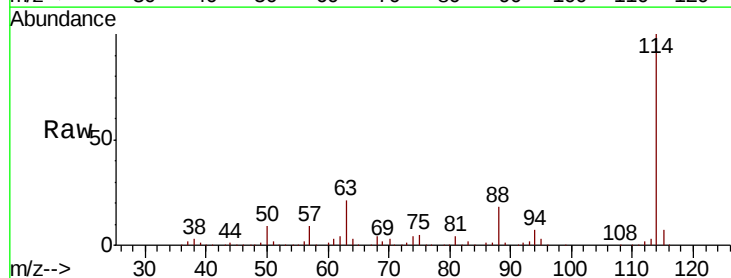
Tgt Ion: 114 Resp: 421769

Ion Ratio Lower Upper

114 100

63 21.4 0.0 39.0

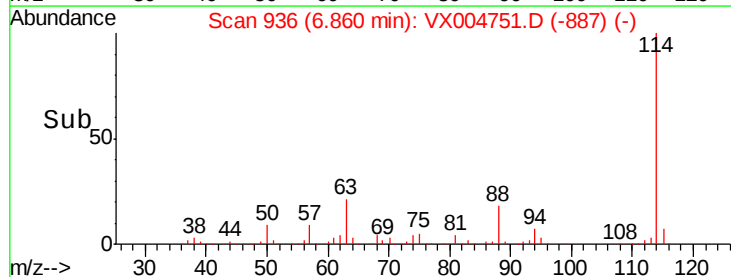
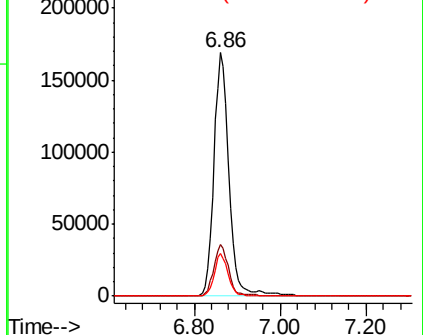
88 17.7 0.0 30.4

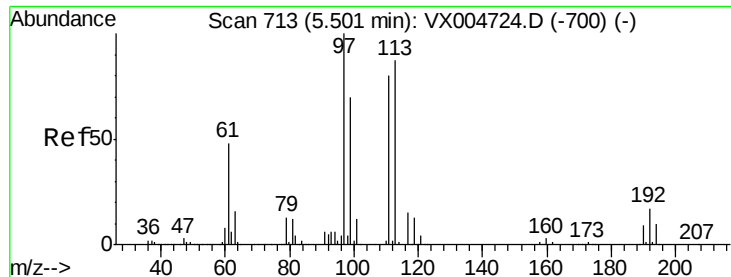


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.708 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX004751.D

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T11-MW-4-9.0-092018

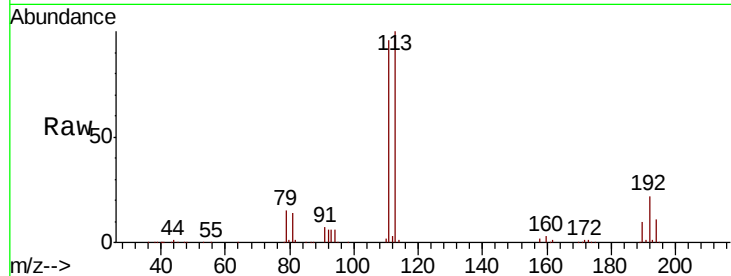
Tot Ion:113 Resp: 181258

Ion Ratio Lower Upper

113 100

111 98.1 82.4 123.6

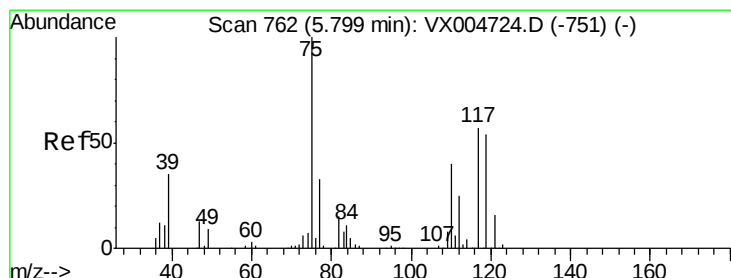
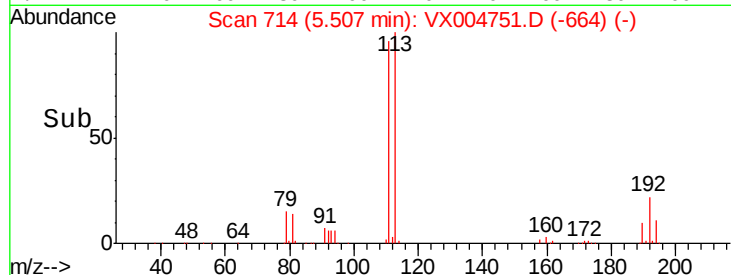
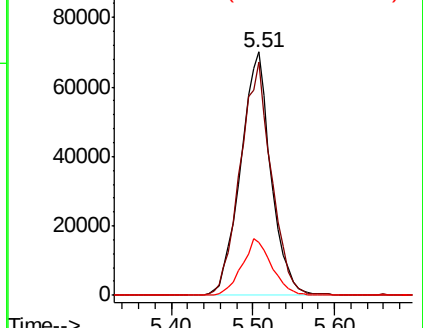
192 22.9 19.4 29.2



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: 4.003 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX004751.D

Acq: 27 Sep 2018 04:11

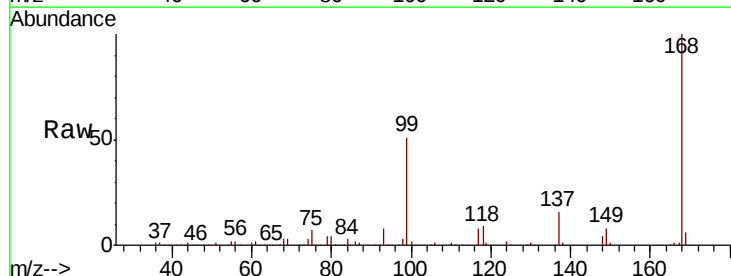
Tgt Ion: 75 Resp: 19523

Ion Ratio Lower Upper

75 100

110 8.2 18.0 54.0#

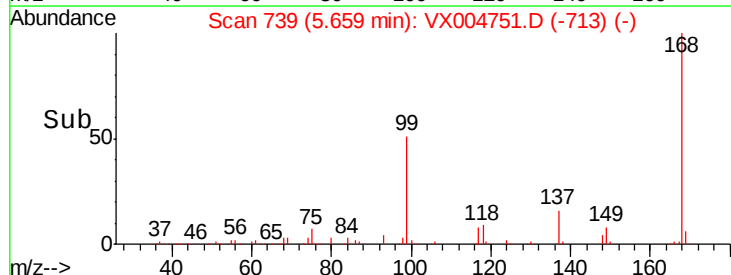
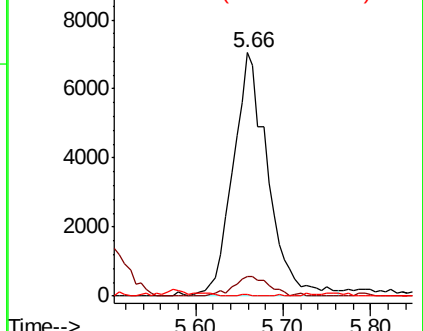
77 0.2 24.6 36.8#

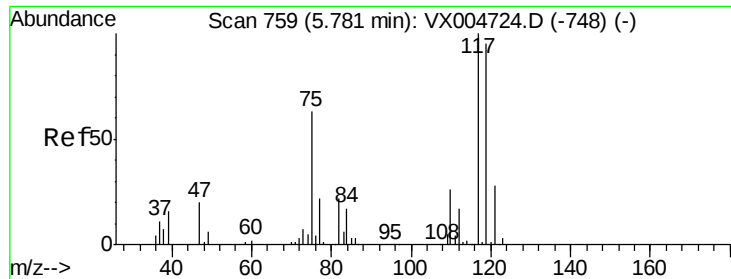


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 4.862 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX004751.D

Acq: 27 Sep 2018 04:11

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-4-9.0-092018

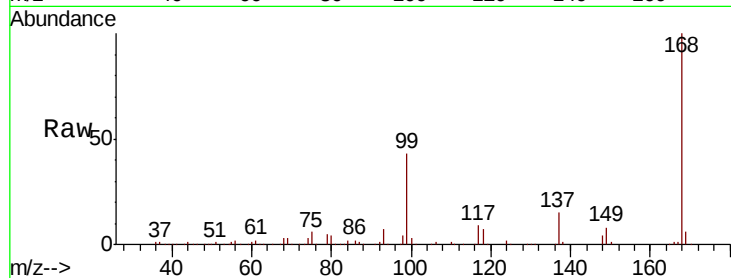
Tot Ion:117 Resp: 24925

Ion Ratio Lower Upper

117 100

119 5.8 78.8 118.2#

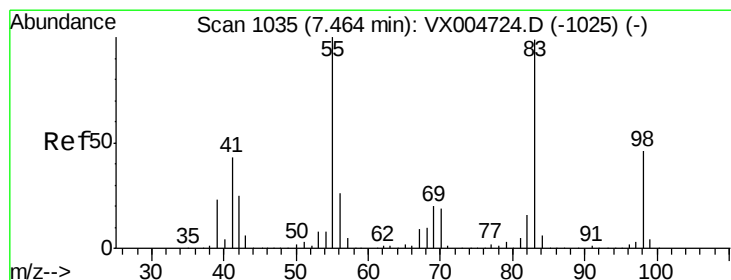
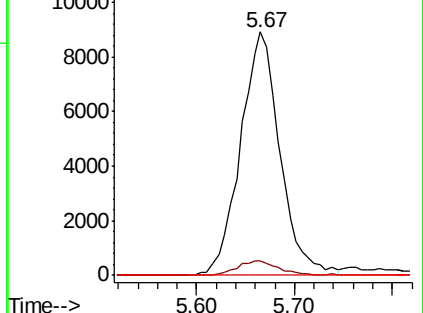
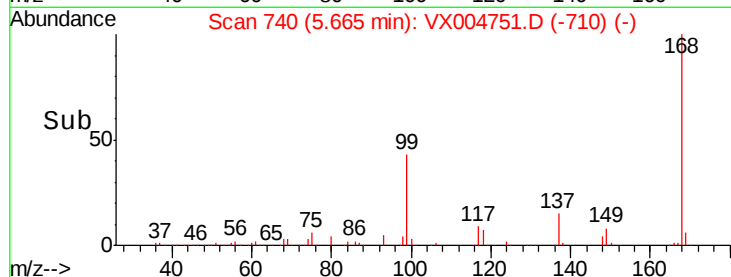
121 0.0 24.9 37.3#



