

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112119\
 Data File : VX013496.D
 Acq On : 21 Nov 2019 12:30
 Operator : JC/SP
 Sample : K5958-03DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3DL

Quant Time: Nov 22 01:06:45 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	627324	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	997188	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	900978	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	467314	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	365372	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	
35) Dibromofluoromethane	5.49	113	301628	48.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.46%	
50) Toluene-d8	8.71	98	1204943	51.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.20%	
62) 4-Bromofluorobenzene	11.14	95	436987	51.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.70%	

Target Compounds

					Qvalue
3) Chloromethane	1.34	50	1994	0.254 ug/l #	43
5) Bromomethane	1.62	94	3731	0.600 ug/l #	74
6) Chloroethane	1.69	64	976	Below Cal #	63
10) Methyl Iodide	2.50	142	2837	0.390 ug/l #	84
11) Tert butyl alcohol	3.06	59	5124	2.616 ug/l #	83
16) Acetone	2.44	43	9311	2.512 ug/l #	79
17) Carbon Disulfide	2.55	76	4214	0.274 ug/l #	93
20) Methylene Chloride	2.84	84	2126	0.310 ug/l #	49
25) 2-Butanone	4.67	43	1427	0.262 ug/l #	71
30) Chloroform	5.20	83	10472	0.939 ug/l	90
31) Cyclohexane	5.56	56	4218	0.415 ug/l #	78
36) 1,1-Dichloropropene	5.64	75	41126	4.807 ug/l #	51
38) Carbon Tetrachloride	5.65	117	56706	6.779 ug/l #	16
39) Methylcyclohexane	7.45	83	20722	1.944 ug/l	97
40) Benzene	6.14	78	5574	0.209 ug/l #	80
49) 1,4-Dioxane	7.74	88	124	0.659 ug/l #	1
51) 4-Methyl-2-Pentanone	8.50	43	2727	0.253 ug/l	98
55) 1,1,2-Trichloroethane	9.16	97	7675	1.121 ug/l #	22
56) Ethyl methacrylate	9.15	69	1554	1.692 ug/l #	1
64) Tetrachloroethene	9.34	164	3224	0.500 ug/l #	87
67) Ethyl Benzene	10.25	91	999982	31.764 ug/l	98
68) m/p-Xylenes	10.35	106	336448	28.259 ug/l	99
69) o-Xylene	10.70	106	246583	21.154 ug/l	99
70) Styrene	10.70	104	14103	0.724 ug/l #	1
71) Bromoform	10.85	173	562	3.287 ug/l #	28
73) Isopropylbenzene	11.01	105	1213699	39.172 ug/l	100
74) N-amyl acetate	10.90	43	10471	0.729 ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.49	83	2348	0.208 ug/l	76
76) 1,2,3-Trichloropropane	11.35	75	14127	1.488 ug/l #	1
78) n-propylbenzene	11.35	91	2445930	70.868 ug/l	99
79) 2-Chlorotoluene	11.45	91	177814	8.551 ug/l #	40
80) 1,3,5-Trimethylbenzene	11.50	105	804724	31.182 ug/l	100
81) trans-1,4-Dichloro-2-buten	11.01	75	13400	3.634 ug/l #	67
82) 4-Chlorotoluene	11.50	91	84499	3.471 ug/l #	47

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 Response via : Initial Calibration

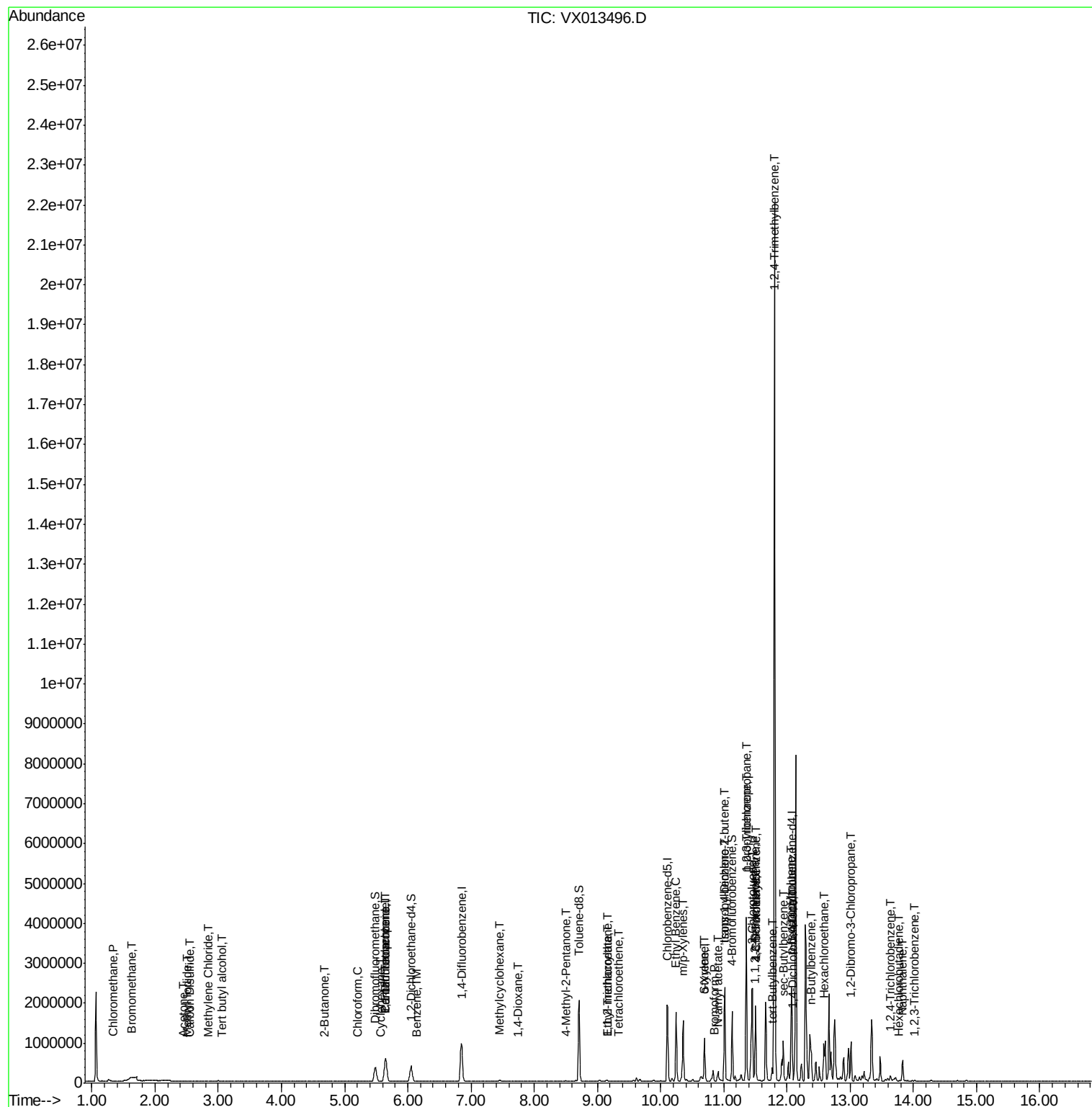
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) tert-Butylbenzene	11.76	119	120954	4.656	ug/l	88
84) 1,2,4-Trimethylbenzene	11.81	105	9179669	354.580	ug/l	94
85) sec-Butylbenzene	11.94	105	536101	17.955	ug/l #	75
86) p-Isopropyltoluene	12.06	119	250546	9.113	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	4530	0.302	ug/l #	1
89) n-Butylbenzene	12.39	91	340144	14.178	ug/l #	67
90) Hexachloroethane	12.59	117	38248	7.808	ug/l #	6
92) 1,2-Dibromo-3-Chloropropan	13.01	75	3293	1.196	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.64	180	4193	0.408	ug/l #	51
94) Hexachlorobutadiene	13.78	225	1657	0.330	ug/l	72
95) Naphthalene	13.83	128	323095	10.031	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	3377	0.328	ug/l #	82

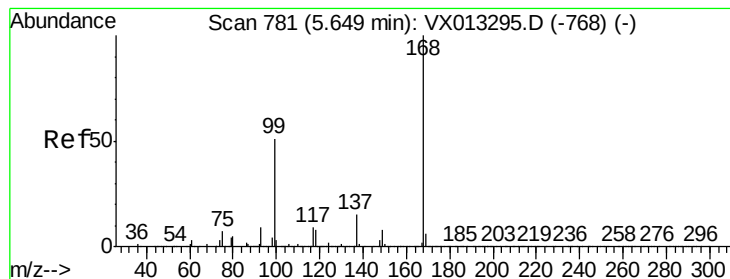
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX013496.D

Acq: 21 Nov 2019 12:30

Instrument :

MSVOA_X

ClientSampled :

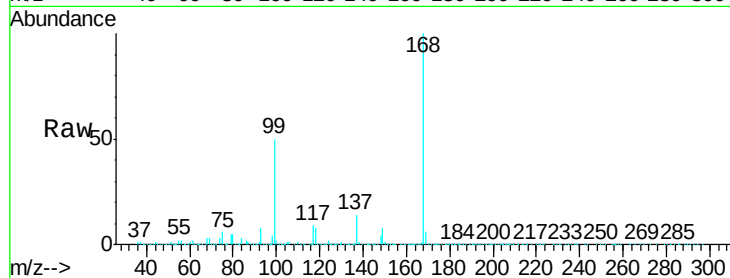
MW-3DL

Tgt Ion:168 Resp: 627324

Ion Ratio Lower Upper

168 100

99 50.0 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

250000

200000

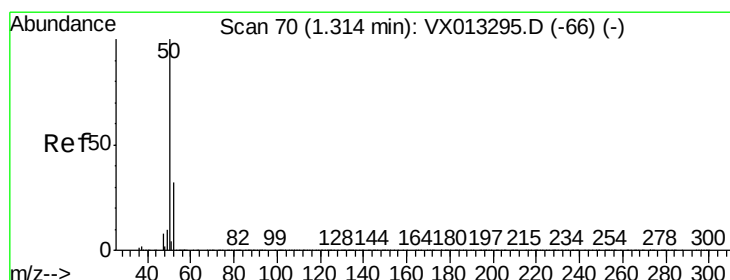
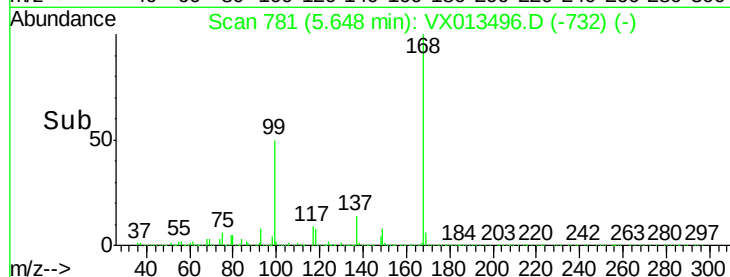
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.254 ug/l

RT: 1.34 min Scan# 74

Delta R.T. 0.02 min

Lab File: VX013496.D

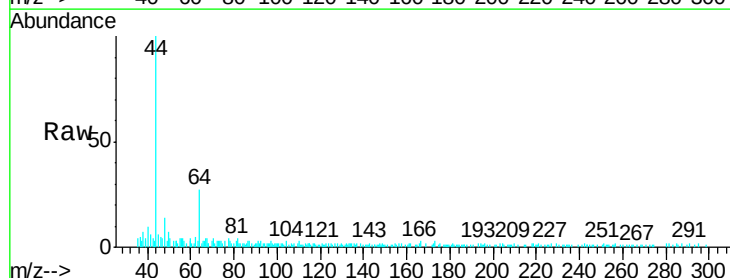
Acq: 21 Nov 2019 12:30

Tgt Ion: 50 Resp: 1994

Ion Ratio Lower Upper

50 100

52 0.0 25.5 38.3#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.34

1200

1000

800

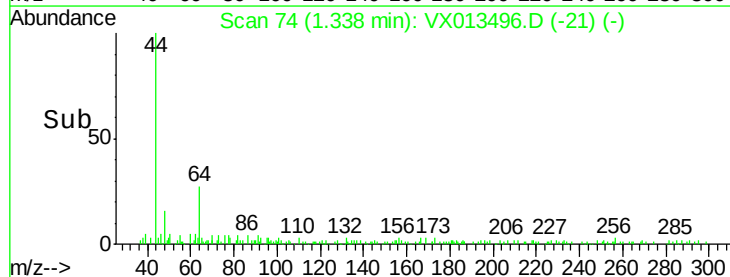
600

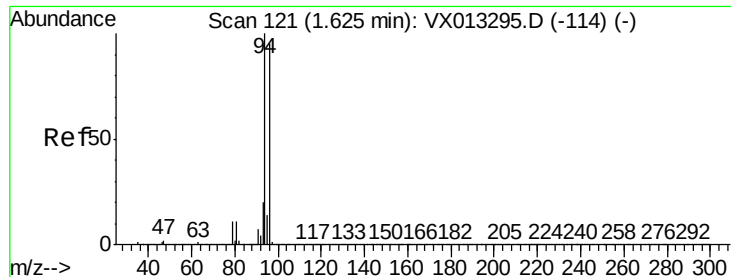
400

200

0

Time-->





#5

Bromomethane

Concen: 0.600 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX013496.D

Acq: 21 Nov 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

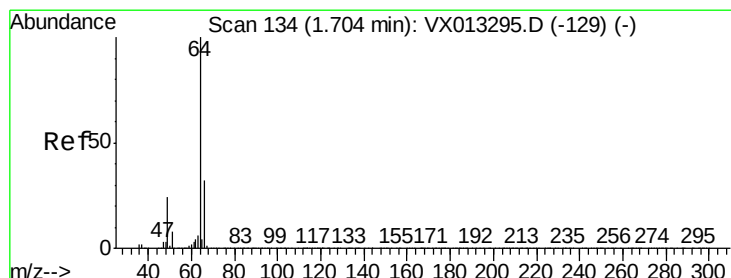
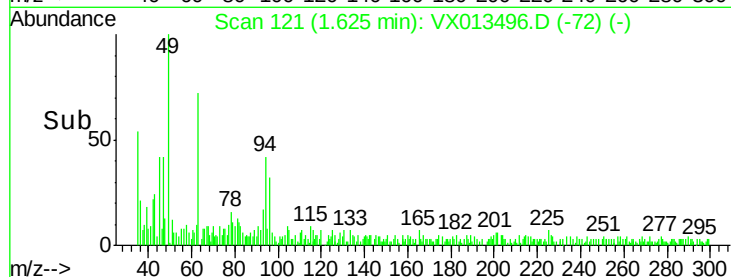
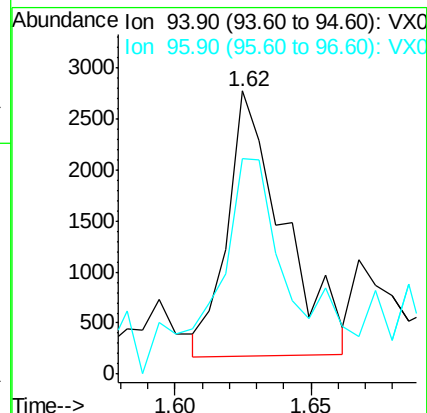
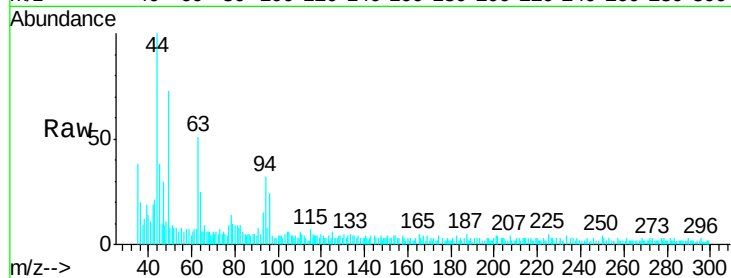
MW-3DL

