

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112019\
 Data File : VX013489.D
 Acq On : 20 Nov 2019 19:51
 Operator : JC/SP
 Sample : IBLK
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Nov 21 00:53:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	729925	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1166341	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1043601	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	487645	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	422277	48.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.66%	
35) Dibromofluoromethane	5.49	113	352528	48.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.38%	
50) Toluene-d8	8.71	98	1397694	50.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.36%	
62) 4-Bromofluorobenzene	11.14	95	472000	47.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.84%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.64	94	3150	0.435	ug/l	86
6) Chloroethane	1.60	64	3175	Below Cal	#	77
10) Methyl Iodide	2.50	142	4468	0.528	ug/l #	84
11) Tert butyl alcohol	3.01	59	9284	4.073	ug/l #	93
15) Acrylonitrile	3.14	53	1985	0.466	ug/l #	71
16) Acetone	2.44	43	2754	0.639	ug/l	94
17) Carbon Disulfide	2.56	76	7506	0.419	ug/l #	79
20) Methylene Chloride	2.85	84	2042	0.256	ug/l #	81
21) trans-1,2-Dichloroethene	3.15	96	1925	0.264	ug/l #	83
29) Tetrahydrofuran	5.30	42	1475	0.378	ug/l	96
30) Chloroform	5.21	83	7911	0.610	ug/l	89
38) Carbon Tetrachloride	5.65	117	64046	6.546	ug/l #	16
44) Trichloroethene	7.20	130	1758	0.205	ug/l	52
49) 1,4-Dioxane	7.72	88	174	0.791	ug/l #	1
56) Ethyl methacrylate	9.18	69	502	1.599	ug/l #	10
64) Tetrachloroethene	9.33	164	1633	0.219	ug/l #	87
67) Ethyl Benzene	10.25	91	10828	0.297	ug/l	97
68) m/p-Xylenes	10.36	106	5235	0.380	ug/l	98
69) o-Xylene	10.70	106	2738	0.203	ug/l	38
71) Bromoform	10.87	173	589	3.279	ug/l #	28
73) Isopropylbenzene	11.01	105	10452	0.323	ug/l	92
76) 1,2,3-Trichloropropane	11.14	75	233158	23.540	ug/l #	34
78) n-propylbenzene	11.35	91	30735	0.853	ug/l	97
80) 1,3,5-Trimethylbenzene	11.50	105	10251	0.381	ug/l	92
81) trans-1,4-Dichloro-2-buten	11.14	75	233158	60.592	ug/l #	9
84) 1,2,4-Trimethylbenzene	11.81	105	95035	3.518	ug/l	97
85) sec-Butylbenzene	11.94	105	7771	0.249	ug/l #	57
89) n-Butylbenzene	12.39	91	8132	0.325	ug/l #	74
93) 1,2,4-Trichlorobenzene	13.64	180	3110	0.290	ug/l	84
94) Hexachlorobutadiene	13.78	225	1185	0.226	ug/l	94
95) Naphthalene	13.83	128	11363	0.338	ug/l #	91
96) 1,2,3-Trichlorobenzene	14.02	180	2583	0.240	ug/l	90

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration

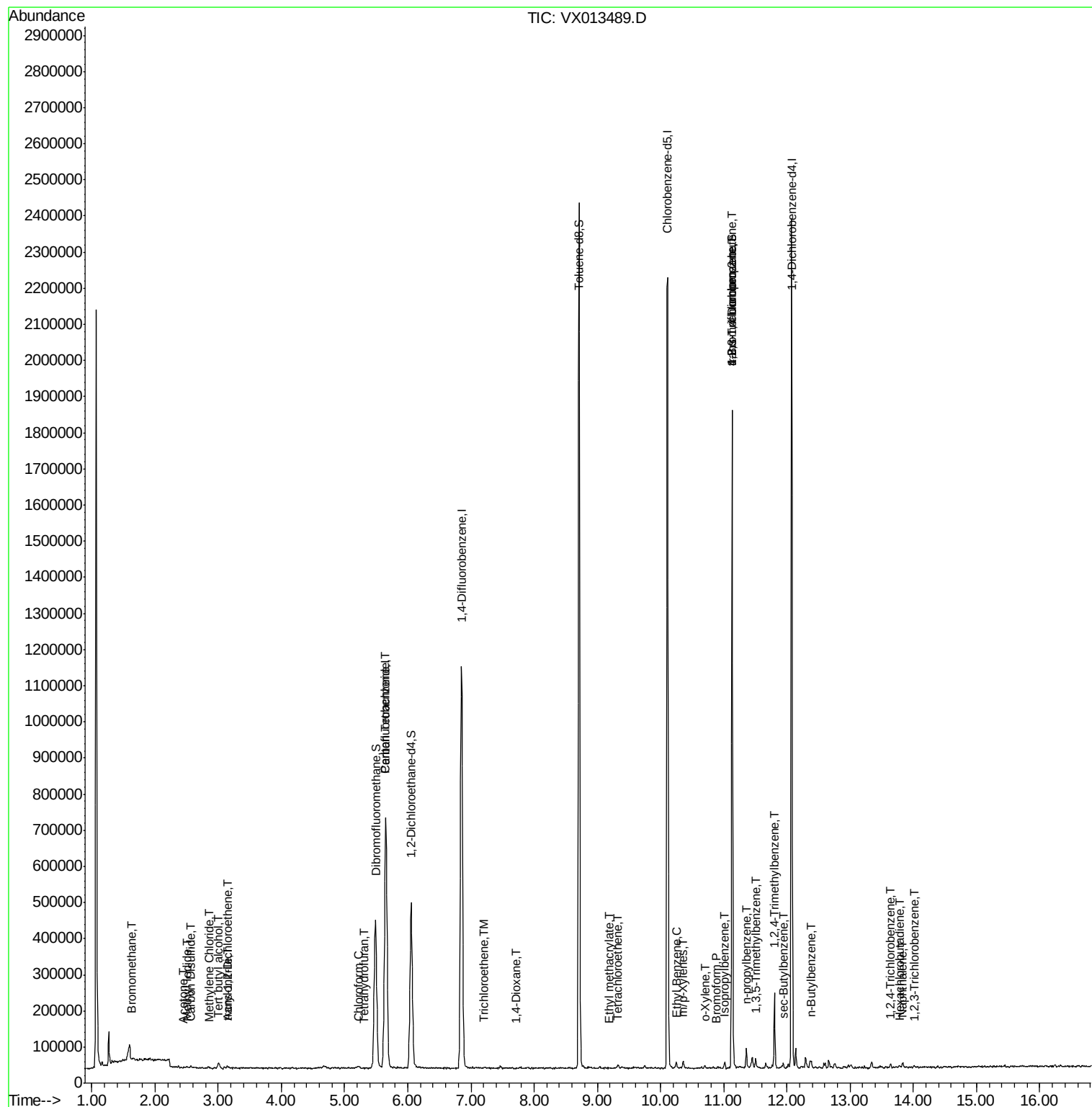
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

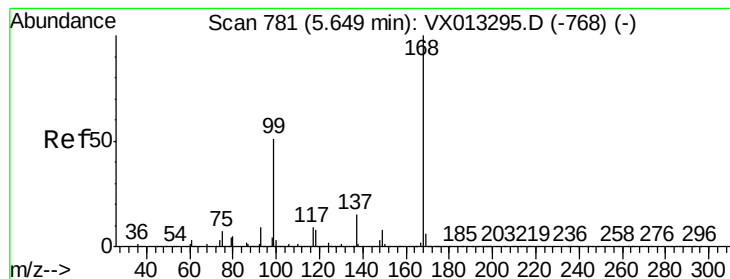
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013489.D

Acq: 20 Nov 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

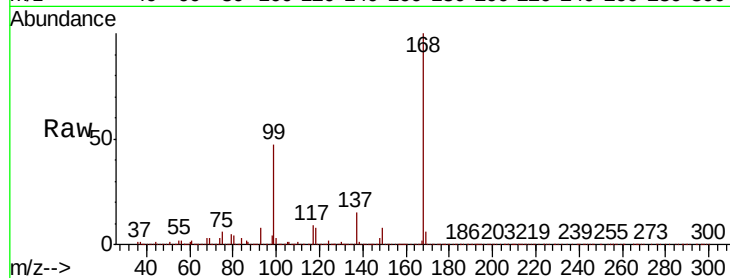
IBLK

Tot Ion:168 Resp: 729925

Ion Ratio Lower Upper

168 100

99 47.1 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

300000

250000

200000

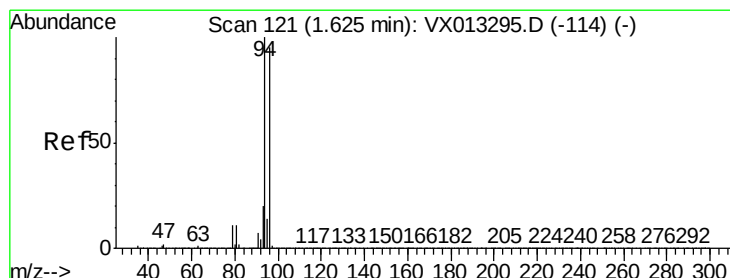
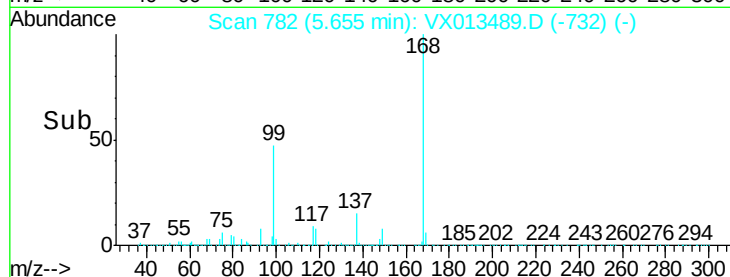
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: 0.435 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.02 min

Lab File: VX013489.D

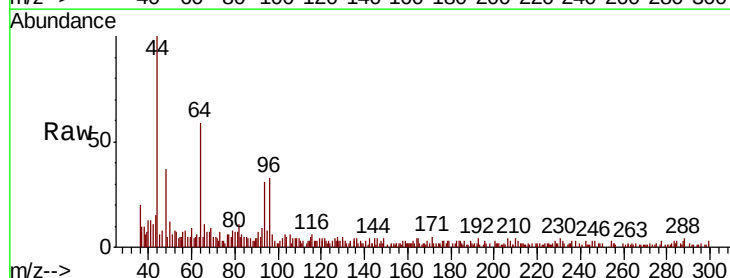
Acq: 20 Nov 2019 19:51

Tgt Ion: 94 Resp: 3150

Ion Ratio Lower Upper

94 100

96 108.1 75.8 113.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

2000

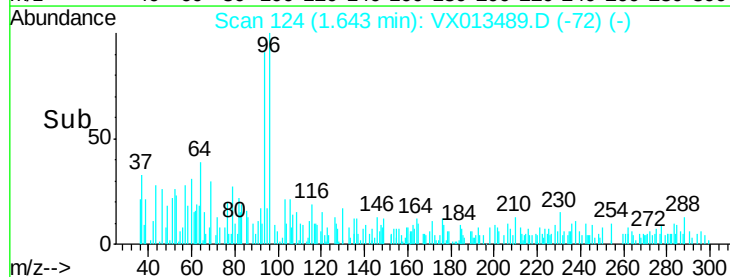
1500

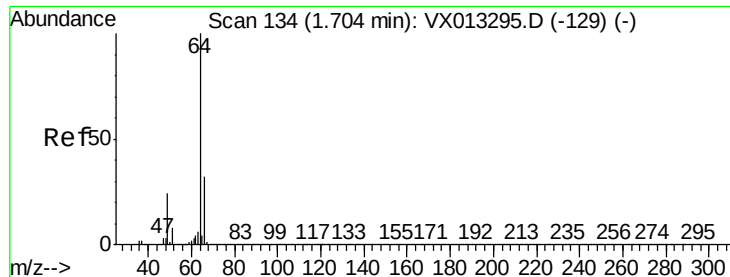
1000

500

0

Time-->





#6

Chloroethane

Concen: Below Cal

RT: 1.60 min Scan# 117

Delta R.T. -0.10 min

Lab File: VX013489.D

Acq: 20 Nov 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

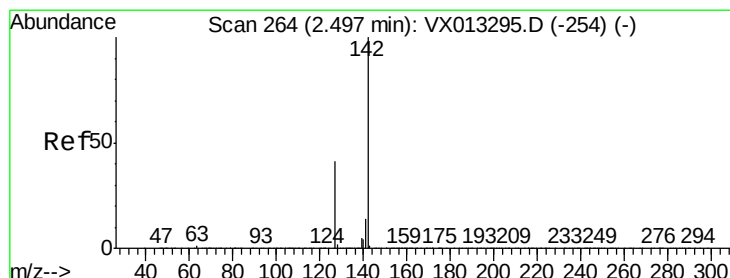
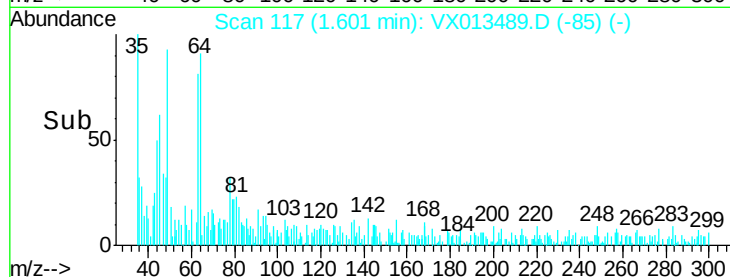
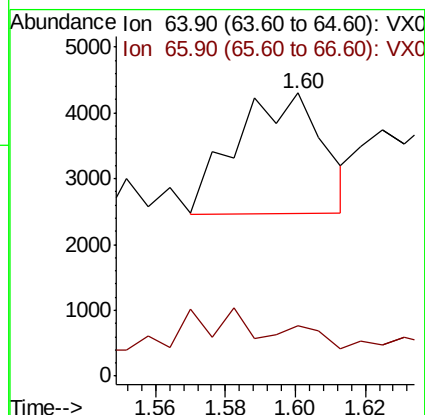
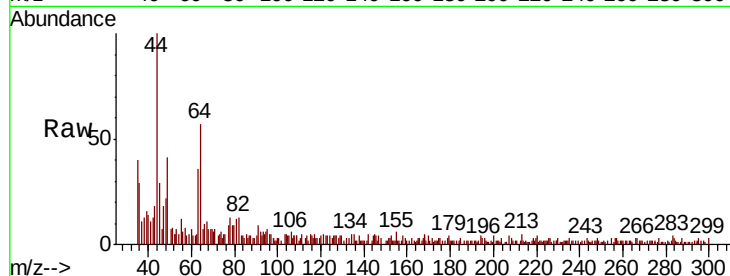
IBLK