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



#39

Methylcyclohexane

Concen: 0.836 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.01 min

Lab File: VX004751.D

Acq: 27 Sep 2018 04:11

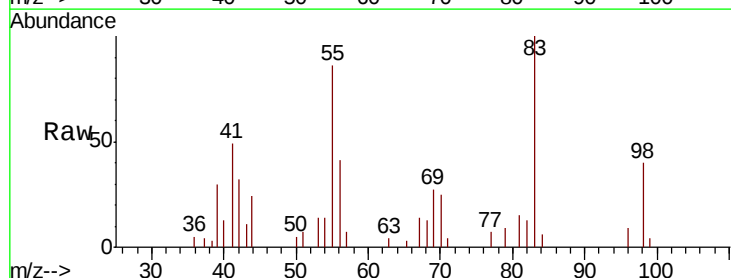
Tgt Ion: 83 Resp: 4162

Ion Ratio Lower Upper

83 100

55 82.6 61.0 91.4

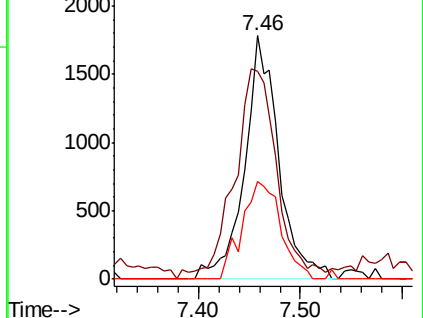
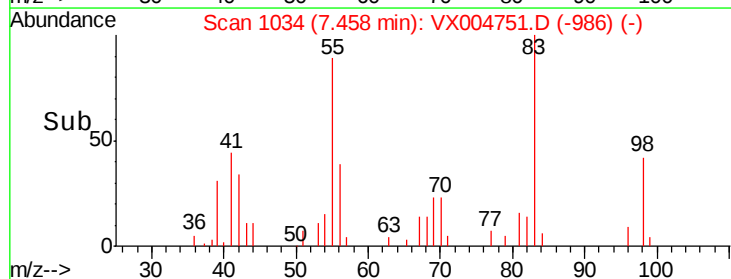
98 40.3 39.6 59.4

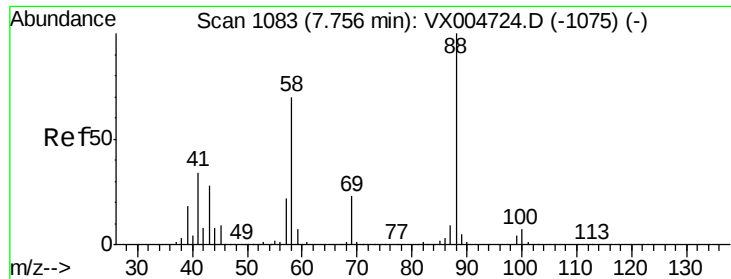


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

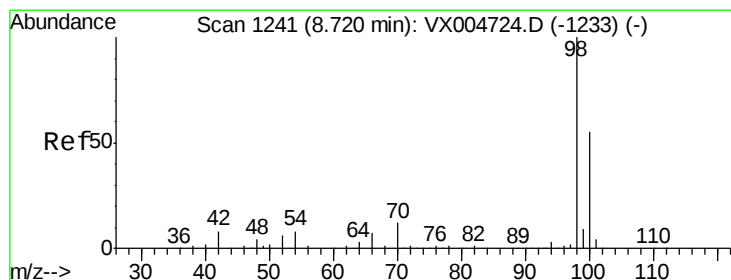
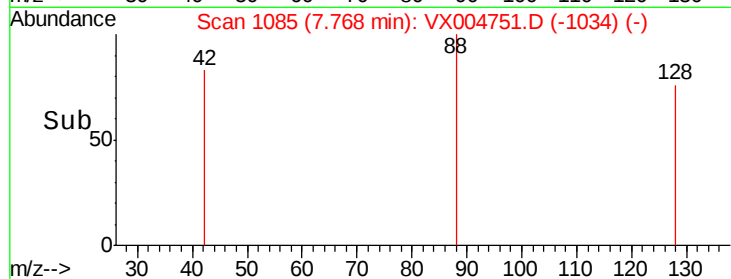
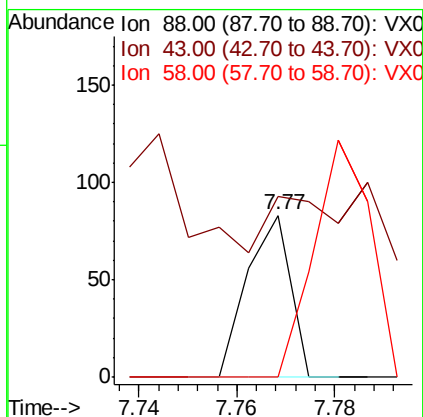
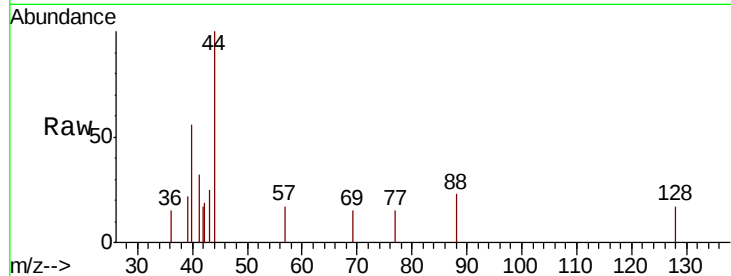




#49
1,4-Dioxane
Concen: 0.484 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. 0.01 min
Lab File: VX004751.D
Acq: 27 Sep 2018 04:11

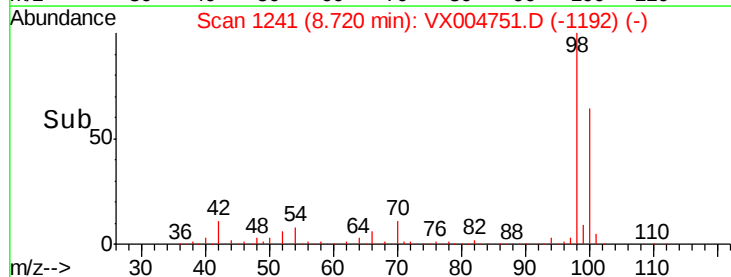
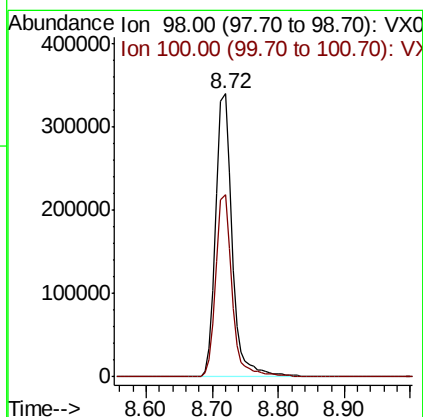
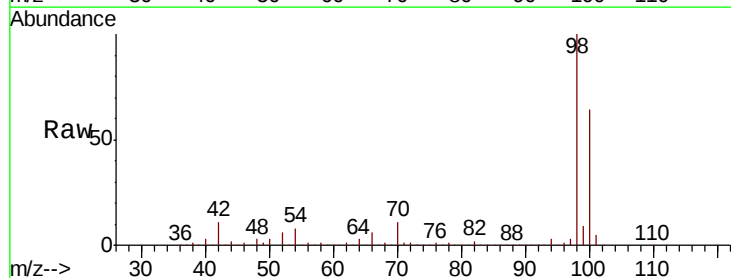
Instrument :
MSVOA_X
ClientSampleId :
T11-MW-4-9.0-092018

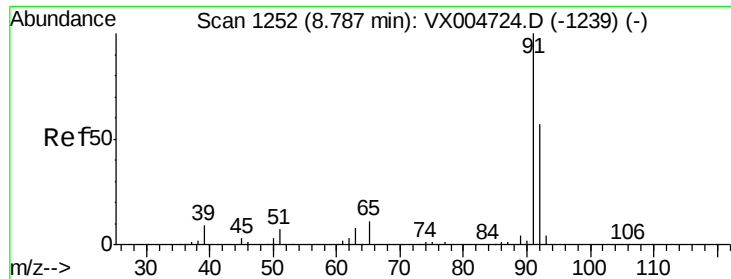
Tot Ion: 88 Resp: 51
Ion Ratio Lower Upper
88 100
43 302.0 24.7 37.1#
58 190.2 55.3 82.9#



#50
Toluene-d8
Concen: 49.349 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX004751.D
Acq: 27 Sep 2018 04:11

Tgt Ion: 98 Resp: 586441
Ion Ratio Lower Upper
98 100
100 63.5 52.9 79.3





#52

Toluene

Concen: 0.519 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX004751.D

Acq: 27 Sep 2018 04:11

Instrument :

MSVOA_X

ClientSampleId :

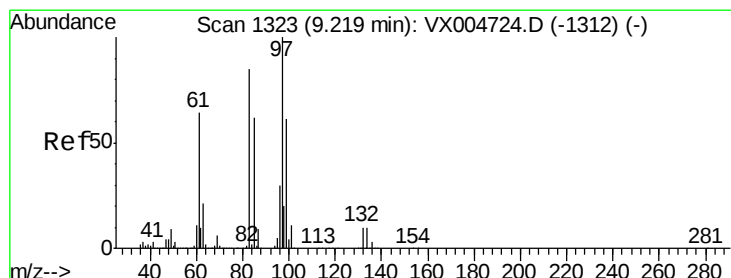
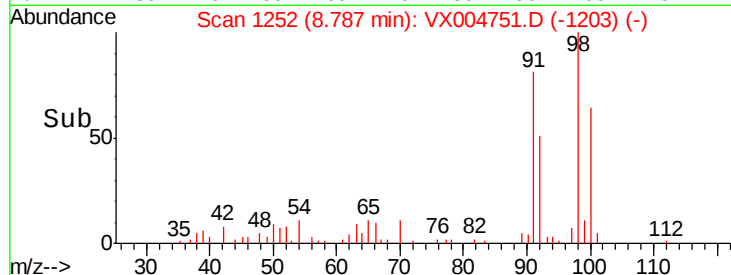
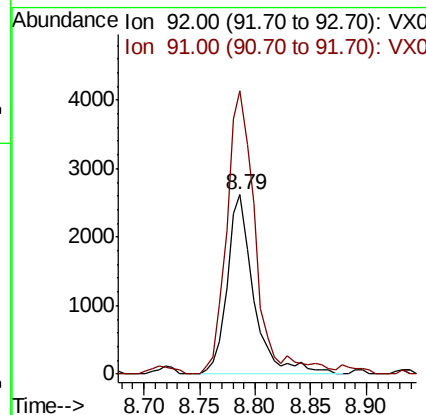
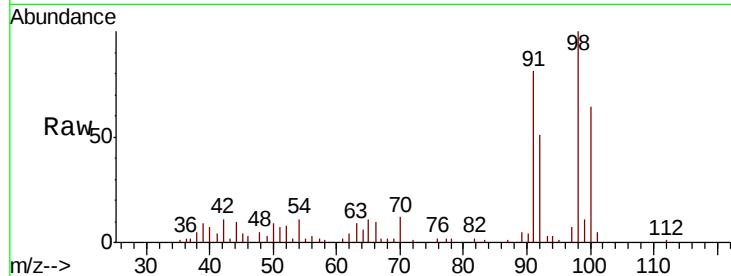
T11-MW-4-9.0-092018