Tgt Ion: 94 Resp: 3731

Ion Ratio Lower Upper

94 100

96 69.7 75.8 113.8#



#6

Chloroethane

Concen: Below Cal

RT: 1.69 min Scan# 131

Delta R.T. -0.02 min

Lab File: VX013496.D

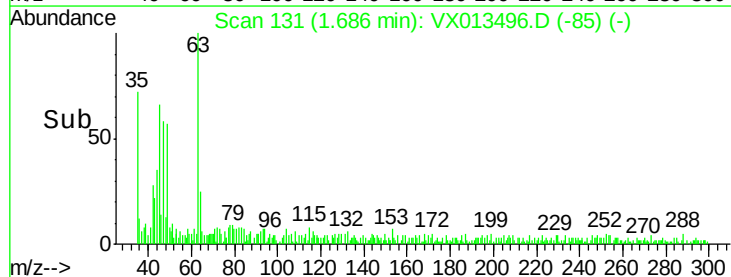
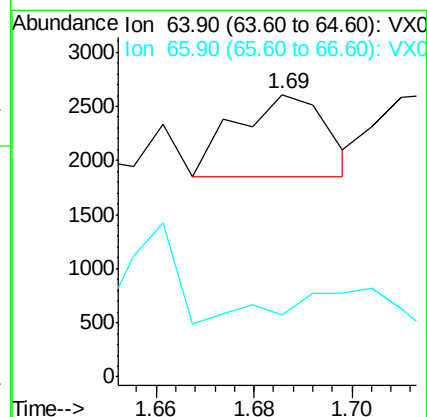
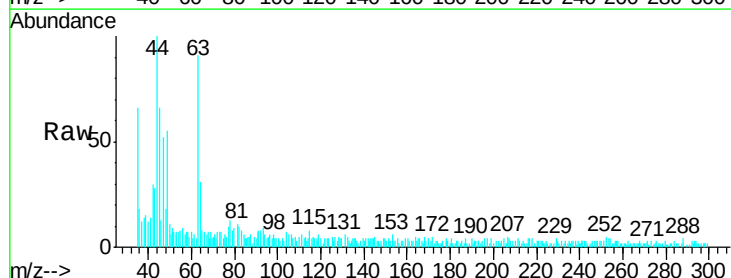
Acq: 21 Nov 2019 12:30

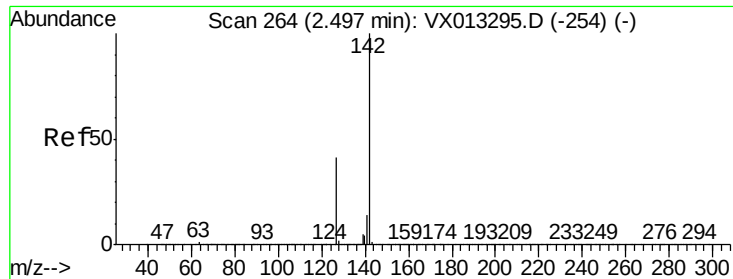
Tgt Ion: 64 Resp: 976

Ion Ratio Lower Upper

64 100

66 11.3 25.6 38.4#

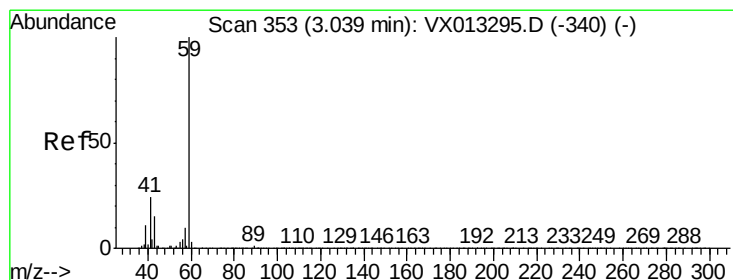
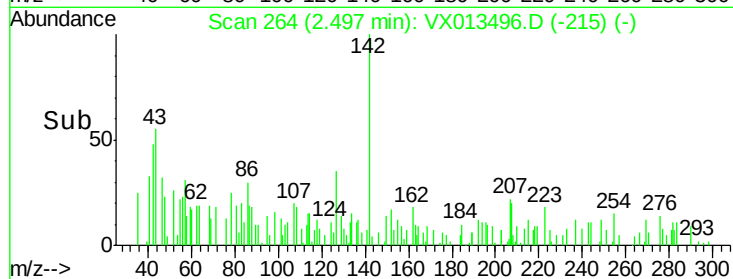
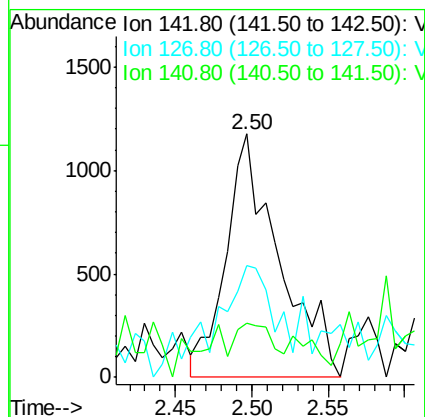
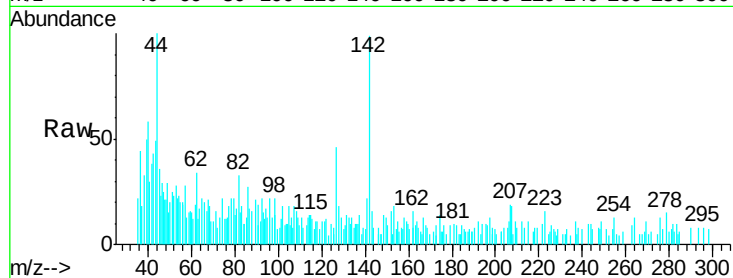




#10
Methyl Iodide
Concen: 0.390 ug/l
RT: 2.50 min Scan# 264
Delta R.T. -0.00 min
Lab File: VX013496.D
Acq: 21 Nov 2019 12:30

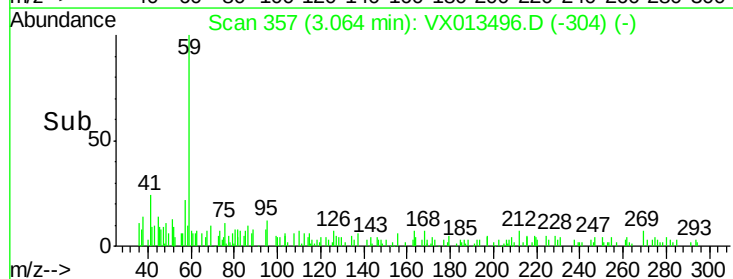
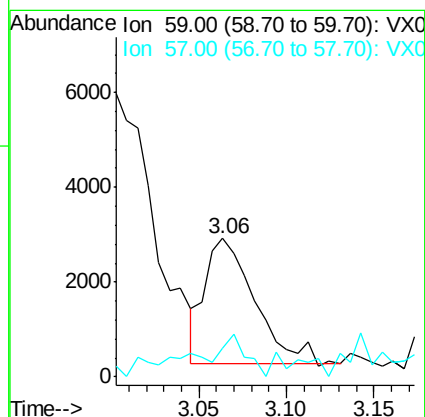
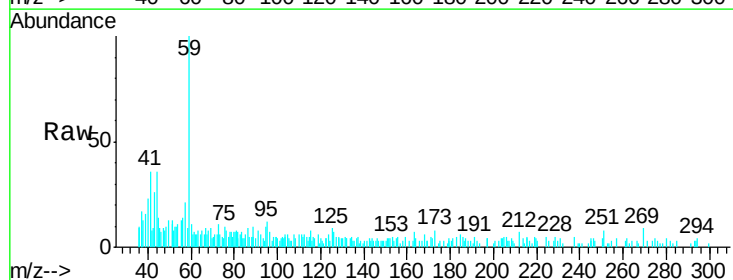
Instrument :
MSVOA_X
ClientSampled :
MW-3DL

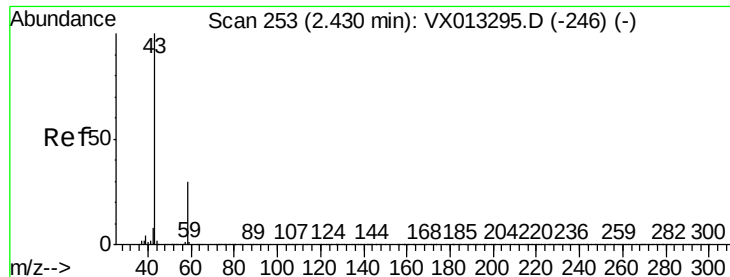
Tgt Ion: 142 Resp: 2837
Ion Ratio Lower Upper
142 100
127 53.8 32.6 49.0#
141 14.8 11.6 17.4



#11
Tert butyl alcohol
Concen: 2.616 ug/l
RT: 3.06 min Scan# 357
Delta R.T. 0.02 min
Lab File: VX013496.D
Acq: 21 Nov 2019 12:30

Tgt Ion: 59 Resp: 5124
Ion Ratio Lower Upper
59 100
57 16.4 8.0 12.0#

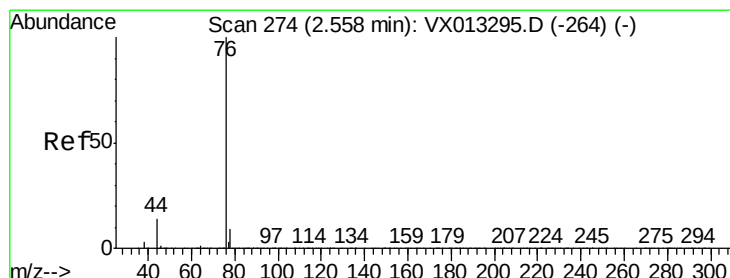
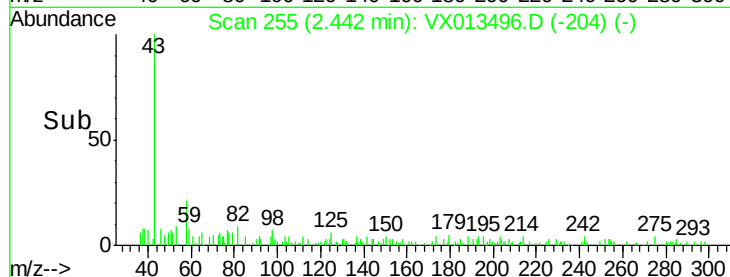
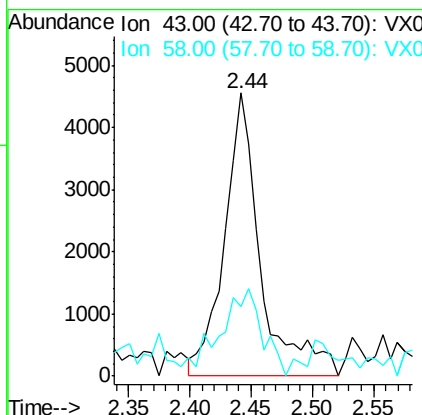
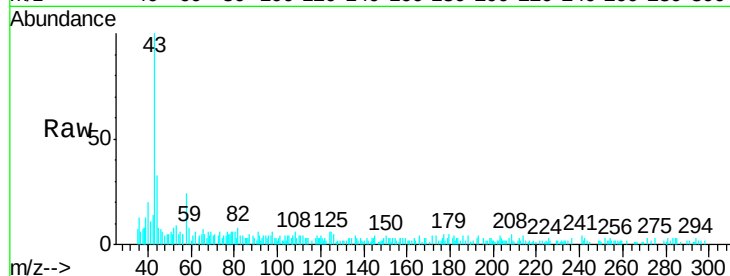




#16
Acetone
Concen: 2.512 ug/l
RT: 2.44 min Scan# 255
Delta R.T. 0.01 min
Lab File: VX013496.D
Acq: 21 Nov 2019 12:30

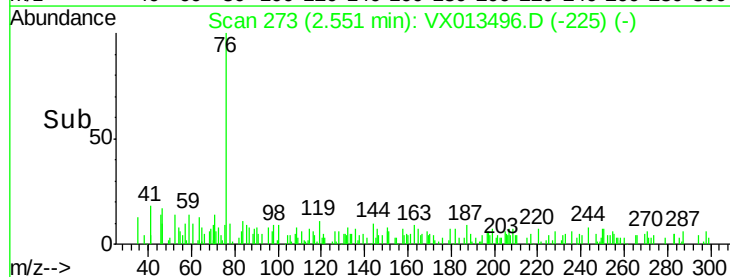
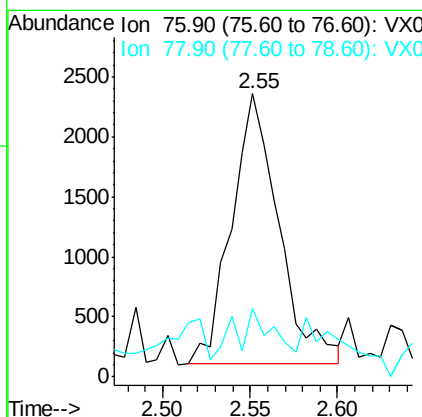
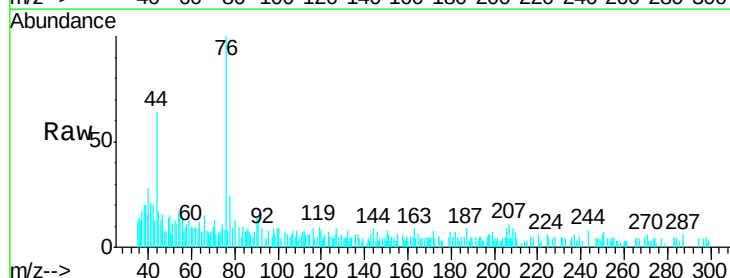
Instrument :
MSVOA_X
ClientSampled :
MW-3DL

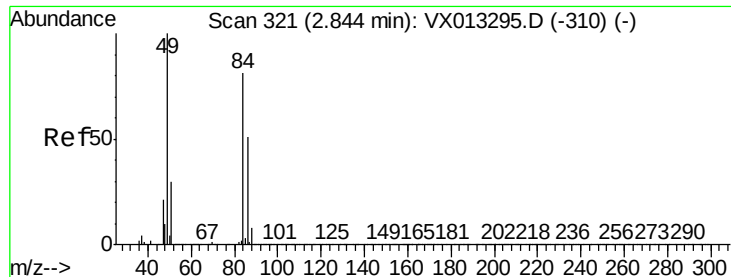
Tgt Ion: 43 Resp: 9311
Ion Ratio Lower Upper
43 100
58 18.9 24.3 36.5#



#17
Carbon Disulfide
Concen: 0.274 ug/l
RT: 2.55 min Scan# 273
Delta R.T. -0.01 min
Lab File: VX013496.D
Acq: 21 Nov 2019 12:30

Tgt Ion: 76 Resp: 4214
Ion Ratio Lower Upper
76 100
78 11.4 7.0 10.6#





#20

Methylene Chloride

Concen: 0.310 ug/l

RT: 2.84 min Scan# 320

Delta R.T. -0.01 min

Lab File: VX013496.D

Acq: 21 Nov 2019 12:30

Instrument :

MSVOA_X

ClientSampled :

MW-3DL

Tgt Ion: 84 Resp: 2126

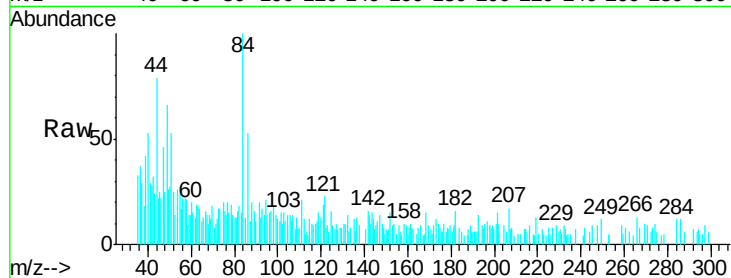
Ion Ratio Lower Upper

84 100

49 34.0 98.2 147.4#

51 30.5 29.9 44.9

86 46.8 49.9 74.9#

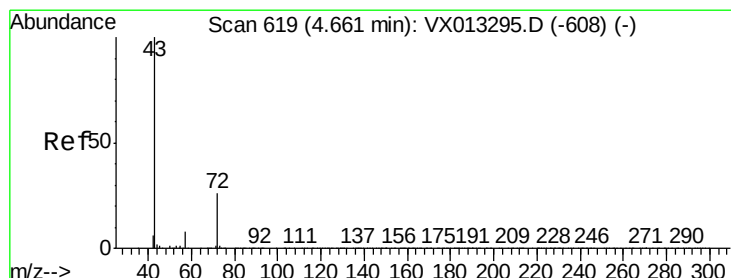
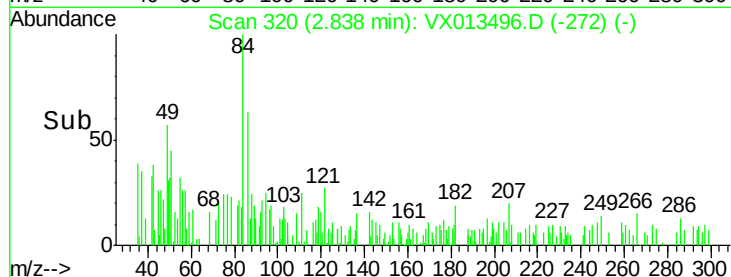
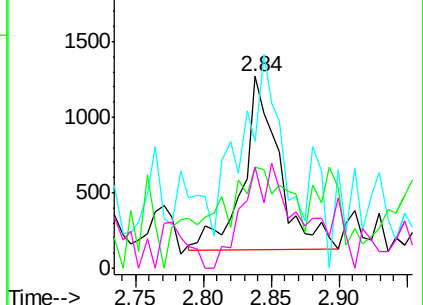