Tot Ion: 64 Resp: 3175

Ion Ratio Lower Upper

64 100

66 19.3 25.6 38.4#



#10

Methyl Iodide

Concen: 0.528 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX013489.D

Acq: 20 Nov 2019 19:51

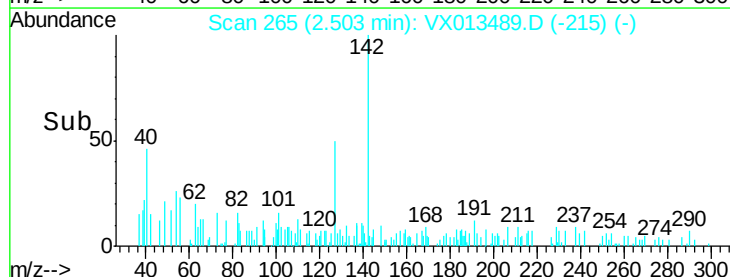
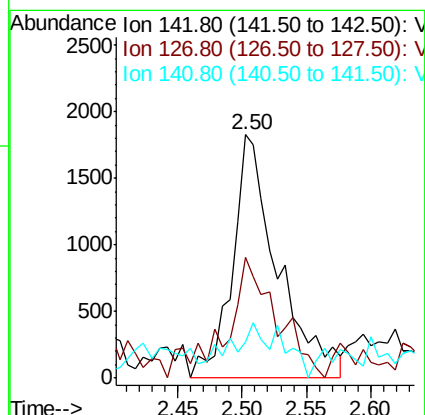
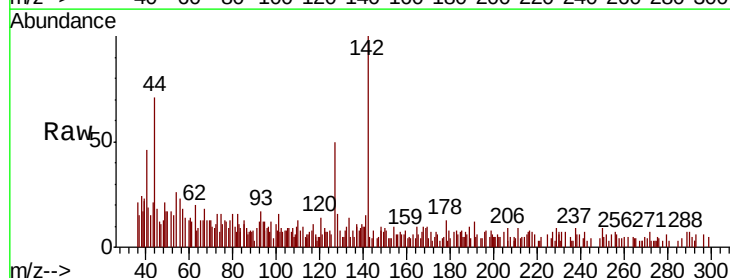
Tgt Ion: 142 Resp: 4468

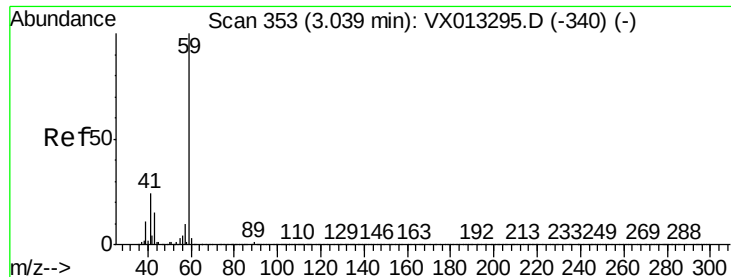
Ion Ratio Lower Upper

142 100

127 52.0 32.6 49.0#

141 10.2 11.6 17.4#

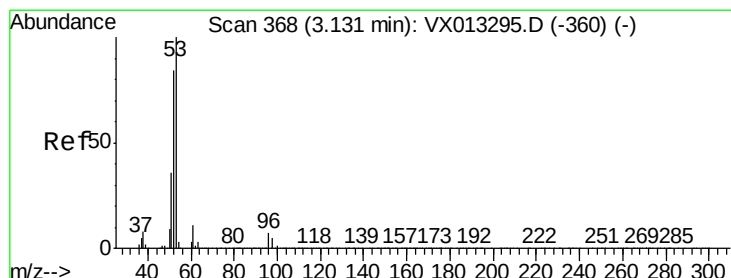
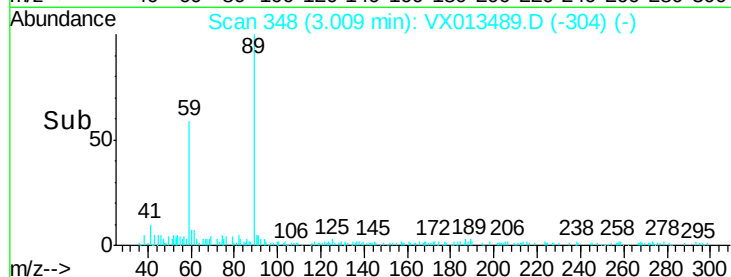
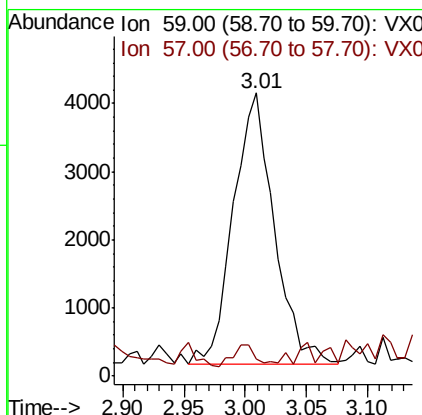
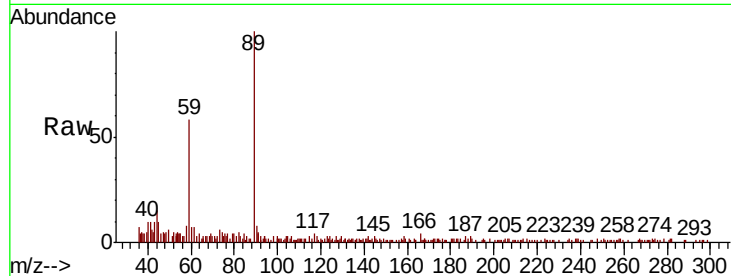




#11
Tert butyl alcohol
Concen: 4.073 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.03 min
Lab File: VX013489.D
Acq: 20 Nov 2019 19:51

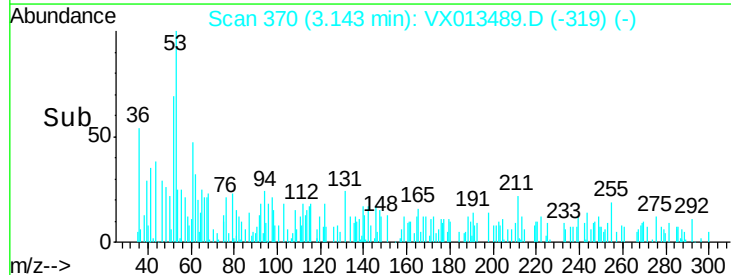
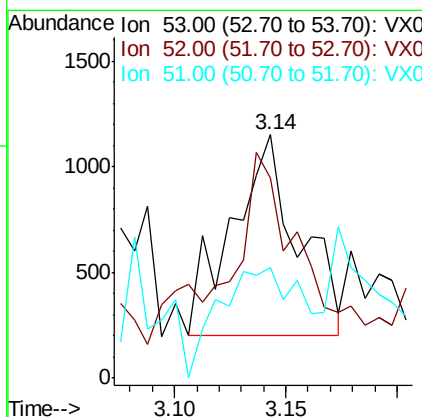
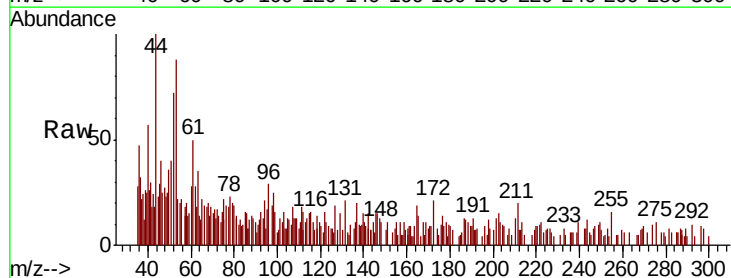
Instrument :
MSVOA_X
ClientSampleId :
IBLK

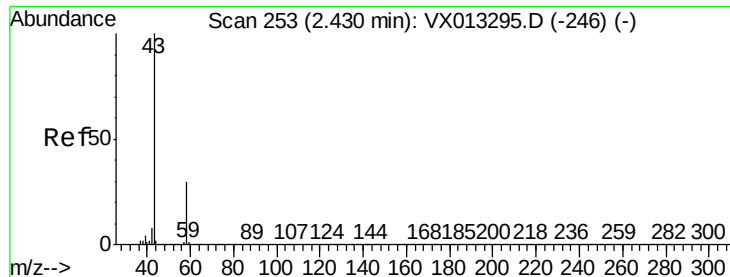
Tot Ion: 59 Resp: 9284
Ion Ratio Lower Upper
59 100
57 7.4 8.0 12.0#



#15
Acrylonitrile
Concen: 0.466 ug/l
RT: 3.14 min Scan# 370
Delta R.T. 0.01 min
Lab File: VX013489.D
Acq: 20 Nov 2019 19:51

Tgt Ion: 53 Resp: 1985
Ion Ratio Lower Upper
53 100
52 65.5 67.4 101.0#
51 66.2 29.4 44.2#





#16

Acetone

Concen: 0.639 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.01 min

Lab File: VX013489.D

Acq: 20 Nov 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

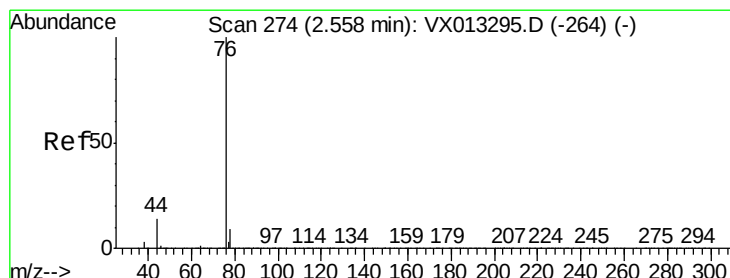
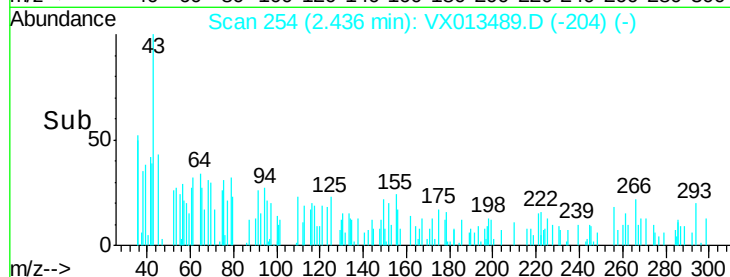
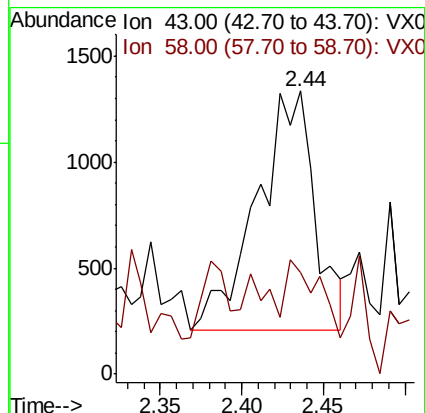
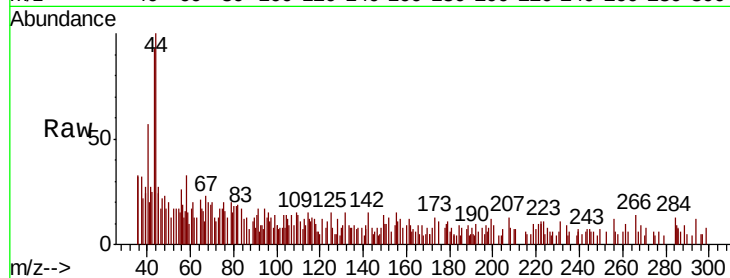
IBLK

Tot Ion: 43 Resp: 2754

Ion Ratio Lower Upper

43 100

58 27.3 24.3 36.5



#17

Carbon Disulfide

Concen: 0.419 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX013489.D

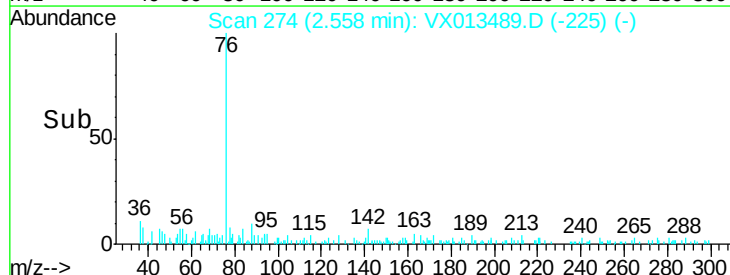
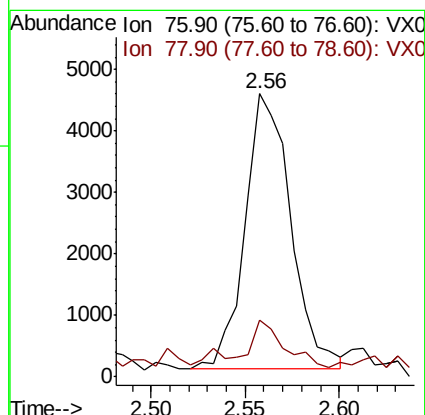
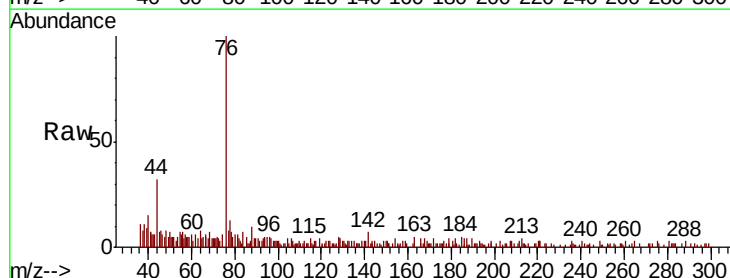
Acq: 20 Nov 2019 19:51