Tot Ion: 92 Resp: 4356

Ion Ratio Lower Upper

92 100

91 160.4 136.4 204.6



#55

1,1,2-Trichloroethane

Concen: 0.227 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX004751.D

Acq: 27 Sep 2018 04:11

Tgt Ion: 97 Resp: 833

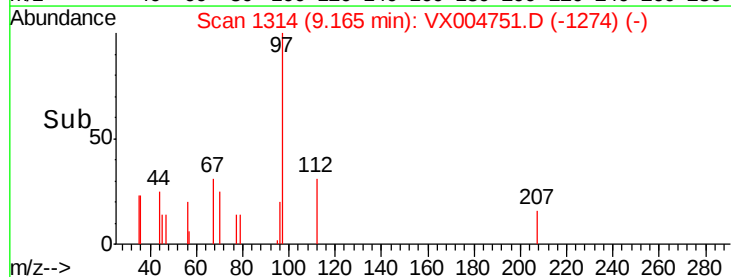
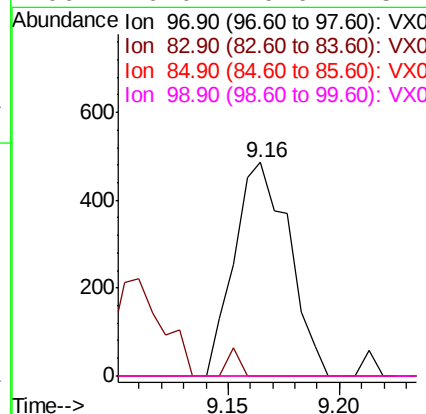
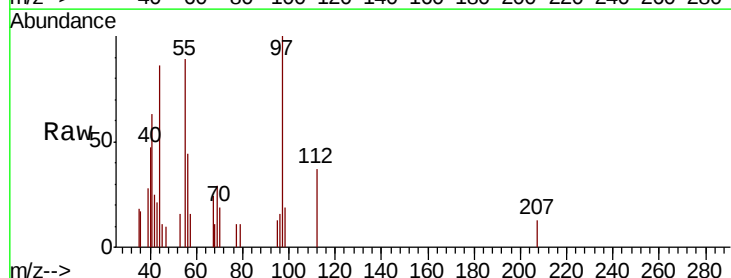
Ion Ratio Lower Upper

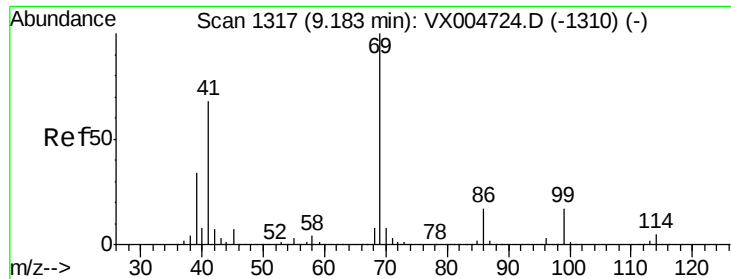
97 100

83 0.0 66.4 99.6#

85 0.0 43.3 64.9#

99 0.0 49.0 73.4#





#56

Ethyl methacrylate

Concen: 2.947 ug/l

RT: 9.17 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VX004751.D

Acq: 27 Sep 2018 04:11

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-4-9.0-092018

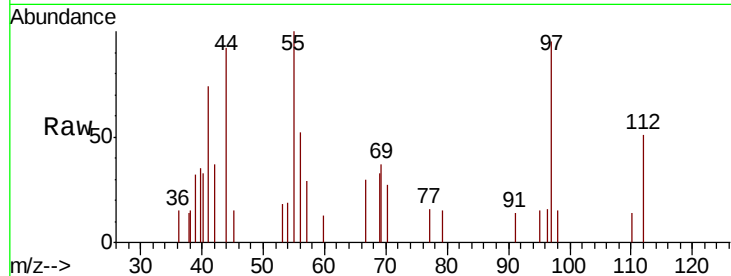
Tot Ion: 69 Resp: 539

Ion Ratio Lower Upper

69 100

41 53.6 51.0 76.4

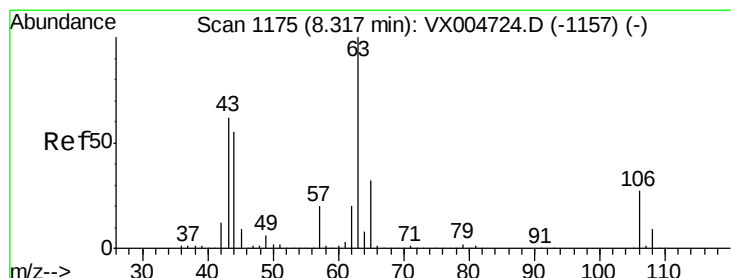
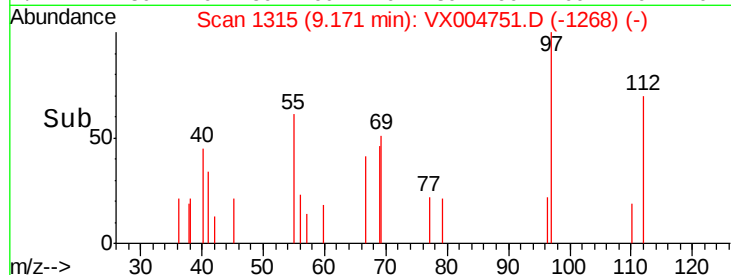
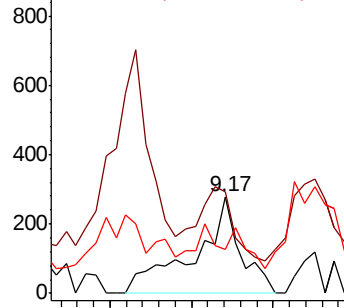
39 7.4 26.1 39.1#



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 14.249 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.01 min

Lab File: VX004751.D

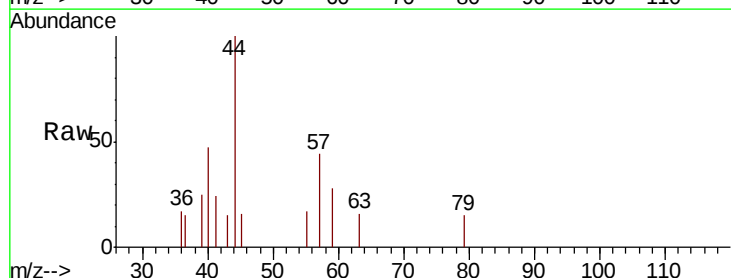
Acq: 27 Sep 2018 04:11

Tgt Ion: 63 Resp: 24

Ion Ratio Lower Upper

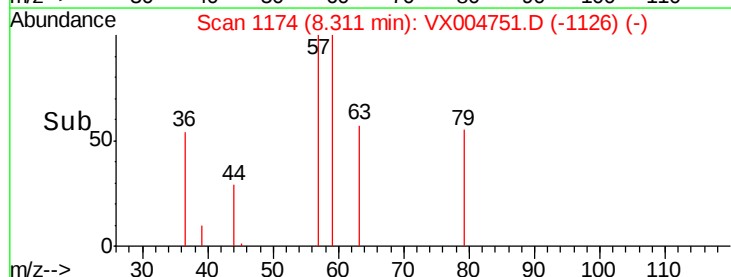
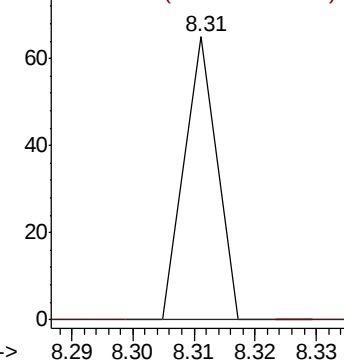
63 100

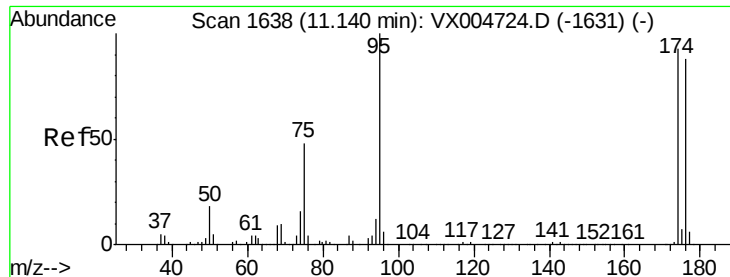
106 0.0 23.9 35.9#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

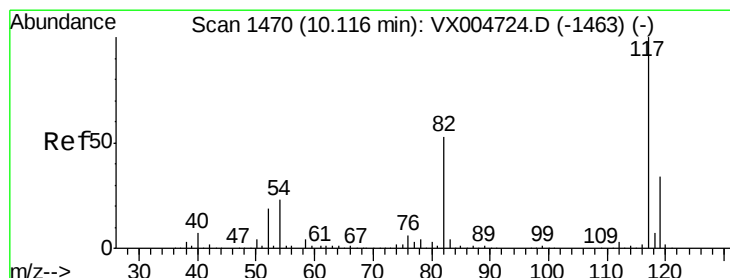
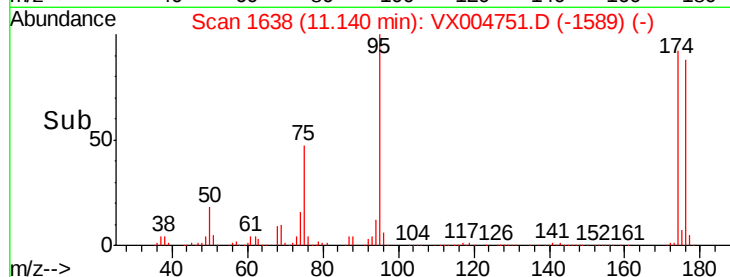
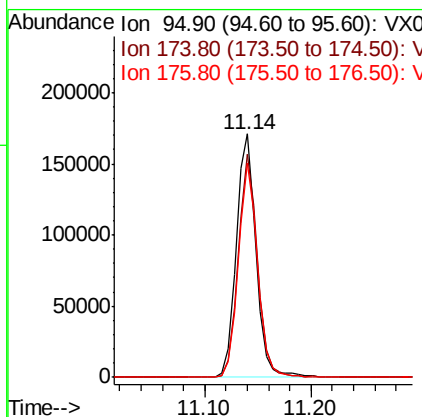
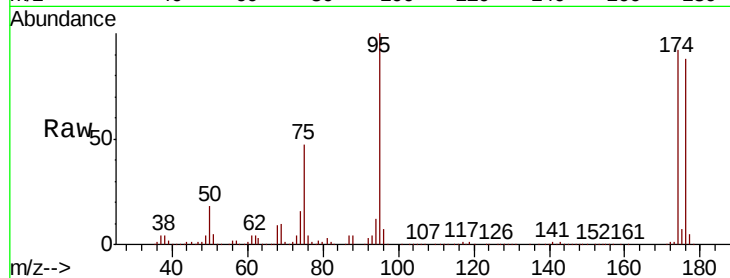