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#25

2-Butanone

Concen: 0.262 ug/l

RT: 4.67 min Scan# 621

Delta R.T. 0.01 min

Lab File: VX013496.D

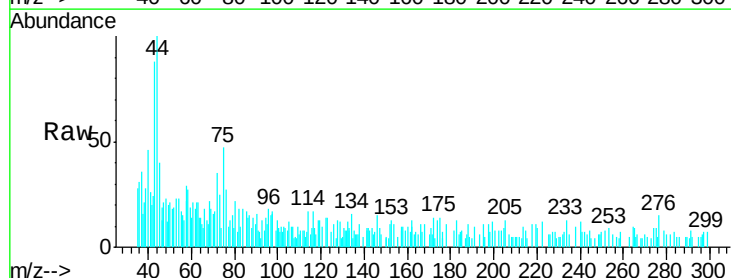
Acq: 21 Nov 2019 12:30

Tgt Ion: 43 Resp: 1427

Ion Ratio Lower Upper

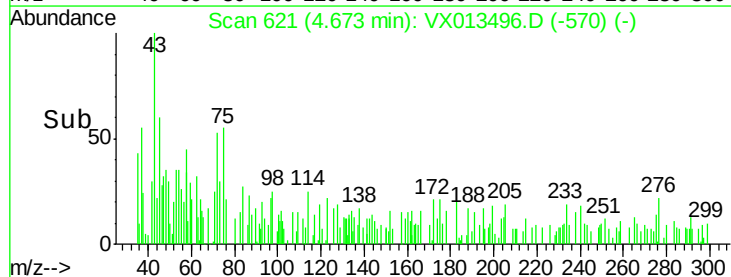
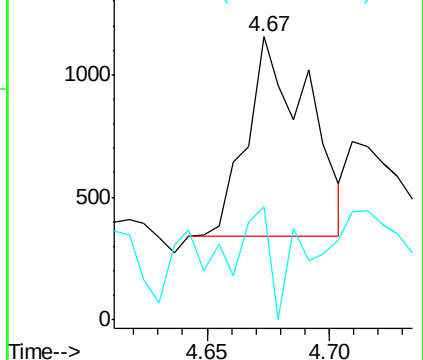
43 100

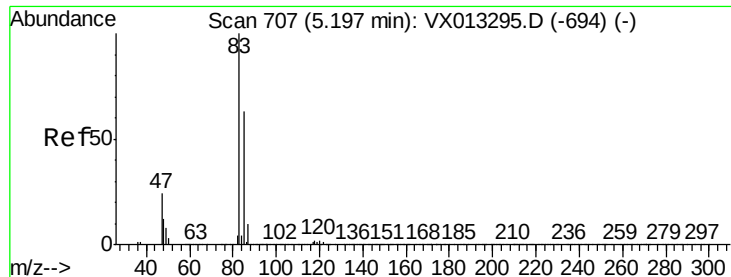
72 11.4 21.0 31.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

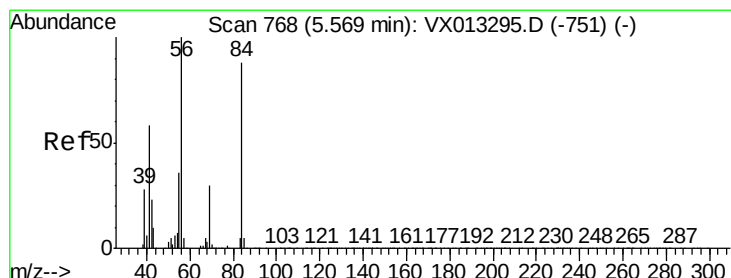
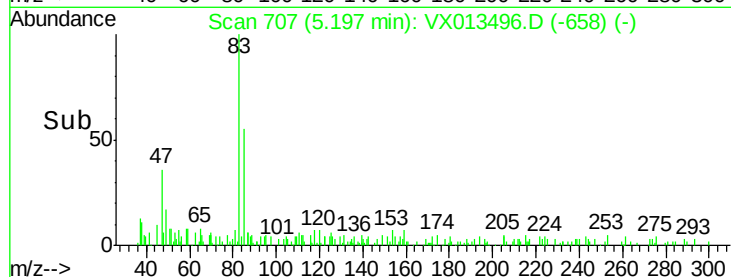
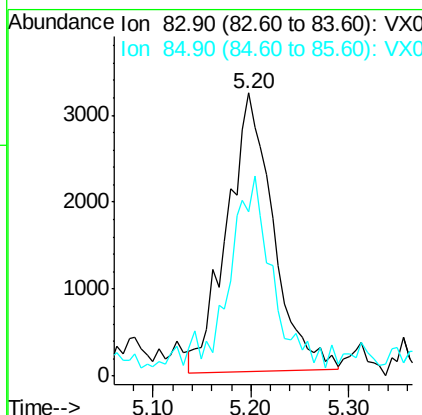
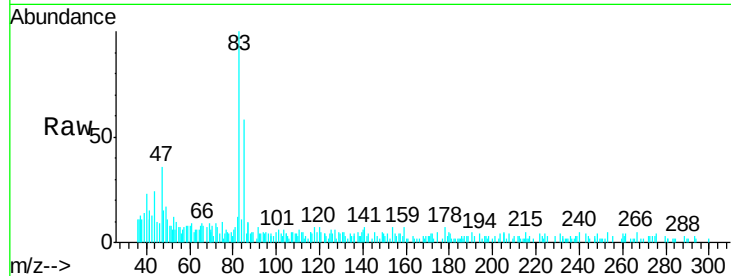




#30
Chloroform
Concen: 0.939 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013496.D
Acq: 21 Nov 2019 12:30

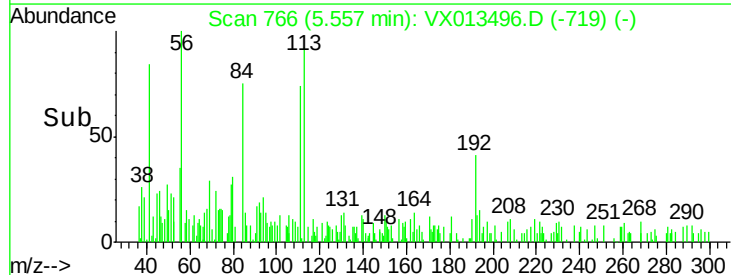
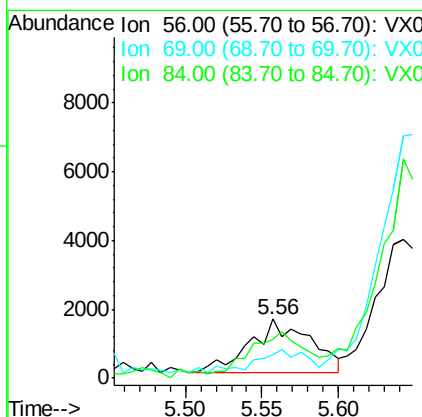
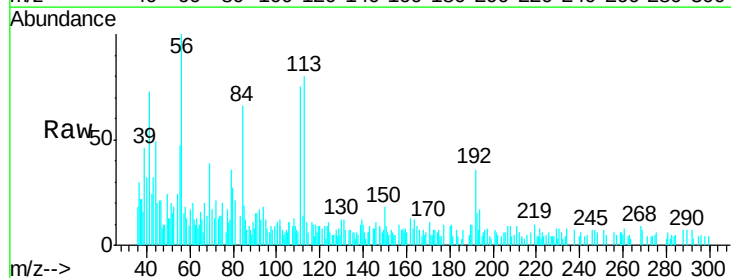
Instrument :
MSVOA_X
ClientSampleId :
MW-3DL

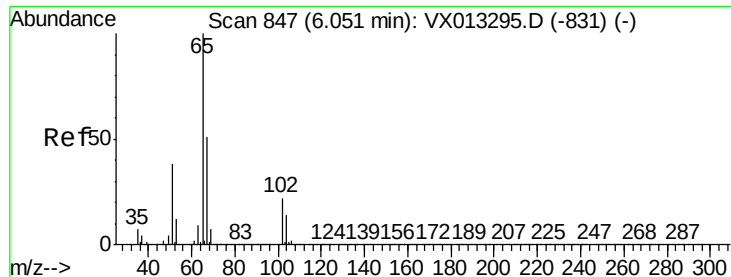
Tgt Ion: 83 Resp: 10472
Ion Ratio Lower Upper
83 100
85 55.4 50.2 75.4



#31
Cyclohexane
Concen: 0.415 ug/l
RT: 5.56 min Scan# 766
Delta R.T. -0.01 min
Lab File: VX013496.D
Acq: 21 Nov 2019 12:30

Tgt Ion: 56 Resp: 4218
Ion Ratio Lower Upper
56 100
69 32.2 23.7 35.5
84 62.1 70.6 105.8#

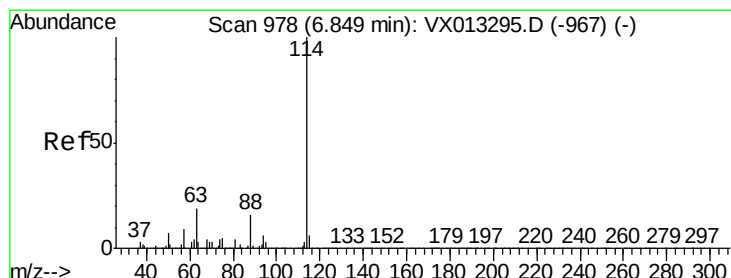
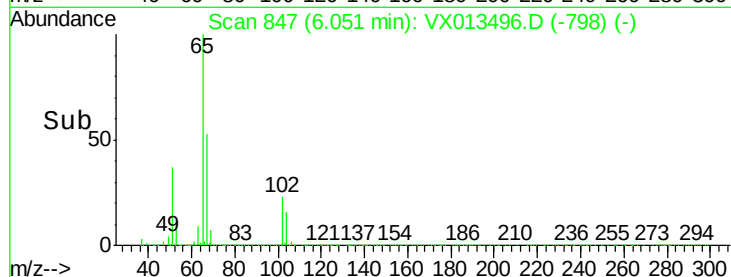
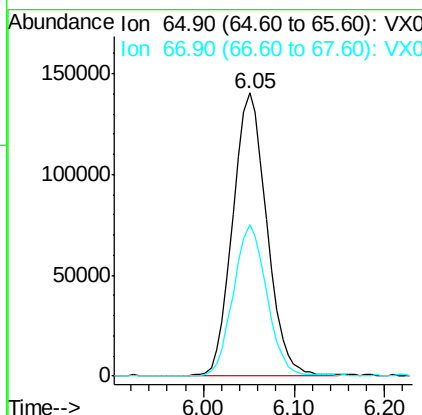
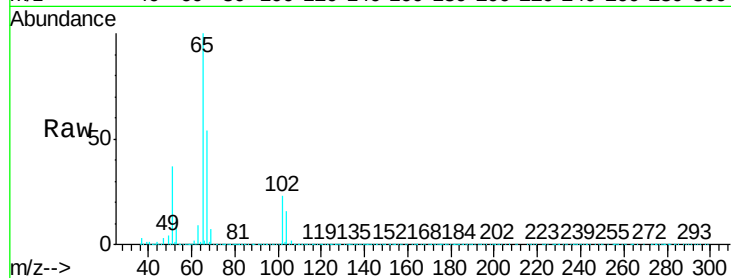




#33
 1,2-Dichloroethane-d4
 Concen: 49.162 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX013496.D
 Acq: 21 Nov 2019 12:30

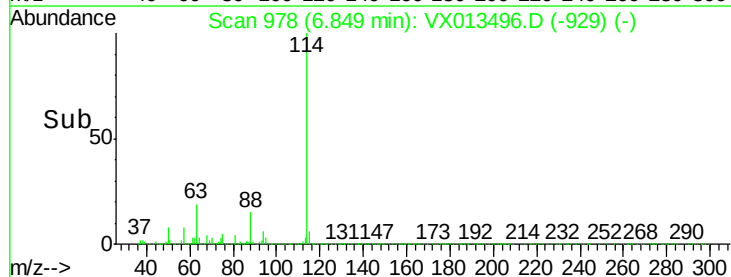
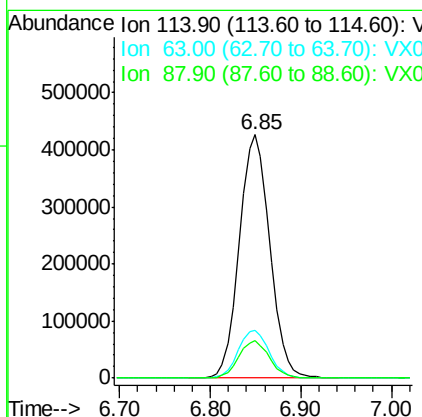
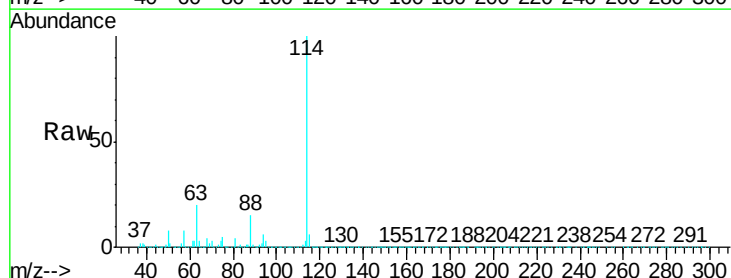
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3DL

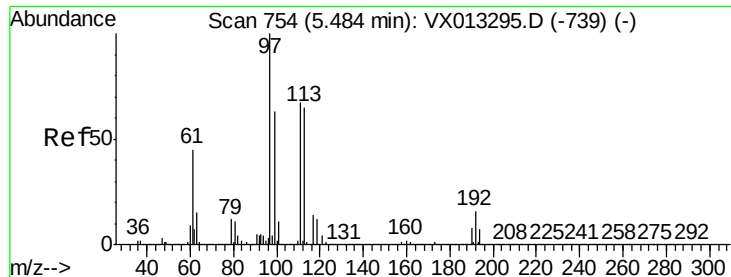
Tgt Ion: 65 Resp: 365372
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013496.D
 Acq: 21 Nov 2019 12:30

Tgt Ion: 114 Resp: 997188
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.4
 88 15.5 0.0 32.2

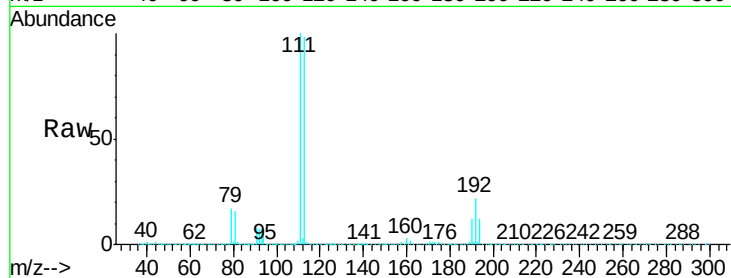




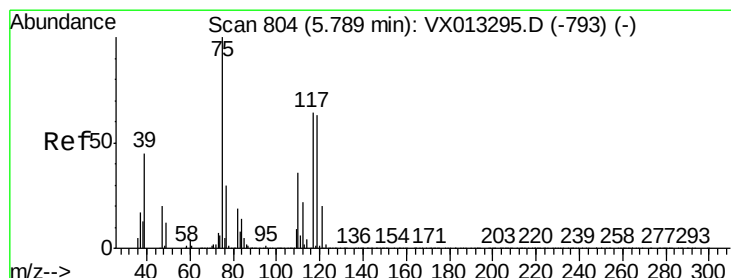
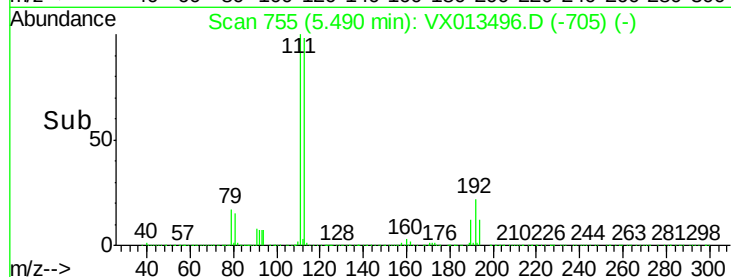
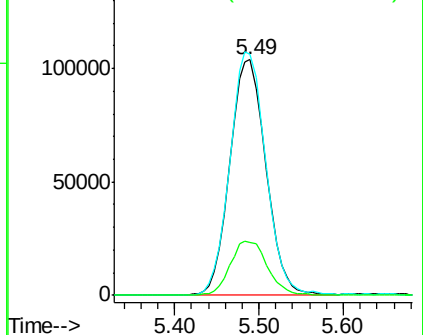
#35
Dibromofluoromethane
Concen: 48.226 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX013496.D
Acq: 21 Nov 2019 12:30