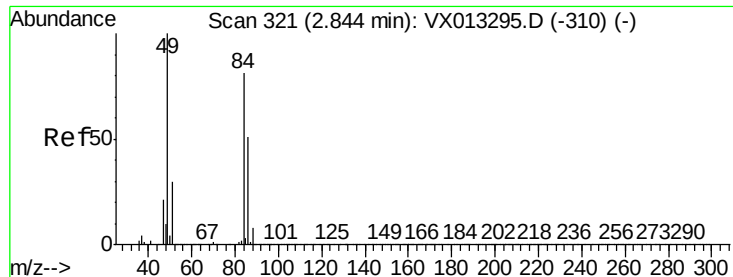
Tgt Ion: 76 Resp: 7506

Ion Ratio Lower Upper

76 100

78 16.4 7.0 10.6#

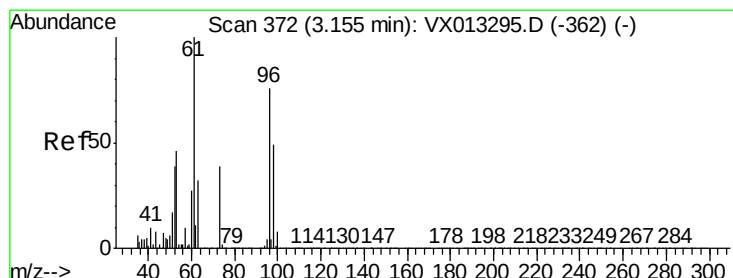
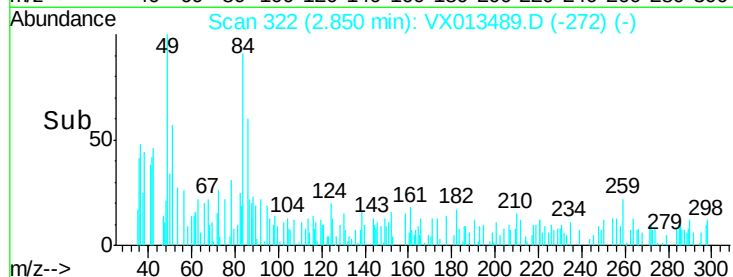
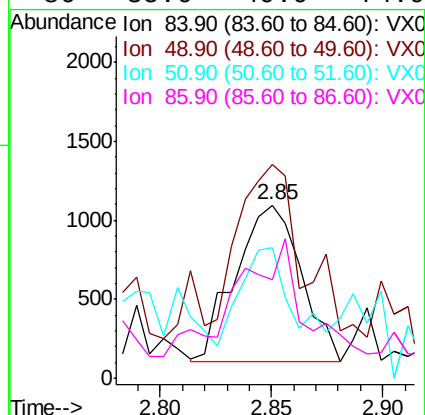
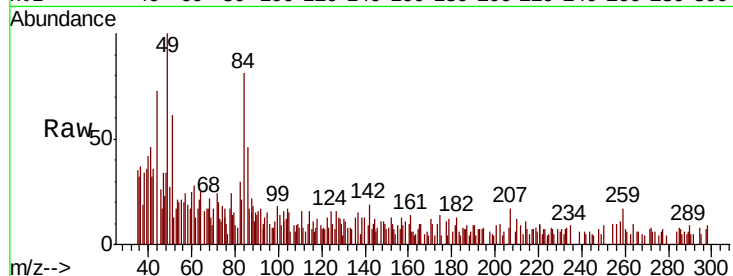




#20
Methylene Chloride
Concen: 0.256 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013489.D
Acq: 20 Nov 2019 19:51

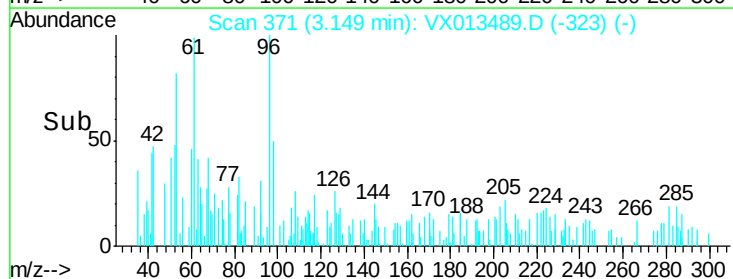
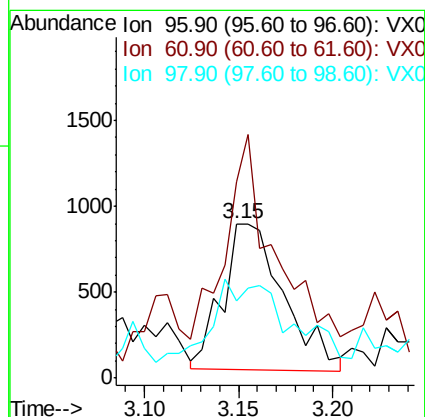
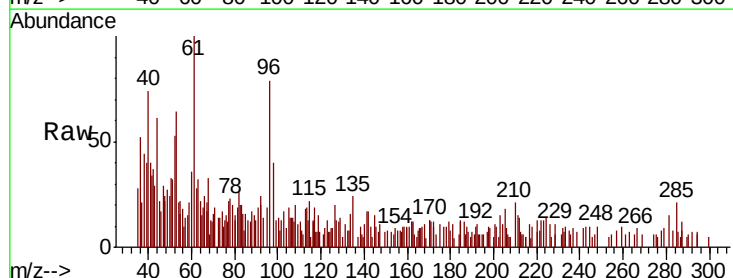
Instrument :
MSVOA_X
ClientSampled :
IBLK

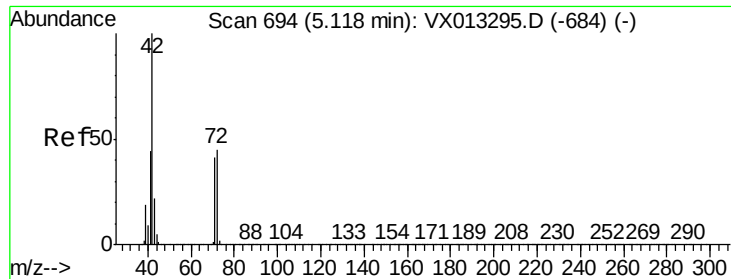
Tot Ion: 84 Resp: 2042
Ion Ratio Lower Upper
84 100
49 108.2 98.2 147.4
51 44.4 29.9 44.9
86 35.6 49.9 74.9#



#21
trans-1,2-Dichloroethene
Concen: 0.264 ug/l
RT: 3.15 min Scan# 371
Delta R.T. -0.01 min
Lab File: VX013489.D
Acq: 20 Nov 2019 19:51

Tgt Ion: 96 Resp: 1925
Ion Ratio Lower Upper
96 100
61 118.6 105.8 158.6
98 42.5 51.8 77.6#

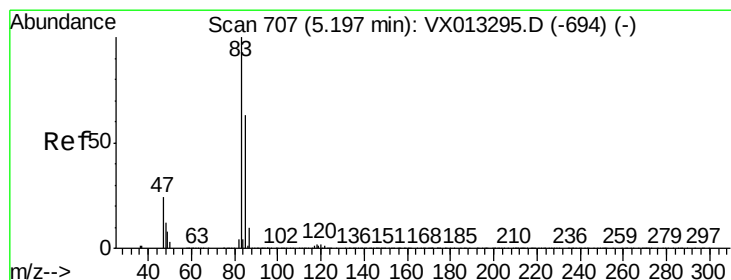
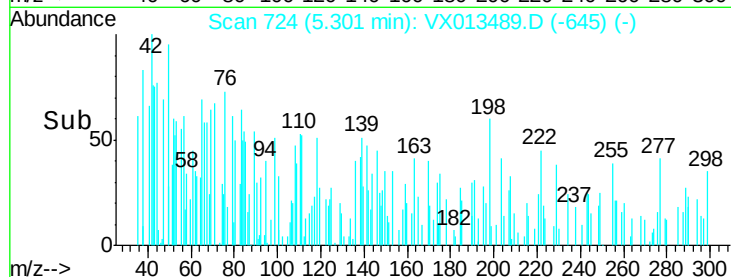
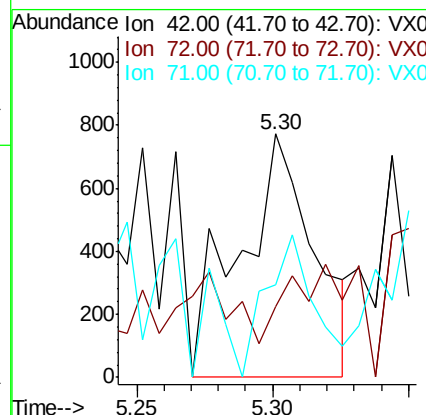
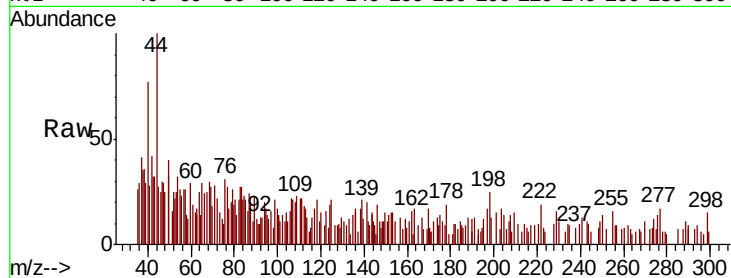




#29
Tetrahydrofuran
Concen: 0.378 ug/l
RT: 5.30 min Scan# 724
Delta R.T. 0.18 min
Lab File: VX013489.D
Acq: 20 Nov 2019 19:51

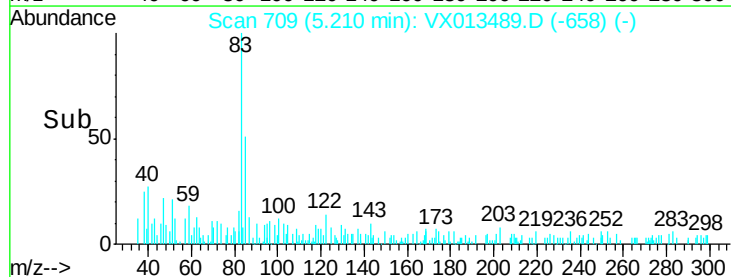
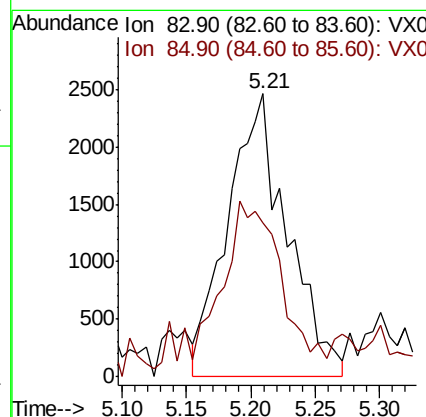
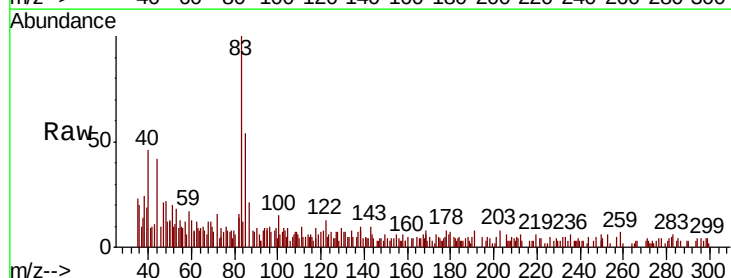
Instrument :
MSVOA_X
ClientSampled :
IBLK

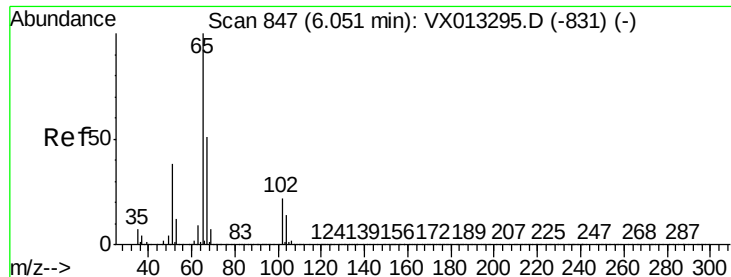
Tot Ion: 42 Resp: 1475
Ion Ratio Lower Upper
42 100
72 43.4 35.8 53.8
71 38.0 33.4 50.0



#30
Chloroform
Concen: 0.610 ug/l
RT: 5.21 min Scan# 709
Delta R.T. 0.01 min
Lab File: VX013489.D
Acq: 20 Nov 2019 19:51

Tgt Ion: 83 Resp: 7911
Ion Ratio Lower Upper
83 100
85 54.3 50.2 75.4





#33

1,2-Dichloroethane-d4

Concen: 48.833 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013489.D

Acq: 20 Nov 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

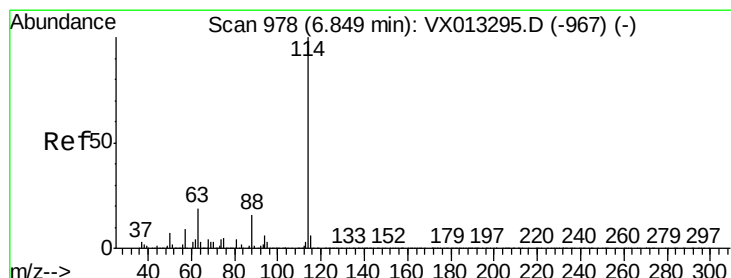
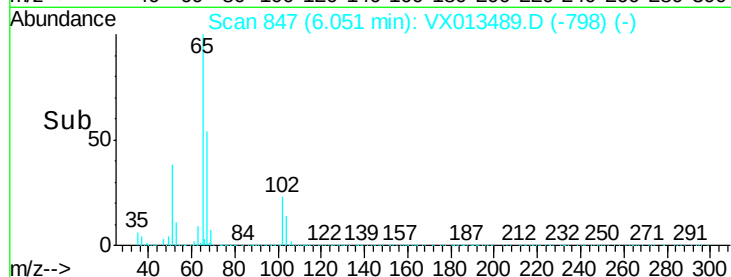
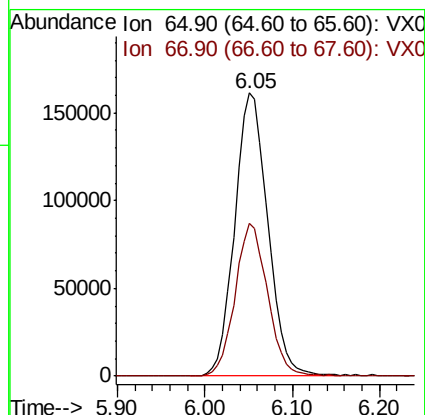
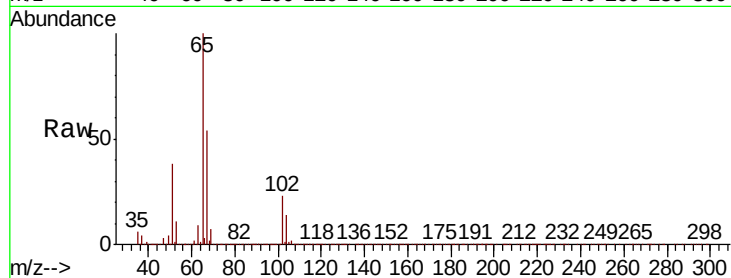
IBLK