#62
4-Bromofluorobenzene
Concen: 52.053 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004751.D
Acq: 27 Sep 2018 04:11

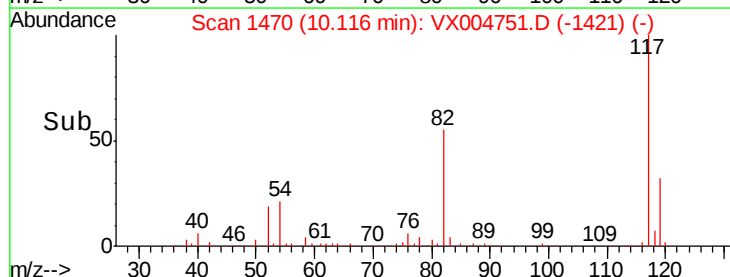
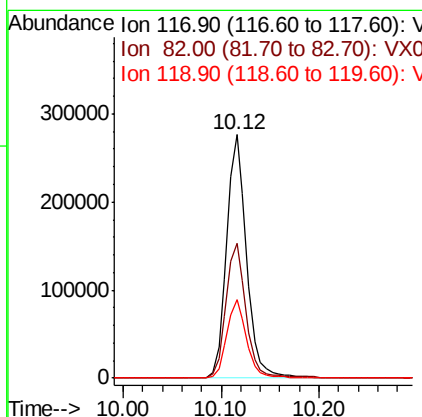
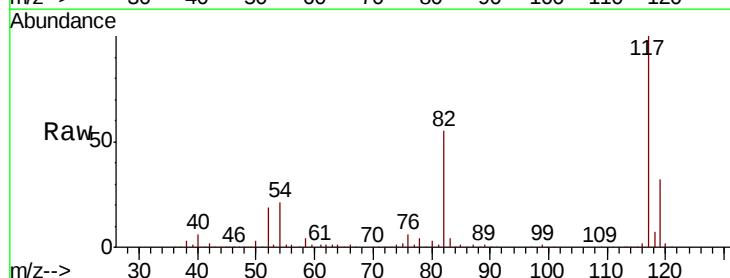
Instrument :
MSVOA_X
ClientSampleId :
T11-MW-4-9.0-092018

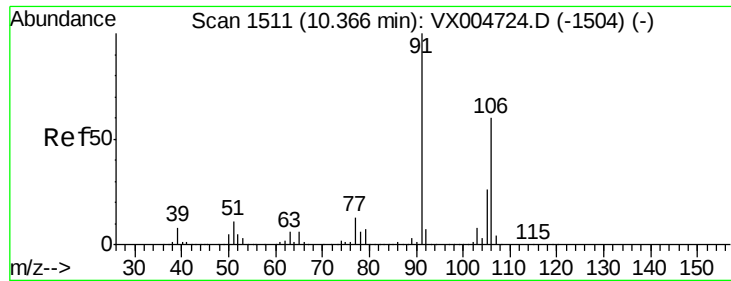
Tot Ion: 95 Resp: 222843
Ion Ratio Lower Upper
95 100
174 89.7 0.0 185.2
176 85.7 0.0 178.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004751.D
Acq: 27 Sep 2018 04:11

Tgt Ion: 117 Resp: 392107
Ion Ratio Lower Upper
117 100
82 55.2 47.8 71.6
119 32.3 29.3 43.9

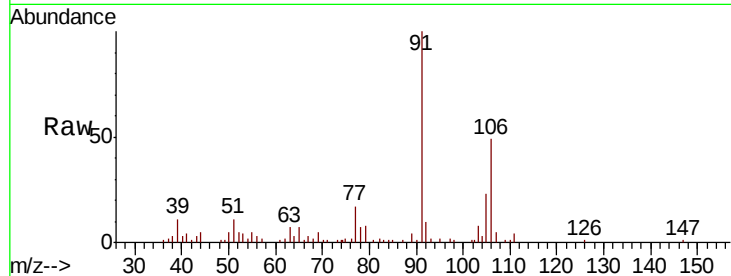




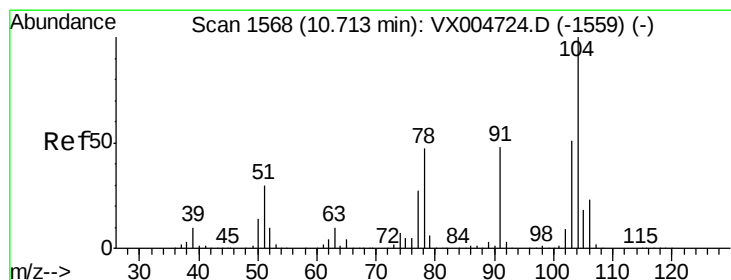
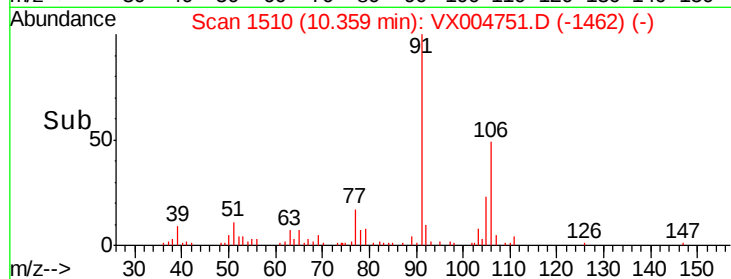
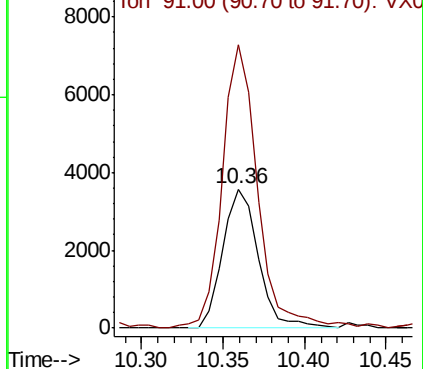
#68
m/p-Xvlenes
Concen: 0.876 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX004751.D
Acq: 27 Sep 2018 04:11

Instrument :
MSVOA_X
ClientSampleId :
T11-MW-4-9.0-092018

Tot Ion:106 Resp: 5462
Ion Ratio Lower Upper
106 100
91 203.2 157.1 235.7

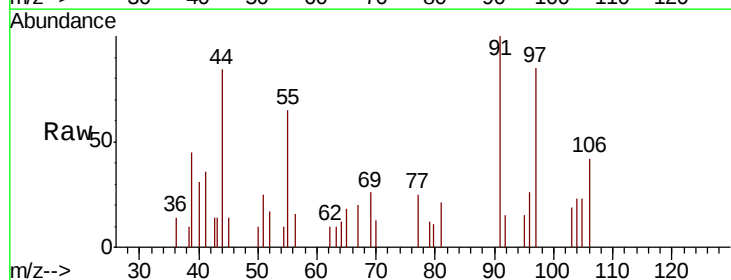


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

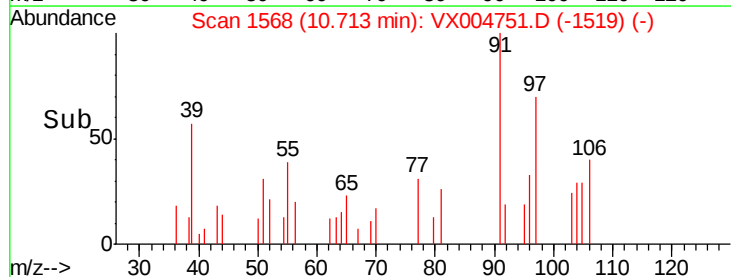
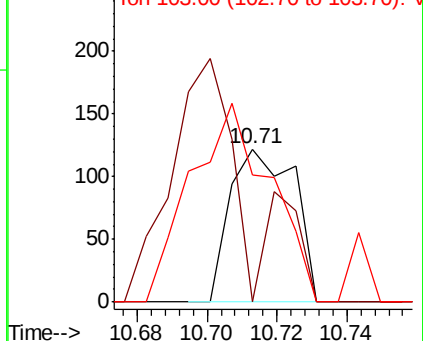


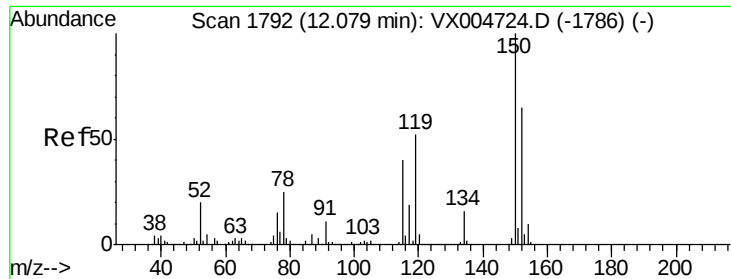
#70
Styrene
Concen: 2.154 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX004751.D
Acq: 27 Sep 2018 04:11

Tgt Ion:104 Resp: 155
Ion Ratio Lower Upper
104 100
78 147.7 37.4 56.0#
103 160.6 43.8 65.6#