Instrument :
MSVOA_X
ClientSampleId :
MW-3DL

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.9	122.9
192	24.0	19.1	28.7

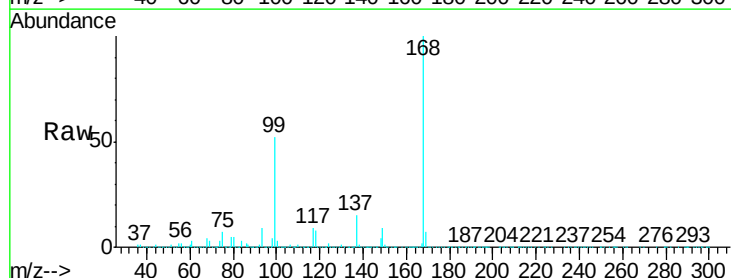


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

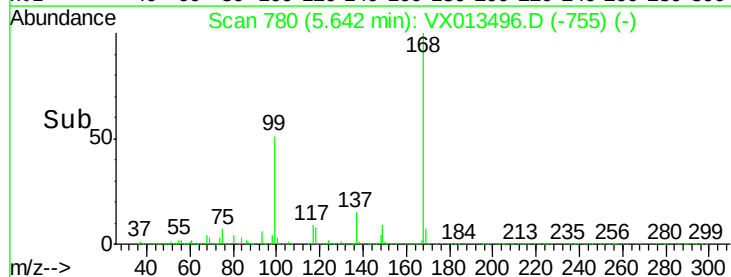
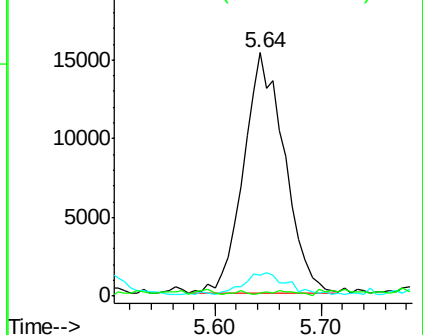


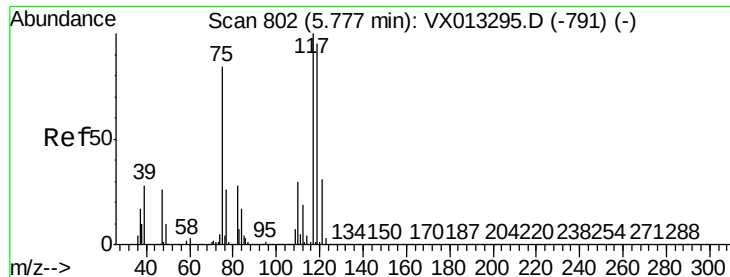
#36
1,1-Dichloropropene
Concen: 4.807 ug/l
RT: 5.64 min Scan# 780
Delta R.T. -0.15 min
Lab File: VX013496.D
Acq: 21 Nov 2019 12:30

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.1	18.1	54.1#
77	1.7	25.0	37.4#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.779 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.13 min

Lab File: VX013496.D

Acq: 21 Nov 2019 12:30

Instrument :

MSVOA_X

ClientSampled :

MW-3DL

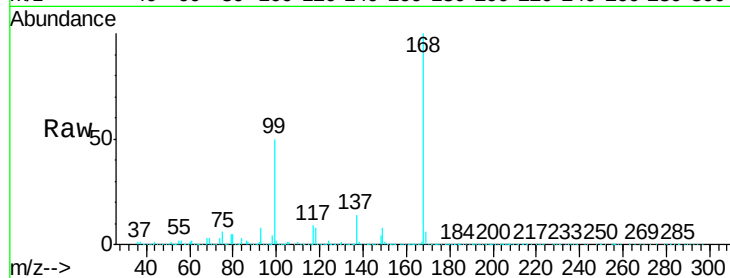
Tgt Ion:117 Resp: 56706

Ion Ratio Lower Upper

117 100

119 4.9 76.1 114.1#

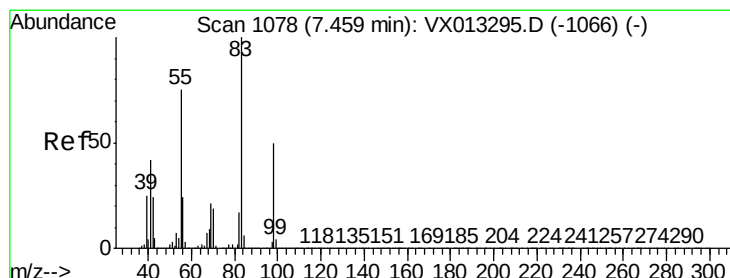
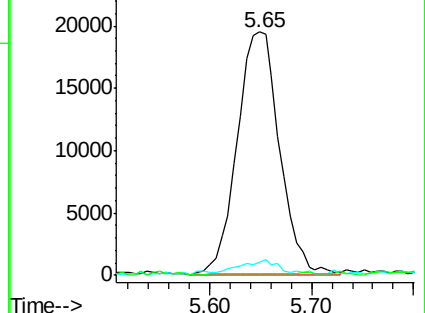
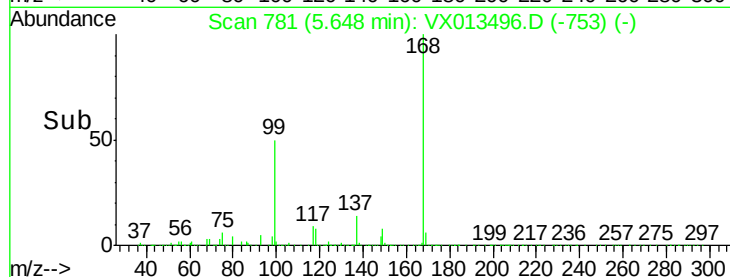
121 0.1 24.6 37.0#



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



#39

Methylcyclohexane

Concen: 1.944 ug/l

RT: 7.45 min Scan# 1077

Delta R.T. -0.01 min

Lab File: VX013496.D

Acq: 21 Nov 2019 12:30

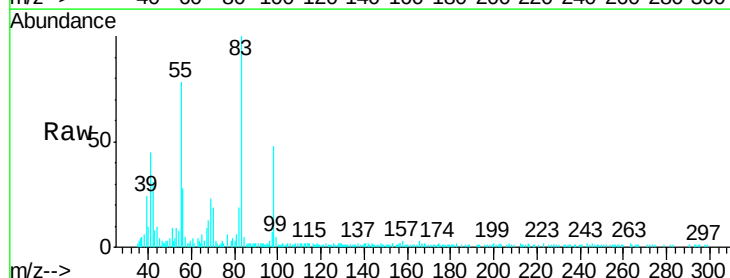
Tgt Ion: 83 Resp: 20722

Ion Ratio Lower Upper

83 100

55 76.3 60.3 90.5

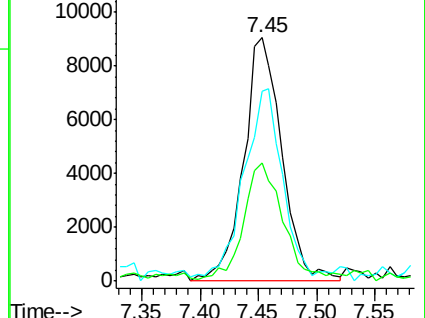
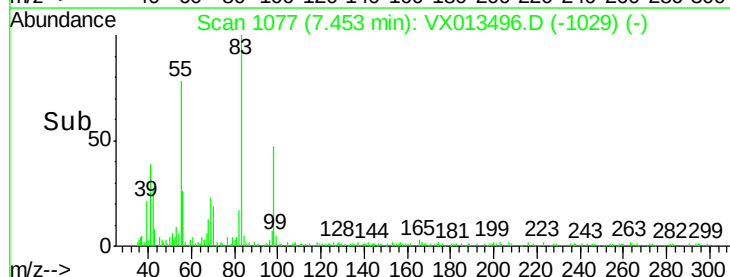
98 47.0 40.3 60.5

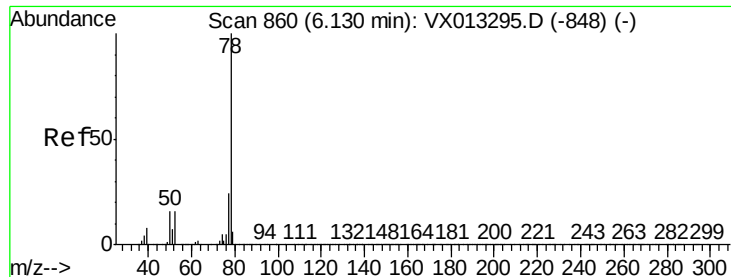


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 0.209 ug/l

RT: 6.14 min Scan# 861

Delta R.T. 0.01 min

Lab File: VX013496.D

Acq: 21 Nov 2019 12:30

Instrument :

MSVOA_X

ClientSampled :

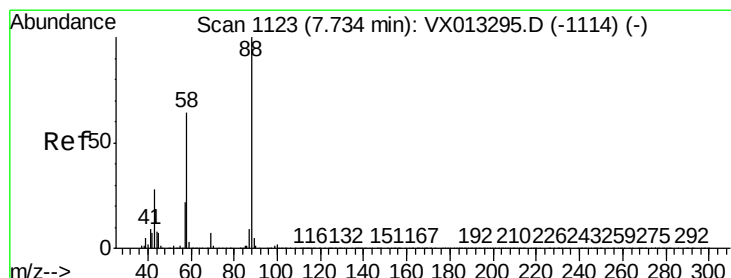
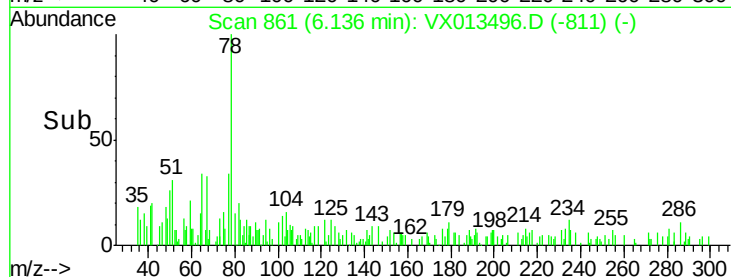
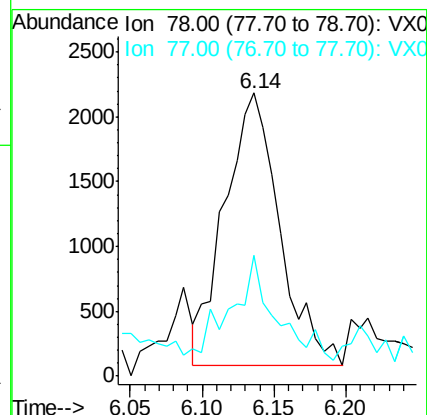
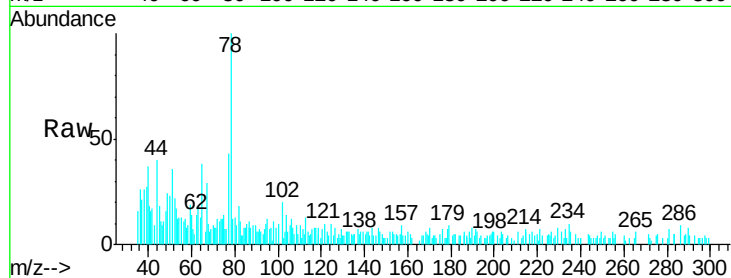
MW-3DL

Tgt Ion: 78 Resp: 5574

Ion Ratio Lower Upper

78 100

77 34.2 19.5 29.3#



#49

1,4-Dioxane

Concen: 0.659 ug/l

RT: 7.74 min Scan# 1124

Delta R.T. 0.01 min

Lab File: VX013496.D

Acq: 21 Nov 2019 12:30

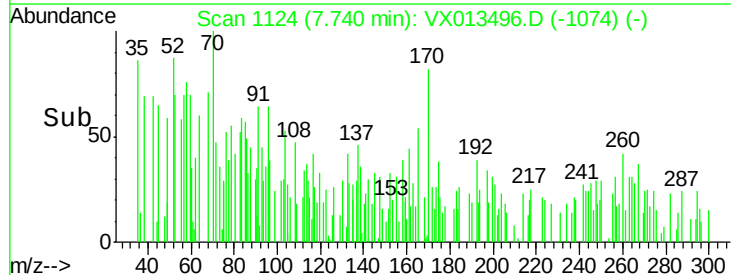
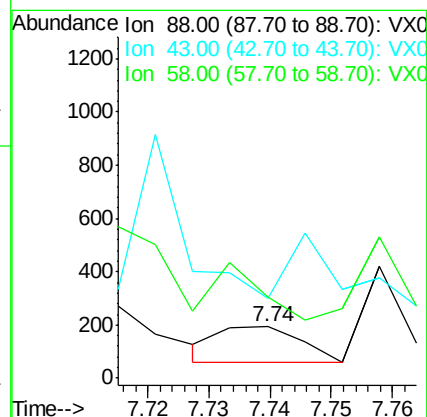
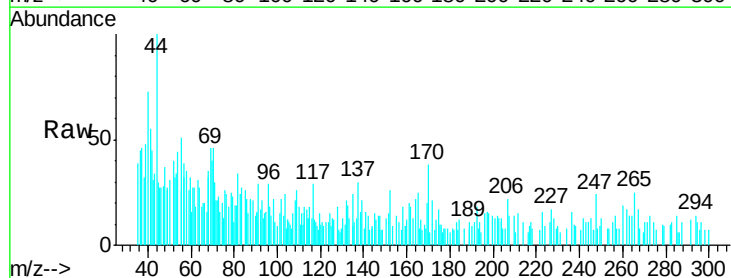
Tgt Ion: 88 Resp: 124

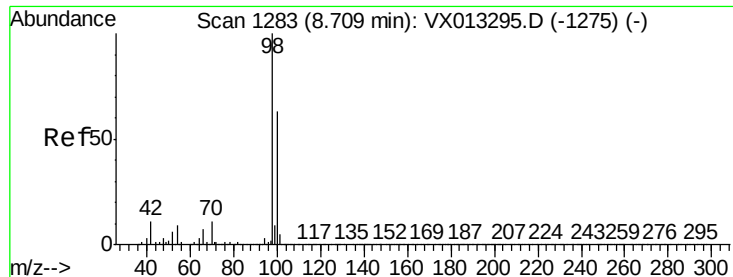
Ion Ratio Lower Upper

88 100

43 0.0 26.6 39.8#

58 242.7 55.0 82.6#





#50

Toluene-d8

Concen: 51.103 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013496.D

Acq: 21 Nov 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

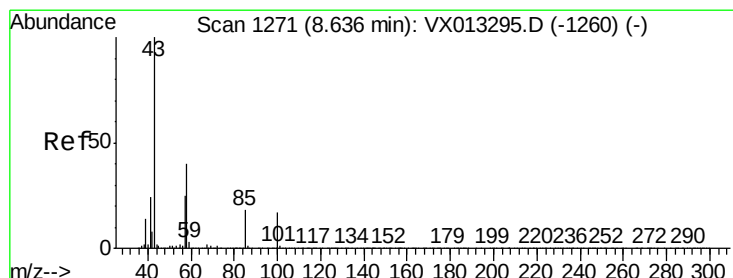
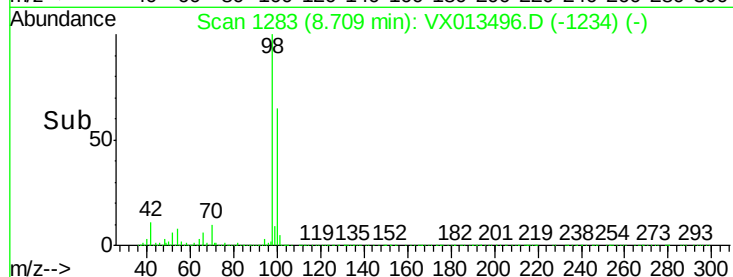
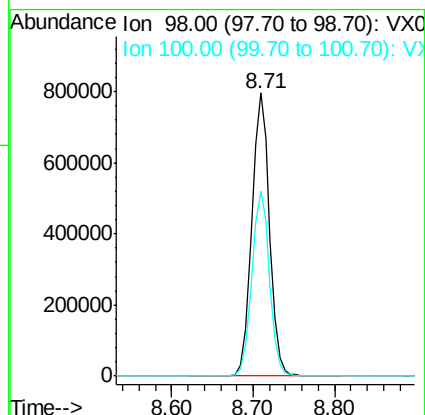
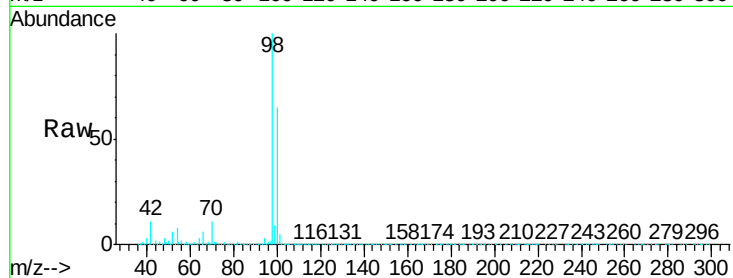
MW-3DL