Tot Ion: 65 Resp: 422277

Ion Ratio Lower Upper

65 100

67 52.6 0.0 104.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013489.D

Acq: 20 Nov 2019 19:51

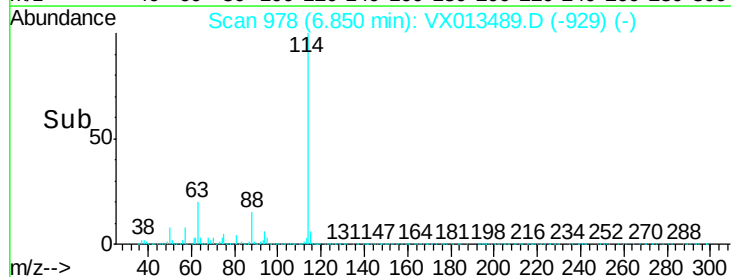
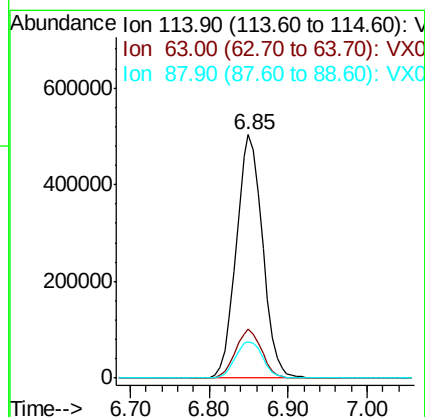
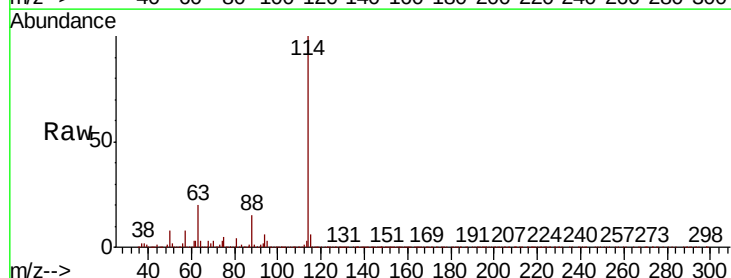
Tgt Ion: 114 Resp: 1166341

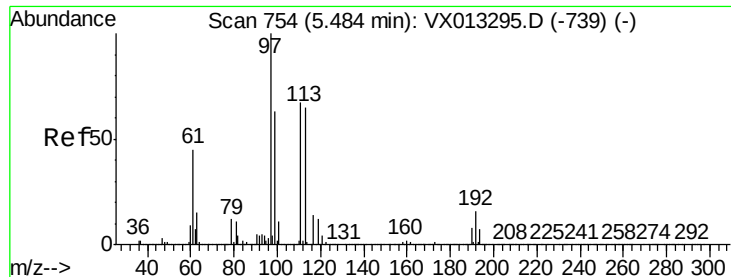
Ion Ratio Lower Upper

114 100

63 20.0 0.0 38.4

88 14.8 0.0 32.2





#35

Dibromofluoromethane

Concen: 48.190 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX013489.D

Acq: 20 Nov 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

IBLK

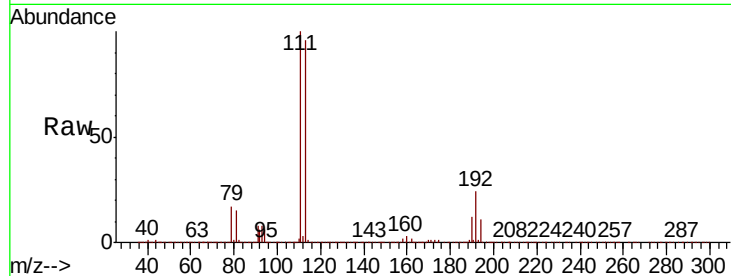
Tot Ion:113 Resp: 352528

Ion Ratio Lower Upper

113 100

111 102.6 81.9 122.9

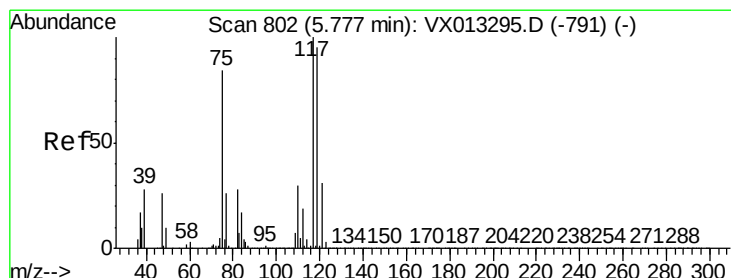
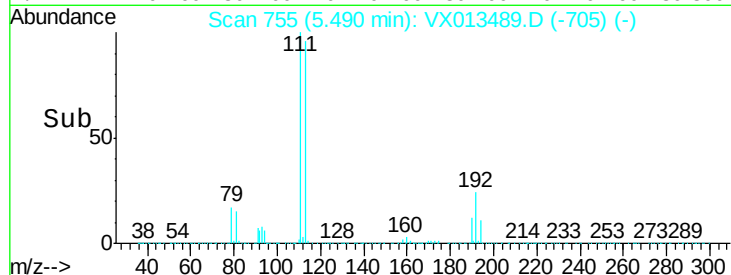
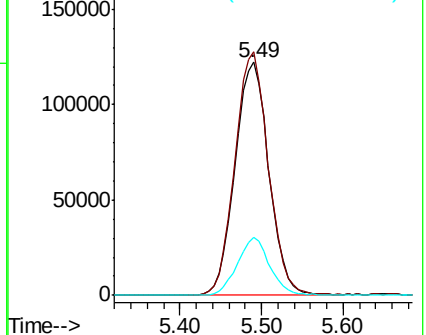
192 23.7 19.1 28.7



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



#38

Carbon Tetrachloride

Concen: 6.546 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.13 min

Lab File: VX013489.D

Acq: 20 Nov 2019 19:51

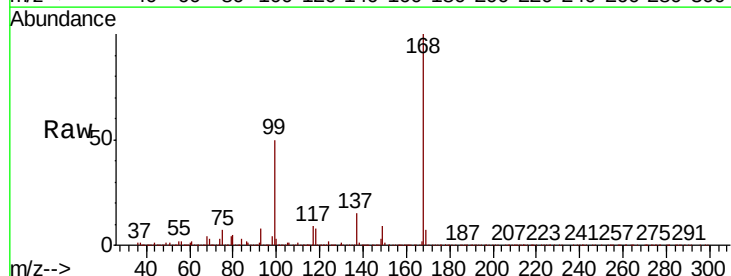
Tgt Ion:117 Resp: 64046

Ion Ratio Lower Upper

117 100

119 4.5 76.1 114.1#

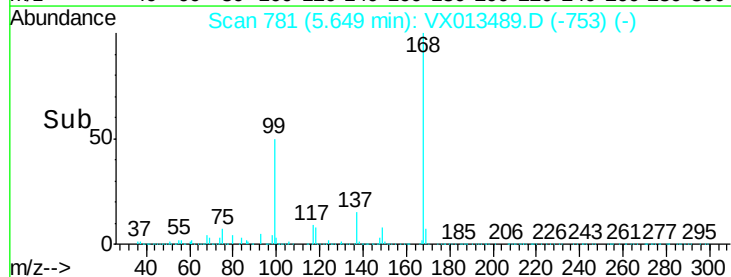
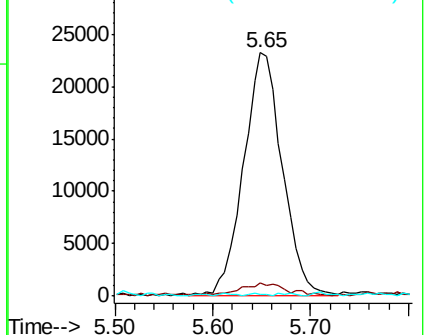
121 0.6 24.6 37.0#

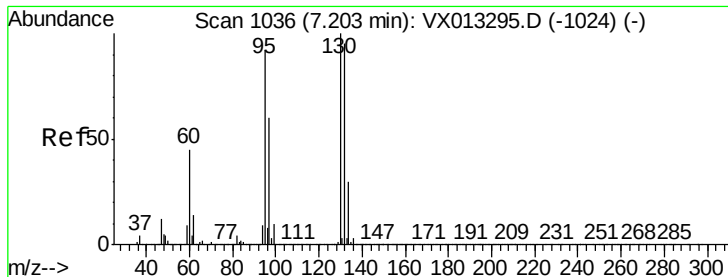


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#44

Trichloroethene

Concen: 0.205 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX013489.D

Acq: 20 Nov 2019 19:51

Instrument :

MSVOA_X

ClientSampled :

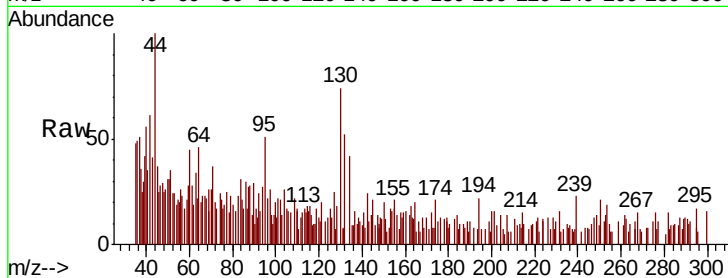
IBLK

Tot Ion:130 Resp: 1758

Ion Ratio Lower Upper

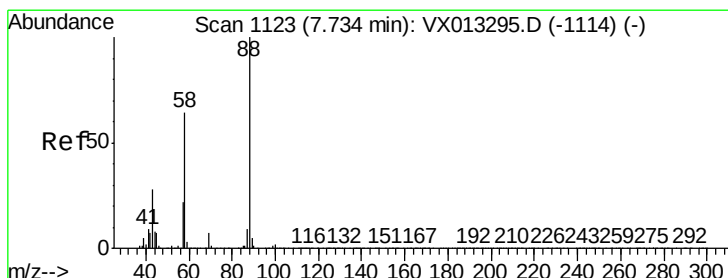
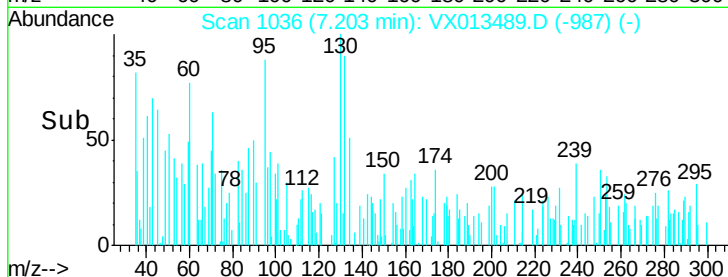
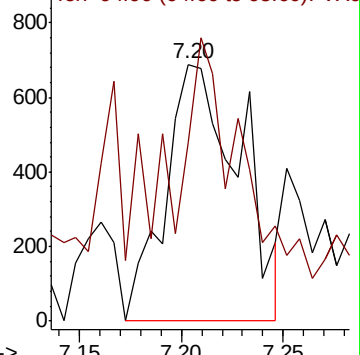
130 100

95 46.4 0.0 184.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#49

1,4-Dioxane

Concen: 0.791 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. -0.02 min

Lab File: VX013489.D

Acq: 20 Nov 2019 19:51

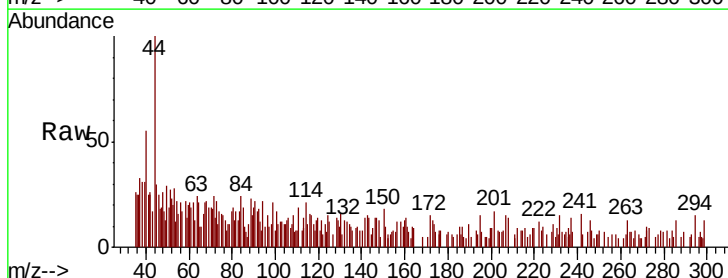
Tgt Ion: 88 Resp: 174

Ion Ratio Lower Upper

88 100

43 401.7 26.6 39.8#

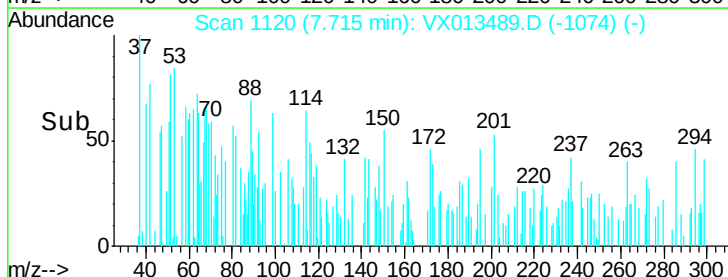
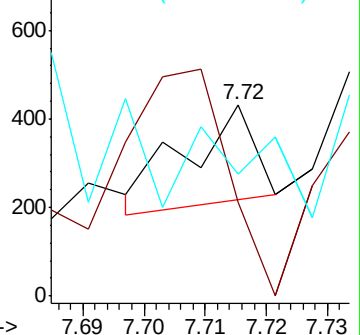
58 0.0 55.0 82.6#

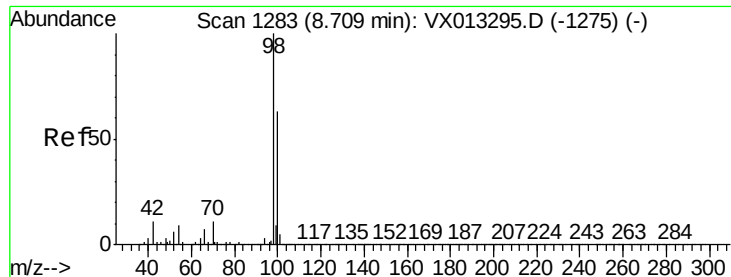


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 50.681 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013489.D

Acq: 20 Nov 2019 19:51

Instrument :

MSVOA_X

ClientSampled :

