

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082119\
 Data File : VX011724.D
 Acq On : 21 Aug 2019 11:59
 Operator : JC/SP
 Sample : K4391-09ME
 Misc : 5.03g/10mL/100uL/10mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BOTTOM-2ME

Quant Time: Aug 21 13:29:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	423387	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	608617	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	554331	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	308176	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	213847	54.46	ug/l	0.00
Spiked Amount			Recovery	=	108.92%	
35) Dibromofluoromethane	5.49	113	165310	41.53	ug/l	0.00
Spiked Amount			Recovery	=	83.06%	
50) Toluene-d8	8.71	98	698492	56.31	ug/l	0.00
Spiked Amount			Recovery	=	112.62%	
62) 4-Bromofluorobenzene	11.13	95	257665	49.22	ug/l	0.00
Spiked Amount			Recovery	=	98.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	574	0.328	ug/l #	31
6) Chloroethane	1.71	64	923	0.499	ug/l #	43
7) Trichlorofluoromethane	1.87	101	1327	0.245	ug/l	85
8) Diethyl Ether	2.10	74	544	0.293	ug/l	59
11) Tert butyl alcohol	3.00	59	419	0.435	ug/l #	1
13) Acrolein	2.29	56	220	12.890	ug/l	95
16) Acetone	2.48	43	4801	2.432	ug/l	91
18) Methyl Acetate	2.78	43	2175	0.355	ug/l #	86
20) Methylene Chloride	2.83	84	2335	0.563	ug/l #	80
25) 2-Butanone	4.63	43	646	0.208	ug/l #	47
36) 1,1-Dichloropropene	5.64	75	25178	4.839	ug/l #	50
37) Ethyl Acetate	4.82	43	1215	0.203	ug/l #	83
38) Carbon Tetrachloride	5.64	117	37525	6.545	ug/l #	16
39) Methylcyclohexane	7.45	83	11019	1.715	ug/l	94
43) Isopropyl Acetate	6.48	43	2291	0.245	ug/l #	73
49) 1,4-Dioxane	7.72	88	215	1.748	ug/l #	40
51) 4-Methyl-2-Pentanone	8.66	43	2667	0.436	ug/l #	36
55) 1,1,2-Trichloroethane	9.16	97	6821	1.557	ug/l #	19
56) Ethyl methacrylate	9.16	69	1614	0.253	ug/l #	8
59) 2-Hexanone	9.67	43	1198	0.254	ug/l	69
68) m/p-Xylenes	10.35	106	3843	0.507	ug/l	94
71) Bromoform	10.85	173	139	3.322	ug/l #	28
73) Isopropylbenzene	11.01	105	5079	0.254	ug/l	91
74) N-ethyl acetate	10.90	43	2684	0.316	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.24	83	2003	0.291	ug/l	73
76) 1,2,3-Trichloropropane	11.13	75	121664	20.820	ug/l #	36
78) n-propylbenzene	11.35	91	9535	0.442	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	22030	1.311	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.13	75	121664	55.825	ug/l #	12
84) 1,2,4-Trimethylbenzene	11.80	105	51251	3.039	ug/l	99
85) sec-Butylbenzene	11.94	105	5436	0.282	ug/l	96
86) p-Isopropyltoluene	12.02	119	4321	0.238	ug/l	91
89) n-Butylbenzene	12.38	91	7130	0.478	ug/l #	29
90) Hexachloroethane	12.58	117	1241	0.433	ug/l #	1

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Quant Title : SW846 8260
QLast Update : Fri Aug 16 04:15:26 2019
Response via : Initial Calibration

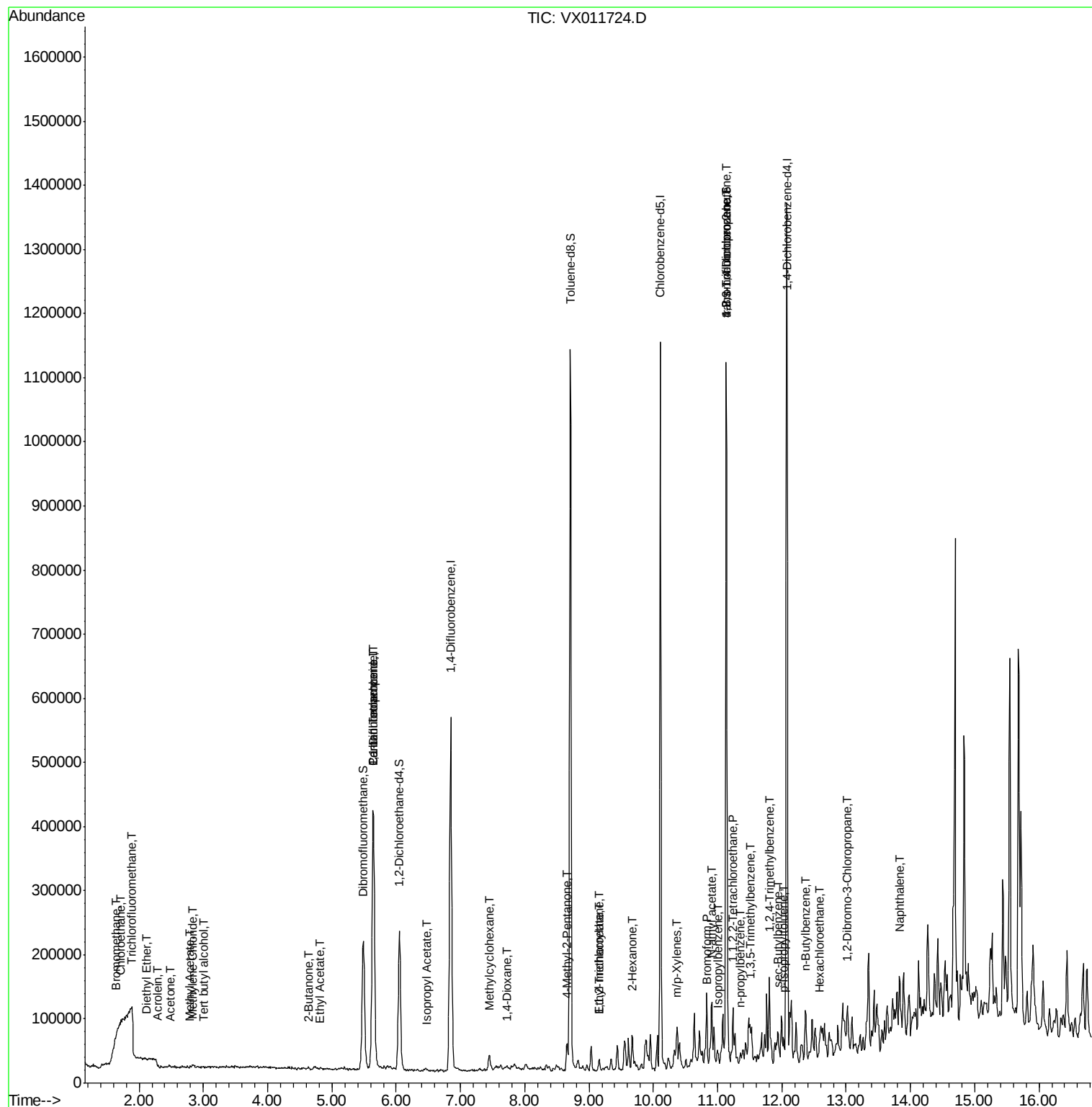
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	13.02	75	531	0.337	ug/l #	36
95) Naphthalene	13.83	128	65046	3.008	ug/l #	96

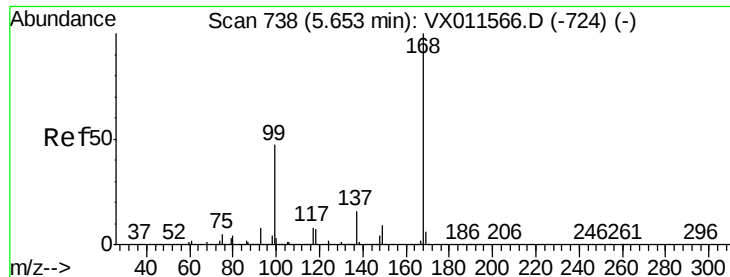
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX082119\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 736

Delta R.T. -0.01 min

Lab File: VX011724.D

Acq: 21 Aug 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

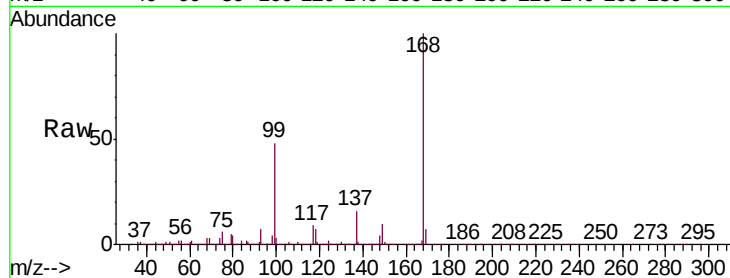
BOTTOM-2ME

Tot Ion:168 Resp: 423387

Ion Ratio Lower Upper

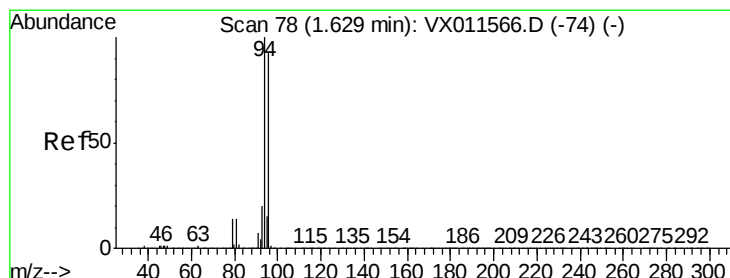
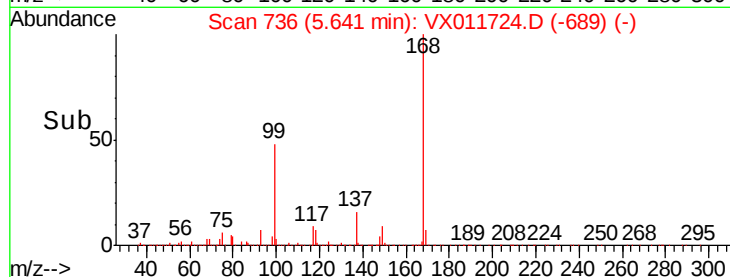
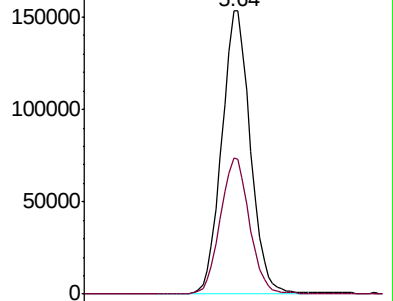
168 100

99 48.0 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: 0.328 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.01 min

Lab File: VX011724.D

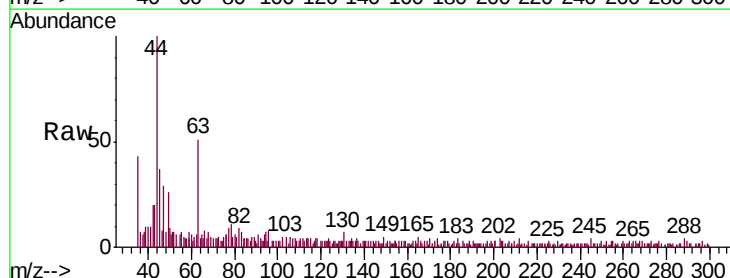
Acq: 21 Aug 2019 11:59

Tgt Ion: 94 Resp: 574

Ion Ratio Lower Upper

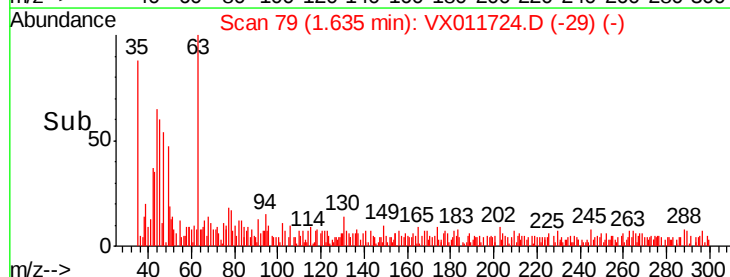
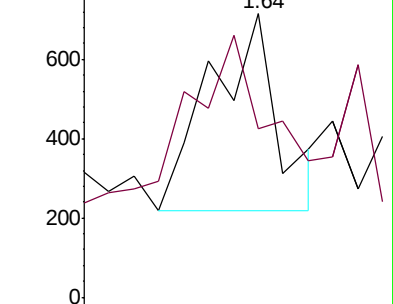
94 100

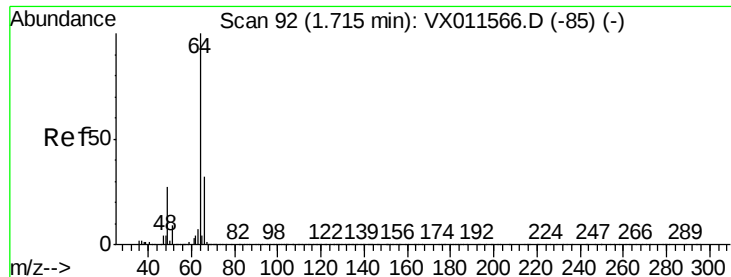
96 27.2 74.8 112.2#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 0.499 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX011724.D

Acq: 21 Aug 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

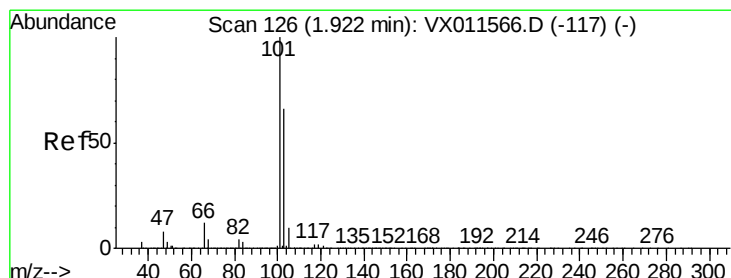
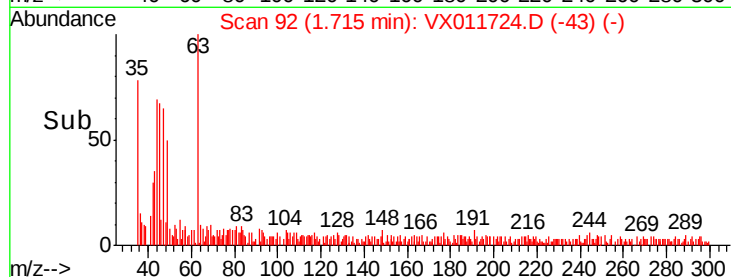
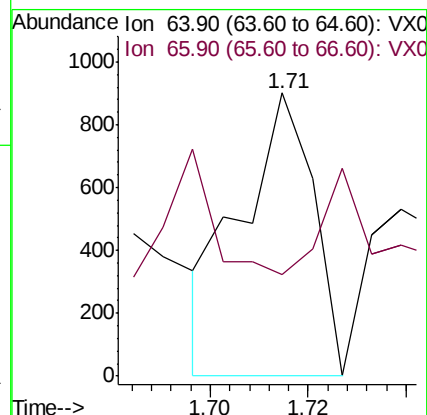
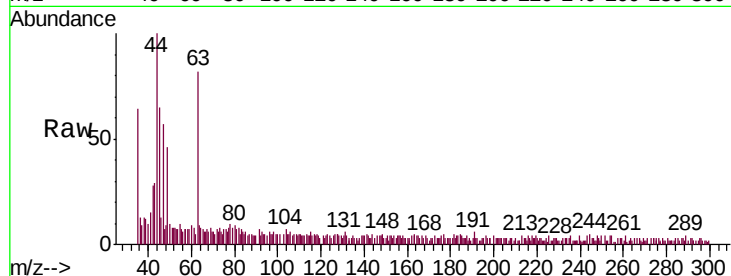
BOTTOM-2ME