Tgt Ion: 98 Resp: 1204943

Ion Ratio Lower Upper

98 100

100 65.4 52.2 78.2



#51

4-Methyl-2-Pentanone

Concen: 0.253 ug/l

RT: 8.50 min Scan# 1248

Delta R.T. -0.14 min

Lab File: VX013496.D

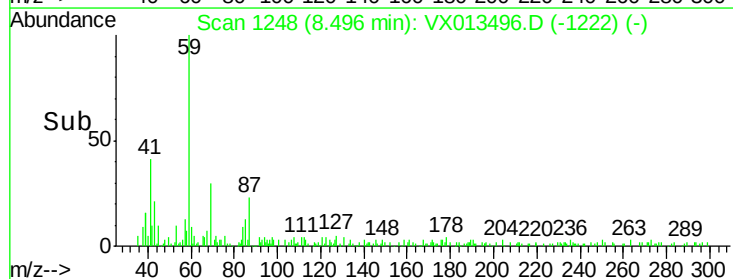
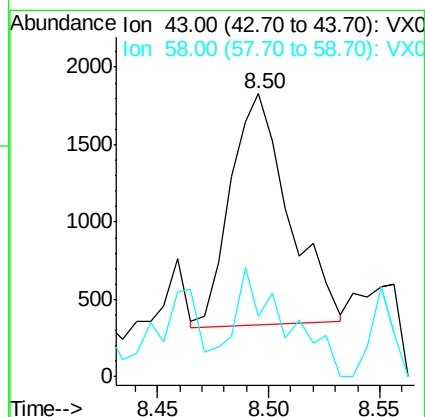
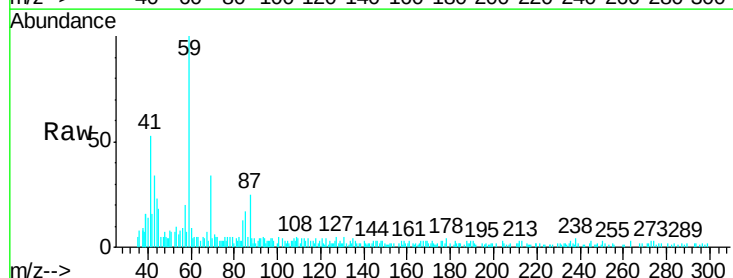
Acq: 21 Nov 2019 12:30

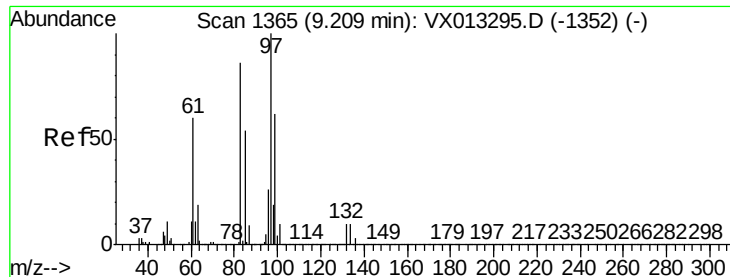
Tgt Ion: 43 Resp: 2727

Ion Ratio Lower Upper

43 100

58 40.3 31.4 47.0





#55

1,1,2-Trichloroethane

Concen: 1.121 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. -0.05 min

Lab File: VX013496.D

Acq: 21 Nov 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

MW-3DL

Tgt Ion: 97 Resp: 7675

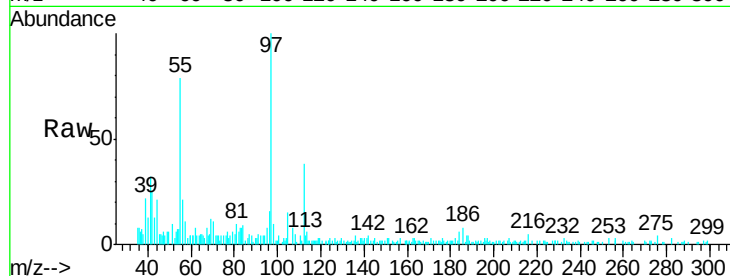
Ion Ratio Lower Upper

97 100

83 12.8 68.6 103.0#

85 0.8 43.1 64.7#

99 0.0 49.4 74.0#

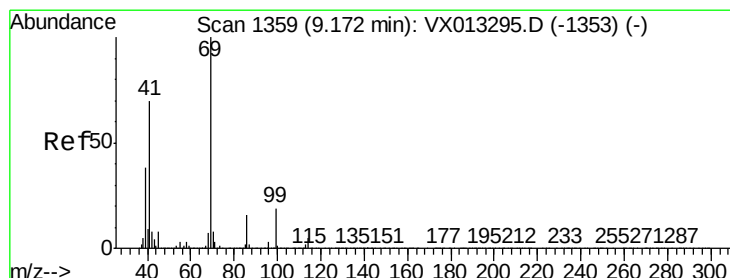
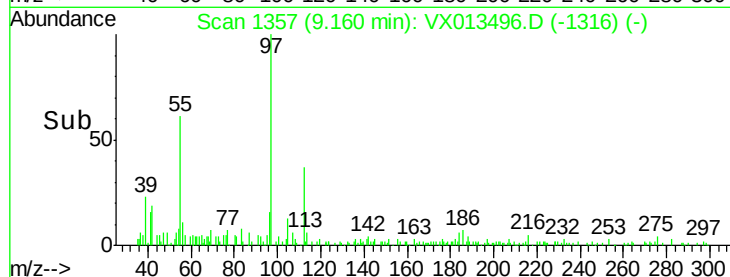
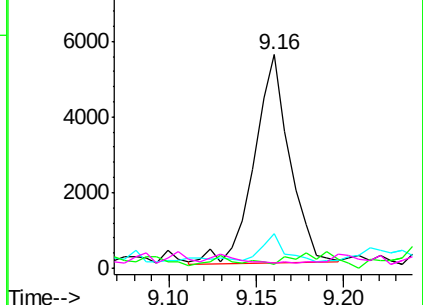


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 1.692 ug/l

RT: 9.15 min Scan# 1356

Delta R.T. -0.02 min

Lab File: VX013496.D

Acq: 21 Nov 2019 12:30

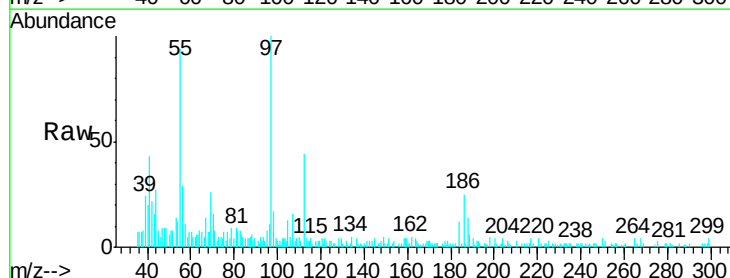
Tgt Ion: 69 Resp: 1554

Ion Ratio Lower Upper

69 100

41 175.1 56.2 84.2#

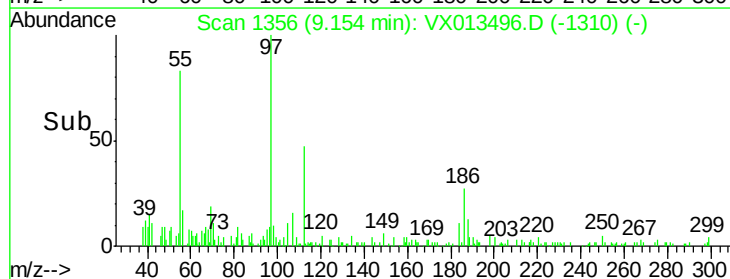
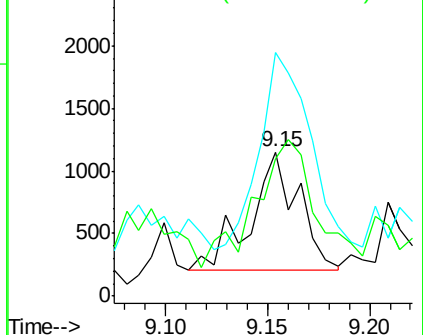
39 135.5 31.1 46.7#

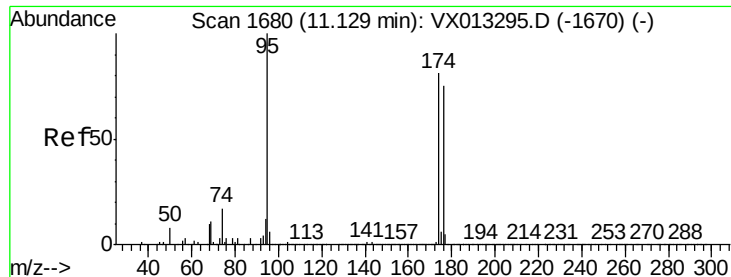


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#62

4-Bromofluorobenzene

Concen: 51.352 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX013496.D

Acq: 21 Nov 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

MW-3DL

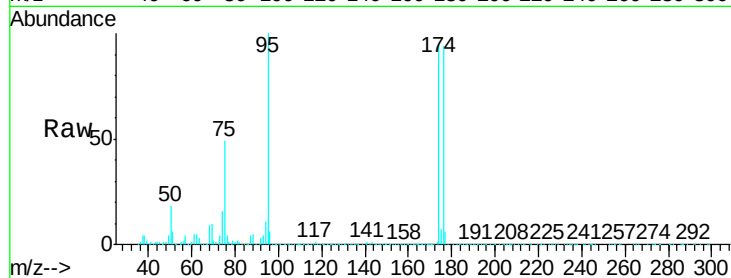
Tgt Ion: 95 Resp: 436987

Ion Ratio Lower Upper

95 100

174 90.8 0.0 179.8

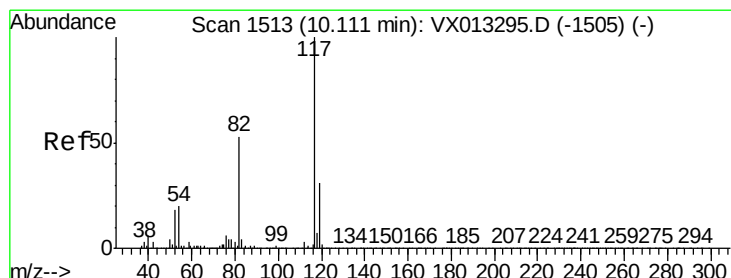
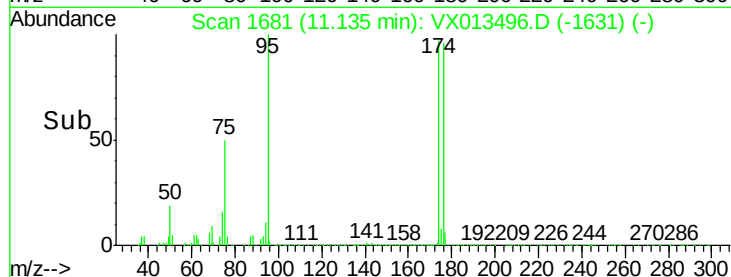
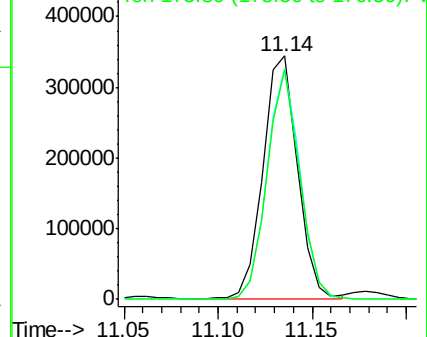
176 88.9 0.0 173.0



Abundance Ion 94.90 (94.60 to 95.60): VX013295.D (-1670) (-)

Ion 173.80 (173.50 to 174.50): VX013295.D (-1670) (-)

Ion 175.80 (175.50 to 176.50): VX013295.D (-1670) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX013496.D

Acq: 21 Nov 2019 12:30

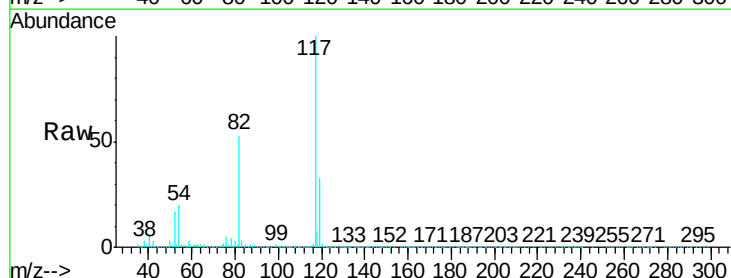
Tgt Ion: 117 Resp: 900978

Ion Ratio Lower Upper

117 100

82 53.1 42.6 64.0

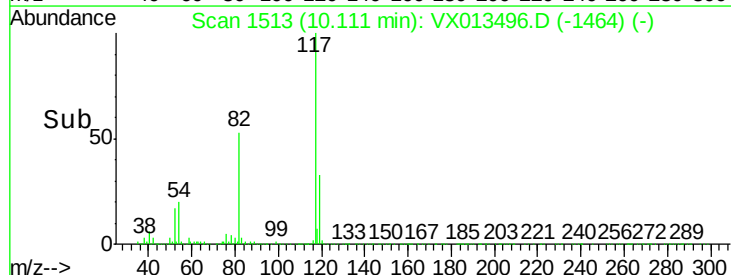
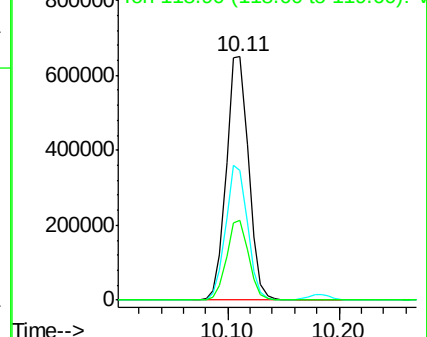
119 33.0 24.8 37.2

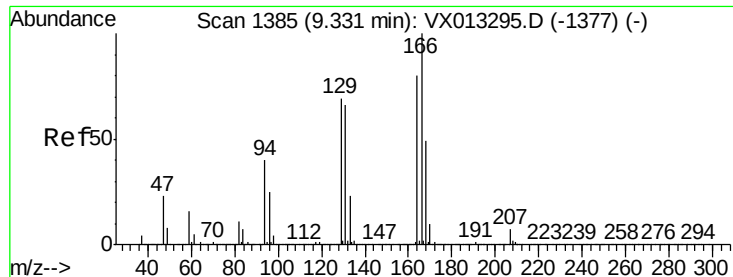


Abundance Ion 116.90 (116.60 to 117.60): VX013295.D (-1505) (-)

Ion 82.00 (81.70 to 82.70): VX013295.D (-1505) (-)

Ion 118.90 (118.60 to 119.60): VX013295.D (-1505) (-)





#64

Tetrachloroethene

Concen: 0.500 ug/l

RT: 9.34 min Scan# 1386

Delta R.T. 0.01 min

Lab File: VX013496.D

Acq: 21 Nov 2019 12:30

Instrument :

MSVOA_X

ClientSampled :