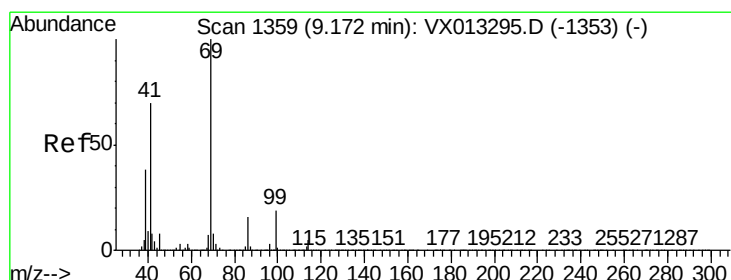
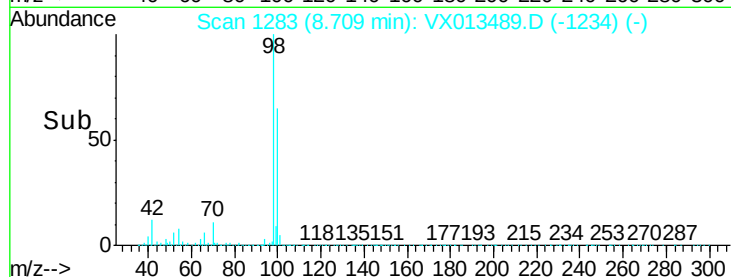
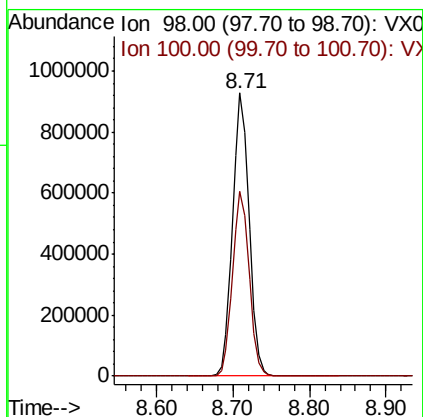
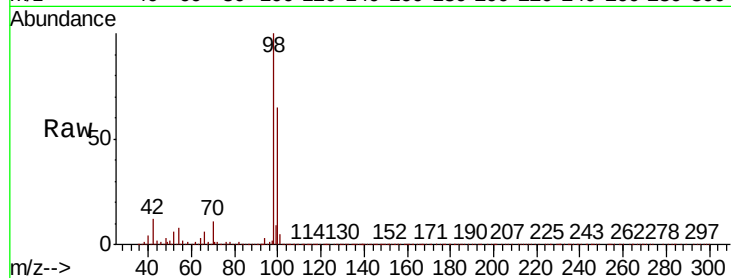
IBLK

Tot Ion: 98 Resp: 1397694

Ion Ratio Lower Upper

98 100

100 65.6 52.2 78.2



#56

Ethyl methacrylate

Concen: 1.599 ug/l

RT: 9.18 min Scan# 1360

Delta R.T. 0.01 min

Lab File: VX013489.D

Acq: 20 Nov 2019 19:51

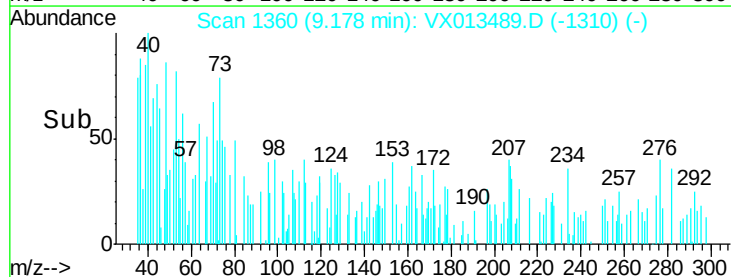
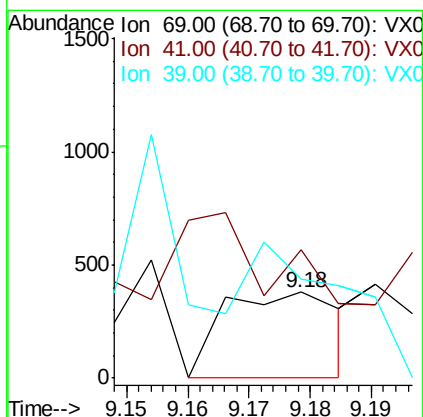
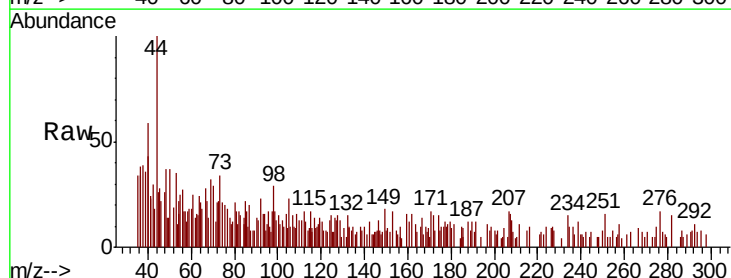
Tgt Ion: 69 Resp: 502

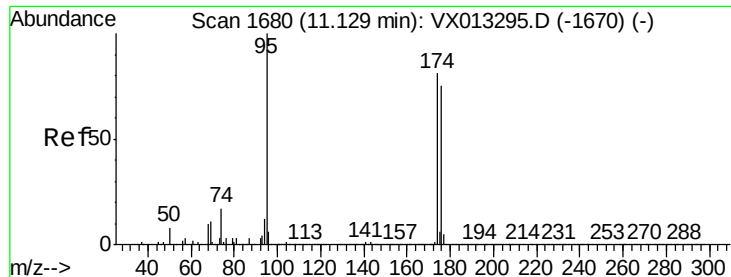
Ion Ratio Lower Upper

69 100

41 116.1 56.2 84.2#

39 131.7 31.1 46.7#





#62

4-Bromofluorobenzene

Concen: 47.422 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX013489.D

Acq: 20 Nov 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

IBLK

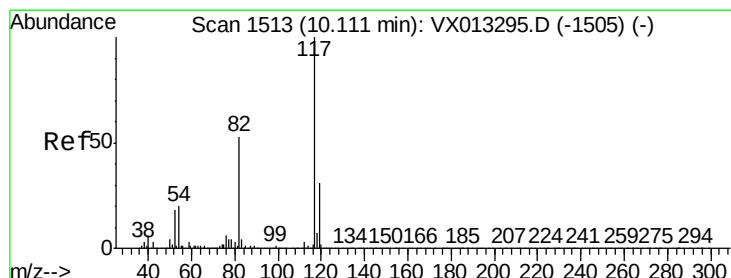
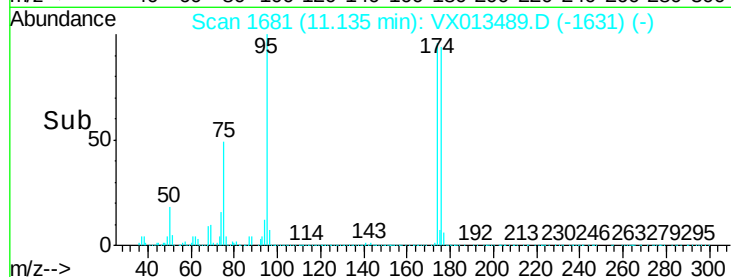
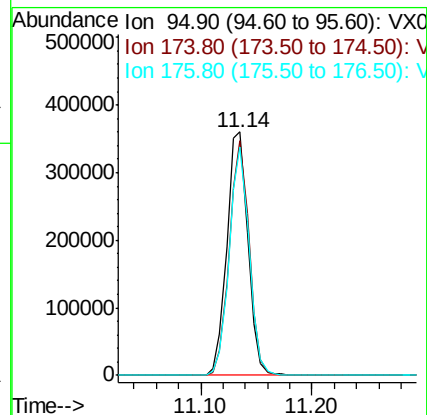
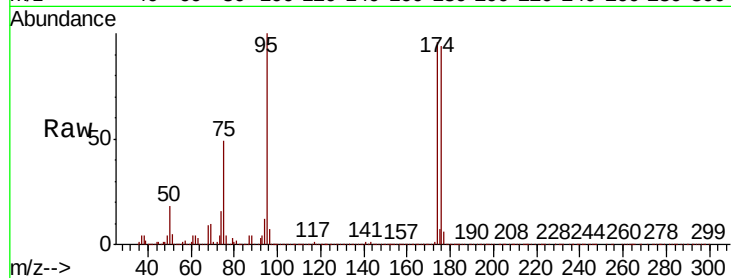
Tot Ion: 95 Resp: 472000

Ion Ratio Lower Upper

95 100

174 90.8 0.0 179.8

176 88.5 0.0 173.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX013489.D

Acq: 20 Nov 2019 19:51

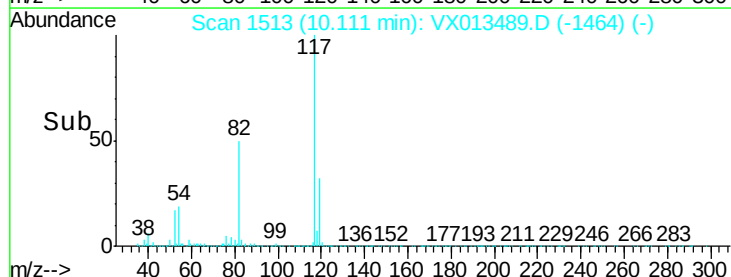
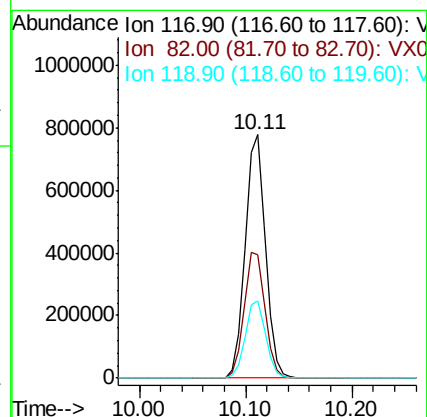
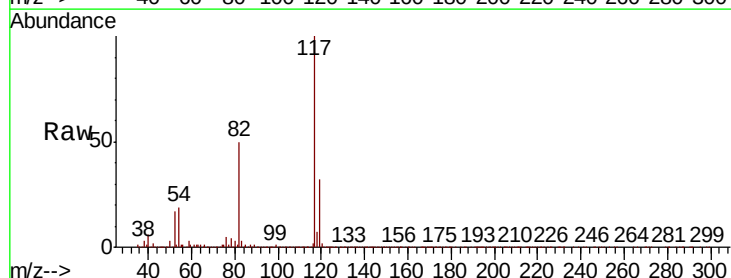
Tgt Ion: 117 Resp: 1043601

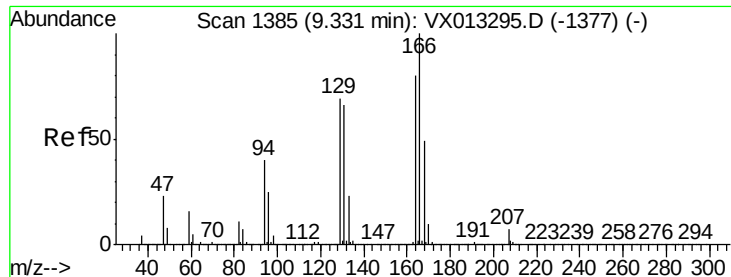
Ion Ratio Lower Upper

117 100

82 50.4 42.6 64.0

119 31.8 24.8 37.2





#64

Tetrachloroethene

Concen: 0.219 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX013489.D

Acq: 20 Nov 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

IBLK

Tot Ion:164 Resp: 1633

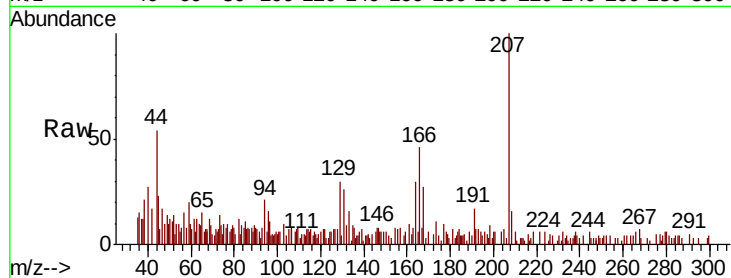
Ion Ratio Lower Upper

164 100

166 155.1 100.4 150.6#

129 86.2 69.4 104.2

131 78.9 66.6 100.0

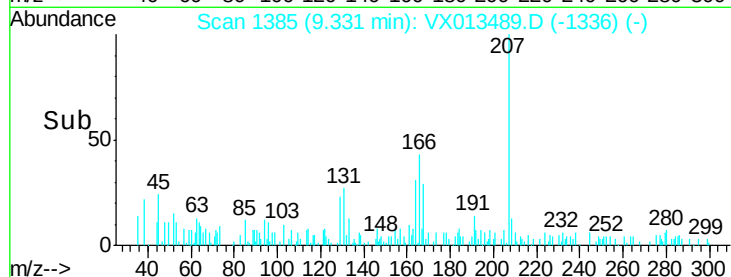


Abundance Ion 163.80 (163.50 to 164.50): V

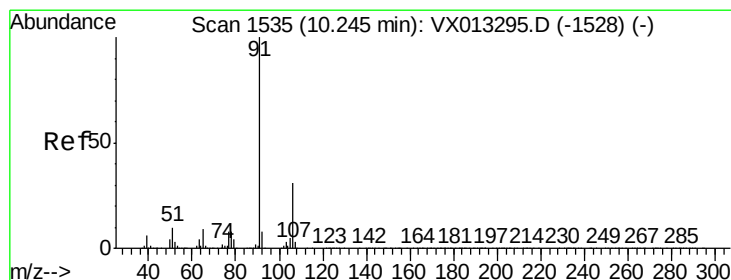
Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