Tot Ion: 64 Resp: 923

Ion Ratio Lower Upper

64 100

66 0.0 25.3 37.9#



#7

Trichlorofluoromethane

Concen: 0.245 ug/l

RT: 1.87 min Scan# 118

Delta R.T. -0.05 min

Lab File: VX011724.D

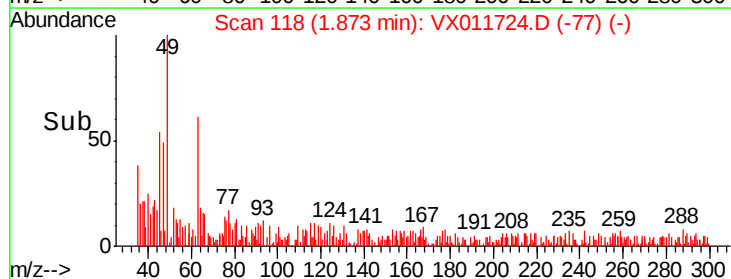
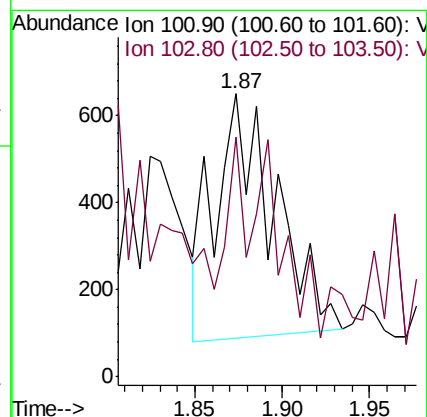
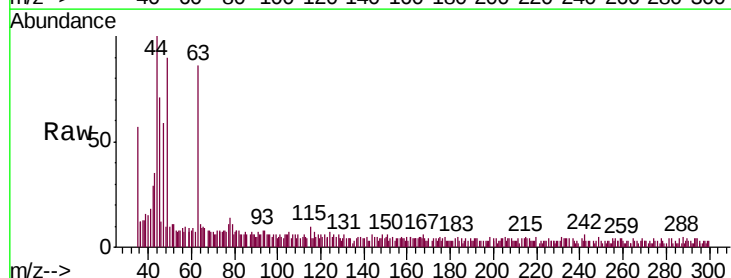
Acq: 21 Aug 2019 11:59

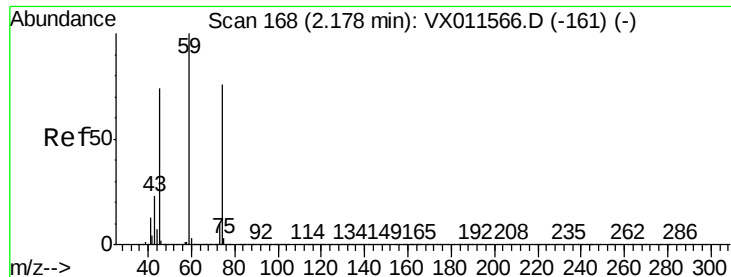
Tgt Ion: 101 Resp: 1327

Ion Ratio Lower Upper

101 100

103 54.1 52.9 79.3





#8

Diethyl Ether

Concen: 0.293 ug/l

RT: 2.10 min Scan# 156

Delta R.T. -0.07 min

Lab File: VX011724.D

Acq: 21 Aug 2019 11:59

Instrument :

MSVOA_X

ClientSampled :

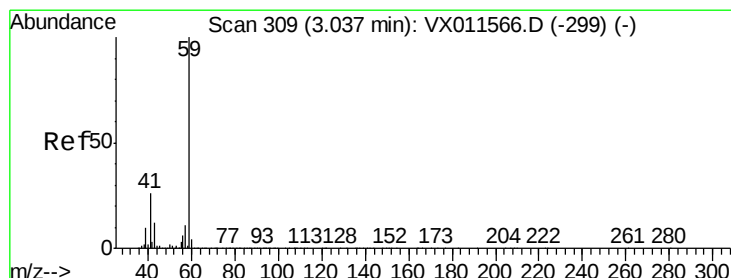
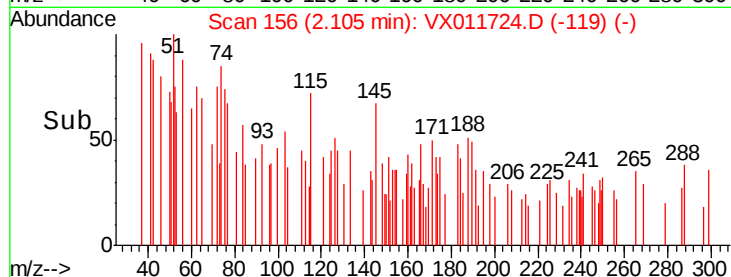
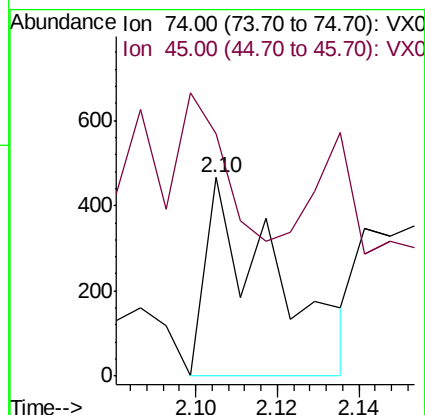
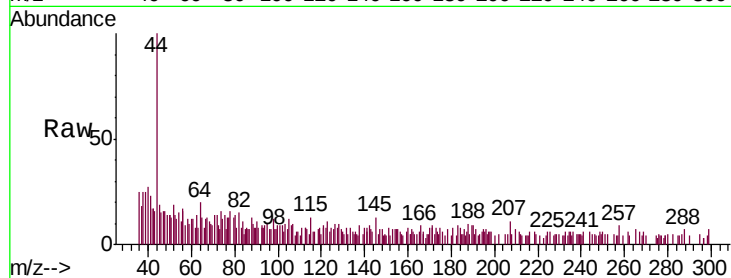
BOTTOM-2ME

Tot Ion: 74 Resp: 544

Ion Ratio Lower Upper

74 100

45 56.1 48.2 144.6



#11

Tert butyl alcohol

Concen: 0.435 ug/l

RT: 3.00 min Scan# 303

Delta R.T. -0.04 min

Lab File: VX011724.D

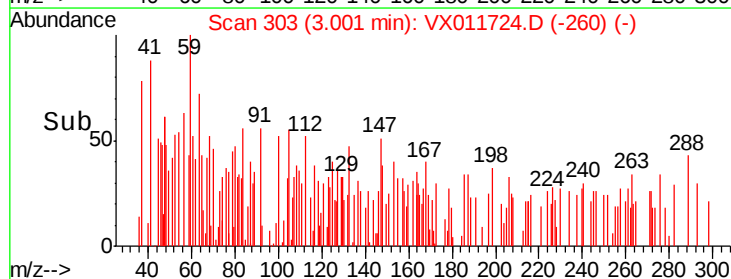
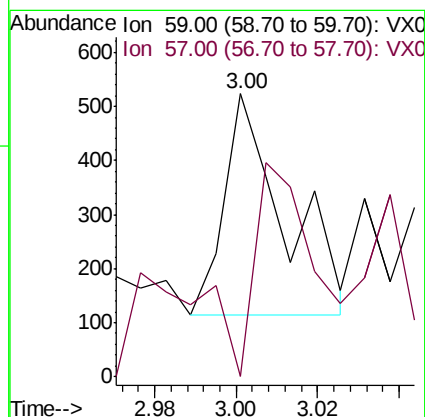
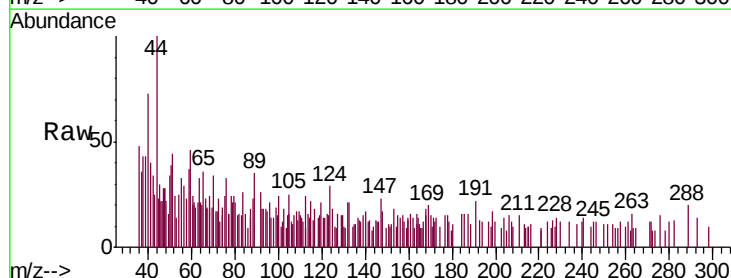
Acq: 21 Aug 2019 11:59

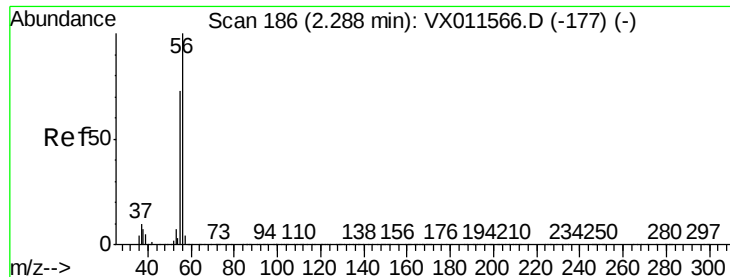
Tgt Ion: 59 Resp: 419

Ion Ratio Lower Upper

59 100

57 93.8 8.7 13.1#





#13

Acrolein

Concen: 12.890 ug/l

RT: 2.29 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX011724.D

Acq: 21 Aug 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

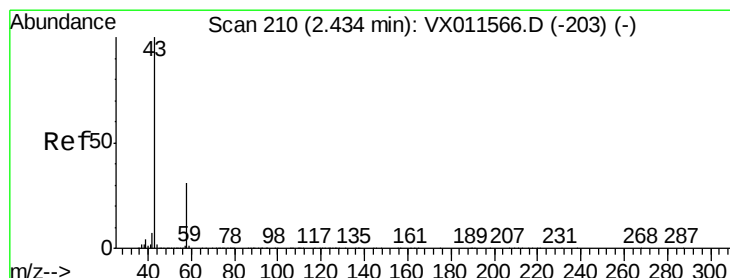
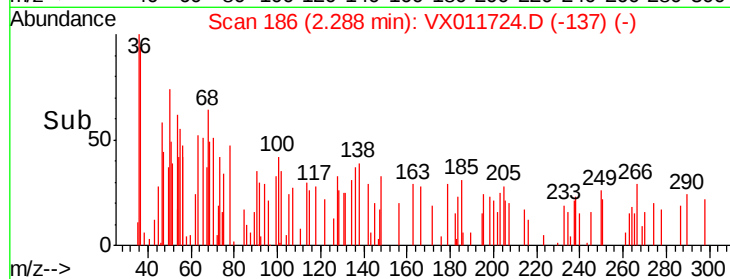
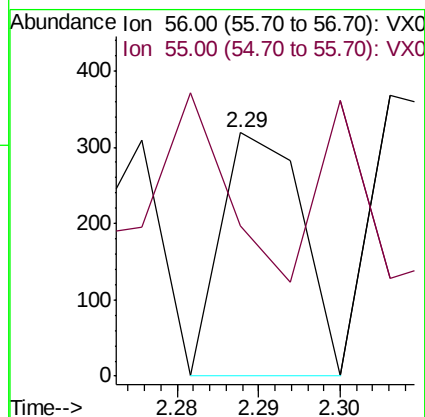
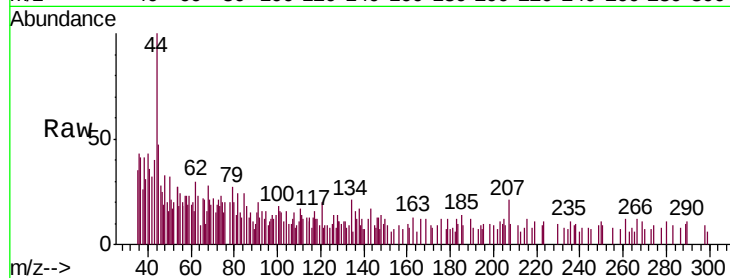
BOTTOM-2ME

Tot Ion: 56 Resp: 220

Ion Ratio Lower Upper

56 100

55 65.5 55.5 83.3



#16

Acetone

Concen: 2.432 ug/l

RT: 2.48 min Scan# 218

Delta R.T. 0.05 min

Lab File: VX011724.D

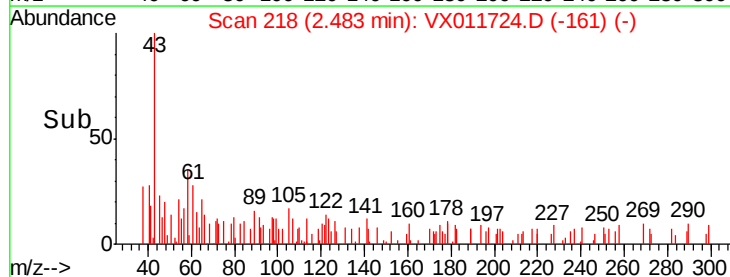
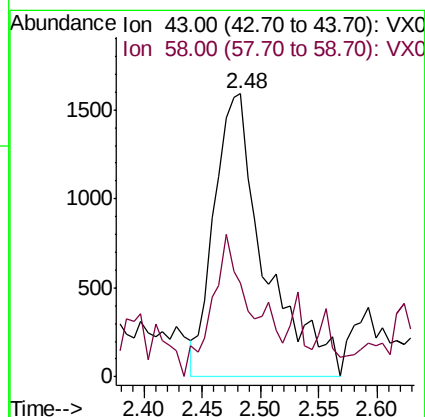
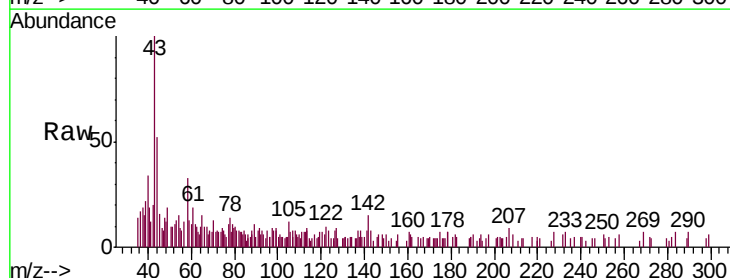
Acq: 21 Aug 2019 11:59

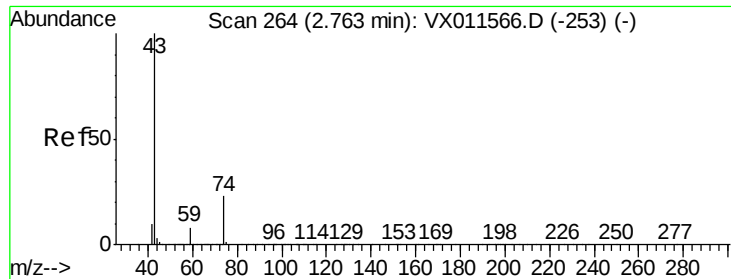
Tgt Ion: 43 Resp: 4801

Ion Ratio Lower Upper

43 100

58 26.3 25.2 37.8

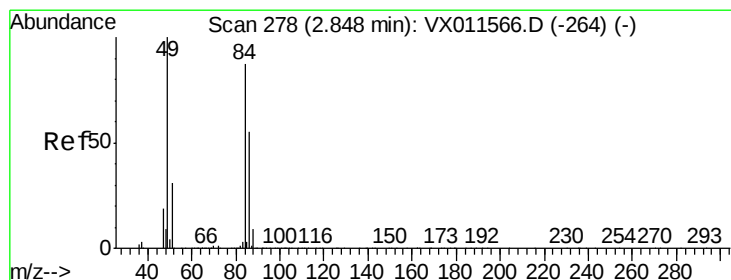
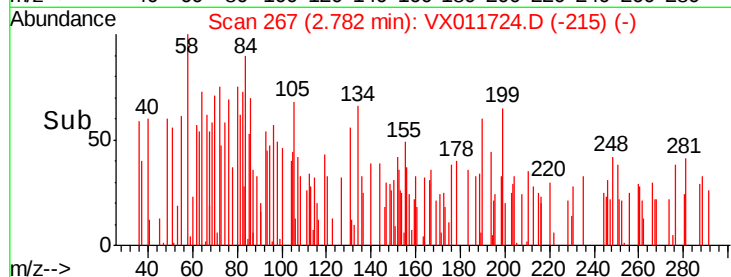
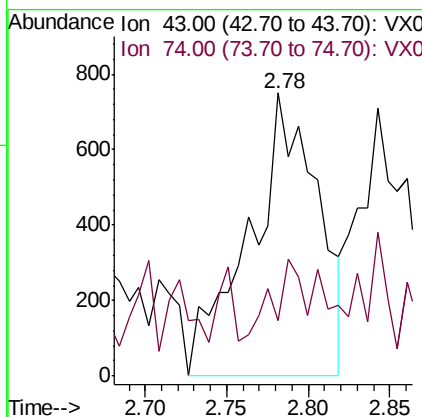
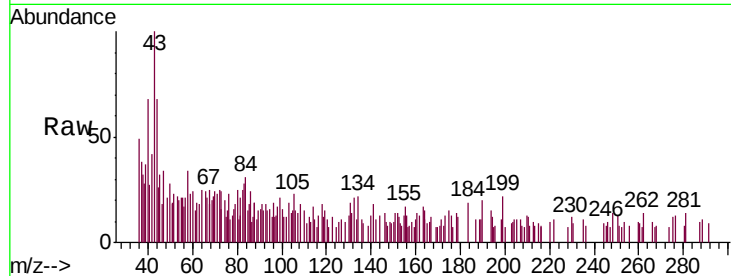