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004751.D

Acq: 27 Sep 2018 04:11

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-4-9.0-092018

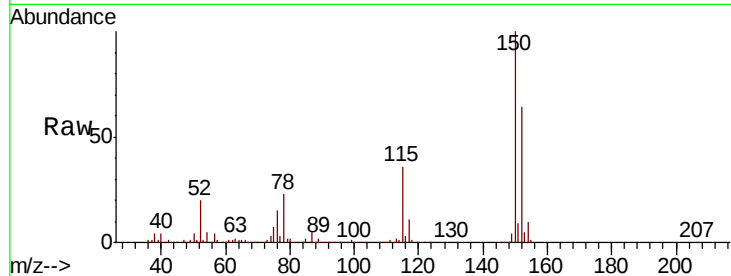
Tot Ion:152 Resp: 227750

Ion Ratio Lower Upper

152 100

115 55.9 39.0 117.0

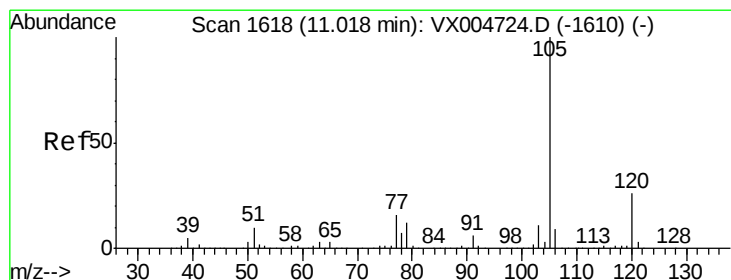
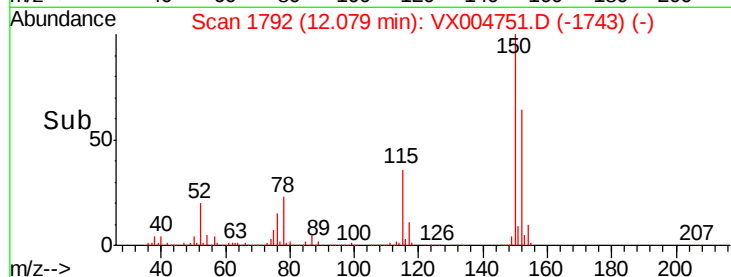
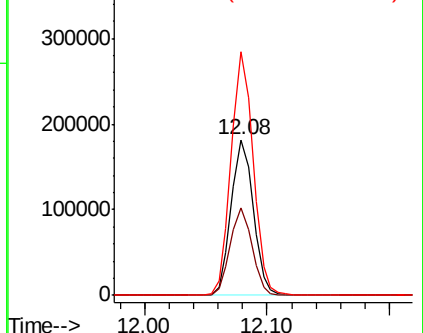
150 156.1 0.0 351.0



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



#73

Isopropylbenzene

Concen: 4.756 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004751.D

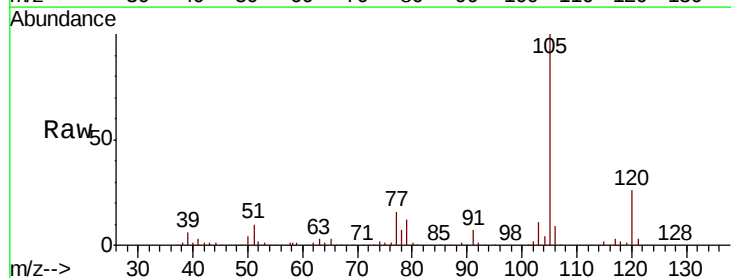
Acq: 27 Sep 2018 04:11

Tgt Ion:105 Resp: 68281

Ion Ratio Lower Upper

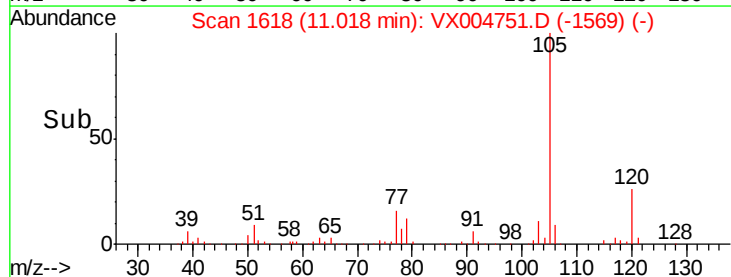
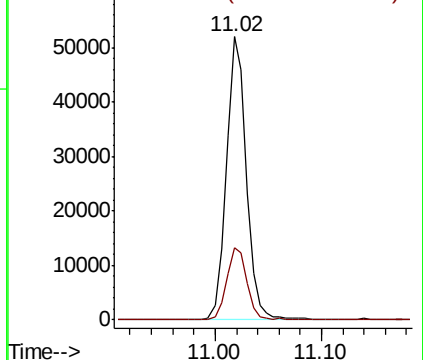
105 100

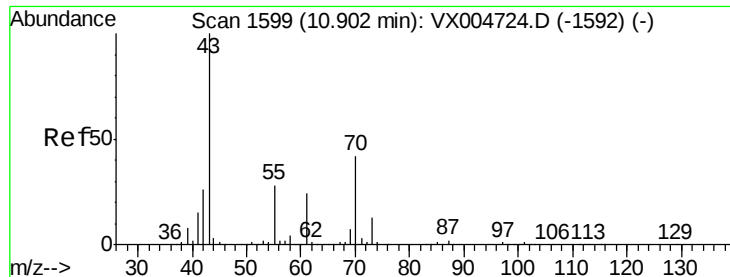
120 26.4 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 1.942 ug/l

RT: 10.94 min Scan# 1606

Delta R.T. 0.04 min

Lab File: VX004751.D

Acq: 27 Sep 2018 04:11

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-4-9.0-092018

Tot Ion: 43 Resp: 1584

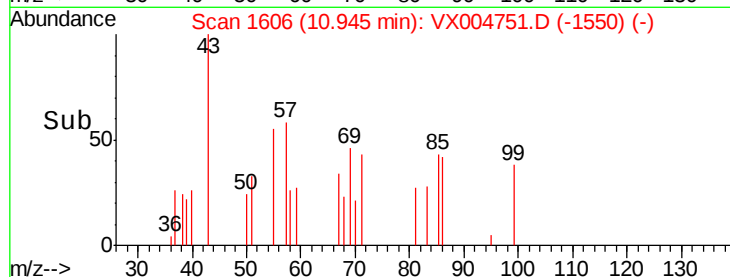
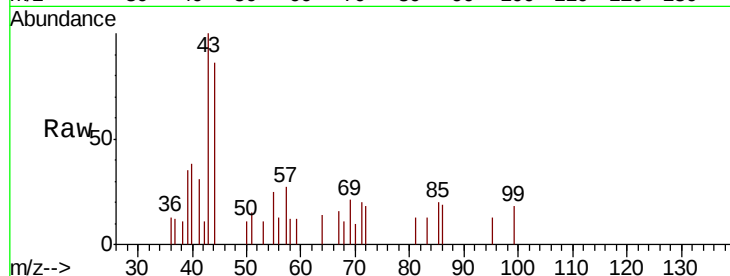
Ion Ratio Lower Upper

43 100

70 0.0 37.4 56.0#

55 0.0 21.8 32.8#

61 0.0 20.6 30.8#

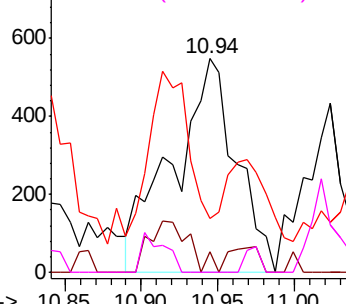


Abundance Ion 43.00 (42.70 to 43.70): VX0

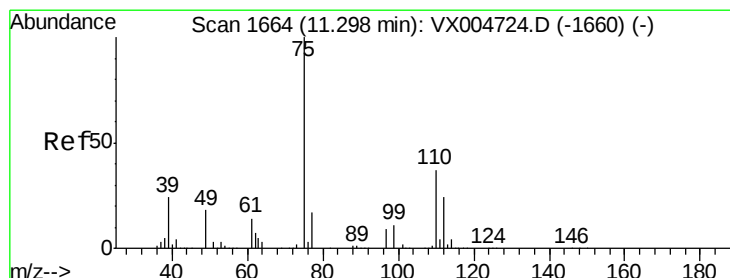
Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



Time-->



#76

1,2,3-Trichloropropane

Concen: 21.211 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX004751.D

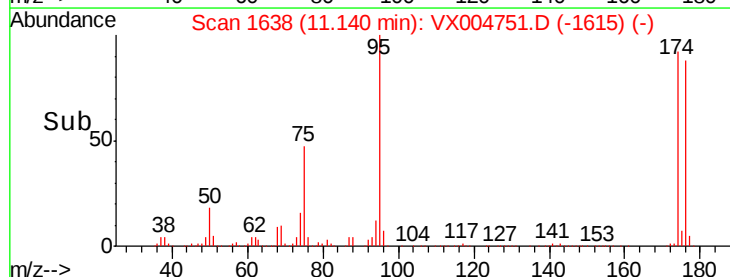
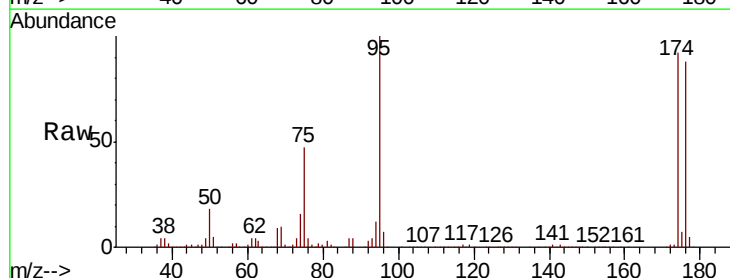
Acq: 27 Sep 2018 04:11

Tgt Ion: 75 Resp: 108278

Ion Ratio Lower Upper

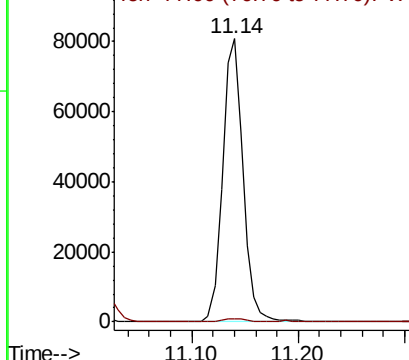
75 100

77 1.2 20.2 60.6#

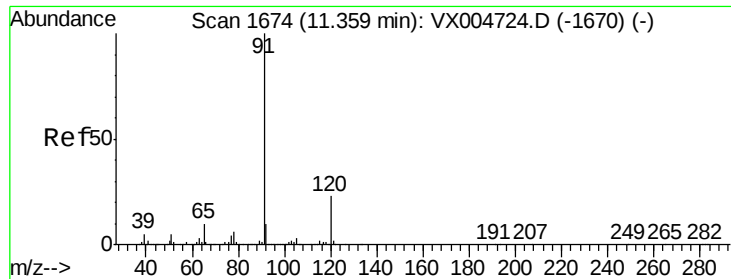


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



Time-->



#78

n-propylbenzene

Concen: 1.628 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004751.D

Acq: 27 Sep 2018 04:11

Instrument :

MSVOA_X

ClientSampleId :