Time-->



#67

Ethyl Benzene

Concen: 0.297 ug/l

RT: 10.25 min Scan# 1536

Delta R.T. 0.01 min

Lab File: VX013489.D

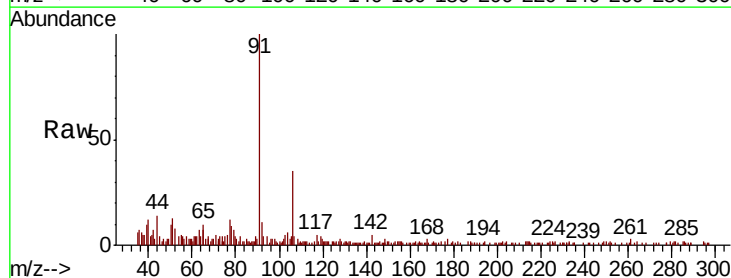
Acq: 20 Nov 2019 19:51

Tgt Ion: 91 Resp: 10828

Ion Ratio Lower Upper

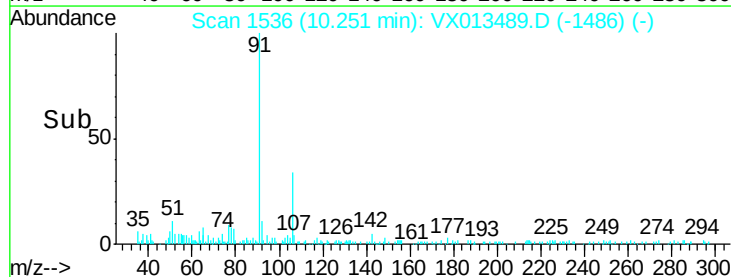
91 100

106 32.6 24.6 36.8

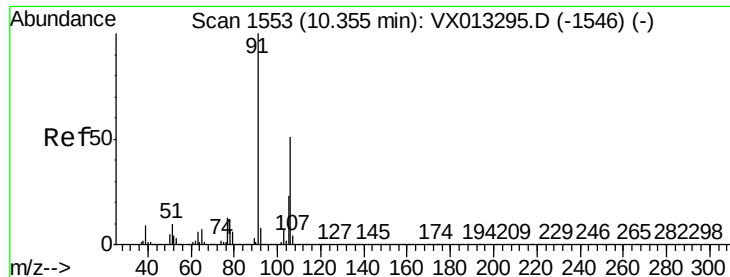


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



Time-->



#68

m/p-Xylenes

Concen: 0.380 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013489.D

Acq: 20 Nov 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

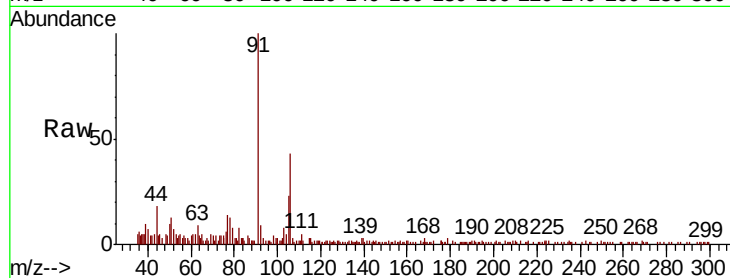
IBLK

Tot Ion:106 Resp: 5235

Ion Ratio Lower Upper

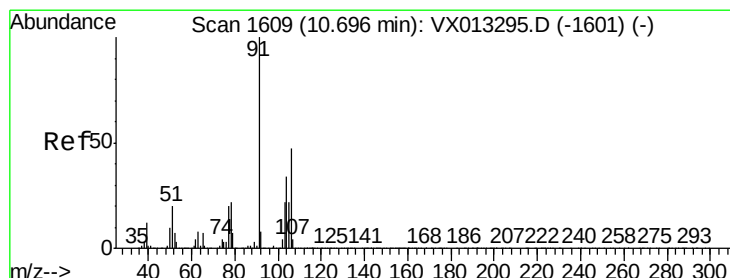
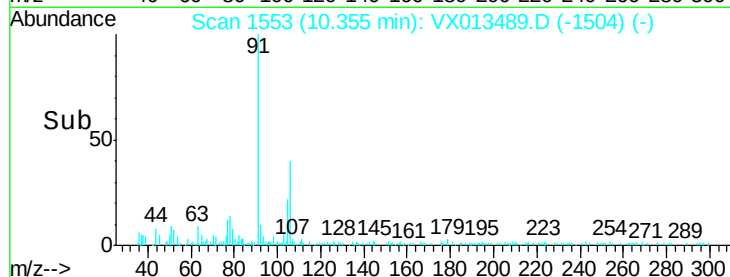
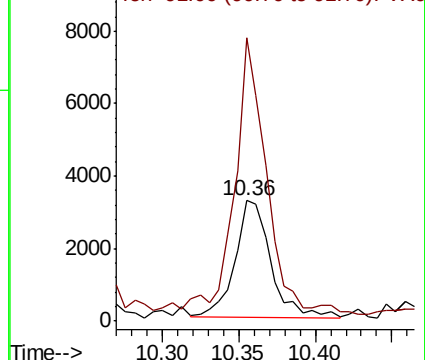
106 100

91 202.4 159.3 238.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 0.203 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. 0.00 min

Lab File: VX013489.D

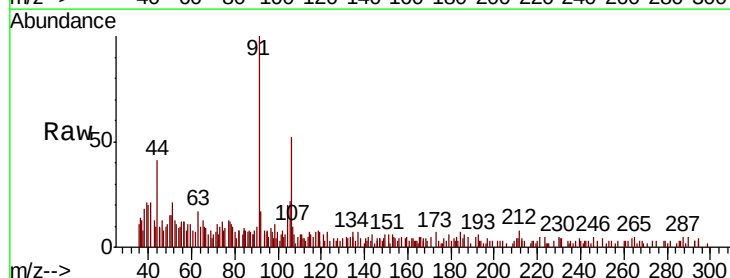
Acq: 20 Nov 2019 19:51

Tgt Ion:106 Resp: 2738

Ion Ratio Lower Upper

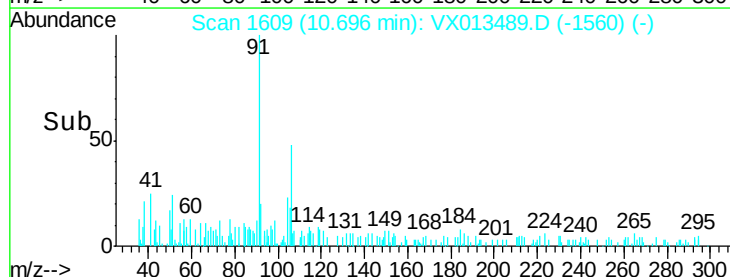
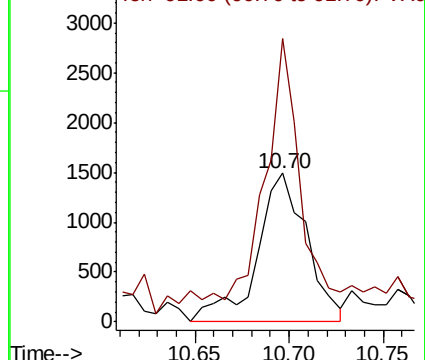
106 100

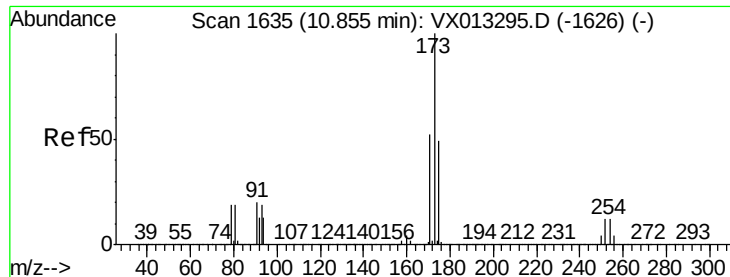
91 113.3 105.7 317.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

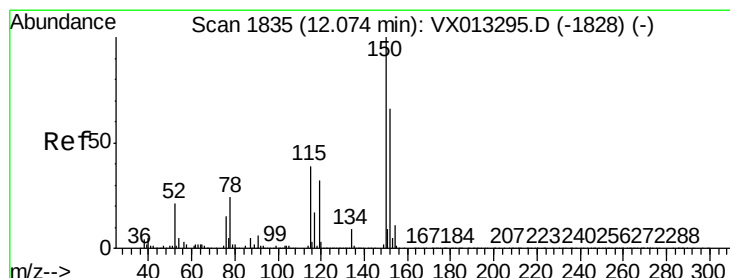
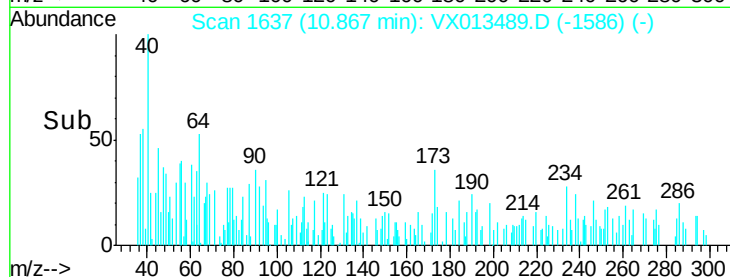
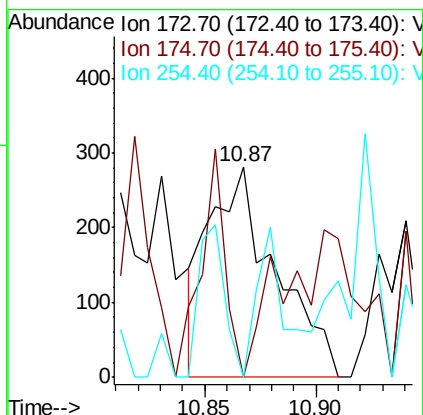
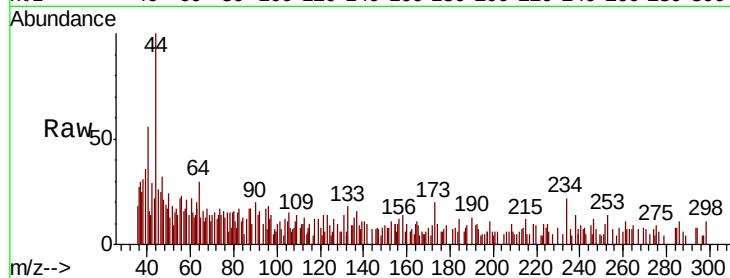




#71
Bromoform
Concen: 3.279 ug/l
RT: 10.87 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VX013489.D
Acq: 20 Nov 2019 19:51

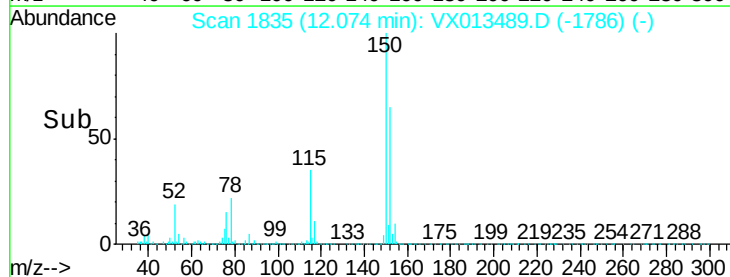
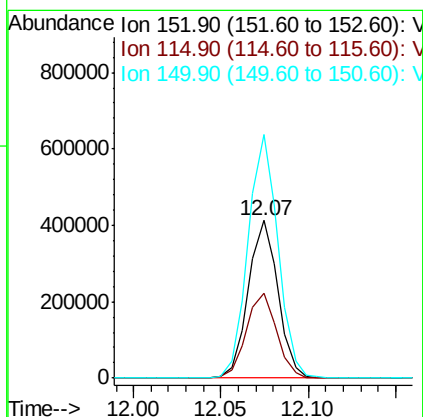
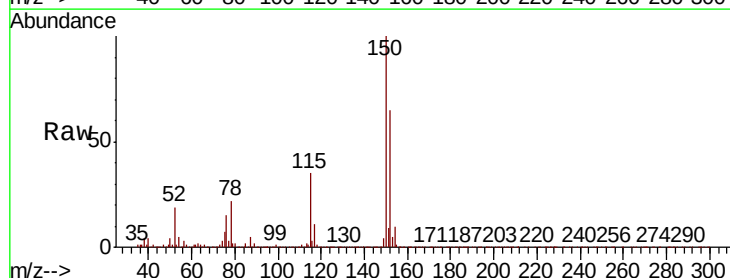
Instrument :
MSVOA_X
ClientSampled :
IBLK

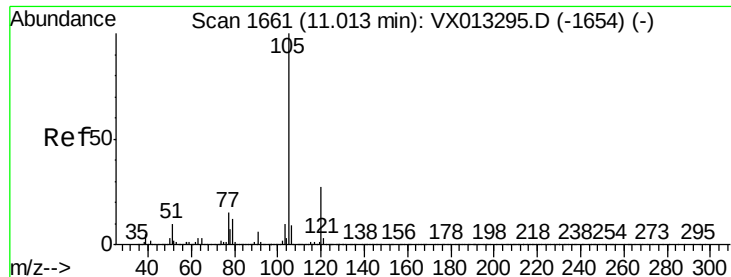
Tot Ion:173 Resp: 589
Ion Ratio Lower Upper
173 100
175 0.0 24.8 74.4#
254 31.4 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013489.D
Acq: 20 Nov 2019 19:51

Tgt Ion:152 Resp: 487645
Ion Ratio Lower Upper
152 100
115 55.1 39.5 118.3
150 155.7 0.0 344.4





#73

Isopropylbenzene

Concen: 0.323 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013489.D

Acq: 20 Nov 2019 19:51

Instrument :

MSVOA_X

ClientSampled :

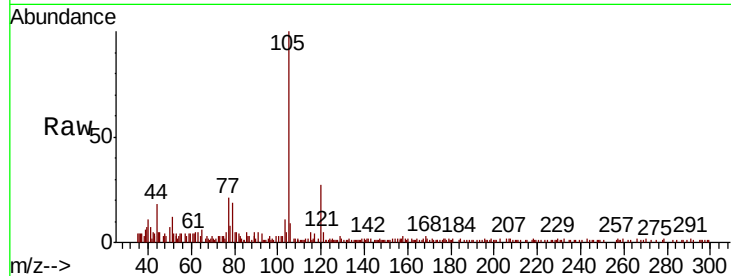
IBLK

Tot Ion:105 Resp: 10452

Ion Ratio Lower Upper

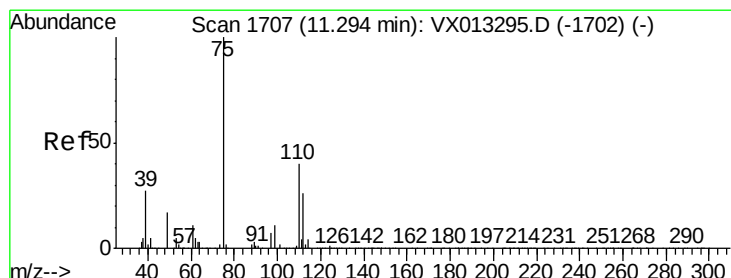
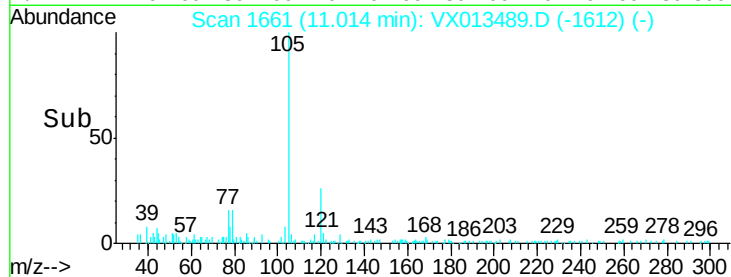
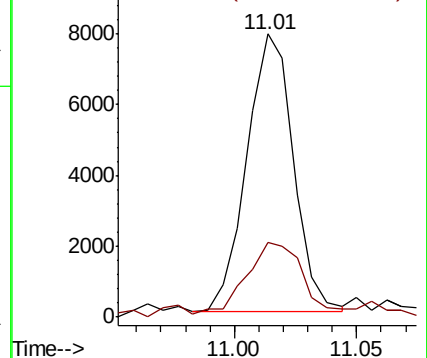
105 100