#18
Methyl Acetate
Concen: 0.355 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.02 min
Lab File: VX011724.D
Acq: 21 Aug 2019 11:59

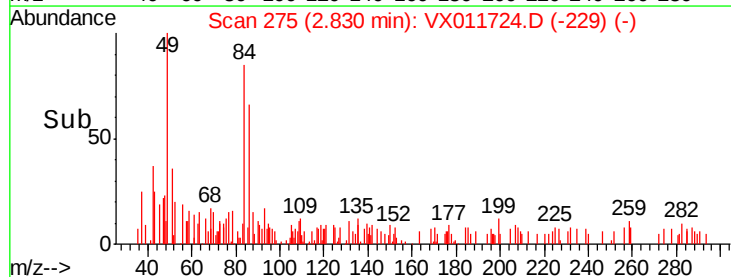
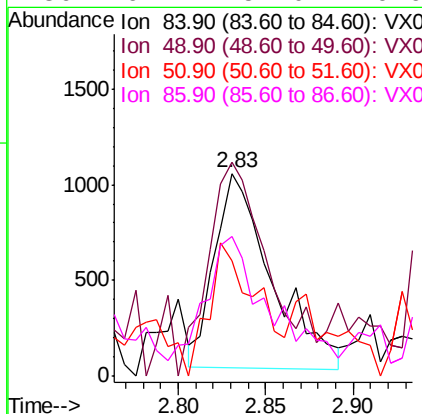
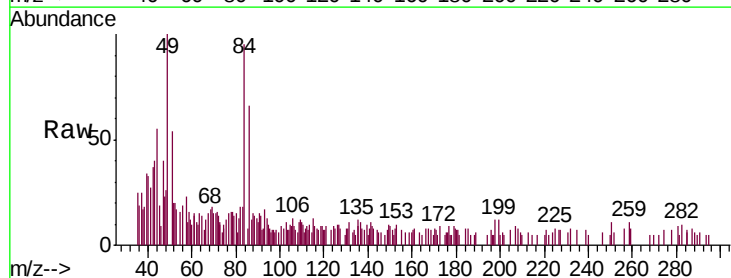
Instrument :
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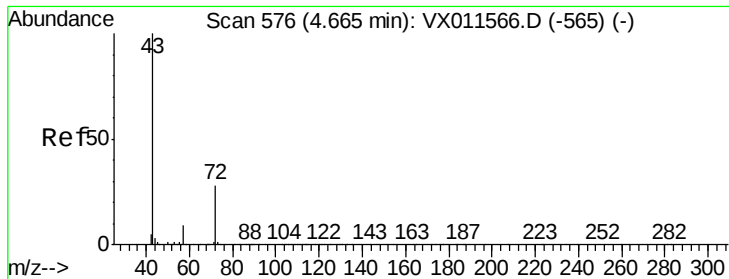
Tot Ion: 43 Resp: 2175
Ion Ratio Lower Upper
43 100
74 17.6 19.7 29.5#



#20
Methylene Chloride
Concen: 0.563 ug/l
RT: 2.83 min Scan# 275
Delta R.T. -0.02 min
Lab File: VX011724.D
Acq: 21 Aug 2019 11:59

Tgt Ion: 84 Resp: 2335
Ion Ratio Lower Upper
84 100
49 94.8 92.4 138.6
51 66.3 28.5 42.7#
86 62.2 51.0 76.6





#25

2-Butanone

Concen: 0.208 ug/l

RT: 4.63 min Scan# 571

Delta R.T. -0.03 min

Lab File: VX011724.D

Acq: 21 Aug 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

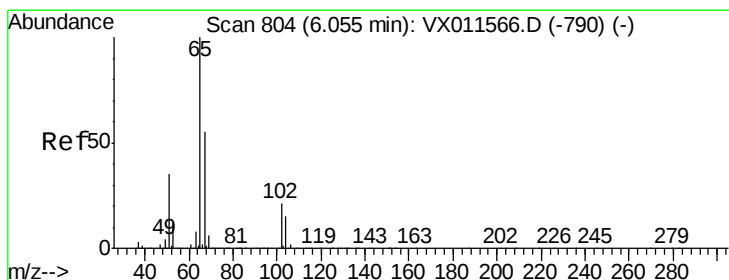
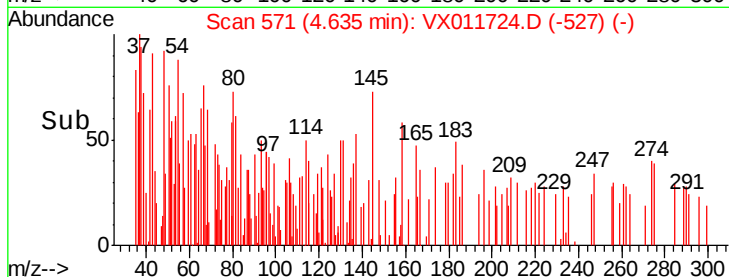
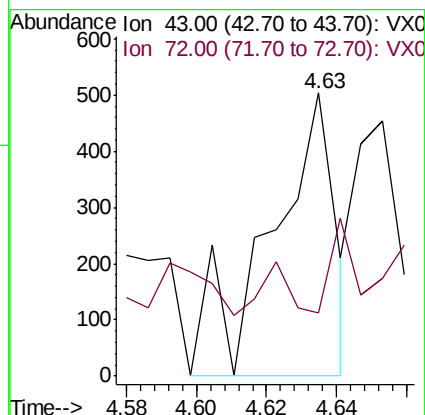
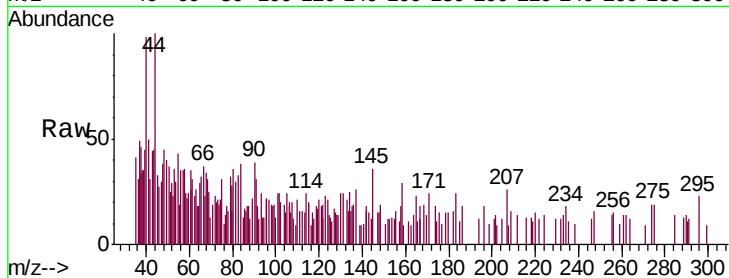
BOTTOM-2ME

Tot Ion: 43 Resp: 646

Ion Ratio Lower Upper

43 100

72 0.0 22.2 33.4#



#33

1,2-Dichloroethane-d4

Concen: 54.465 ug/l

RT: 6.05 min Scan# 803

Delta R.T. -0.01 min

Lab File: VX011724.D

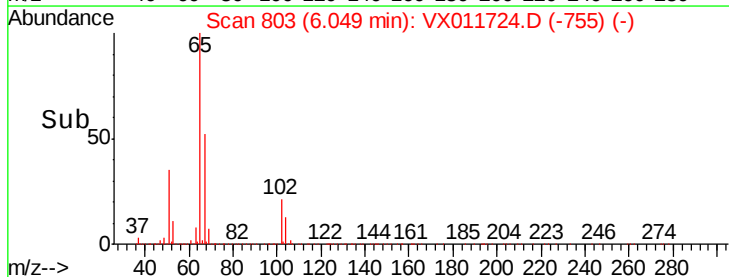
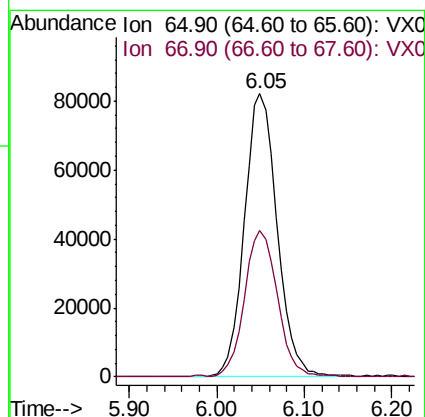
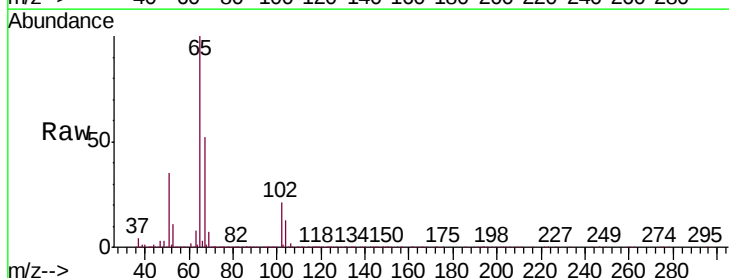
Acq: 21 Aug 2019 11:59

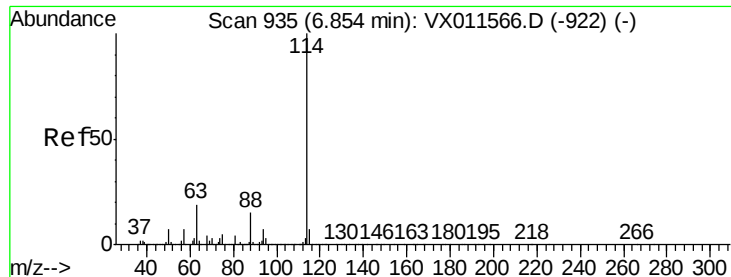
Tgt Ion: 65 Resp: 213847

Ion Ratio Lower Upper

65 100

67 51.5 0.0 107.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 934

Delta R.T. -0.01 min

Lab File: VX011724.D

Acq: 21 Aug 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

BOTTOM-2ME

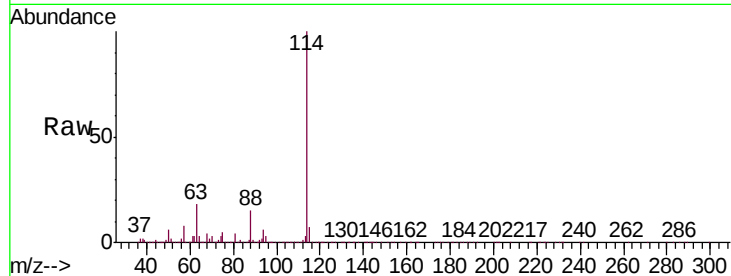
Tot Ion:114 Resp: 608617

Ion Ratio Lower Upper

114 100

63 18.2 0.0 37.8

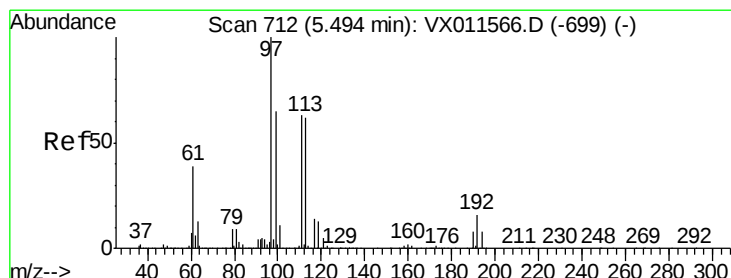
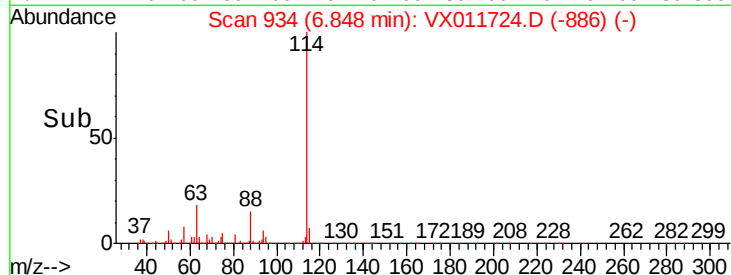
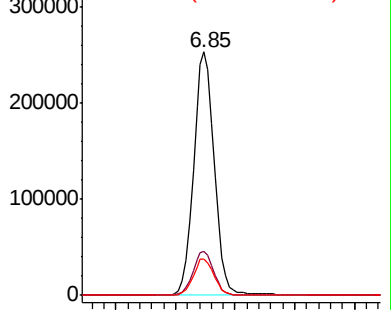
88 15.1 0.0 30.2



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: 41.527 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011724.D

Acq: 21 Aug 2019 11:59

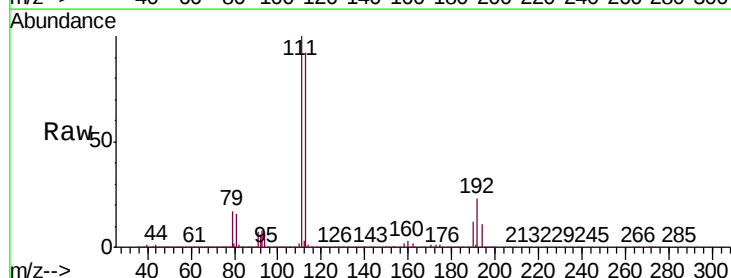
Tgt Ion:113 Resp: 165310

Ion Ratio Lower Upper

113 100

111 104.0 81.1 121.7

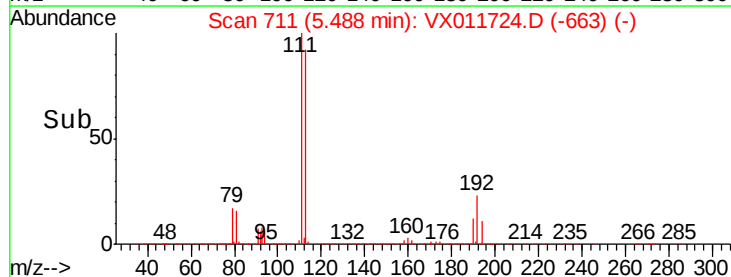
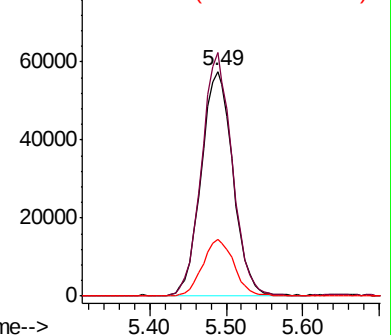
192 25.2 20.8 31.2

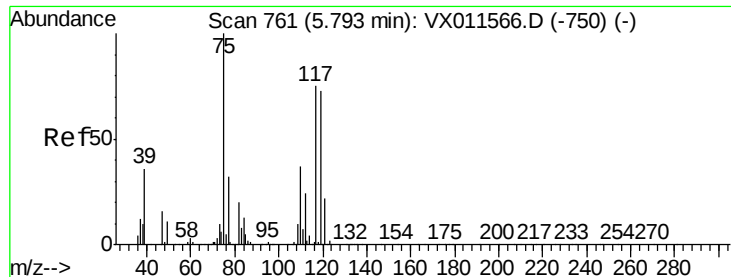


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.839 ug/l

RT: 5.64 min Scan# 736

Delta R.T. -0.15 min

Lab File: VX011724.D

Acq: 21 Aug 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

BOTTOM-2ME

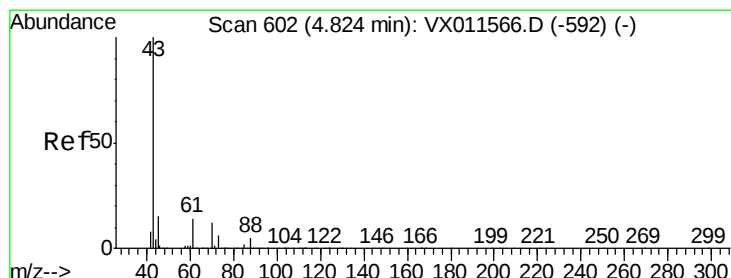
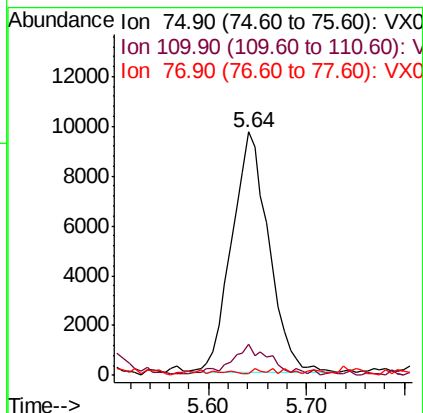
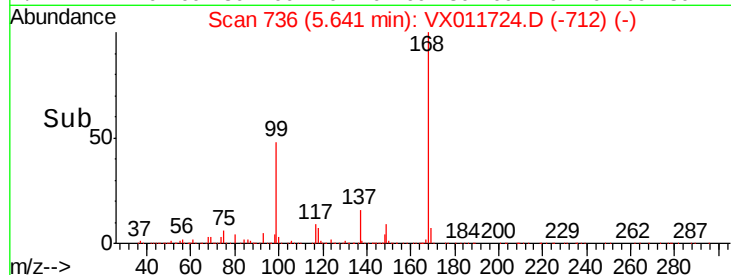
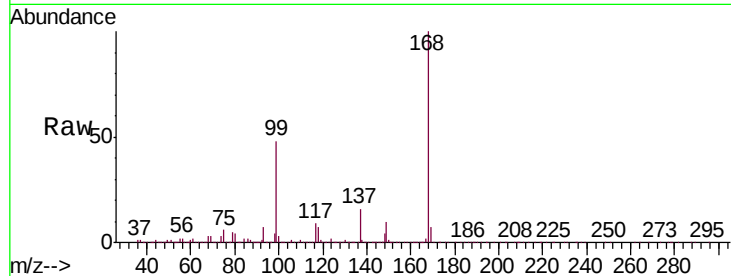
Tot Ion: 75 Resp: 25178