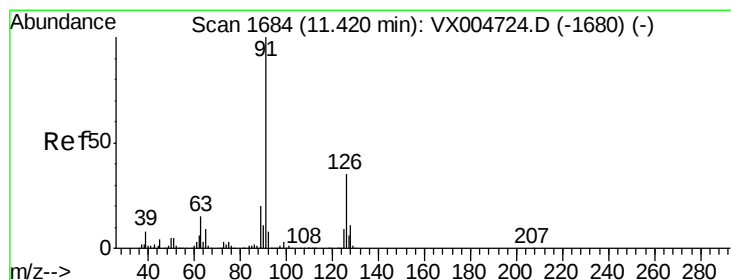
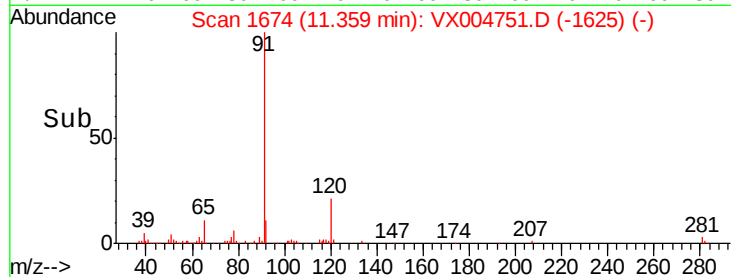
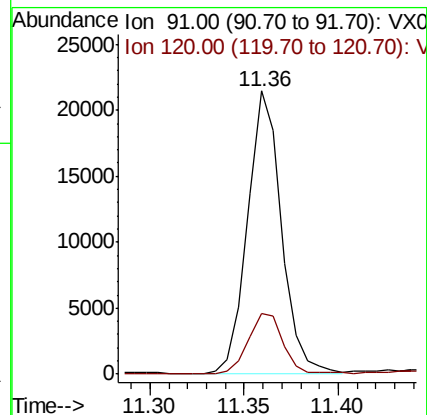
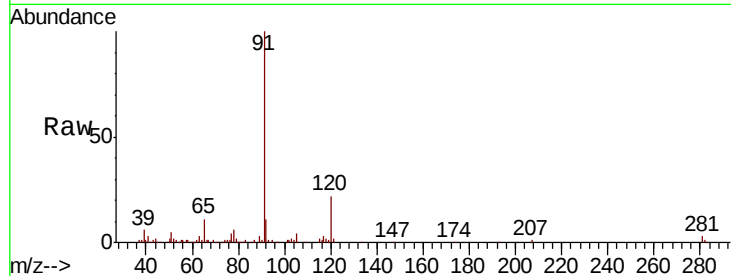
T11-MW-4-9.0-092018

Tot Ion: 91 Resp: 26815

Ion Ratio Lower Upper

91 100

120 22.4 11.9 35.9



#79

2-Chlorotoluene

Concen: 2.612 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.06 min

Lab File: VX004751.D

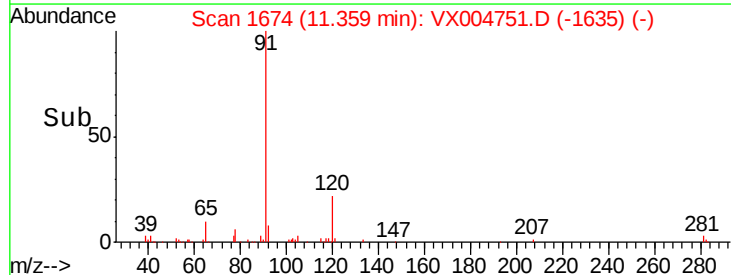
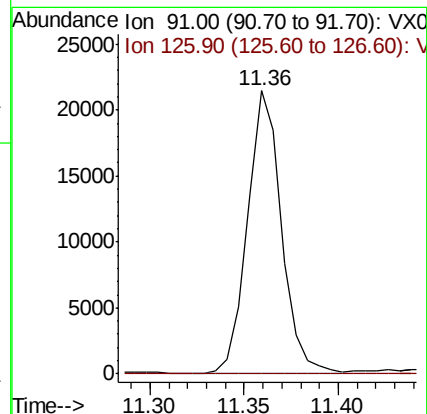
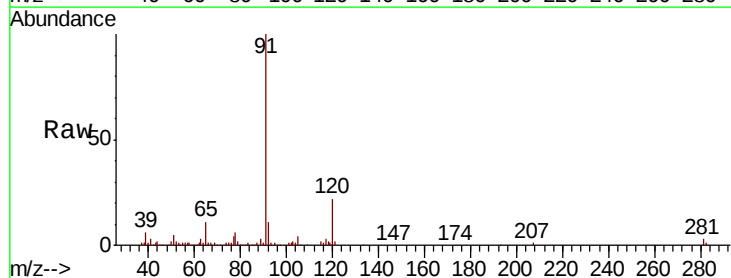
Acq: 27 Sep 2018 04:11

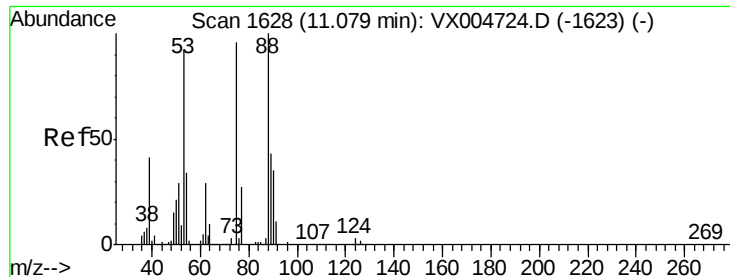
Tgt Ion: 91 Resp: 26815

Ion Ratio Lower Upper

91 100

126 0.1 17.9 53.7#





#81

trans-1,4-Dichloro-2-butene

Concen: 57.539 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.06 min

Lab File: VX004751.D

Acq: 27 Sep 2018 04:11

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-4-9.0-092018

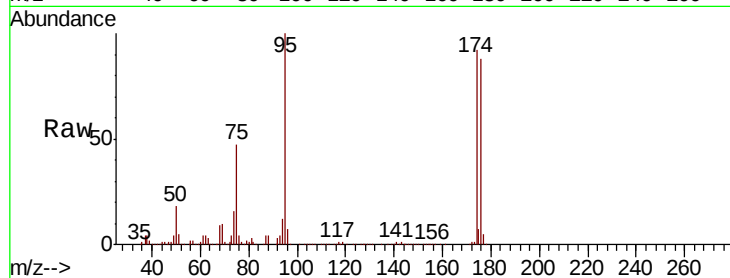
Tot Ion: 75 Resp: 108278

Ion Ratio Lower Upper

75 100

53 0.3 80.1 120.1#

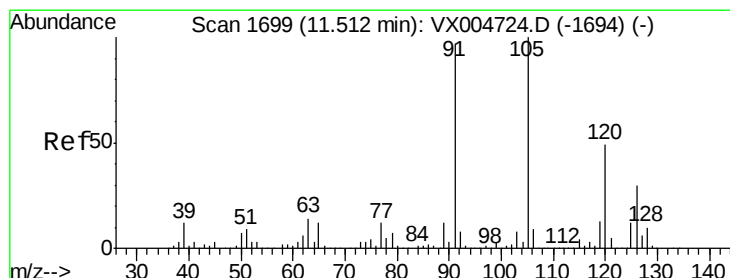
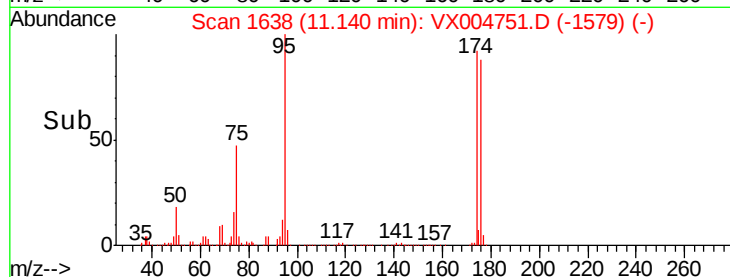
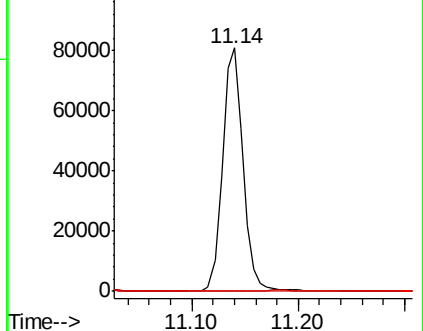
89 0.0 37.2 55.8#



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



#82

4-Chlorotoluene

Concen: 0.201 ug/l

RT: 11.66 min Scan# 1724

Delta R.T. 0.15 min

Lab File: VX004751.D

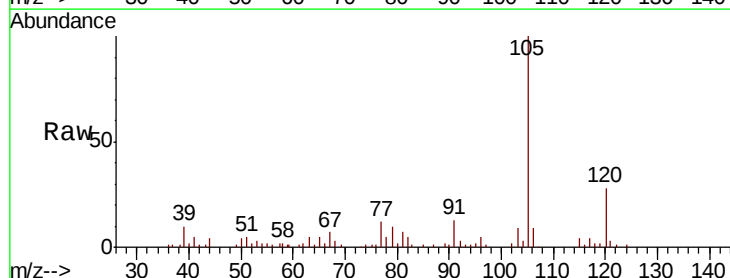
Acq: 27 Sep 2018 04:11

Tgt Ion: 91 Resp: 2434

Ion Ratio Lower Upper

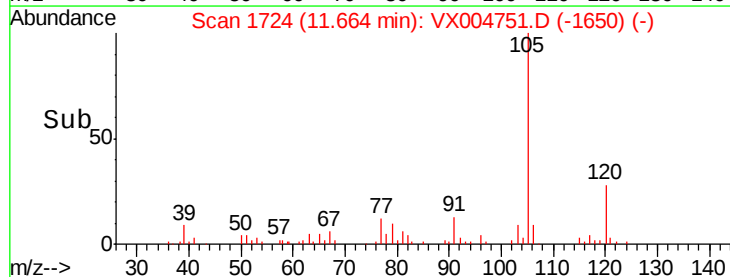
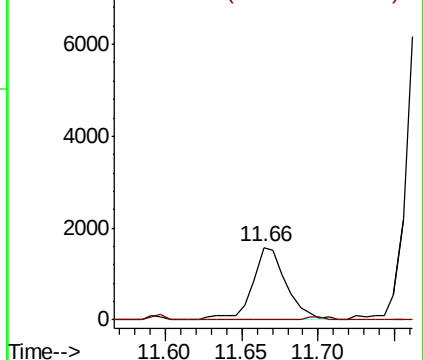
91 100