MW-3DL

Tgt Ion:164 Resp: 3224

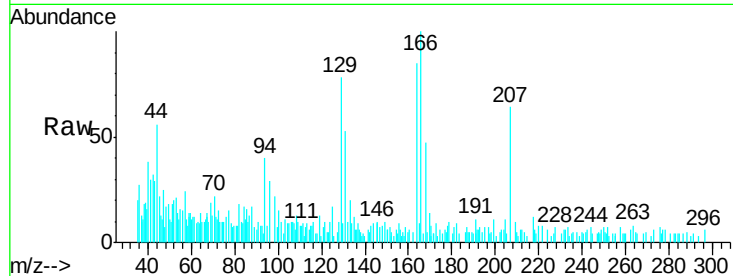
Ion Ratio Lower Upper

164 100

166 116.1 100.4 150.6

129 88.5 69.4 104.2

131 55.8 66.6 100.0#

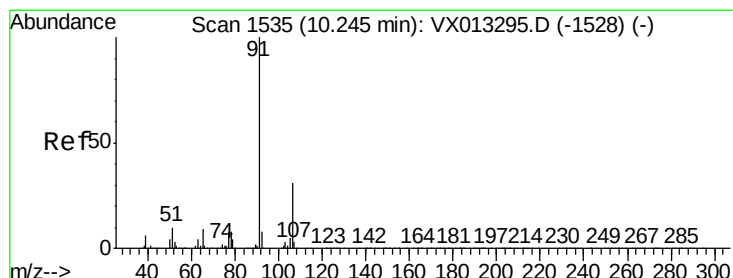
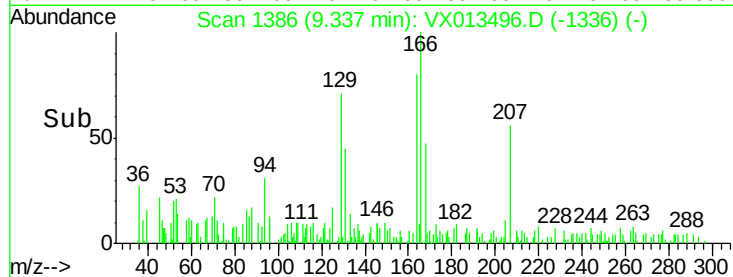
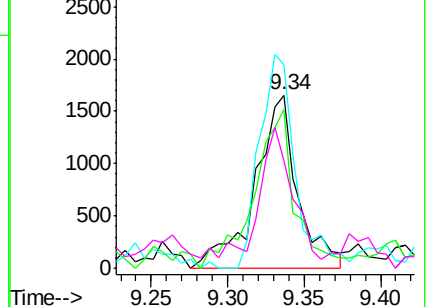


Abundance Ion 163.80 (163.50 to 164.50): V

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



#67

Ethyl Benzene

Concen: 31.764 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013496.D

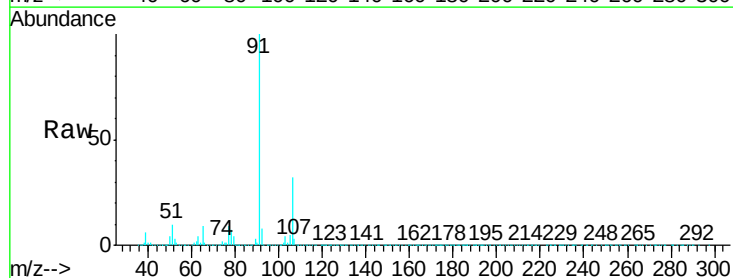
Acq: 21 Nov 2019 12:30

Tgt Ion: 91 Resp: 999982

Ion Ratio Lower Upper

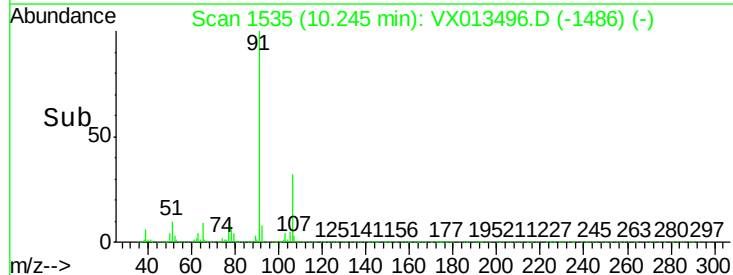
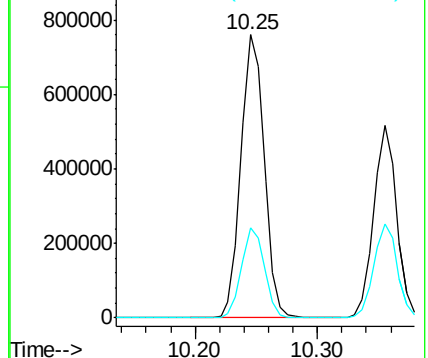
91 100

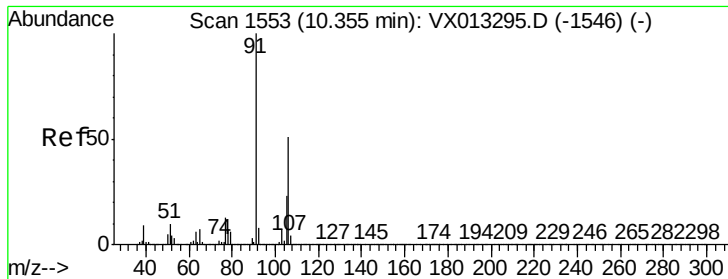
106 31.9 24.6 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 28.259 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013496.D

Acq: 21 Nov 2019 12:30

Instrument :

MSVOA_X

ClientSampled :

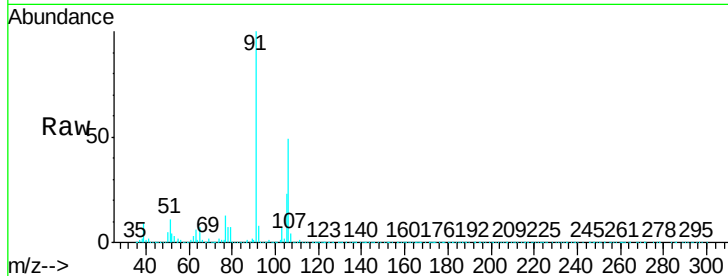
MW-3DL

Tgt Ion:106 Resp: 336448

Ion Ratio Lower Upper

106 100

91 200.2 159.3 238.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

600000

500000

400000

300000

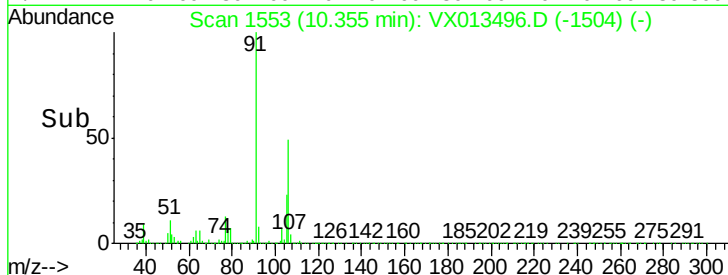
200000

100000

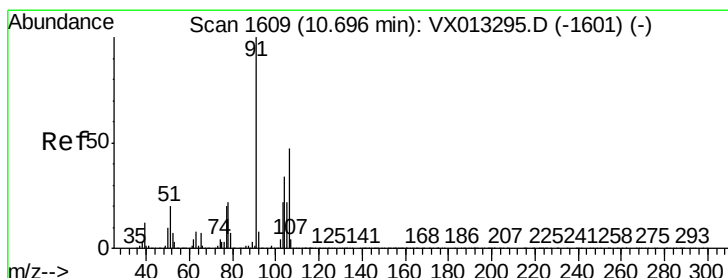
0

10.30

10.40



Time-->



#69

o-Xylene

Concen: 21.154 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. -0.00 min

Lab File: VX013496.D

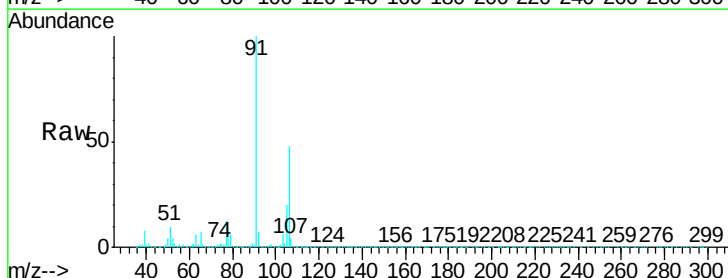
Acq: 21 Nov 2019 12:30

Tgt Ion:106 Resp: 246583

Ion Ratio Lower Upper

106 100

91 209.7 105.7 317.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

400000

300000

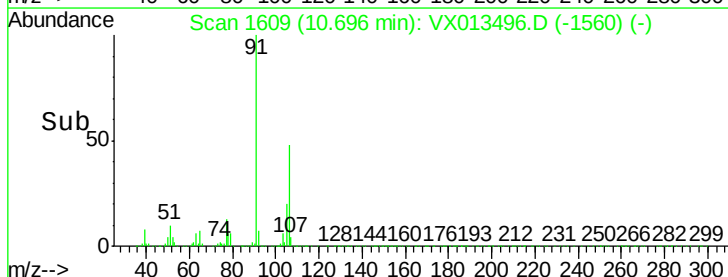
200000

100000

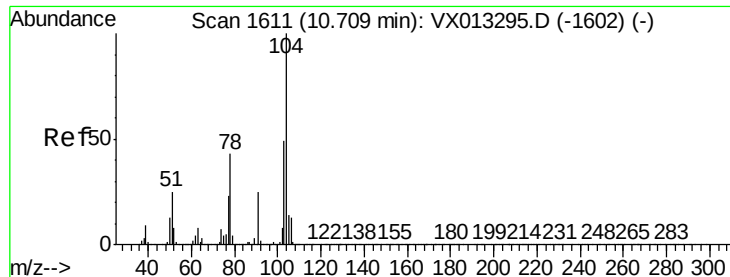
0

10.60

10.70



Time-->



#70

Styrene

Concen: 0.724 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. -0.01 min

Lab File: VX013496.D

Acq: 21 Nov 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

MW-3DL

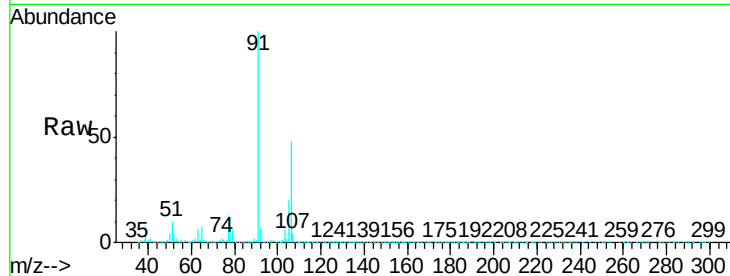
Tgt Ion:104 Resp: 14103

Ion Ratio Lower Upper

104 100

78 258.6 40.0 60.0#

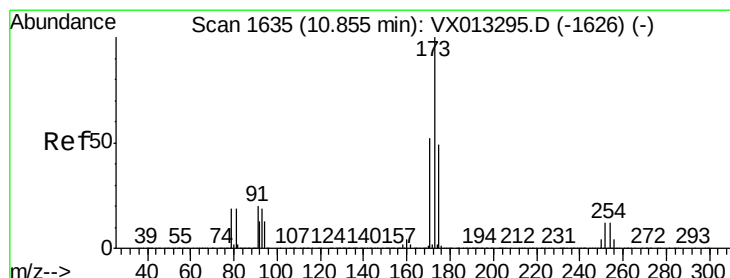
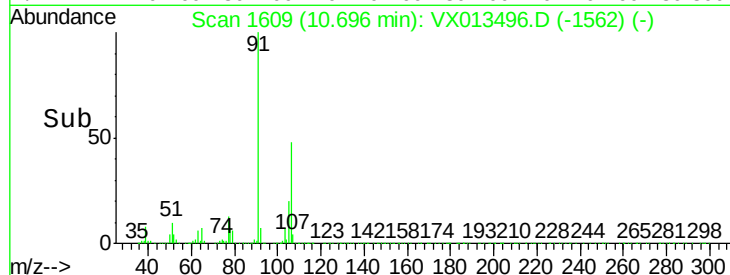
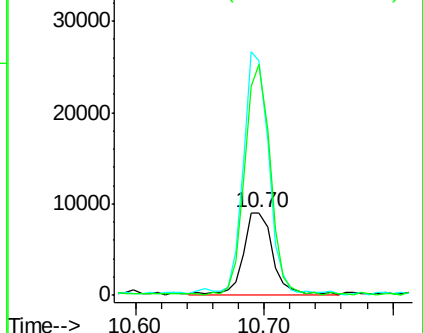
103 245.6 44.1 66.1#



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



#71

Bromoform

Concen: 3.287 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013496.D

Acq: 21 Nov 2019 12:30

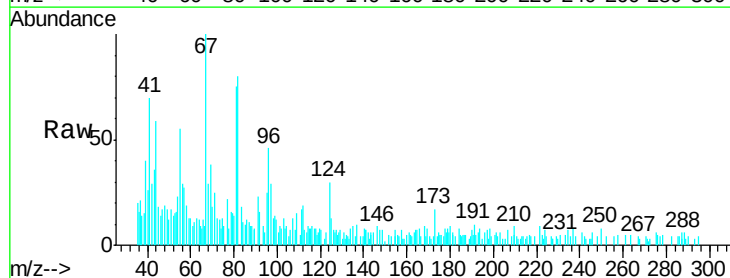
Tgt Ion:173 Resp: 562

Ion Ratio Lower Upper

173 100

175 0.0 24.8 74.4#

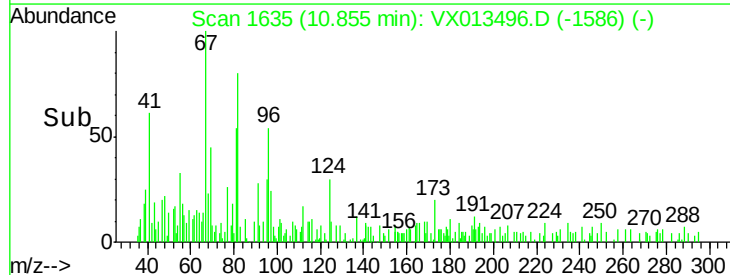
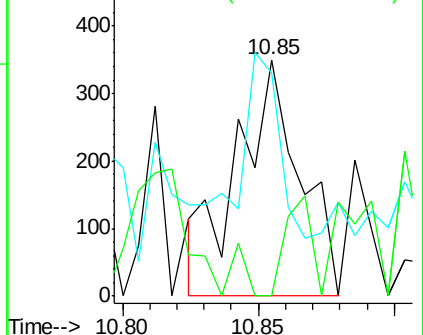
254 17.4 0.2 0.2#

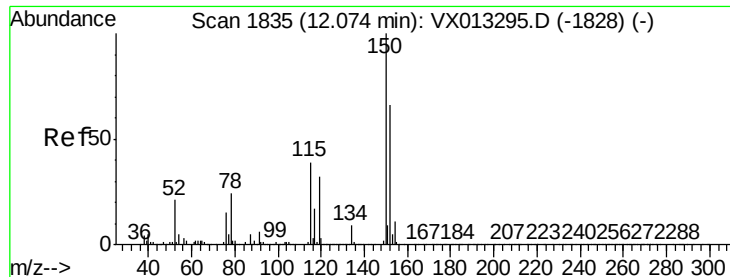


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



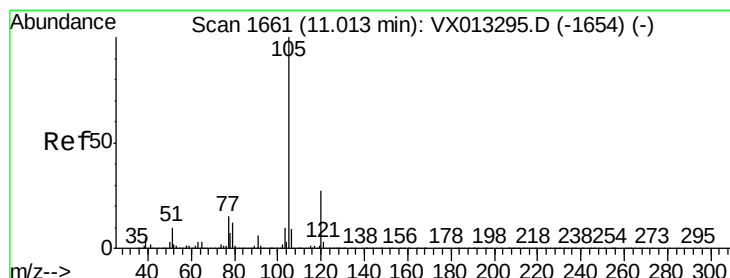
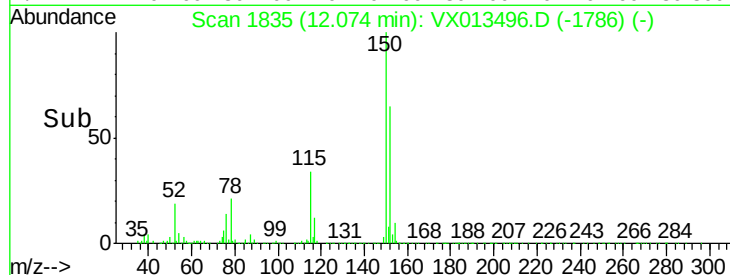
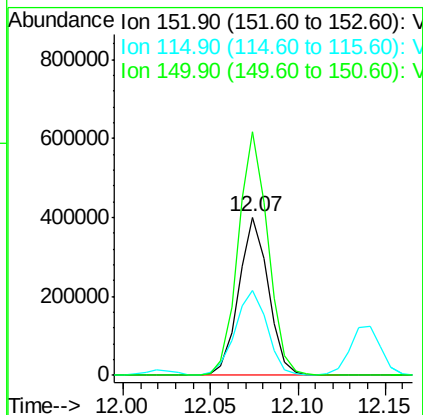
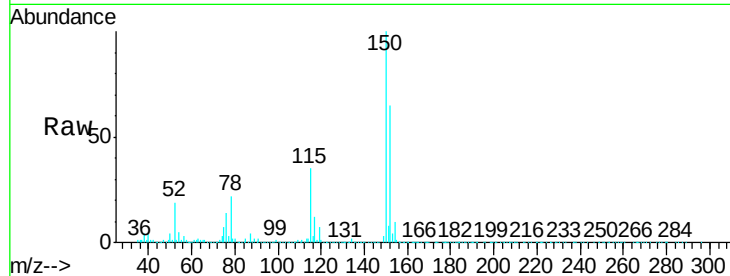