Ion Ratio Lower Upper

75 100

110 11.4 19.4 58.1#

77 0.5 25.1 37.7#



#37

Ethyl Acetate

Concen: 0.203 ug/l

RT: 4.82 min Scan# 601

Delta R.T. -0.01 min

Lab File: VX011724.D

Acq: 21 Aug 2019 11:59

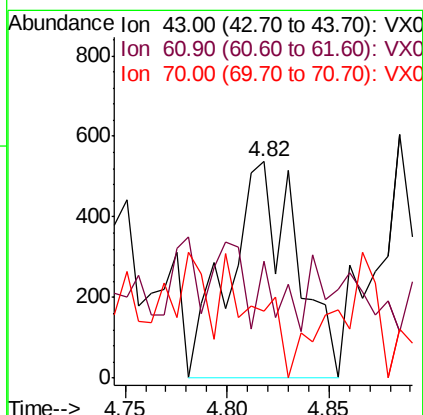
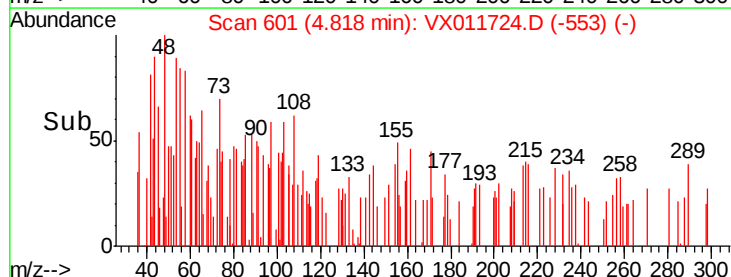
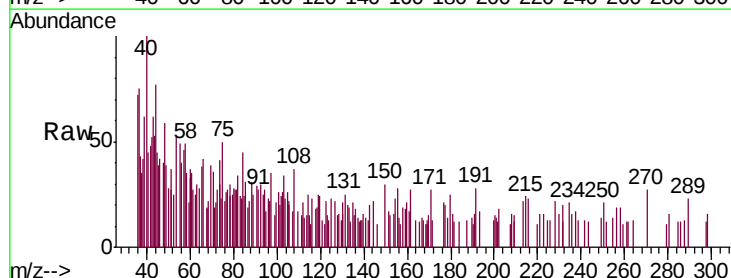
Tgt Ion: 43 Resp: 1215

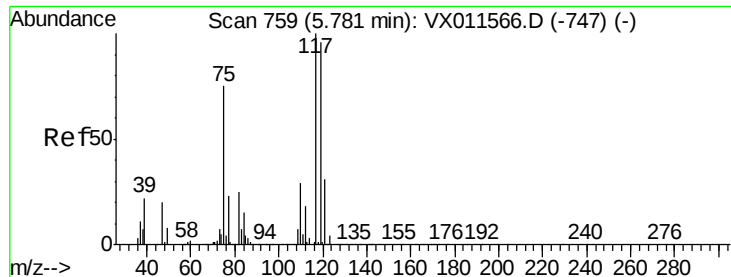
Ion Ratio Lower Upper

43 100

61 17.2 11.4 17.0#

70 0.0 9.0 13.6#

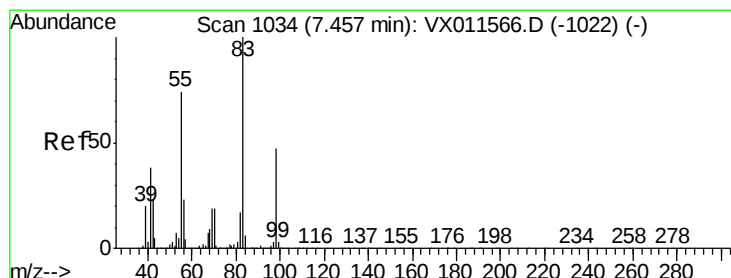
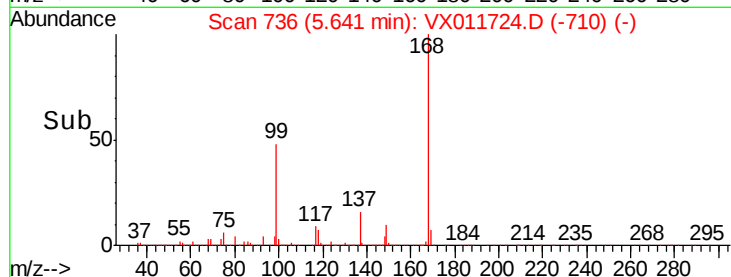
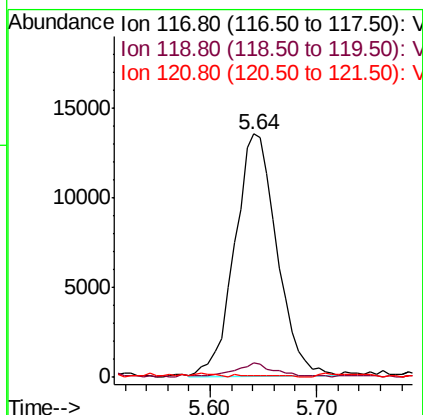
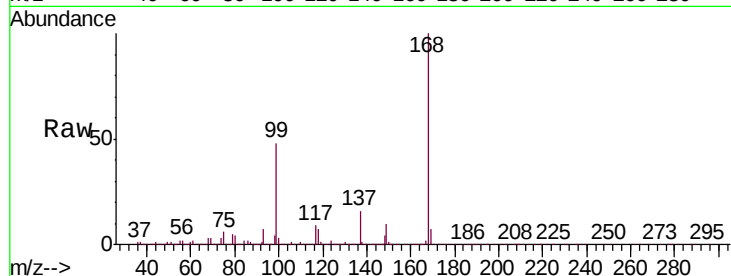




#38
Carbon Tetrachloride
Concen: 6.545 ug/l
RT: 5.64 min Scan# 736
Delta R.T. -0.14 min
Lab File: VX011724.D
Acq: 21 Aug 2019 11:59

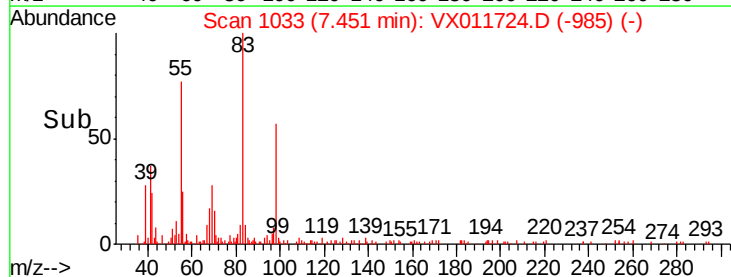
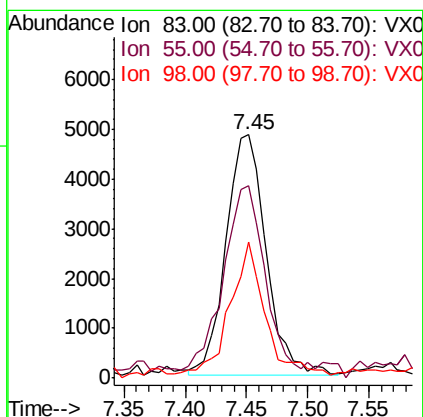
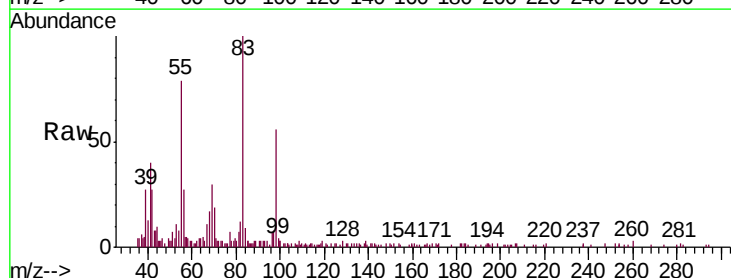
Instrument :
MSVOA_X
ClientSampleId :
BOTTOM-2ME

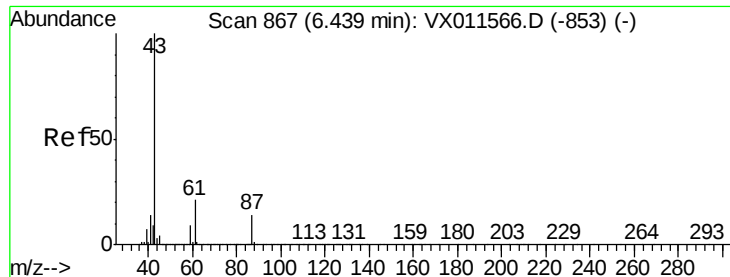
Tot Ion	Ratio	Lower	Upper
117	100		
119	5.8	76.9	115.3#
121	0.1	24.8	37.2#



#39
Methylcyclohexane
Concen: 1.715 ug/l
RT: 7.45 min Scan# 1033
Delta R.T. -0.01 min
Lab File: VX011724.D
Acq: 21 Aug 2019 11:59

Tgt Ion	Ratio	Lower	Upper
83	100		
55	75.7	58.8	88.2
98	54.5	37.8	56.6





#43

Isopropyl Acetate

Concen: 0.245 ug/l

RT: 6.48 min Scan# 873

Delta R.T. 0.04 min

Lab File: VX011724.D

Acq: 21 Aug 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

BOTTOM-2ME

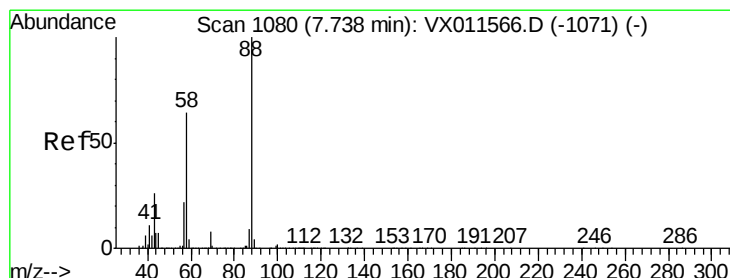
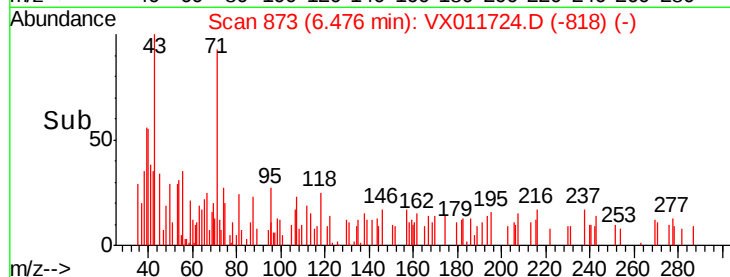
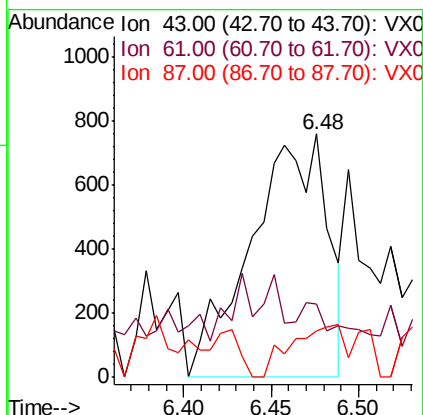
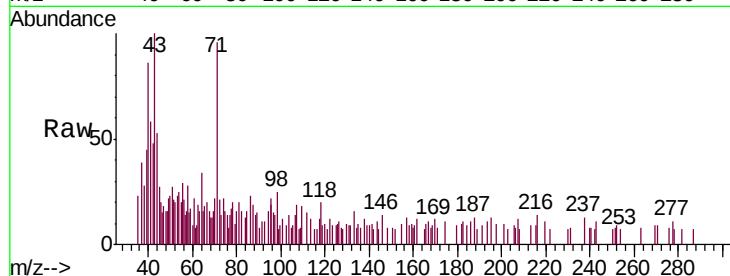
Tot Ion: 43 Resp: 2291

Ion Ratio Lower Upper

43 100

61 0.0 16.6 24.8#

87 15.0 11.4 17.2



#49

1,4-Dioxane

Concen: 1.748 ug/l

RT: 7.72 min Scan# 1077

Delta R.T. -0.02 min

Lab File: VX011724.D

Acq: 21 Aug 2019 11:59

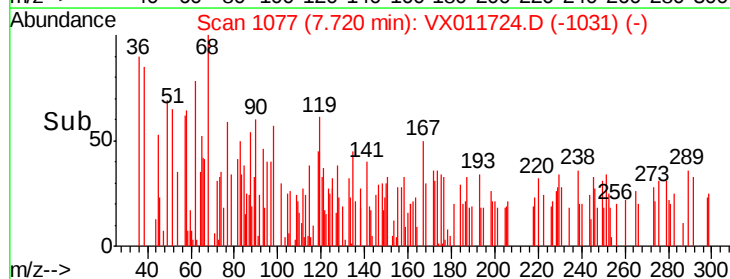
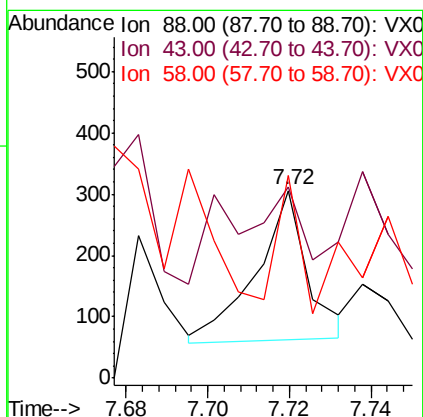
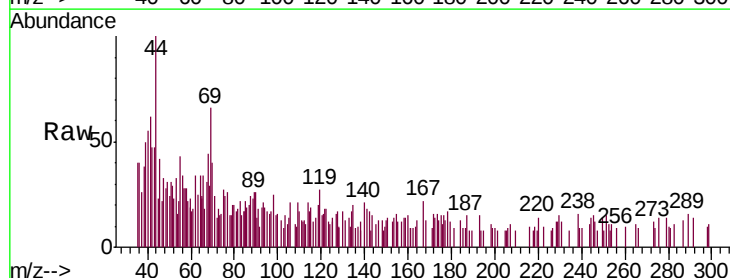
Tgt Ion: 88 Resp: 215