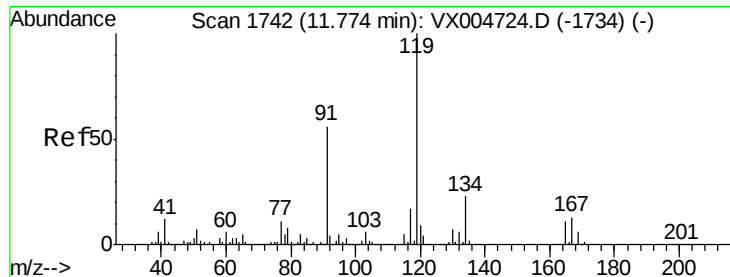
126 0.0 15.5 46.5#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

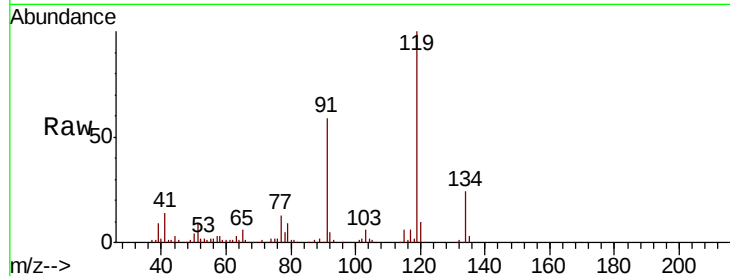




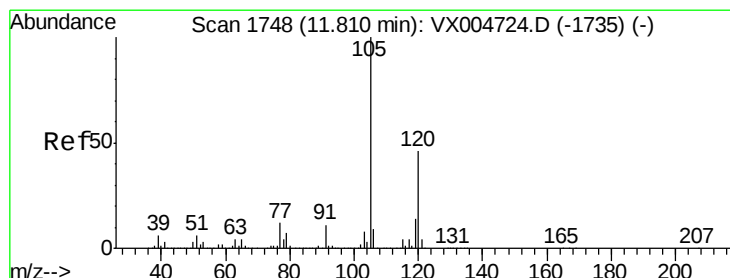
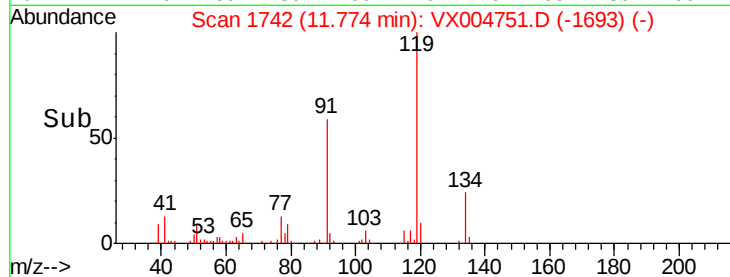
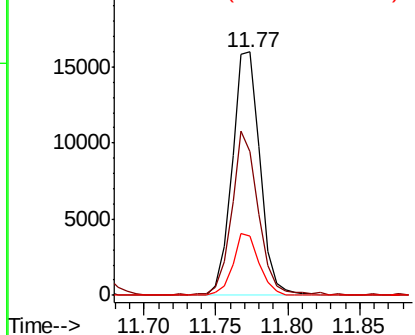
#83
 tert-Butylbenzene
 Concen: 1.832 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX004751.D
 Acq: 27 Sep 2018 04:11

Instrument :
 MSVOA_X
 ClientSampleId :
 T11-MW-4-9.0-092018

Tot Ion:119 Resp: 21658
 Ion Ratio Lower Upper
 119 100
 91 65.0 27.0 81.0
 134 23.7 11.7 35.1

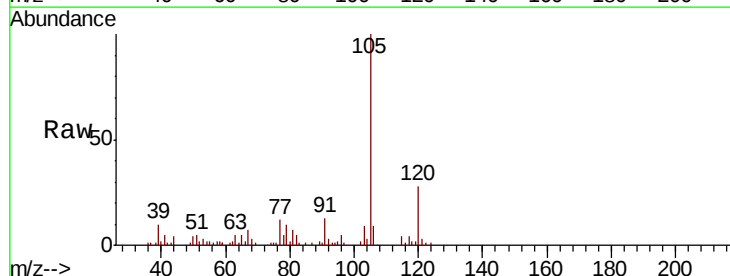


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX
 Ion 134.00 (133.70 to 134.70): V

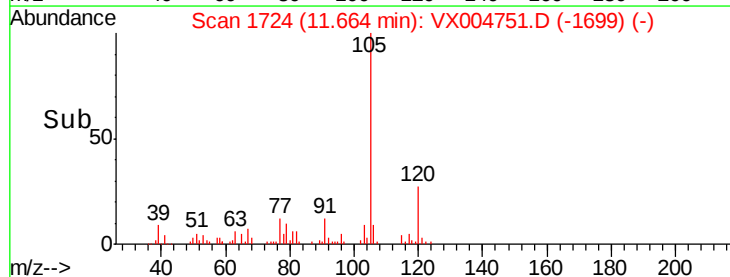
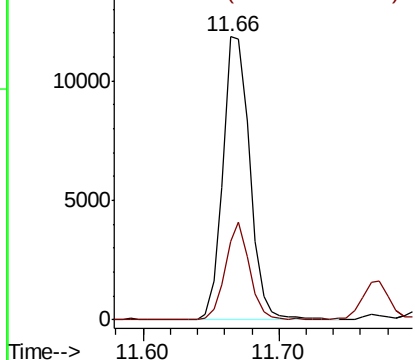


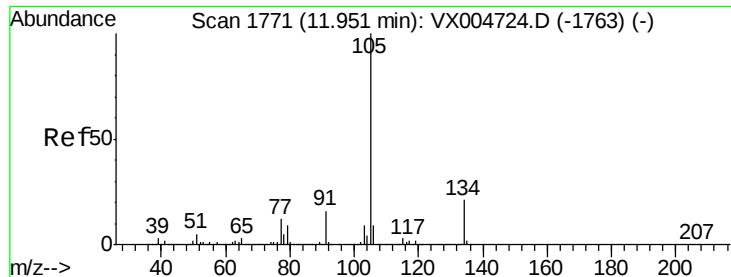
#84
 1,2,4-Trimethylbenzene
 Concen: 1.008 ug/l
 RT: 11.66 min Scan# 1724
 Delta R.T. -0.15 min
 Lab File: VX004751.D
 Acq: 27 Sep 2018 04:11

Tgt Ion:105 Resp: 16304
 Ion Ratio Lower Upper
 105 100
 120 30.9 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

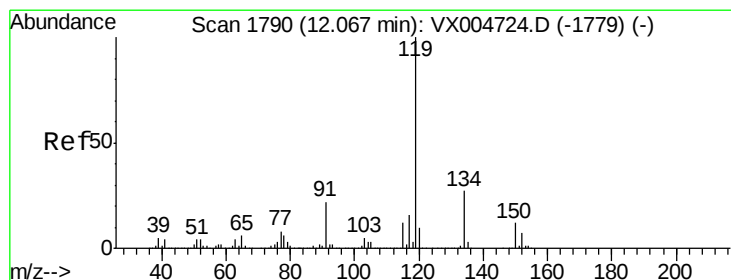
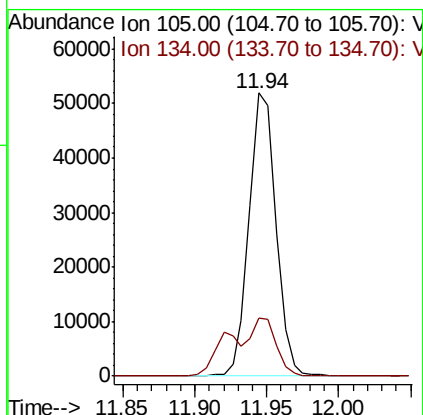
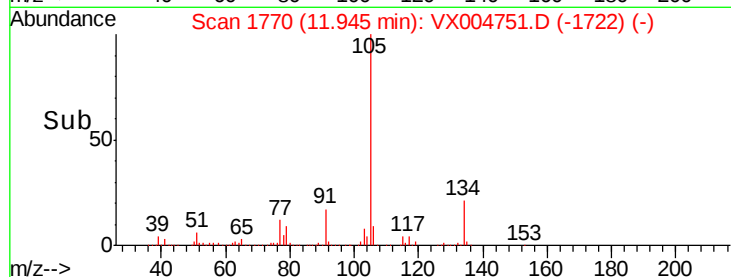
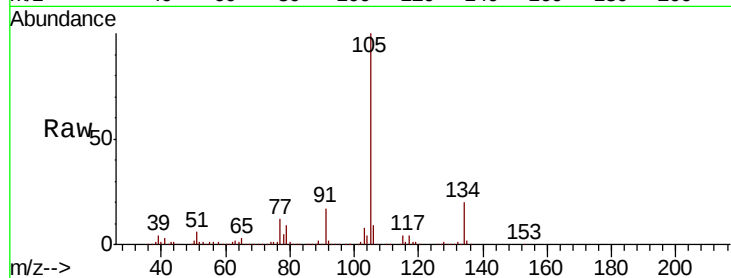




#85
 sec-Butylbenzene
 Concen: 4.659 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: VX004751.D
 Acq: 27 Sep 2018 04:11

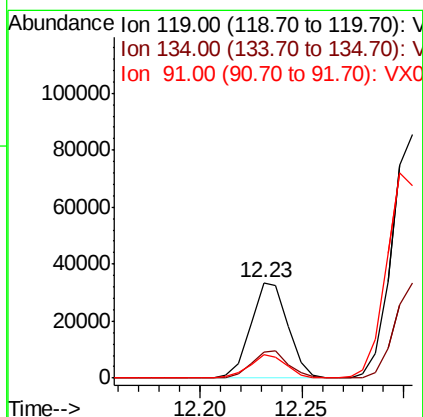
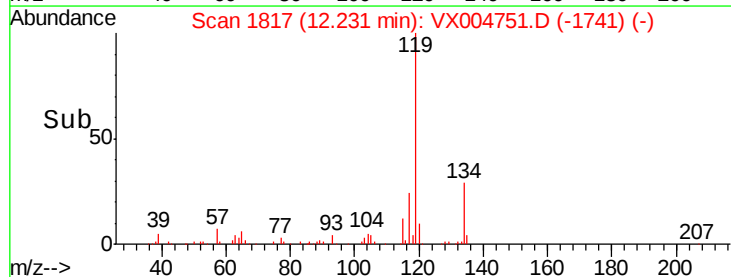
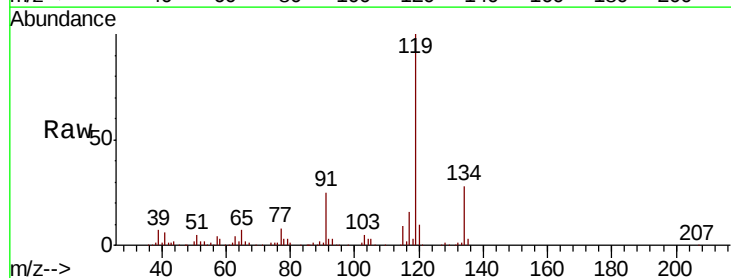
Instrument :
 MSVOA_X
 ClientSampleId :
 T11-MW-4-9.0-092018