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013496.D
Acq: 21 Nov 2019 12:30

Instrument :
MSVOA_X
ClientSampleId :
MW-3DL

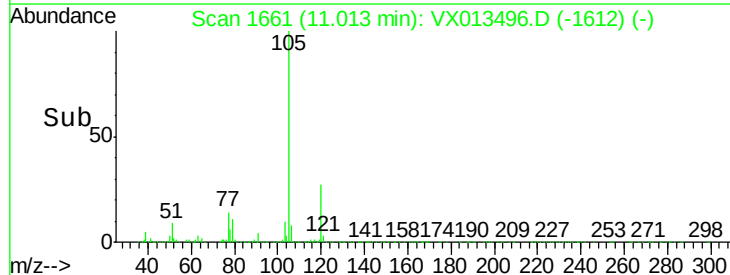
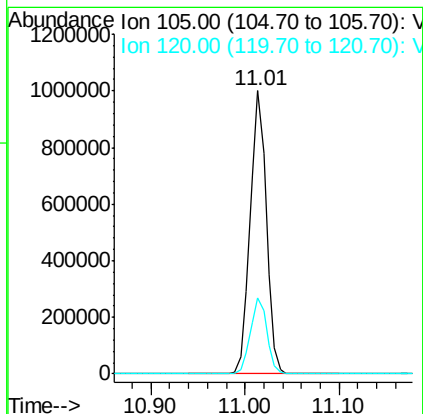
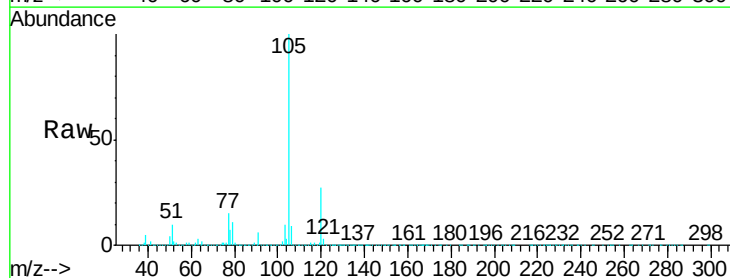
Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.9	39.5	118.3
150	155.1	0.0	344.4

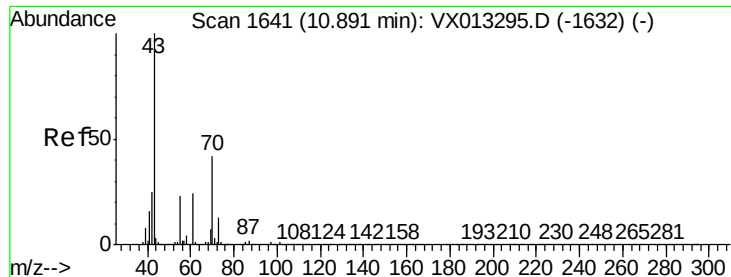


#73

Isopropylbenzene
Concen: 39.172 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX013496.D
Acq: 21 Nov 2019 12:30

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.1	13.5	40.5





#74

N-ethyl acetate

Concen: 0.729 ug/l

RT: 10.90 min Scan# 1643

Delta R.T. 0.01 min

Lab File: VX013496.D

Acq: 21 Nov 2019 12:30

Instrument :

MSVOA_X

ClientSampled :

MW-3DL

Tgt Ion: 43 Resp: 10471

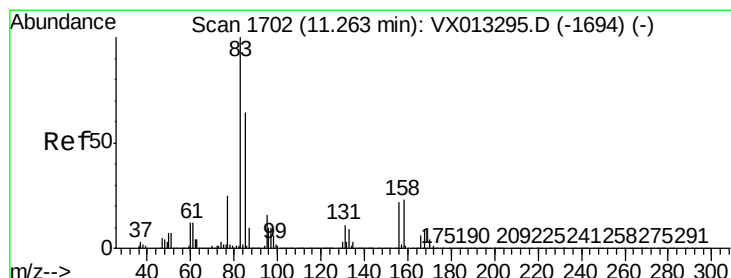
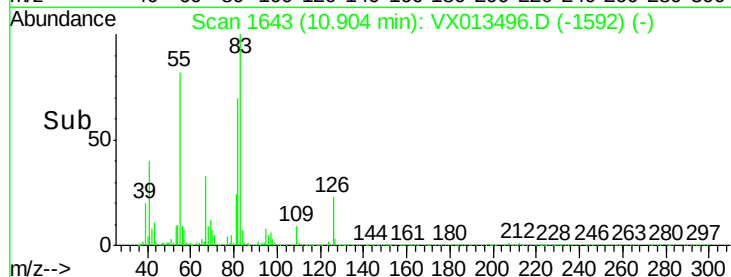
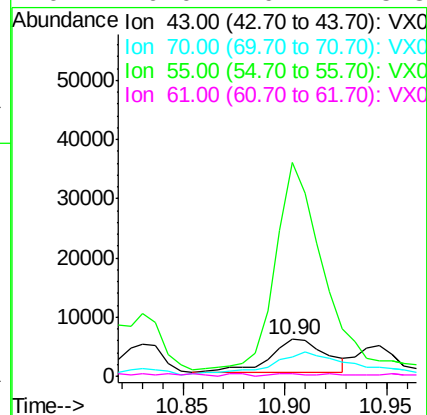
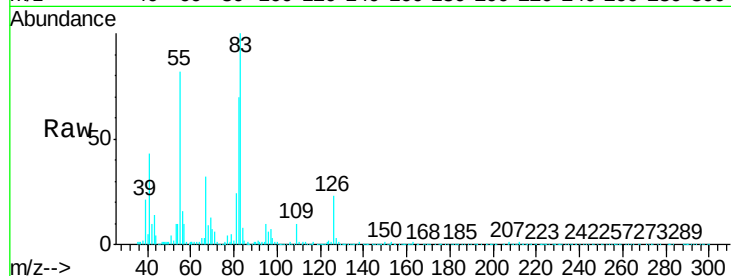
Ion Ratio Lower Upper

43 100

70 94.9 34.1 51.1#

55 548.5 18.9 28.3#

61 0.0 19.2 28.8#



#75

1,1,2,2-Tetrachloroethane

Concen: 0.208 ug/l

RT: 11.49 min Scan# 1739

Delta R.T. 0.23 min

Lab File: VX013496.D

Acq: 21 Nov 2019 12:30

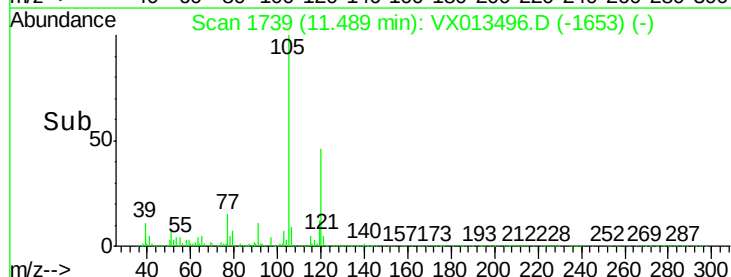
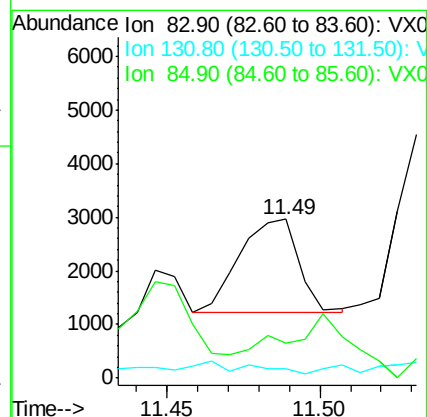
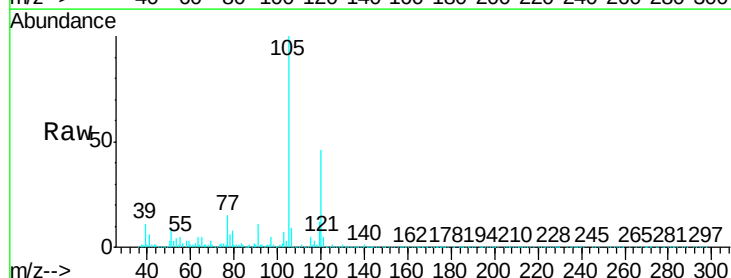
Tgt Ion: 83 Resp: 2348

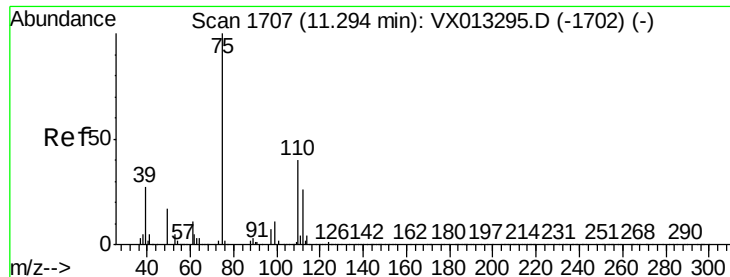
Ion Ratio Lower Upper

83 100

131 7.9 5.1 15.3

85 85.9 32.3 96.8





#76

1,2,3-Trichloropropane

Concen: 1.488 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.06 min

Lab File: VX013496.D

Acq: 21 Nov 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

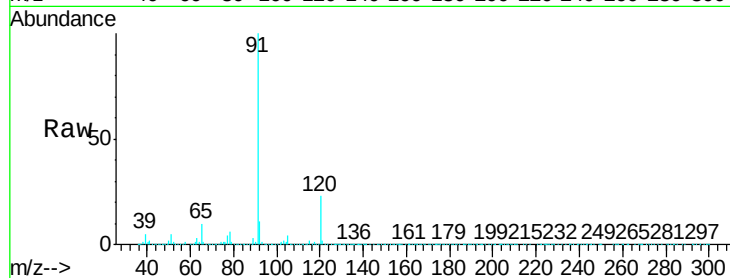
MW-3DL

Tgt Ion: 75 Resp: 14127

Ion Ratio Lower Upper

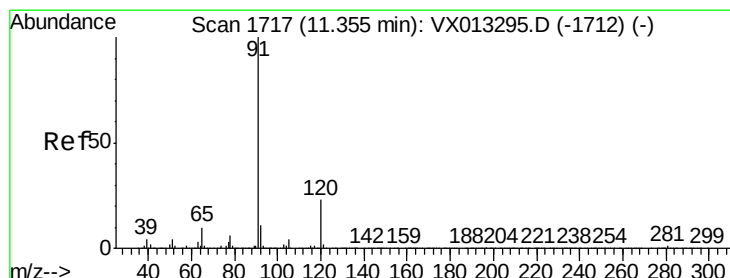
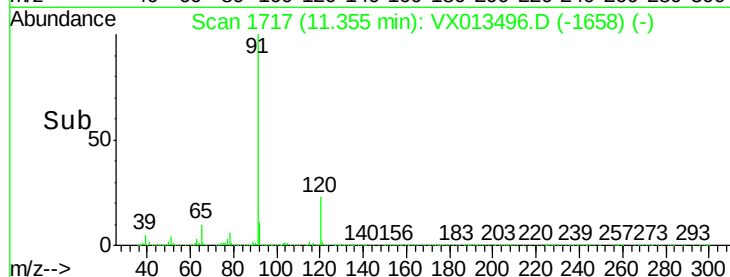
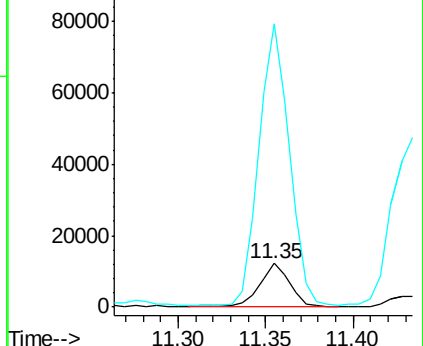
75 100

77 673.6 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: 70.868 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013496.D

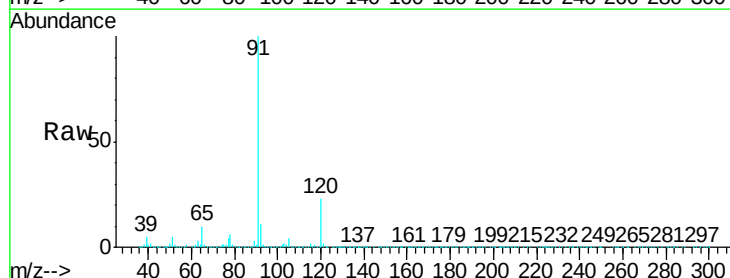
Acq: 21 Nov 2019 12:30

Tgt Ion: 91 Resp: 2445930

Ion Ratio Lower Upper

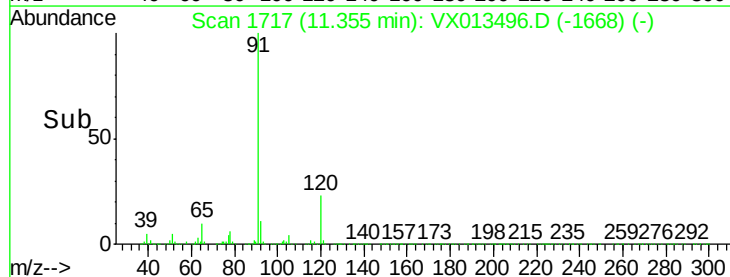
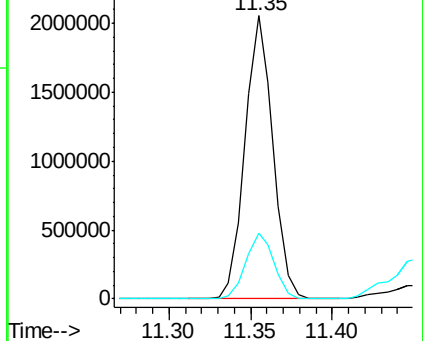
91 100

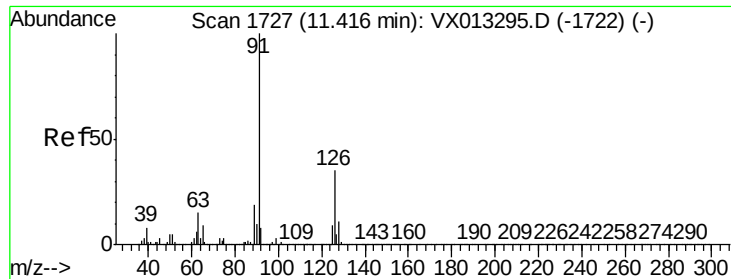
120 23.5 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 8.551 ug/l

RT: 11.45 min Scan# 1733

Delta R.T. 0.04 min

Lab File: VX013496.D

Acq: 21 Nov 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

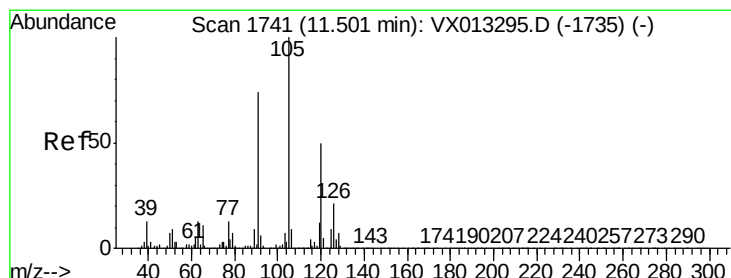
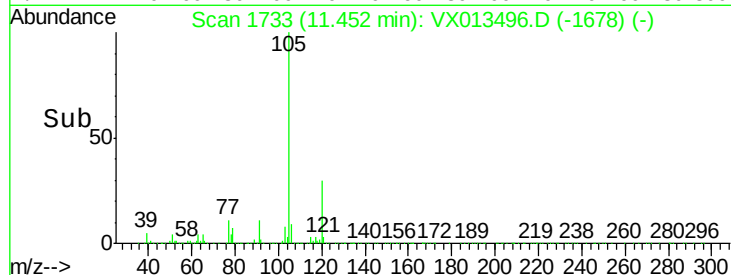
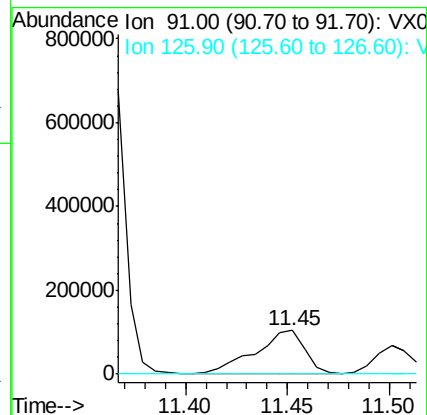
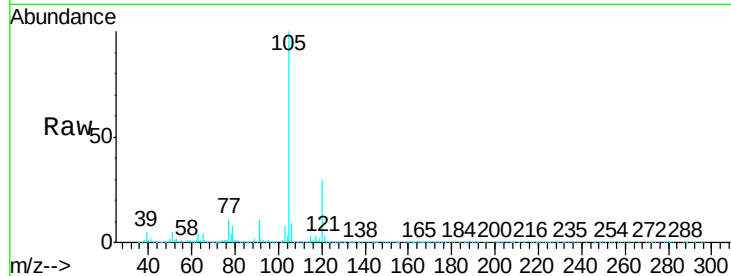
MW-3DL