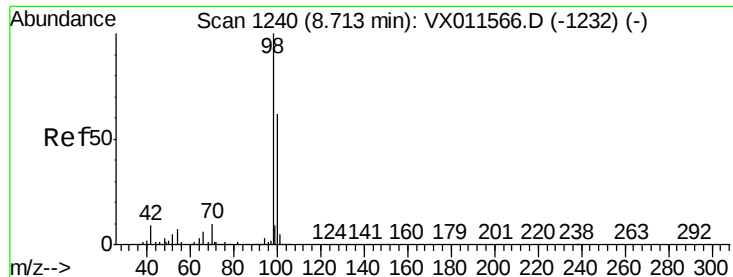
Ion Ratio Lower Upper

88 100

43 90.2 23.4 35.0#

58 38.6 54.3 81.5#





#50

Toluene-d8

Concen: 56.314 ug/l

RT: 8.71 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VX011724.D

Acq: 21 Aug 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

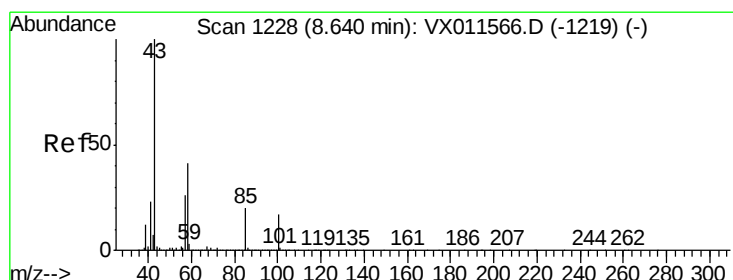
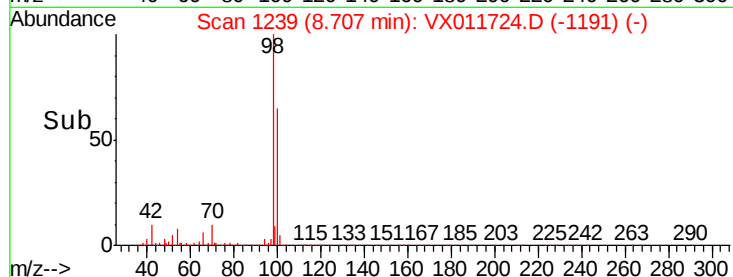
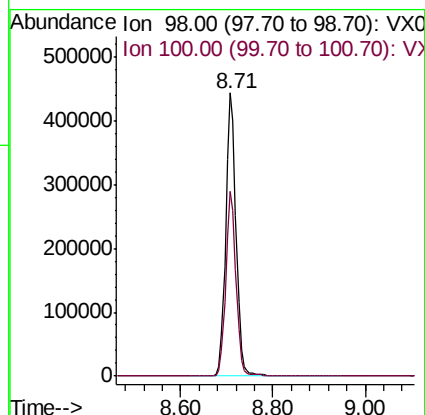
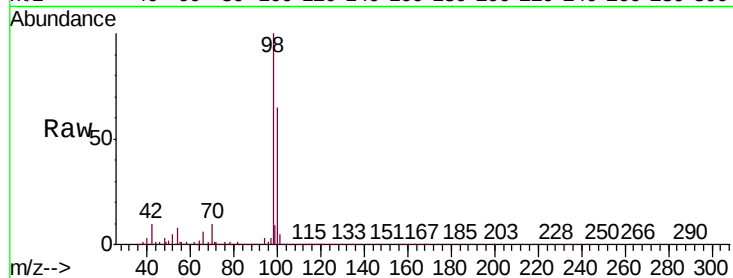
BOTTOM-2ME

Tot Ion: 98 Resp: 698492

Ion Ratio Lower Upper

98 100

100 64.7 52.4 78.6



#51

4-Methyl-2-Pentanone

Concen: 0.436 ug/l

RT: 8.66 min Scan# 1231

Delta R.T. 0.02 min

Lab File: VX011724.D

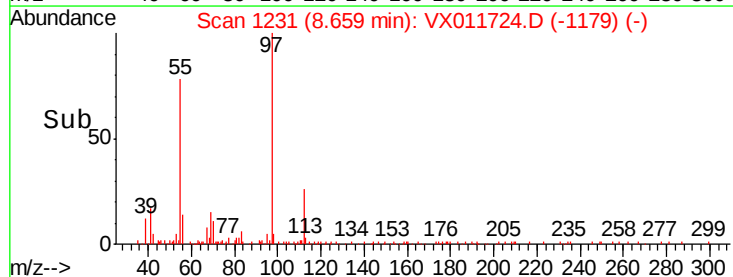
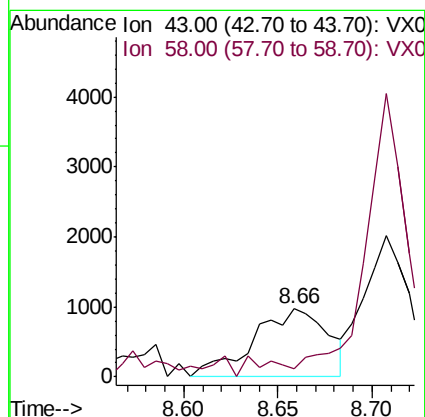
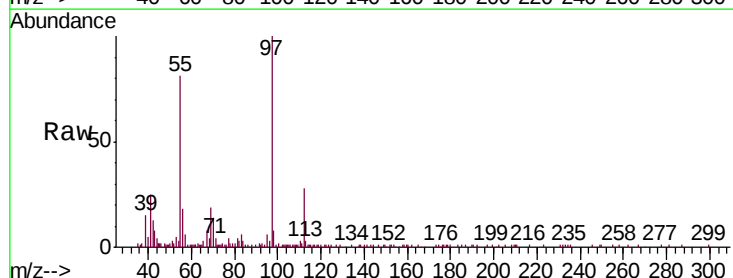
Acq: 21 Aug 2019 11:59

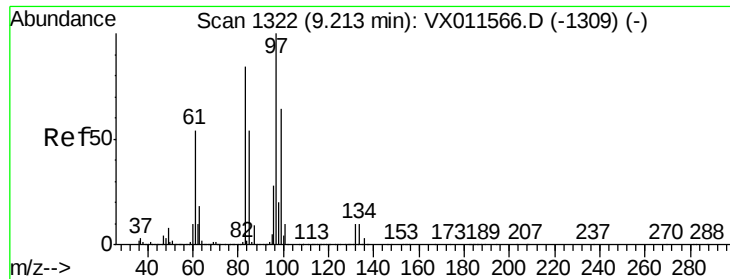
Tgt Ion: 43 Resp: 2667

Ion Ratio Lower Upper

43 100

58 0.0 31.8 47.6#





#55

1,1,2-Trichloroethane

Concen: 1.557 ug/l

RT: 9.16 min Scan# 1313

Delta R.T. -0.05 min

Lab File: VX011724.D

Acq: 21 Aug 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

BOTTOM-2ME

Tot Ion: 97 Resp: 6821

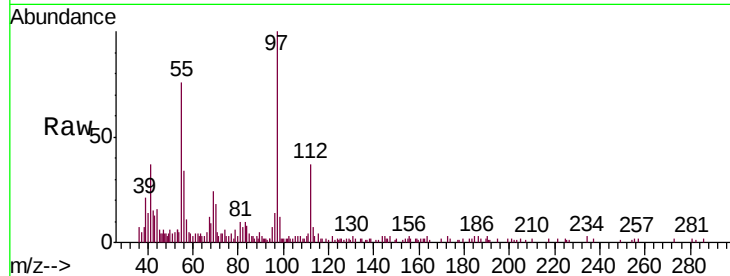
Ion Ratio Lower Upper

97 100

83 6.0 67.4 101.0#

85 1.3 43.4 65.2#

99 1.1 51.1 76.7#

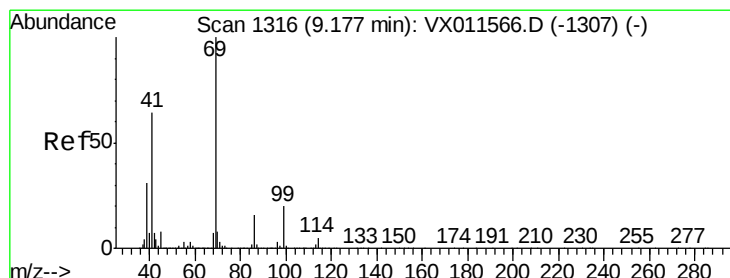
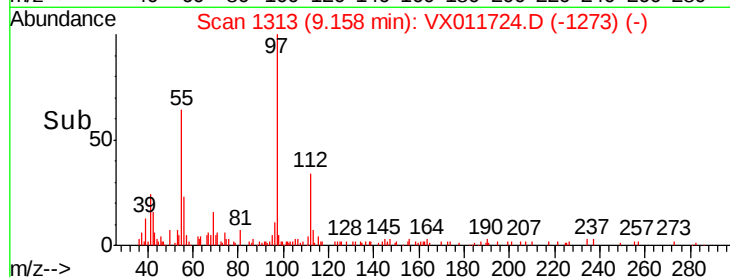
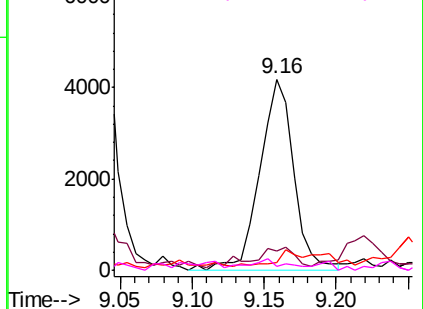


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 0.253 ug/l

RT: 9.16 min Scan# 1313

Delta R.T. -0.02 min

Lab File: VX011724.D

Acq: 21 Aug 2019 11:59

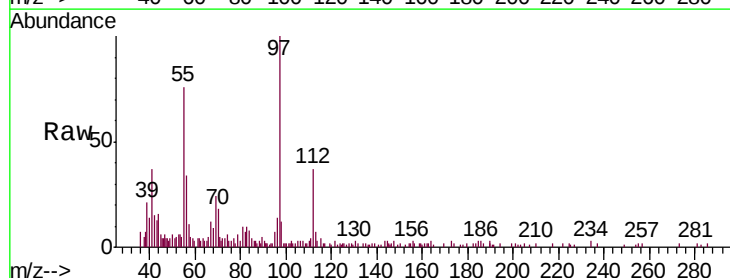
Tgt Ion: 69 Resp: 1614

Ion Ratio Lower Upper

69 100

41 150.5 52.1 78.1#

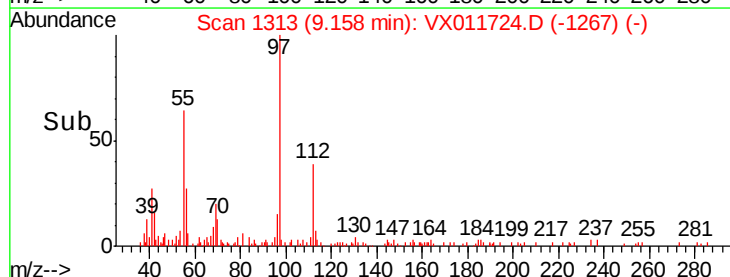
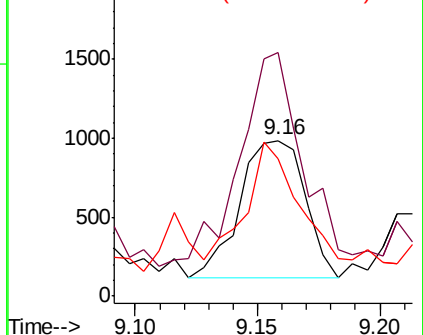
39 64.2 25.4 38.0#

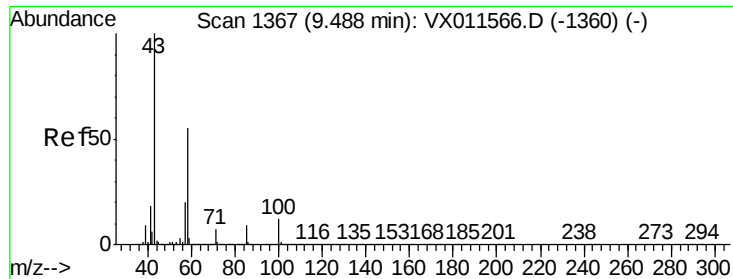


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

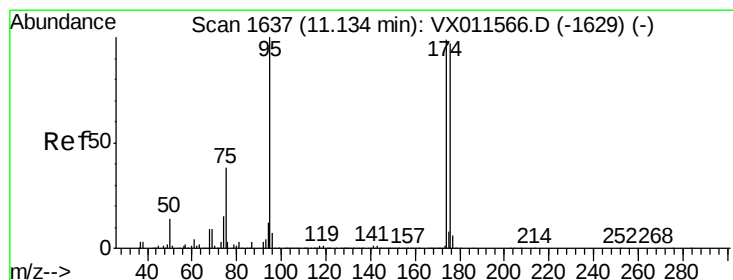
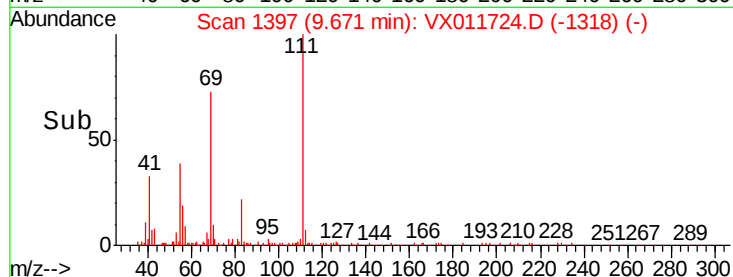
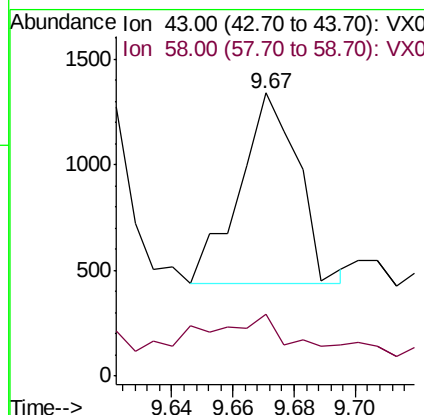
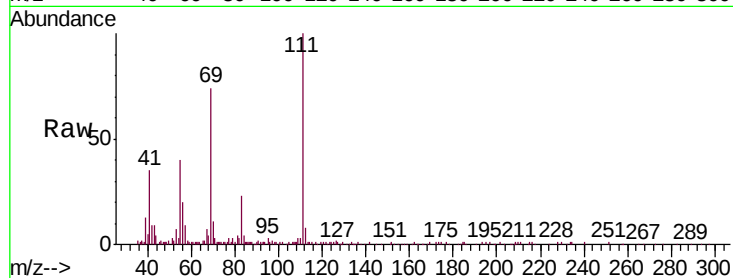




#59
2-Hexanone
Concen: 0.254 ug/l
RT: 9.67 min Scan# 1397
Delta R.T. 0.18 min
Lab File: VX011724.D
Acq: 21 Aug 2019 11:59

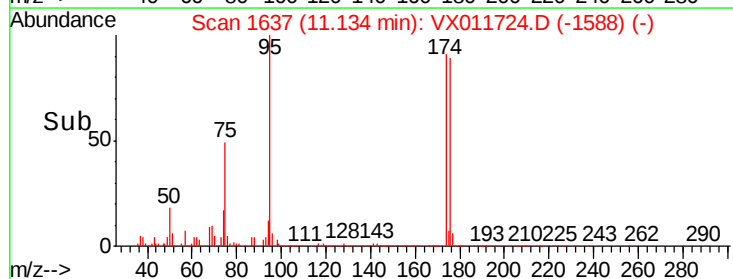
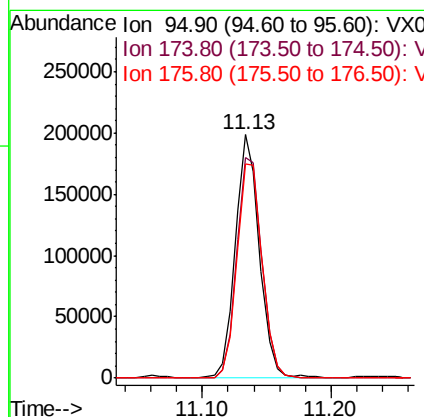
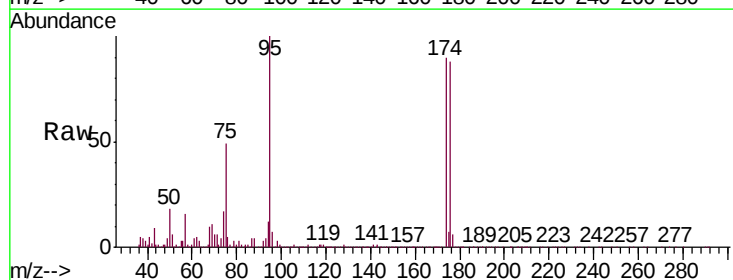
Instrument :
MSVOA_X
ClientSampleId :
BOTTOM-2ME