120 31.0 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 23.540 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.16 min

Lab File: VX013489.D

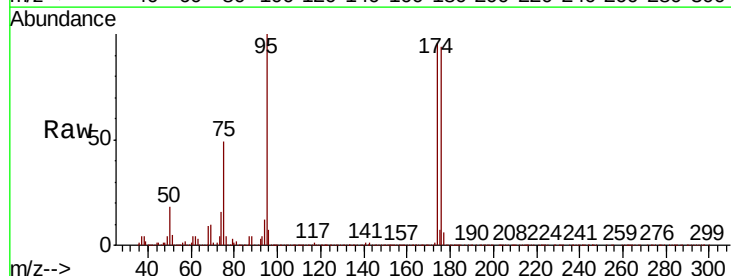
Acq: 20 Nov 2019 19:51

Tgt Ion: 75 Resp: 233158

Ion Ratio Lower Upper

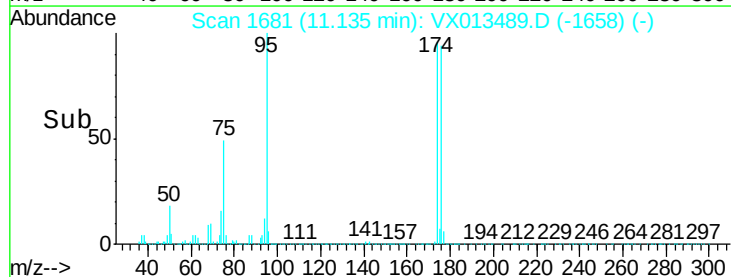
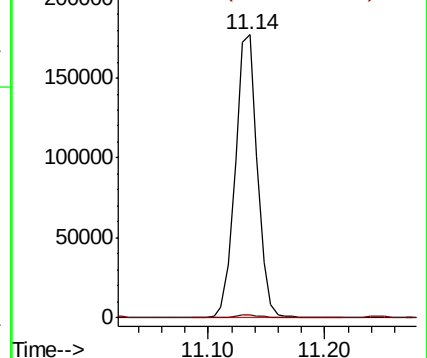
75 100

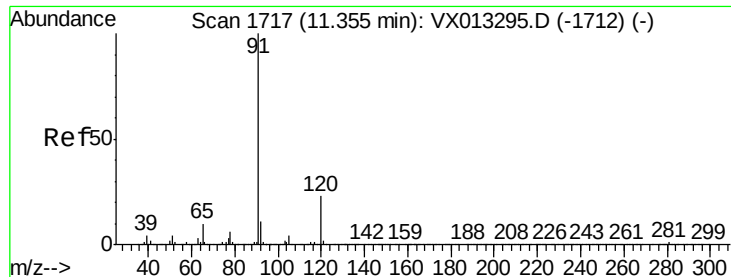
77 1.3 22.3 66.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 0.853 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013489.D

Acq: 20 Nov 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

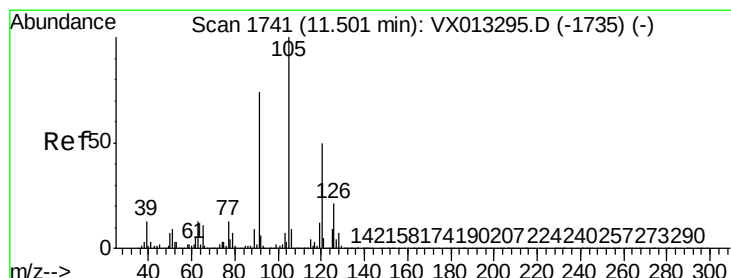
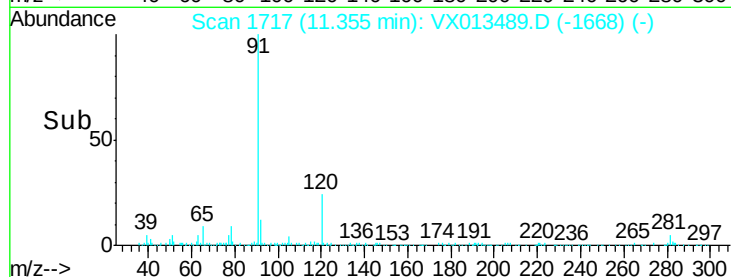
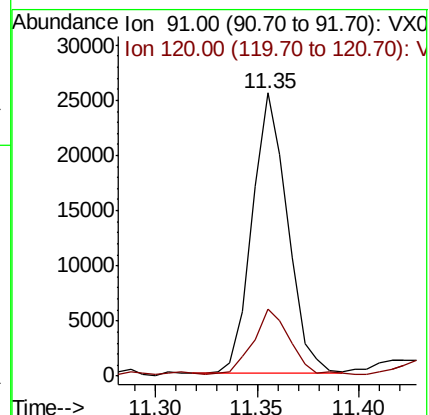
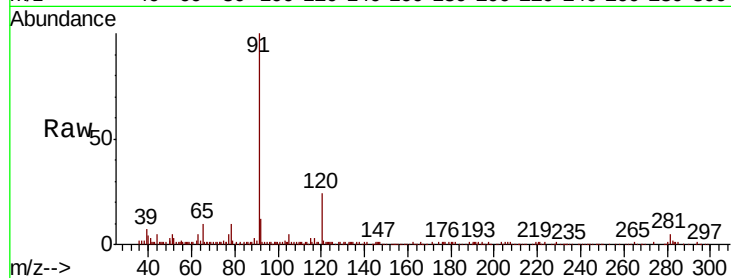
IBLK

Tot Ion: 91 Resp: 30735

Ion Ratio Lower Upper

91 100

120 24.6 11.6 34.8



#80

1,3,5-Trimethylbenzene

Concen: 0.381 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013489.D

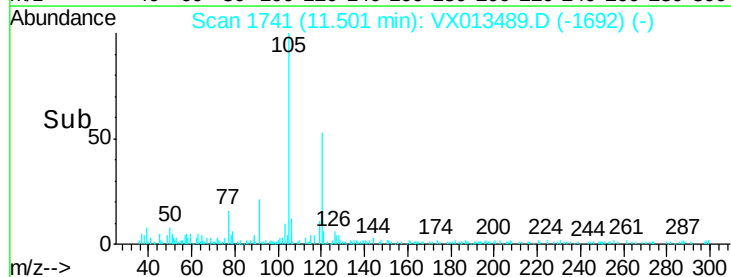
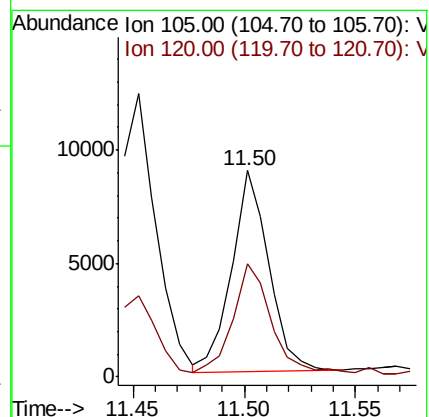
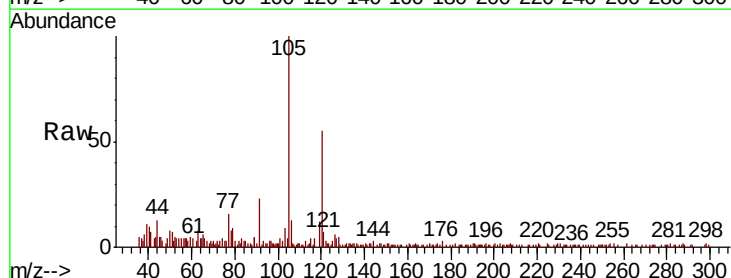
Acq: 20 Nov 2019 19:51

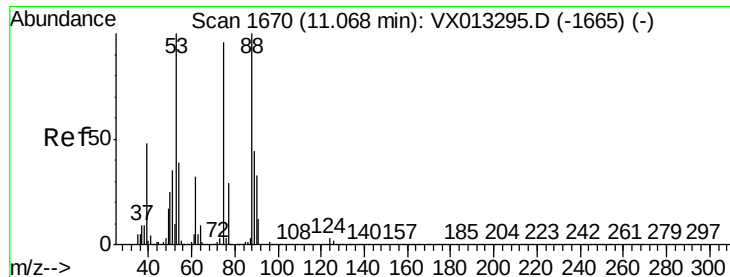
Tgt Ion: 105 Resp: 10251

Ion Ratio Lower Upper

105 100

120 55.1 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 60.592 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.07 min

Lab File: VX013489.D

Acq: 20 Nov 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

IBLK

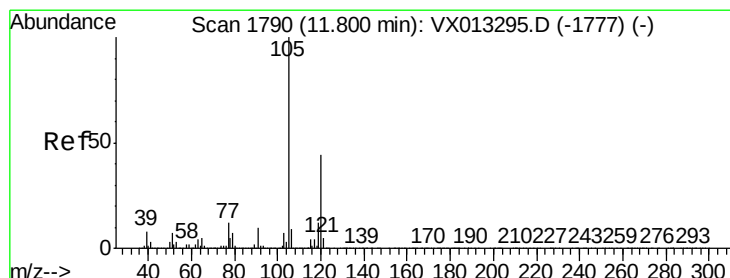
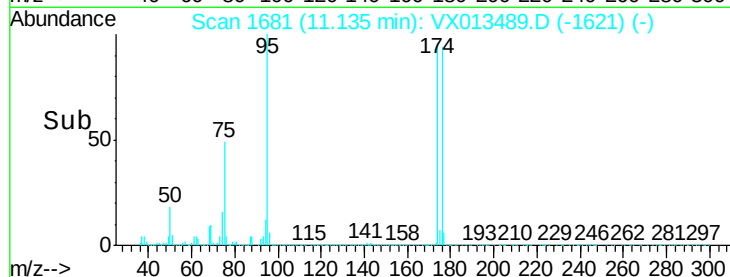
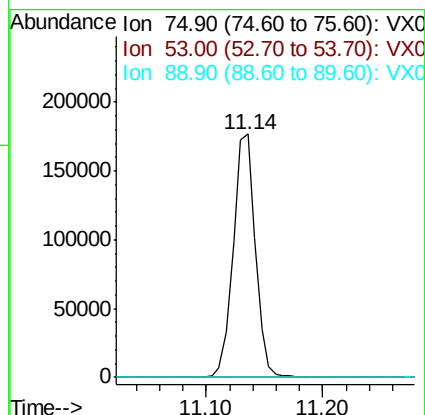
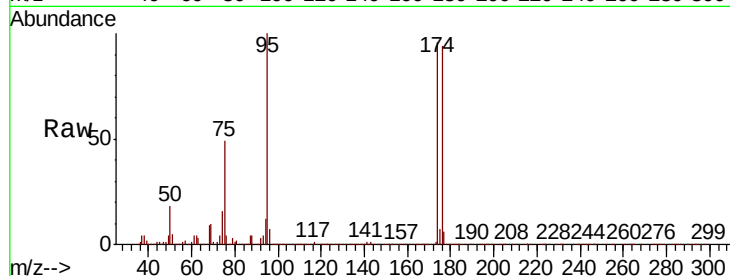
Tot Ion: 75 Resp: 233158

Ion Ratio Lower Upper

75 100

53 0.0 81.0 121.6#

89 0.0 36.0 54.0#



#84

1,2,4-Trimethylbenzene

Concen: 3.518 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. 0.01 min

Lab File: VX013489.D

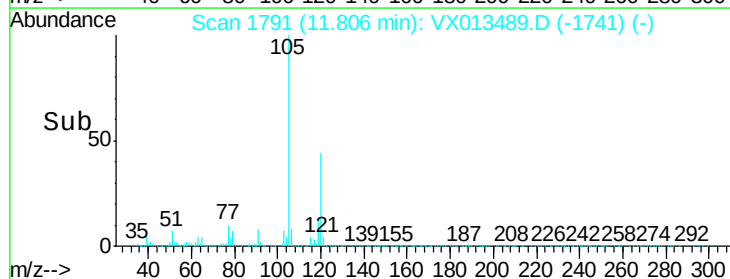
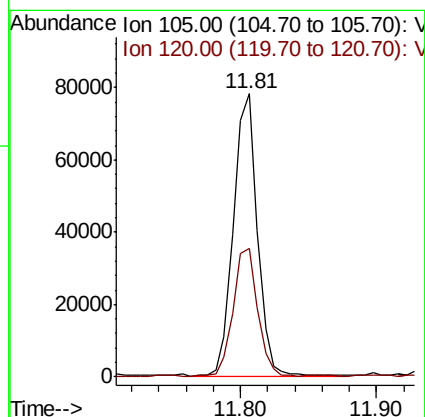
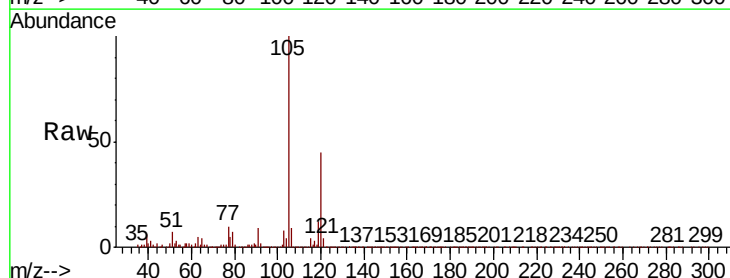
Acq: 20 Nov 2019 19:51

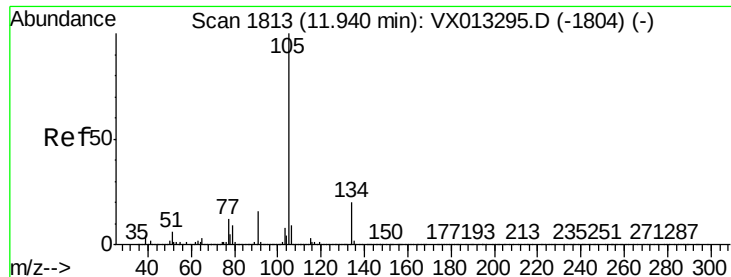
Tgt Ion: 105 Resp: 95035

Ion Ratio Lower Upper

105 100

120 47.6 22.7 68.1





#85

sec-Butylbenzene

Concen: 0.249 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013489.D

Acq: 20 Nov 2019 19:51

Instrument :

MSVOA_X

ClientSampled :