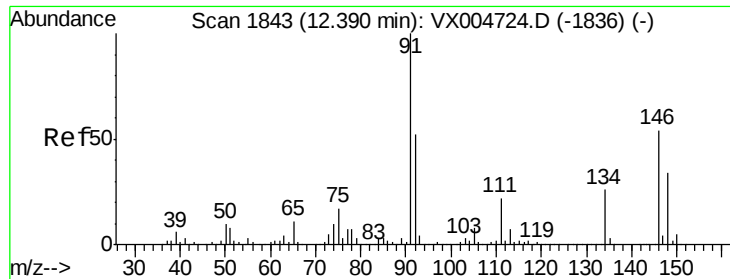
Tot Ion:105 Resp: 67078
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 3.274 ug/l
 RT: 12.23 min Scan# 1817
 Delta R.T. 0.16 min
 Lab File: VX004751.D
 Acq: 27 Sep 2018 04:11

Tgt Ion:119 Resp: 42705
 Ion Ratio Lower Upper
 119 100
 134 28.0 13.4 40.2
 91 24.1 10.9 32.7





#89

n-Butylbenzene

Concen: 1.079 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX004751.D

Acq: 27 Sep 2018 04:11

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-4-9.0-092018

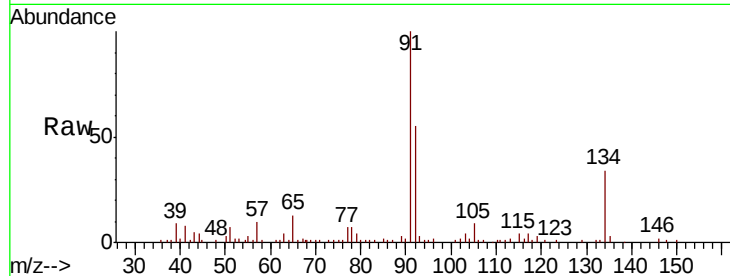
Tot Ion: 91 Resp: 12777

Ion Ratio Lower Upper

91 100

92 52.4 27.3 81.9

134 30.3 13.6 40.7

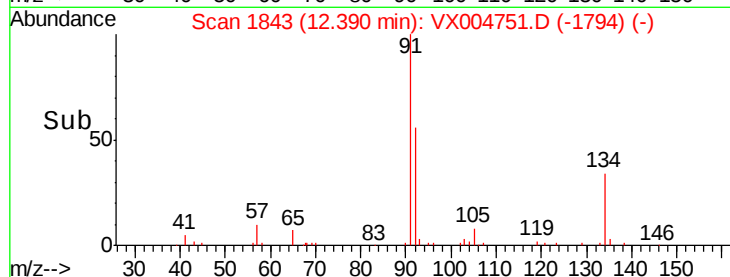


Abundance Ion 91.00 (90.70 to 91.70): VX004724.D (-1836) (-)

Ion 92.00 (91.70 to 92.70): VX004724.D (-1836) (-)

Ion 134.00 (133.70 to 134.70): VX004724.D (-1836) (-)

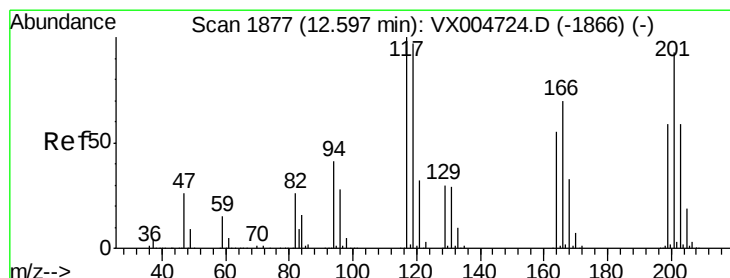
Time-->



Abundance

12.39

Time-->



#90

Hexachloroethane

Concen: 6.567 ug/l

RT: 12.67 min Scan# 1889

Delta R.T. 0.07 min

Lab File: VX004751.D

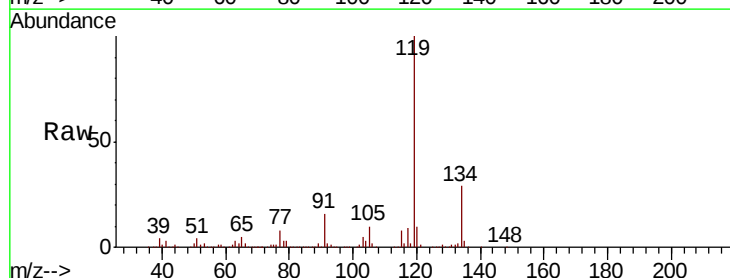
Acq: 27 Sep 2018 04:11

Tgt Ion: 117 Resp: 14262

Ion Ratio Lower Upper

117 100

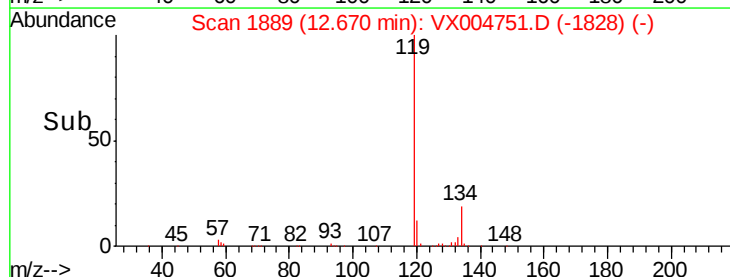
201 0.0 46.9 140.6#



Abundance Ion 116.80 (116.50 to 117.50): VX004724.D (-1866) (-)

Ion 200.70 (200.40 to 201.40): VX004724.D (-1866) (-)

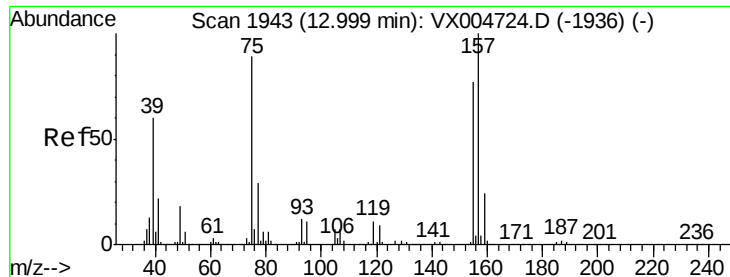
Time-->



Abundance

12.67

Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.600 ug/l

RT: 12.97 min Scan# 1939

Delta R.T. -0.02 min

Lab File: VX004751.D

Acq: 27 Sep 2018 04:11

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-4-9.0-092018

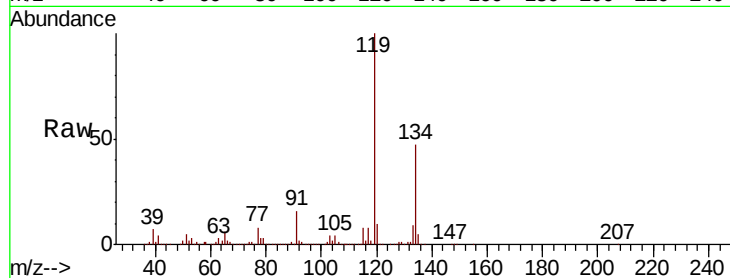
Tot Ion: 75 Resp: 2053

Ion Ratio Lower Upper

75 100

155 2.2 48.0 144.2#

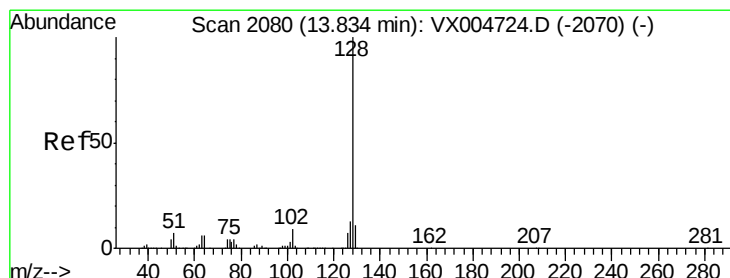
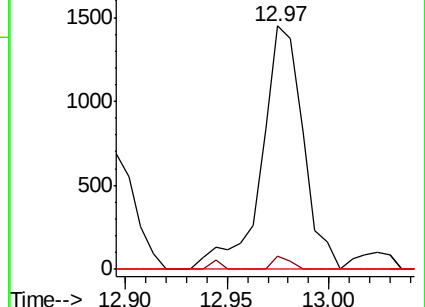
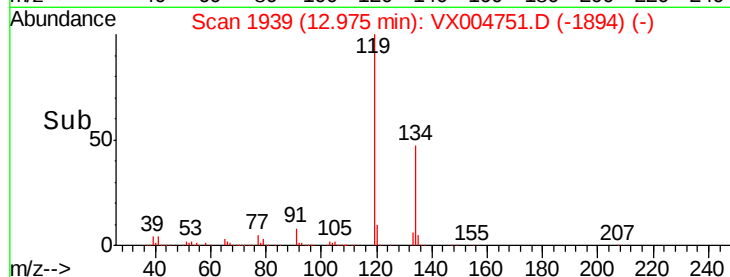
157 0.0 61.4 184.1#



Abundance Ion 74.90 (74.60 to 75.60): VX004751.D (-1894) (-)

Ion 154.80 (154.50 to 155.50): VX004751.D (-1894) (-)

Ion 156.80 (156.50 to 157.50): VX004751.D (-1894) (-)



#95

Naphthalene

Concen: 0.829 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004751.D

Acq: 27 Sep 2018 04:11

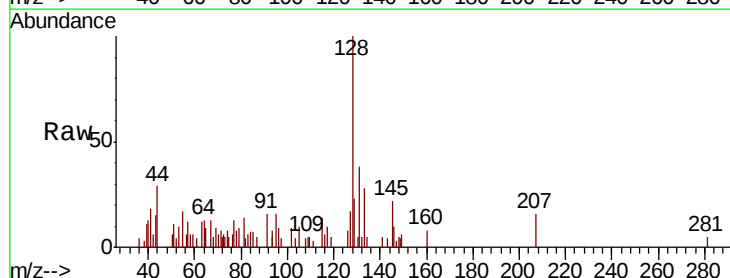
Tgt Ion: 128 Resp: 2100

Ion Ratio Lower Upper

128 100

127 26.4 10.2 15.2#

129 0.0 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): VX004751.D (-2031) (-)

Ion 127.00 (126.70 to 127.70): VX004751.D (-2031) (-)

Ion 129.00 (128.70 to 129.70): VX004751.D (-2031) (-)