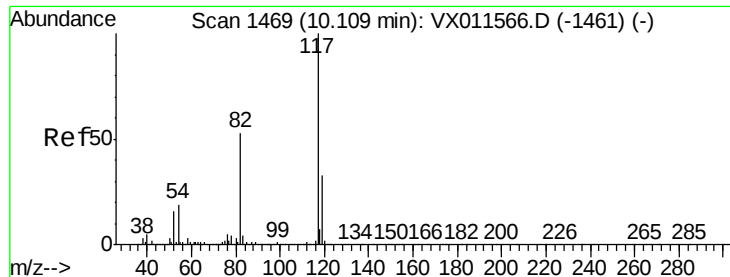
Tot Ion: 43 Resp: 1198
Ion Ratio Lower Upper
43 100
58 32.8 27.5 82.4



#62
4-Bromofluorobenzene
Concen: 49.217 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011724.D
Acq: 21 Aug 2019 11:59

Tgt Ion: 95 Resp: 257665
Ion Ratio Lower Upper
95 100
174 95.1 0.0 200.6
176 92.7 0.0 196.6

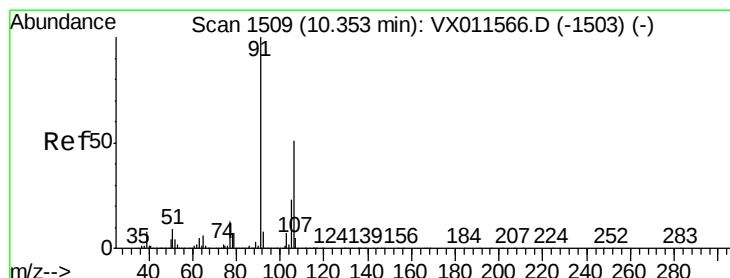
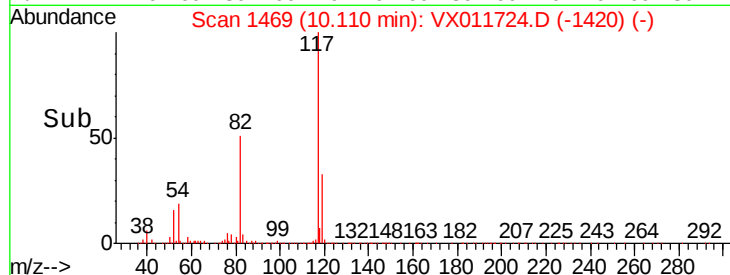
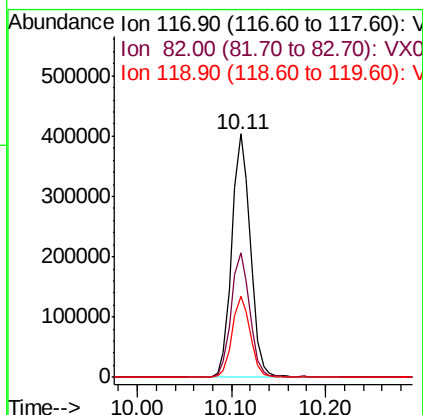
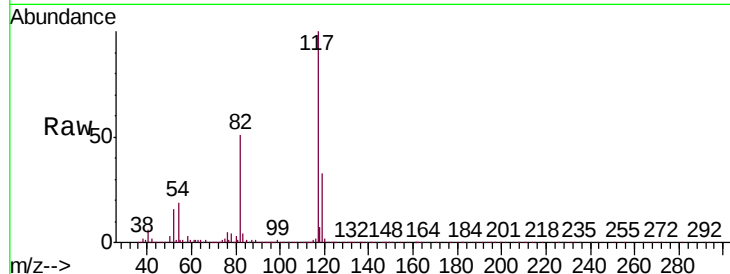




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011724.D
Acq: 21 Aug 2019 11:59

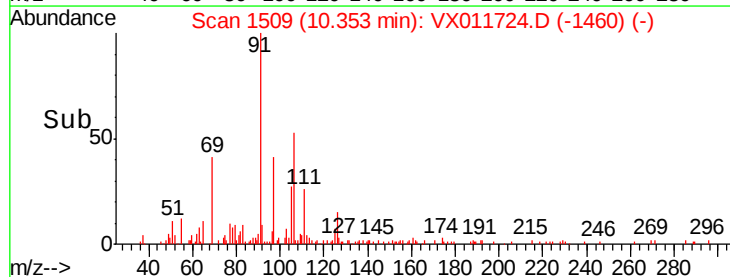
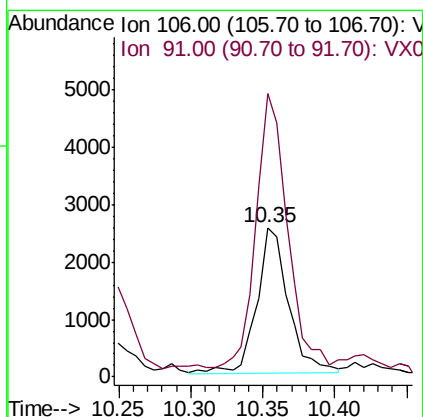
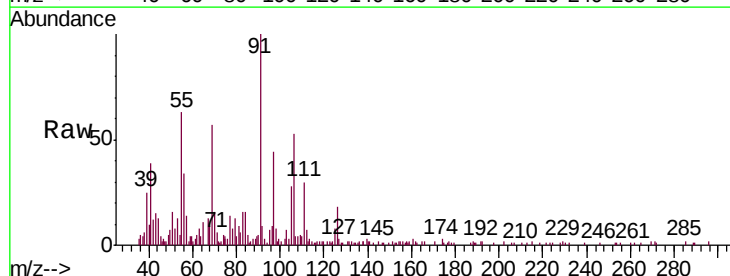
Instrument :
MSVOA_X
ClientSampleId :
BOTTOM-2ME

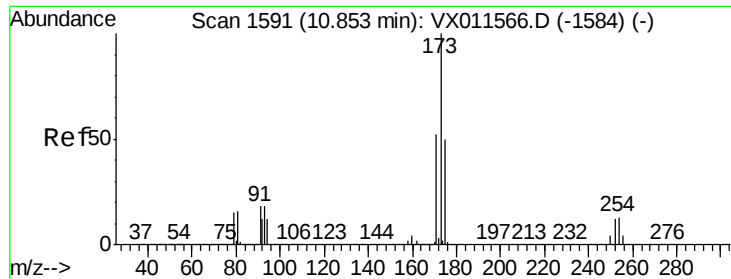
Tot Ion	Ratio	Lower	Upper
117	100		
82	50.9	42.0	63.0
119	33.3	26.5	39.7



#68
m/p-Xylenes
Concen: 0.507 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. 0.00 min
Lab File: VX011724.D
Acq: 21 Aug 2019 11:59

Tgt Ion	Ratio	Lower	Upper
106	100		
91	186.5	156.0	234.0





#71

Bromoform

Concen: 3.322 ug/l

RT: 10.85 min Scan# 1590

Delta R.T. -0.01 min

Lab File: VX011724.D

Acq: 21 Aug 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

BOTTOM-2ME

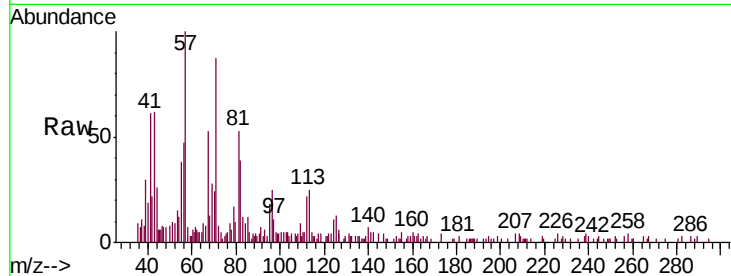
Tot Ion:173 Resp: 139

Ion Ratio Lower Upper

173 100

175 0.0 24.9 74.7#

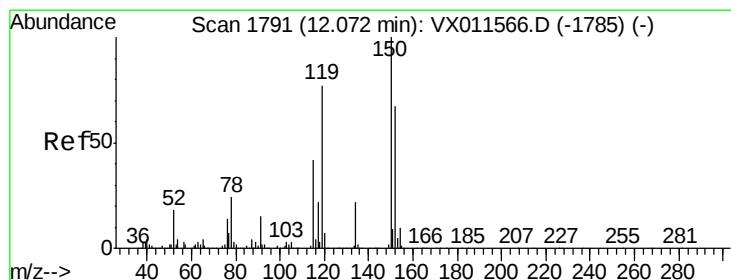
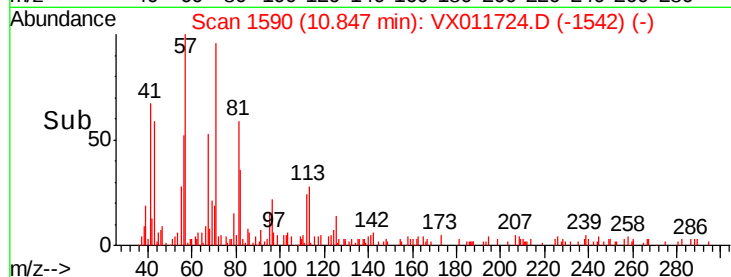
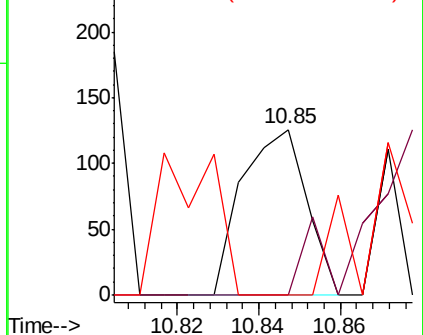
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.01 min

Lab File: VX011724.D

Acq: 21 Aug 2019 11:59

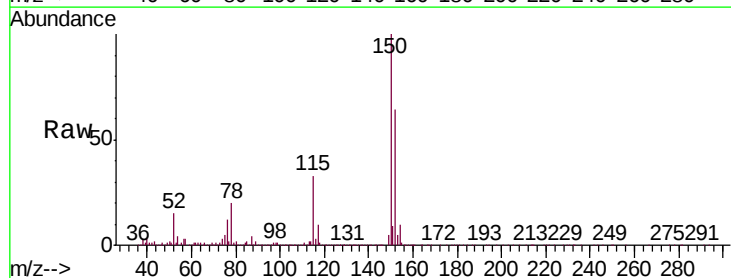
Tgt Ion:152 Resp: 308176

Ion Ratio Lower Upper

152 100

115 53.4 37.3 111.9

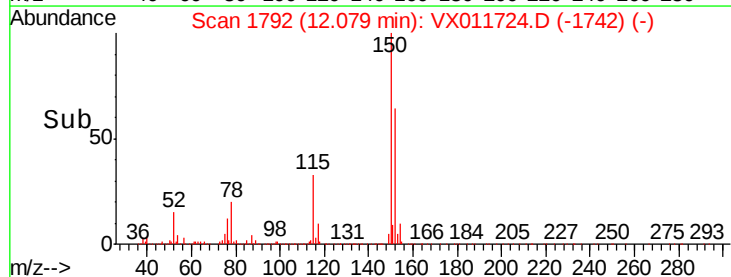
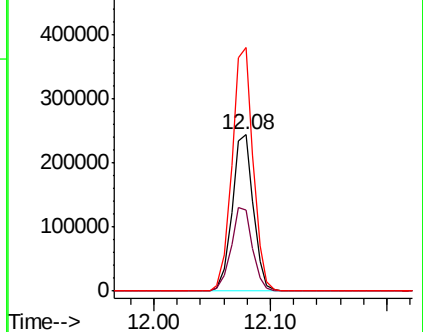
150 155.9 0.0 346.2

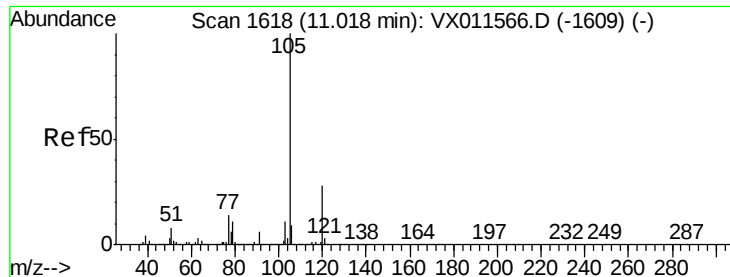


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.254 ug/l

RT: 11.01 min Scan# 1617

Delta R.T. -0.01 min

Lab File: VX011724.D

Acq: 21 Aug 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

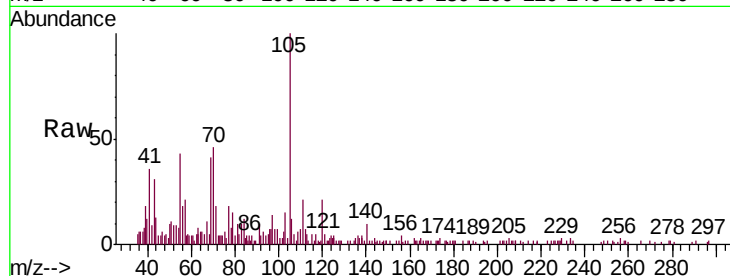
BOTTOM-2ME

Tot Ion:105 Resp: 5079

Ion Ratio Lower Upper

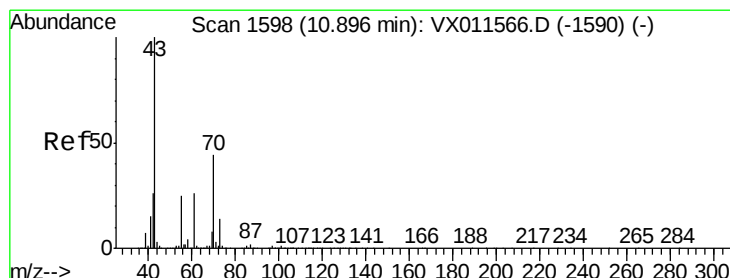
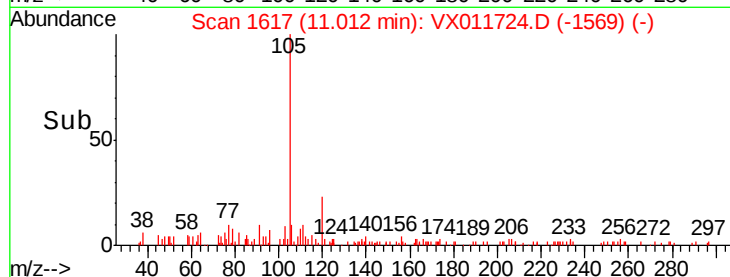
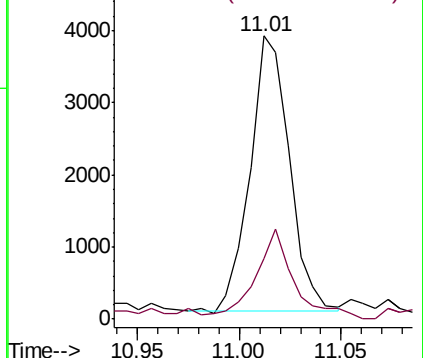
105 100

120 32.5 14.0 41.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 0.316 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.01 min

Lab File: VX011724.D

Acq: 21 Aug 2019 11:59

Tgt Ion: 43 Resp: 2684

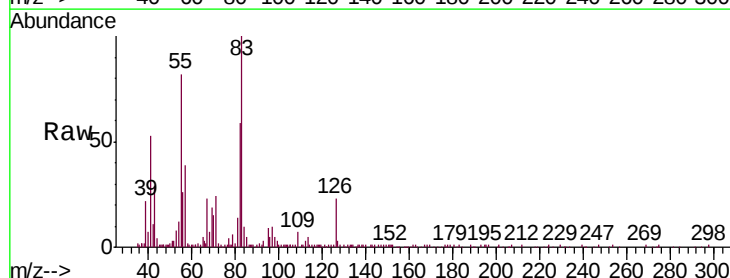
Ion Ratio Lower Upper

43 100

70 102.8 34.7 52.1#

55 739.9 19.6 29.4#

61 14.5 19.9 29.9#

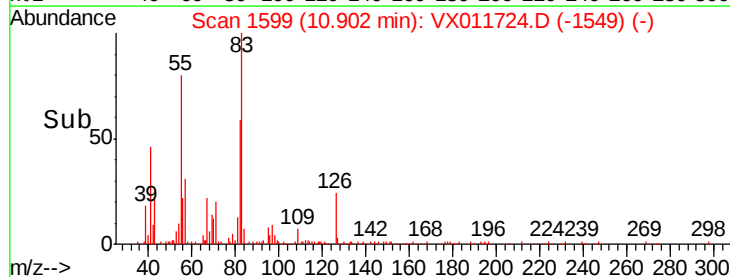
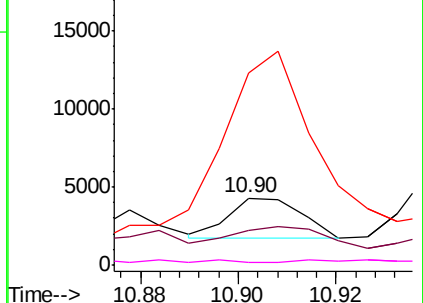