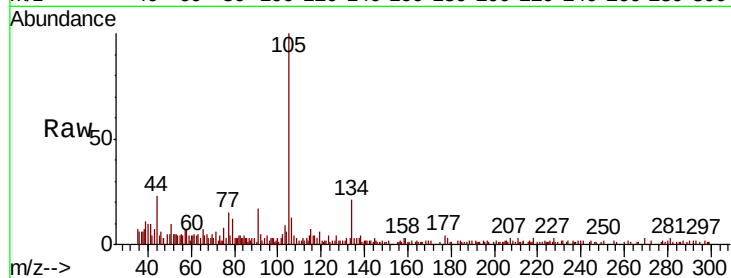
IBLK

Tot Ion:105 Resp: 7771

Ion Ratio Lower Upper

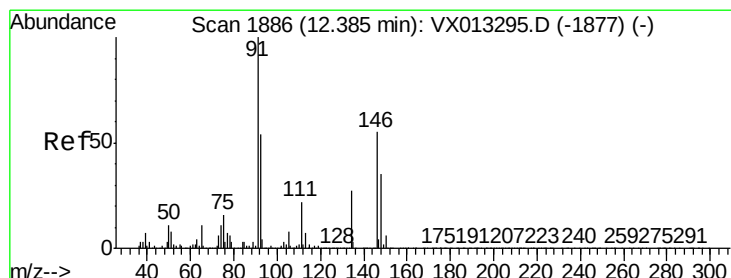
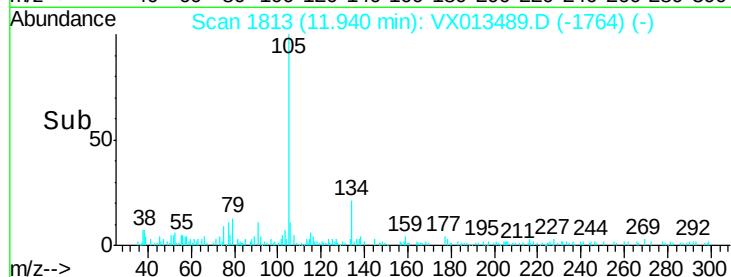
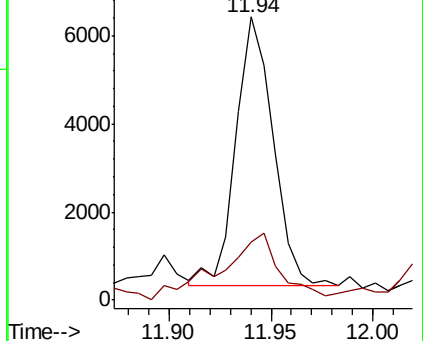
105 100

134 40.6 10.3 30.9#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#89

n-Butylbenzene

Concen: 0.325 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013489.D

Acq: 20 Nov 2019 19:51

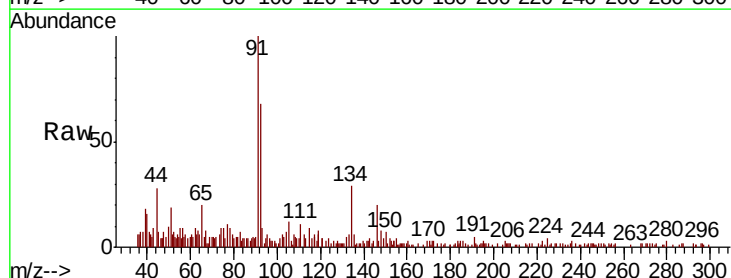
Tgt Ion: 91 Resp: 8132

Ion Ratio Lower Upper

91 100

92 47.5 27.3 81.8

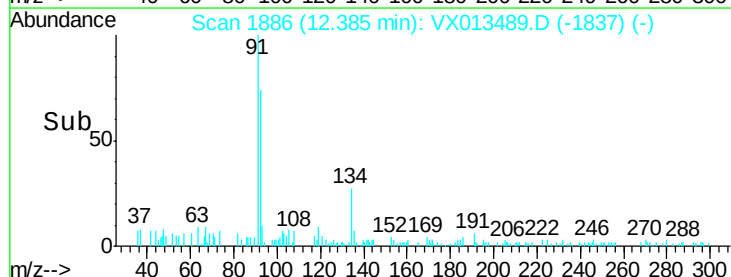
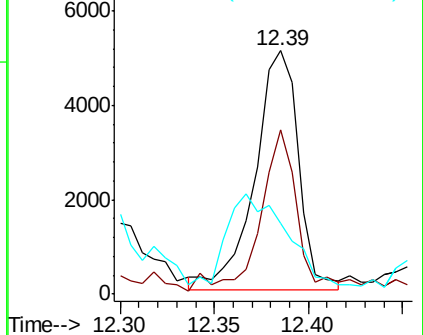
134 57.7 13.5 40.5#

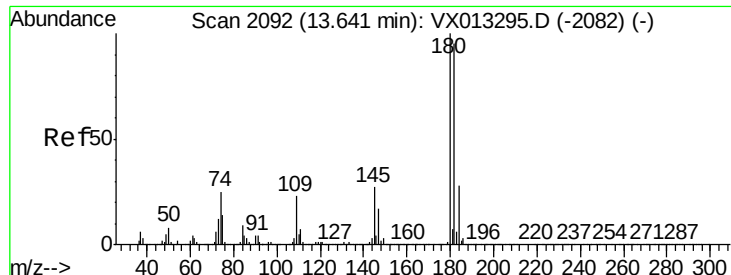


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#93

1,2,4-Trichlorobenzene

Concen: 0.290 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX013489.D

Acq: 20 Nov 2019 19:51

Instrument :

MSVOA_X

ClientSampled :

IBLK

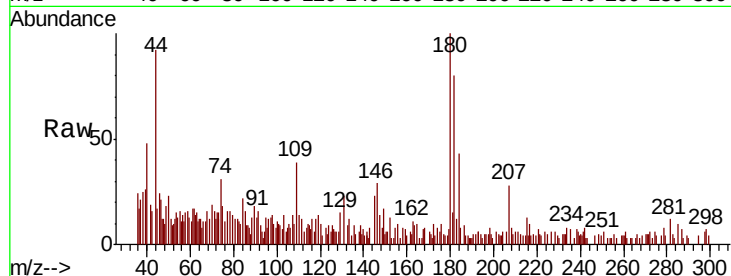
Tot Ion:180 Resp: 3110

Ion Ratio Lower Upper

180 100

182 77.2 48.4 145.0

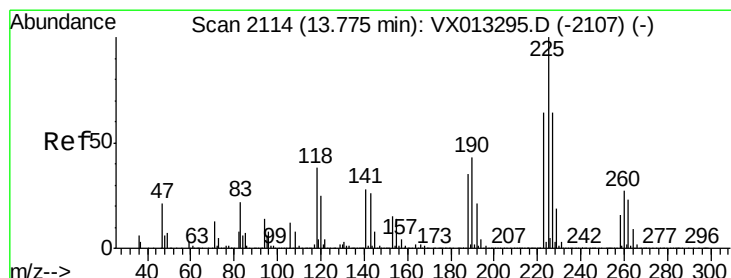
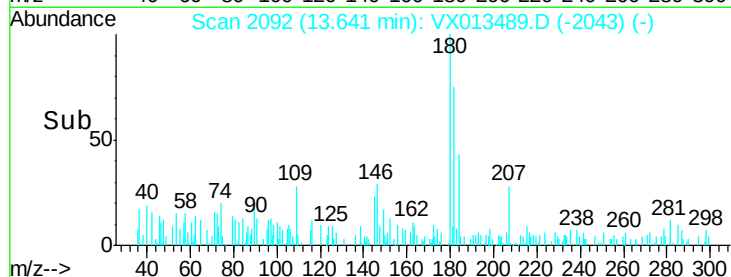
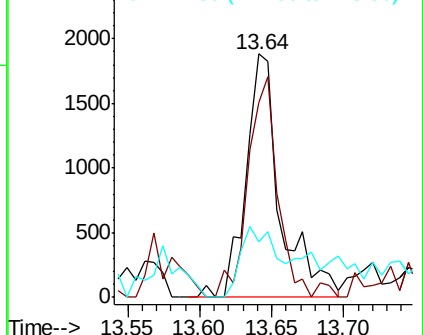
145 29.7 14.1 42.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 0.226 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VX013489.D

Acq: 20 Nov 2019 19:51

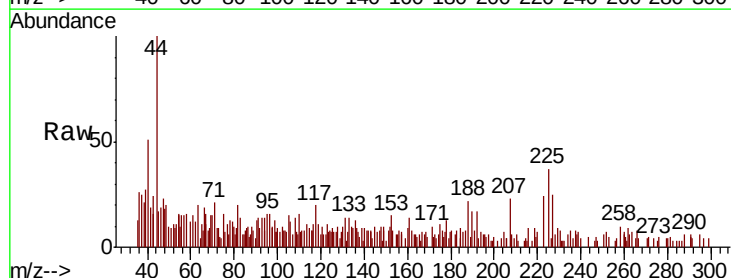
Tgt Ion:225 Resp: 1185

Ion Ratio Lower Upper

225 100

223 70.5 31.9 95.7

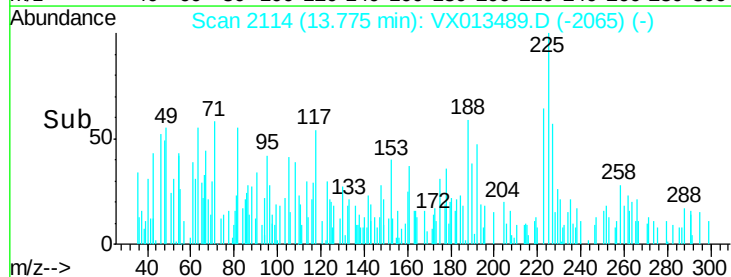
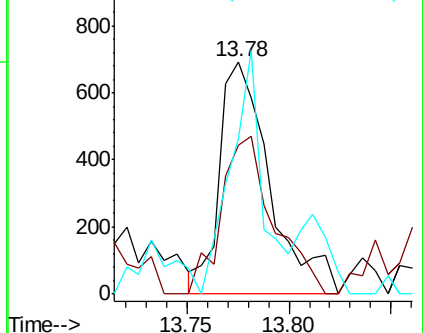
227 66.8 31.9 95.9

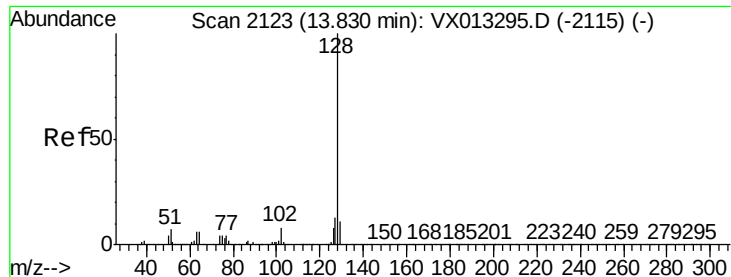


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 0.338 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX013489.D

Acq: 20 Nov 2019 19:51

Instrument :

MSVOA_X

ClientSampled :

IBLK

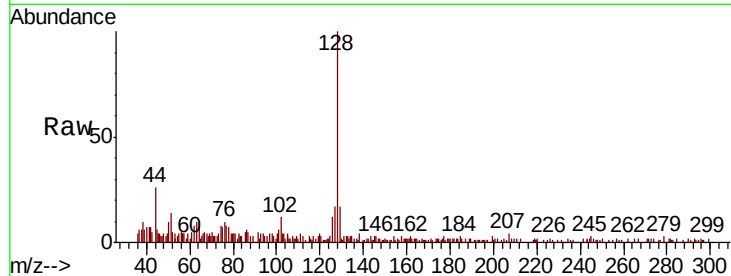
Tot Ion:128 Resp: 11363

Ion Ratio Lower Upper

128 100

127 17.7 10.2 15.2#

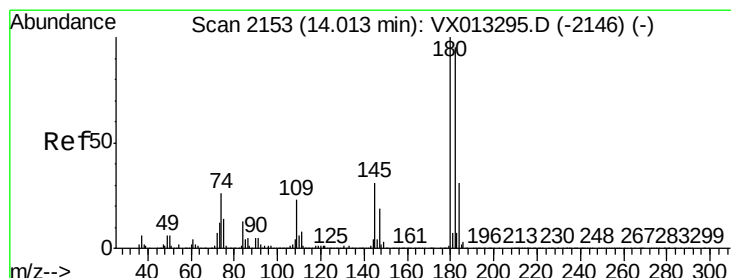
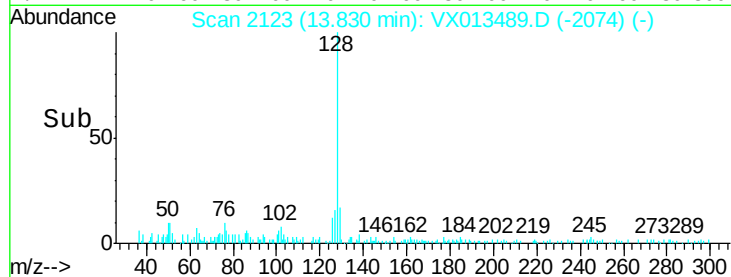
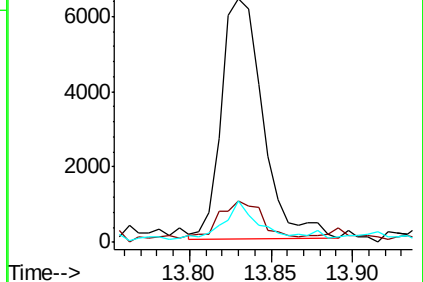
129 12.2 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.240 ug/l

RT: 14.02 min Scan# 2154

Delta R.T. 0.01 min

Lab File: VX013489.D

Acq: 20 Nov 2019 19:51

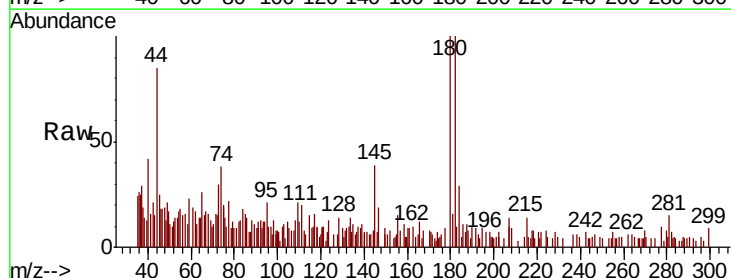
Tgt Ion:180 Resp: 2583

Ion Ratio Lower Upper

180 100

182 84.0 48.0 144.2

145 33.3 15.4 46.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