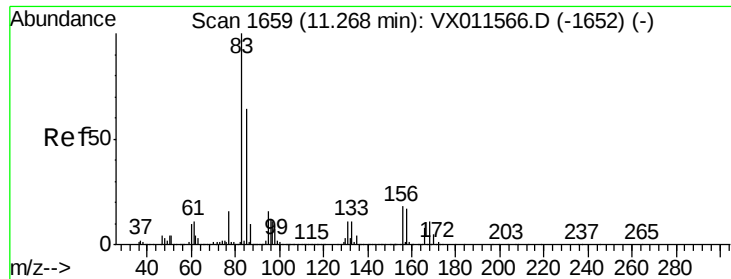
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 0.291 ug/l

RT: 11.24 min Scan# 1654

Delta R.T. -0.03 min

Lab File: VX011724.D

Acq: 21 Aug 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

BOTTOM-2ME

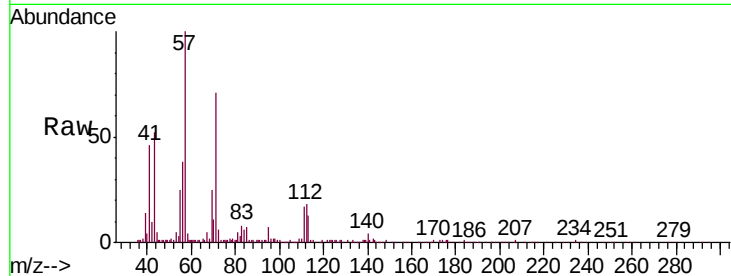
Tot Ion: 83 Resp: 2003

Ion Ratio Lower Upper

83 100

131 9.5 5.8 17.3

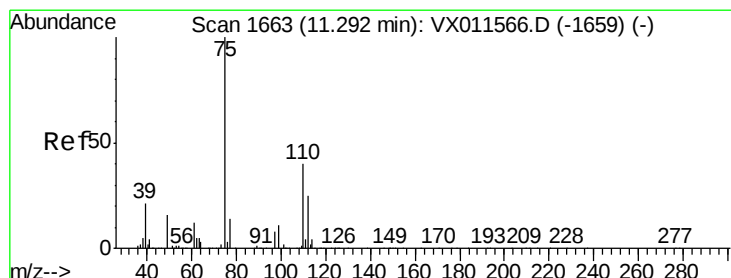
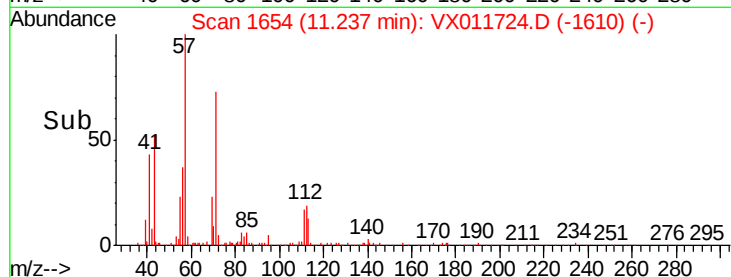
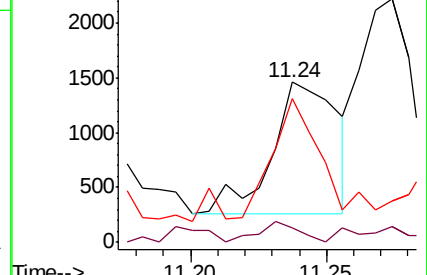
85 87.8 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 20.820 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX011724.D

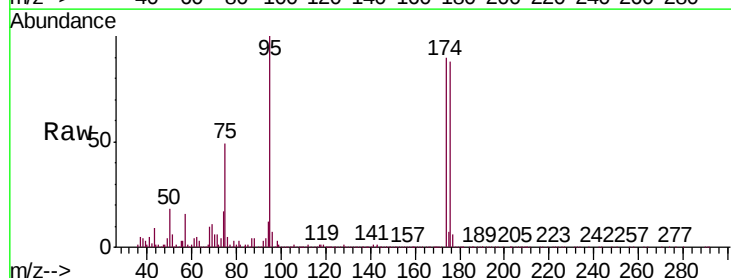
Acq: 21 Aug 2019 11:59

Tgt Ion: 75 Resp: 121664

Ion Ratio Lower Upper

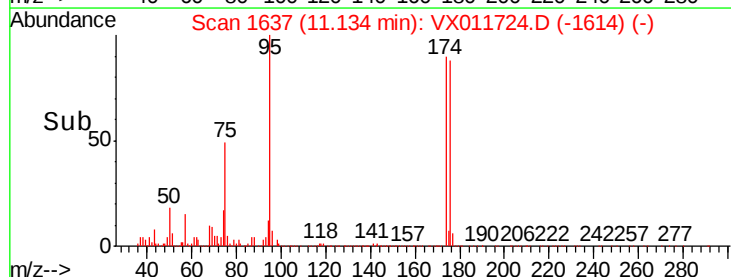
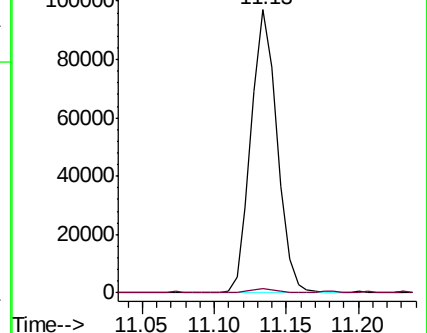
75 100

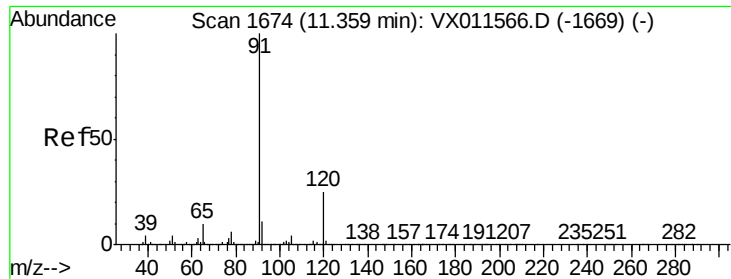
77 1.4 20.9 62.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 0.442 ug/l

RT: 11.35 min Scan# 1673

Delta R.T. -0.01 min

Lab File: VX011724.D

Acq: 21 Aug 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

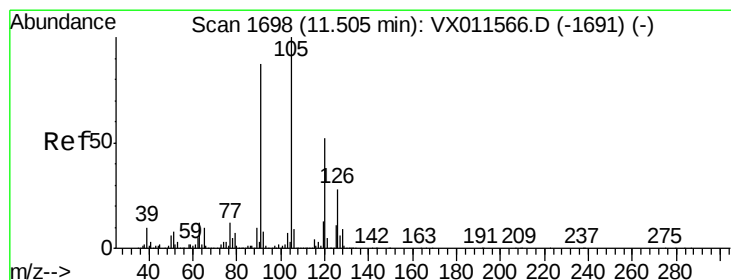
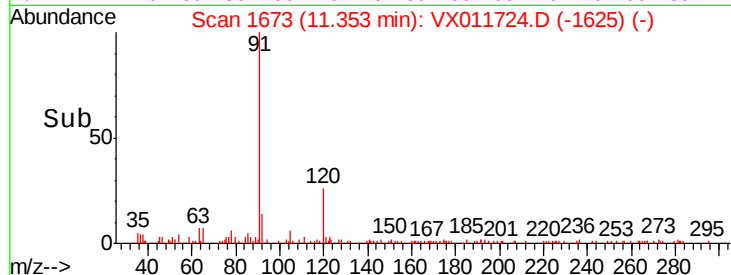
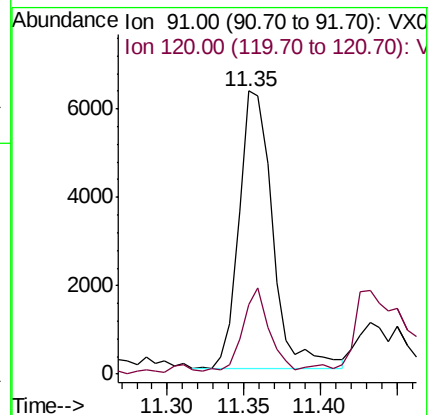
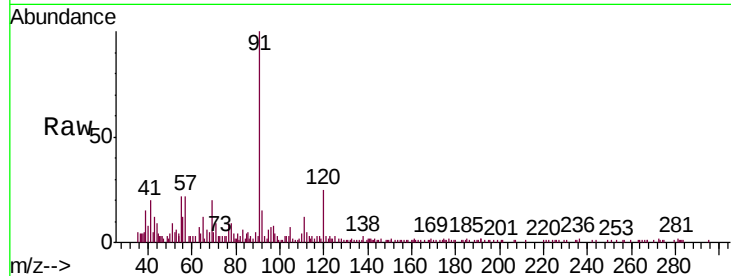
BOTTOM-2ME

Tot Ion: 91 Resp: 9535

Ion Ratio Lower Upper

91 100

120 26.0 12.6 37.6



#80

1,3,5-Trimethylbenzene

Concen: 1.311 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011724.D

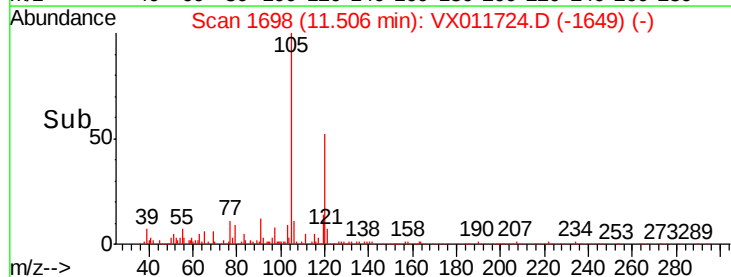
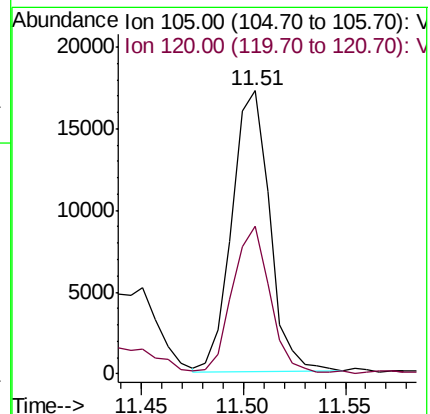
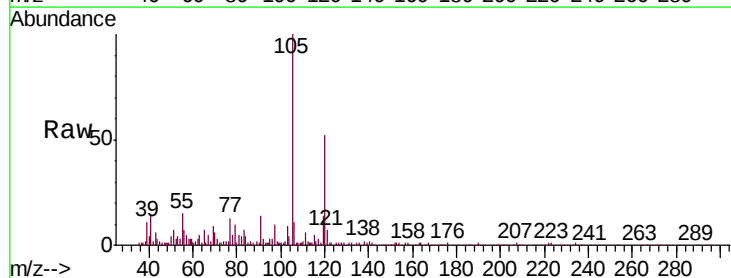
Acq: 21 Aug 2019 11:59

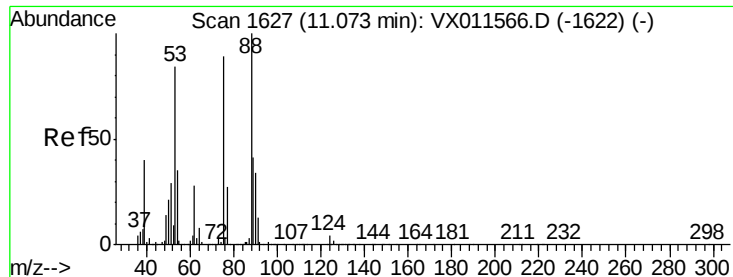
Tgt Ion: 105 Resp: 22030

Ion Ratio Lower Upper

105 100

120 53.1 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 55.825 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX011724.D

Acq: 21 Aug 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

BOTTOM-2ME

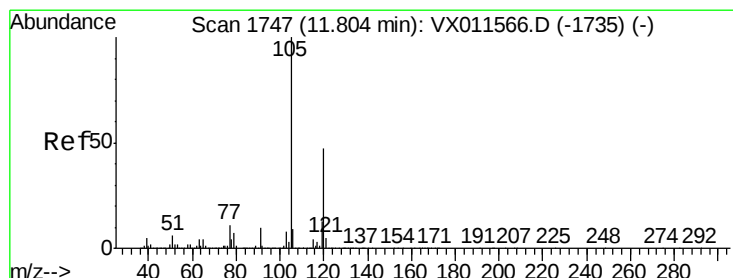
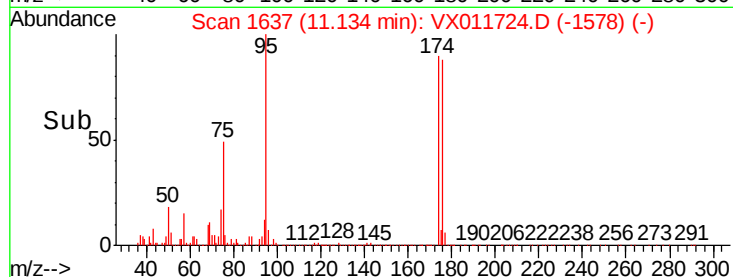
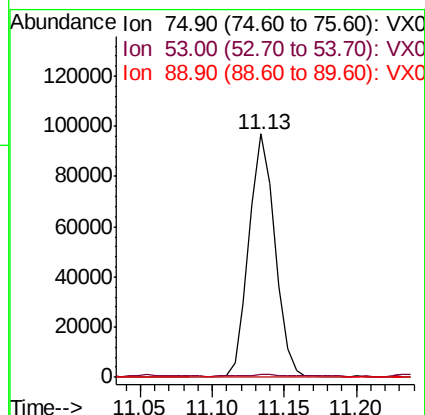
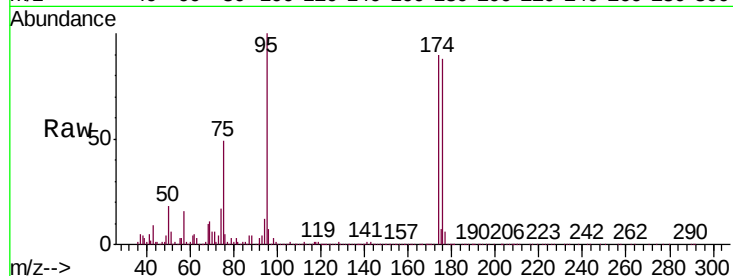
Tot Ion: 75 Resp: 121664

Ion Ratio Lower Upper

75 100

53 1.2 77.4 116.0#

89 0.1 37.3 55.9#



#84

1,2,4-Trimethylbenzene

Concen: 3.039 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX011724.D

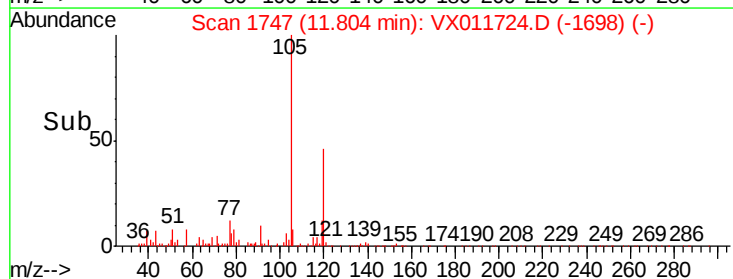
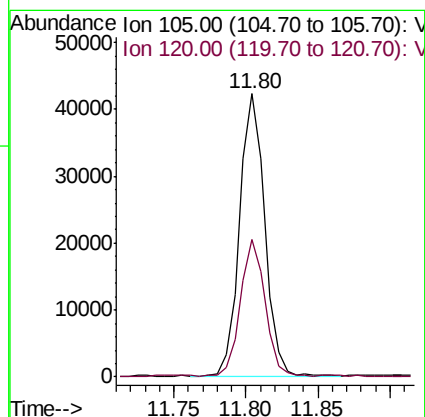
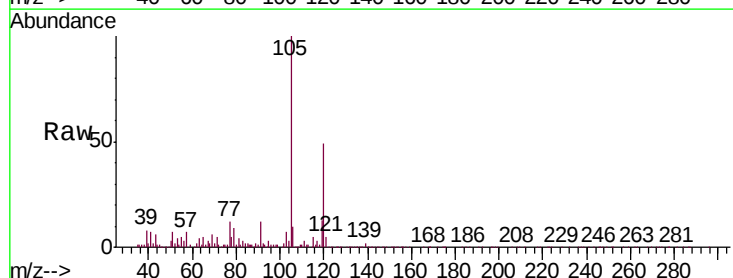
Acq: 21 Aug 2019 11:59

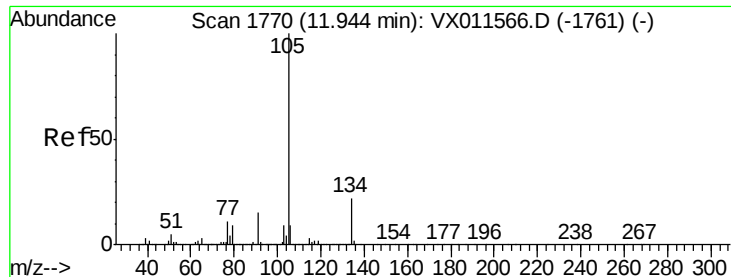
Tgt Ion: 105 Resp: 51251

Ion Ratio Lower Upper

105 100

120 47.0 23.3 69.9





#85

sec-Butylbenzene

Concen: 0.282 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011724.D

Acq: 21 Aug 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

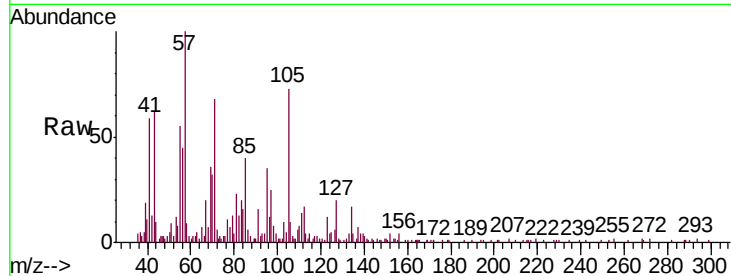
BOTTOM-2ME

Tot Ion:105 Resp: 5436

Ion Ratio Lower Upper

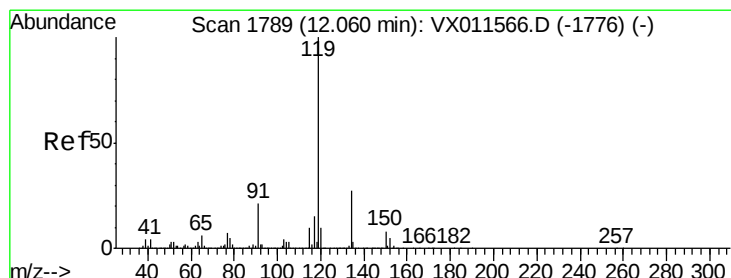
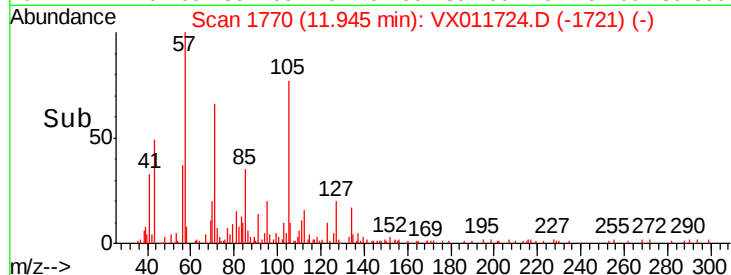
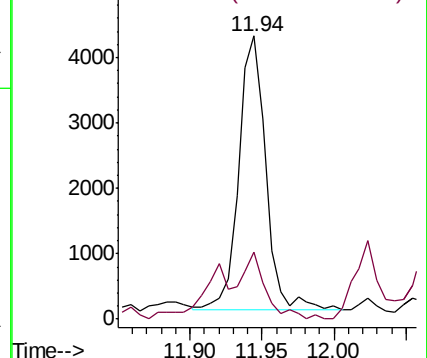
105 100

134 19.6 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.238 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.04 min

Lab File: VX011724.D

Acq: 21 Aug 2019 11:59

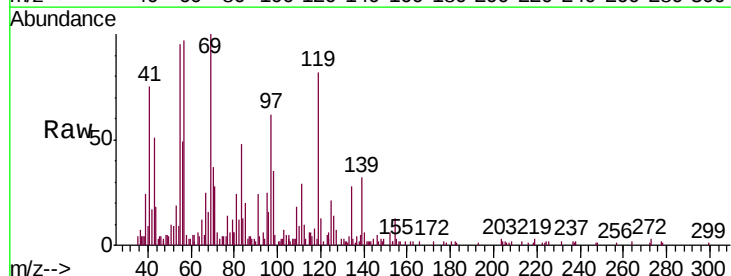
Tgt Ion:119 Resp: 4321

Ion Ratio Lower Upper

119 100

134 32.8 13.6 40.8

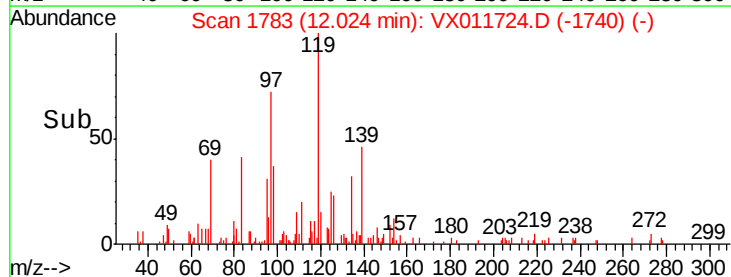
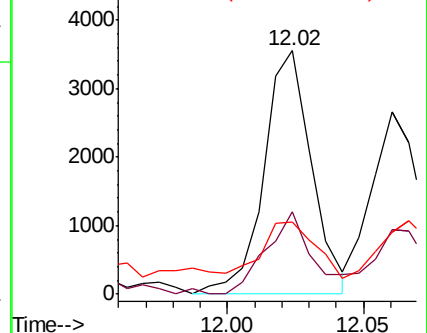
91 25.3 10.9 32.9

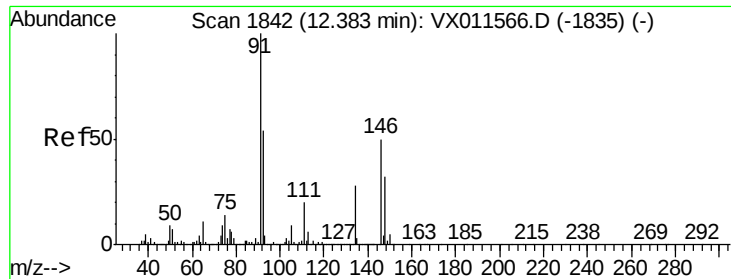


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

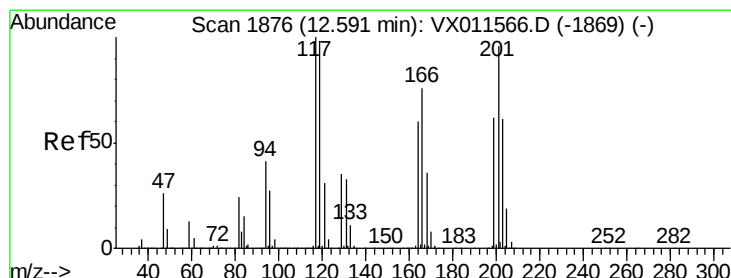
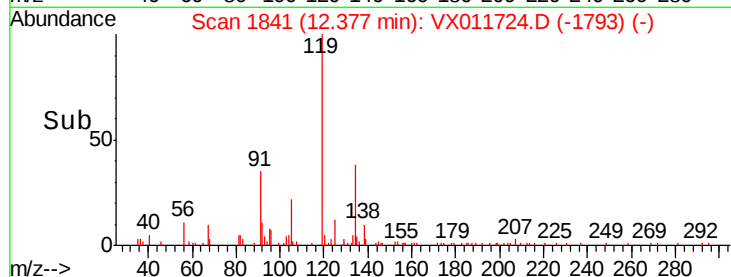
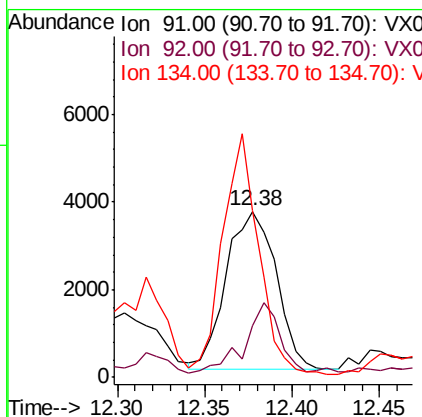
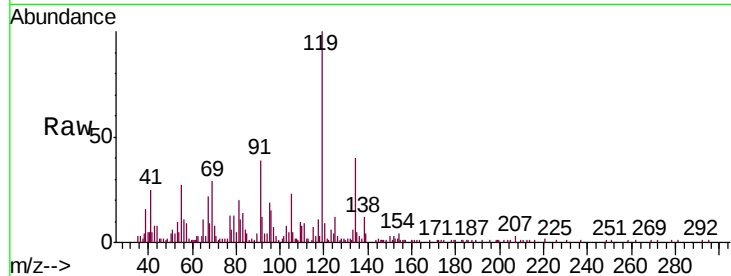




#89
n-Butylbenzene
Concen: 0.478 ug/l
RT: 12.38 min Scan# 1841
Delta R.T. -0.01 min
Lab File: VX011724.D
Acq: 21 Aug 2019 11:59

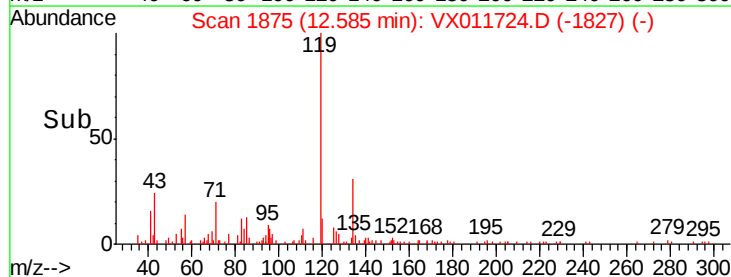
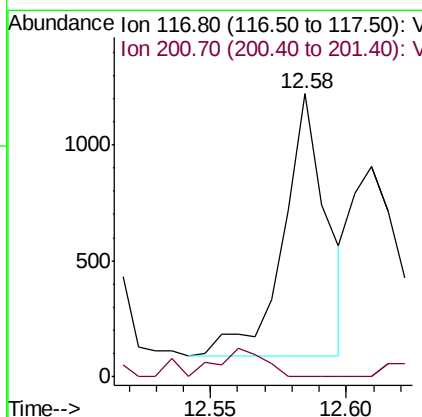
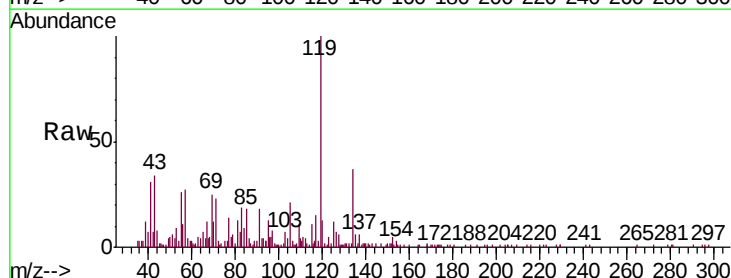
Instrument :
MSVOA_X
ClientSampleId :
BOTTOM-2ME

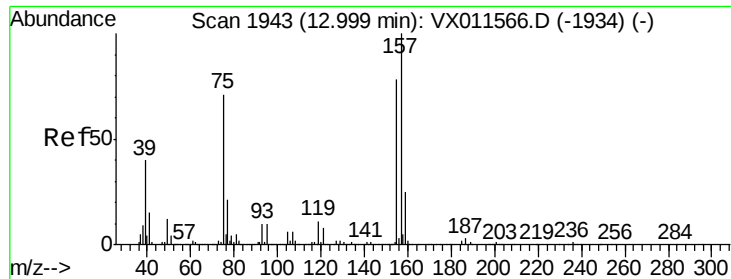
Tot Ion: 91 Resp: 7130
Ion Ratio Lower Upper
91 100
92 34.3 26.8 80.3
134 111.2 14.6 44.0#



#90
Hexachloroethane
Concen: 0.433 ug/l
RT: 12.58 min Scan# 1875
Delta R.T. -0.01 min
Lab File: VX011724.D
Acq: 21 Aug 2019 11:59

Tgt Ion: 117 Resp: 1241
Ion Ratio Lower Upper
117 100
201 0.0 51.9 155.7#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.337 ug/l

RT: 13.02 min Scan# 1947

Delta R.T. 0.02 min

Lab File: VX011724.D

Acq: 21 Aug 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

BOTTOM-2ME

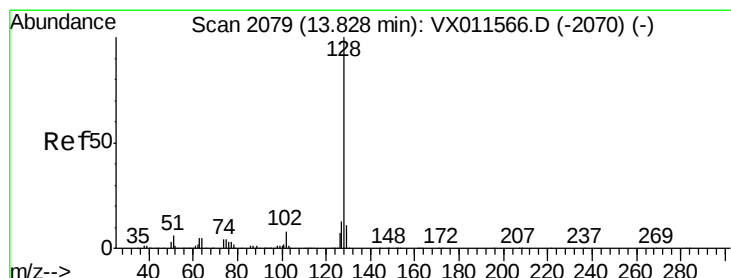
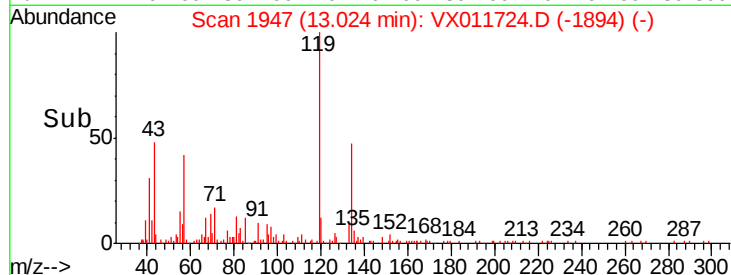
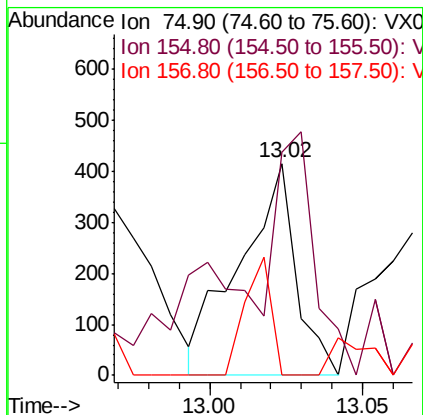
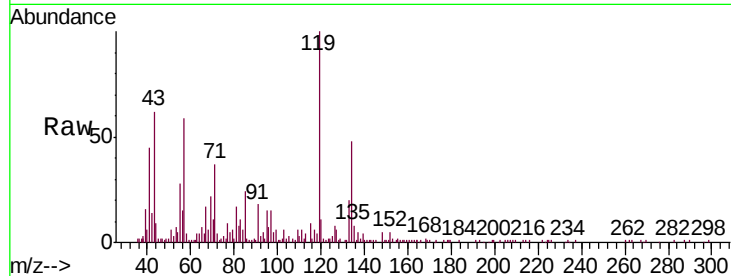
Tot Ion: 75 Resp: 531

Ion Ratio Lower Upper

75 100

155 78.3 53.0 159.0

157 26.0 68.3 205.1#



#95

Naphthalene

Concen: 3.008 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. 0.00 min

Lab File: VX011724.D

Acq: 21 Aug 2019 11:59

Tgt Ion:128 Resp: 65046

Ion Ratio Lower Upper

128 100

127 14.0 10.3 15.5

129 13.1 8.7 13.1#