Tgt Ion: 91 Resp: 177814

Ion Ratio Lower Upper

91 100

126 0.1 17.3 52.0#



#80

1,3,5-Trimethylbenzene

Concen: 31.182 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013496.D

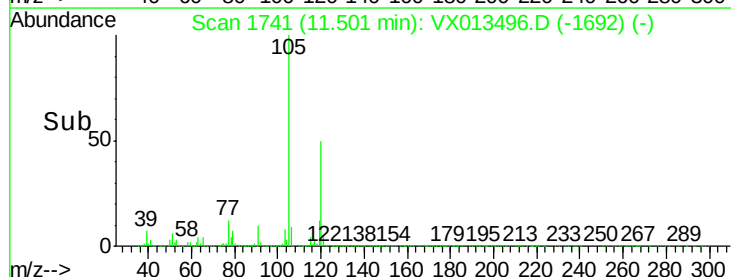
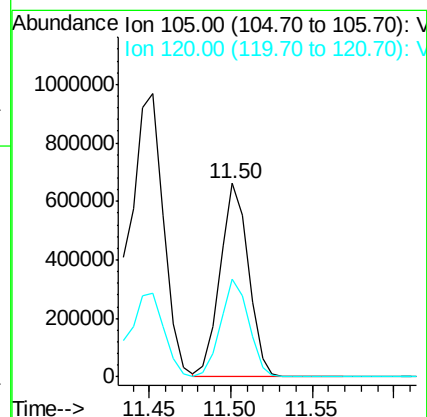
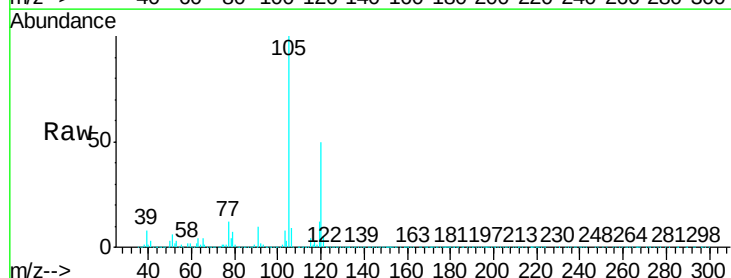
Acq: 21 Nov 2019 12:30

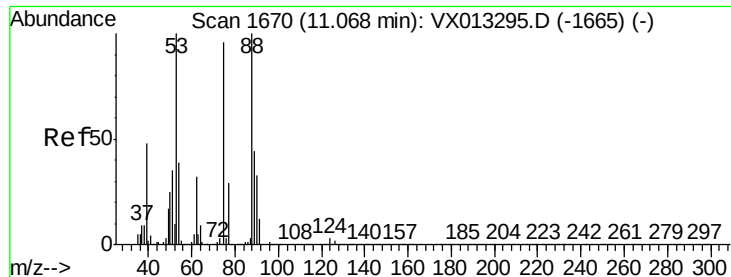
Tgt Ion: 105 Resp: 804724

Ion Ratio Lower Upper

105 100

120 50.0 24.9 74.8

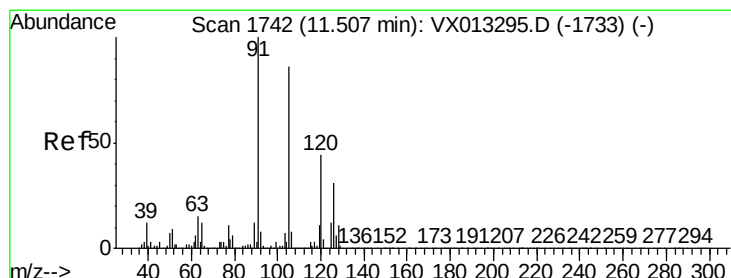
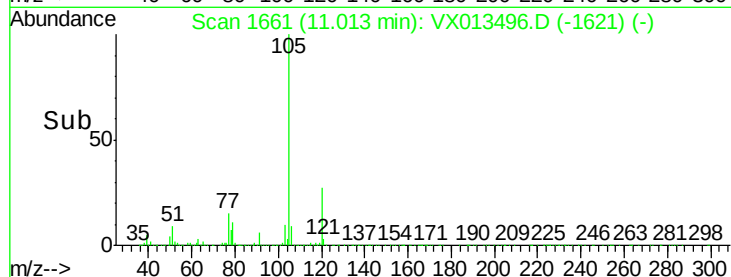
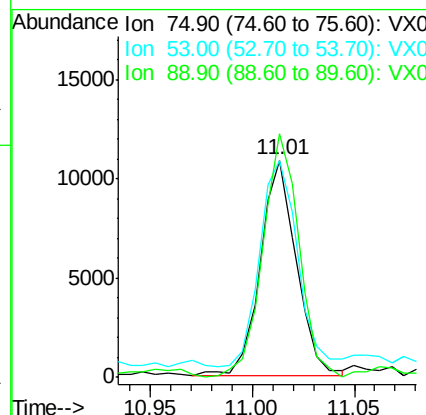
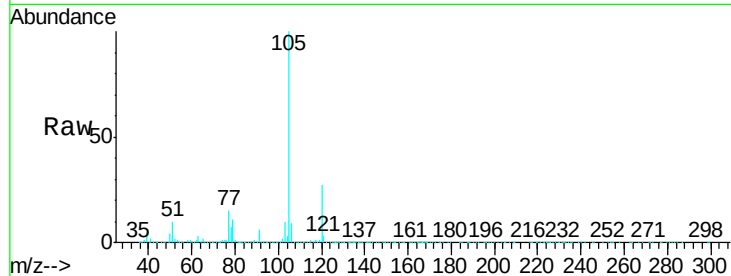




#81
trans-1,4-Dichloro-2-butene
Concen: 3.634 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.05 min
Lab File: VX013496.D
Acq: 21 Nov 2019 12:30

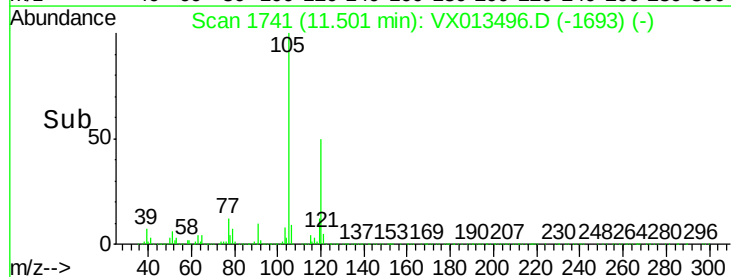
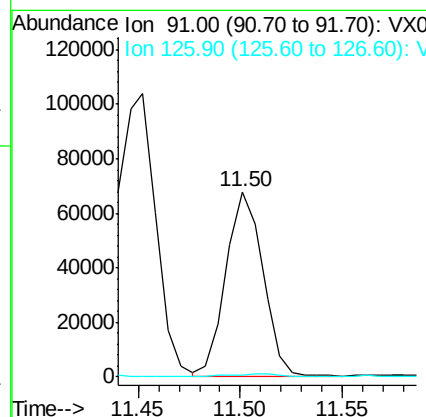
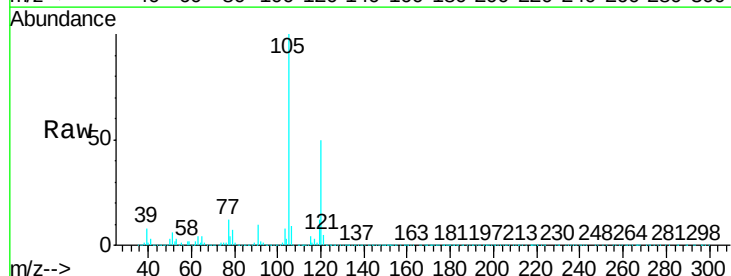
Instrument :
MSVOA_X
ClientSampleId :
MW-3DL

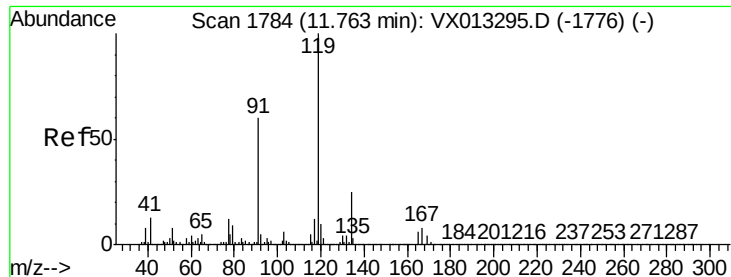
Tgt Ion: 75 Resp: 13400
Ion Ratio Lower Upper
75 100
53 100.5 81.0 121.6
89 113.0 36.0 54.0#



#82
4-Chlorotoluene
Concen: 3.471 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.01 min
Lab File: VX013496.D
Acq: 21 Nov 2019 12:30

Tgt Ion: 91 Resp: 84499
Ion Ratio Lower Upper
91 100
126 1.5 15.3 45.8#

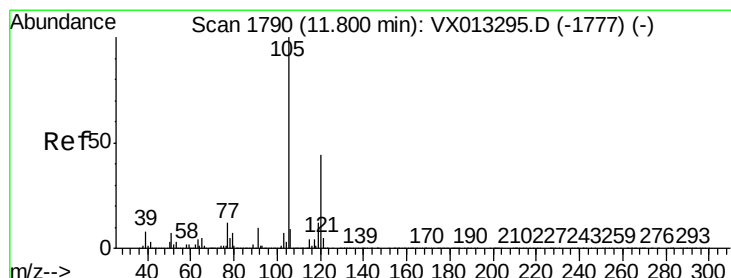
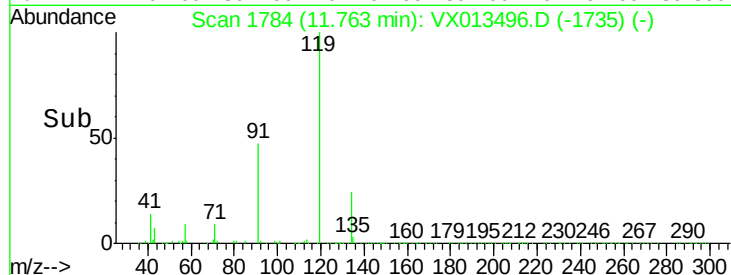
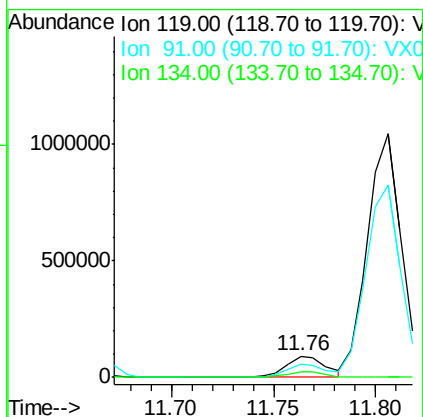
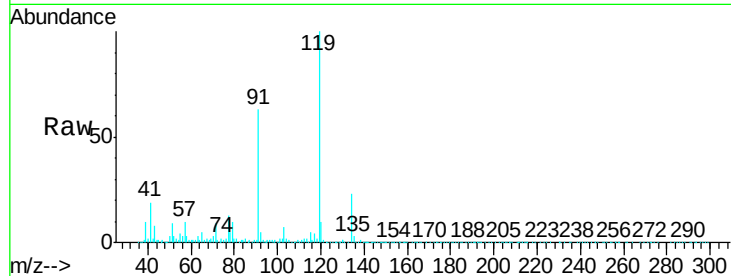




#83
 tert-Butylbenzene
 Concen: 4.656 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX013496.D
 Acq: 21 Nov 2019 12:30

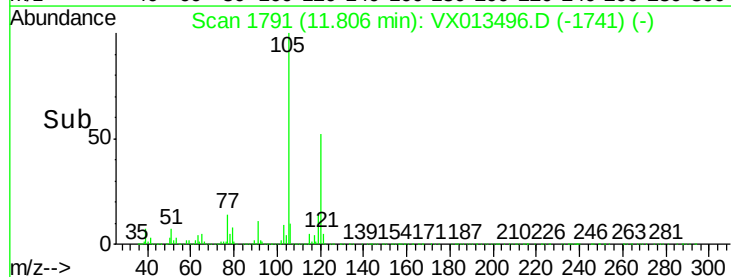
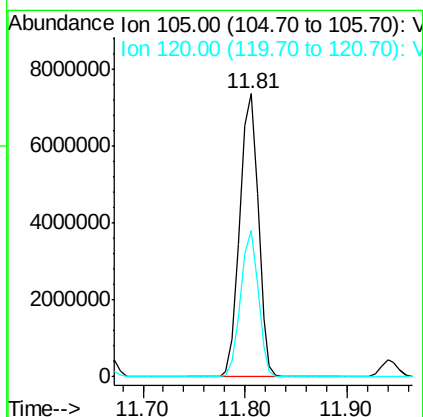
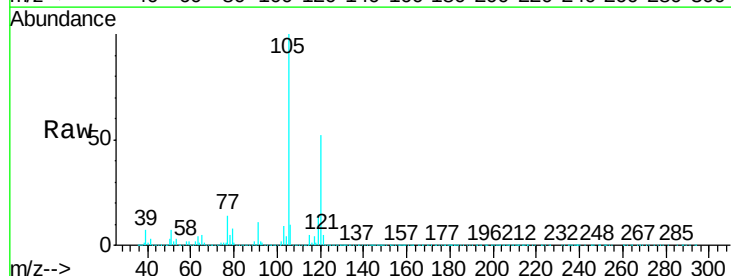
Instrument :
 MSVOA_X
 ClientSampled :
 MW-3DL

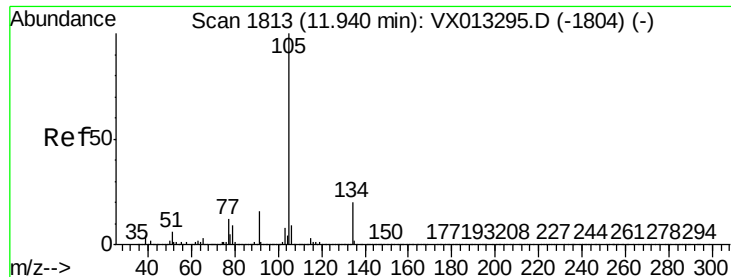
Tgt Ion:119 Resp: 120954
 Ion Ratio Lower Upper
 119 100
 91 64.9 26.9 80.7
 134 24.6 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 354.580 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: VX013496.D
 Acq: 21 Nov 2019 12:30

Tgt Ion:105 Resp: 9179669
 Ion Ratio Lower Upper
 105 100
 120 49.6 22.7 68.1





#85

sec-Butylbenzene

Concen: 17.955 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013496.D

Acq: 21 Nov 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

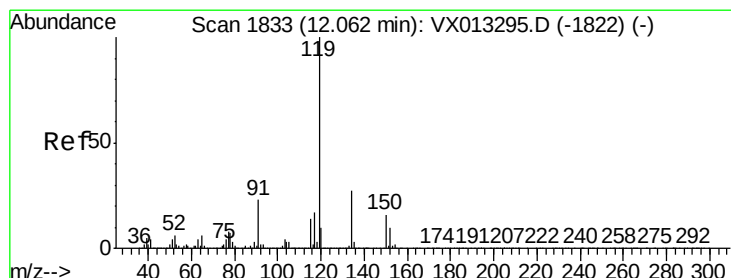
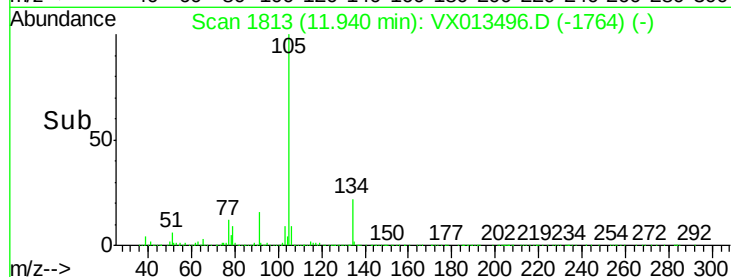
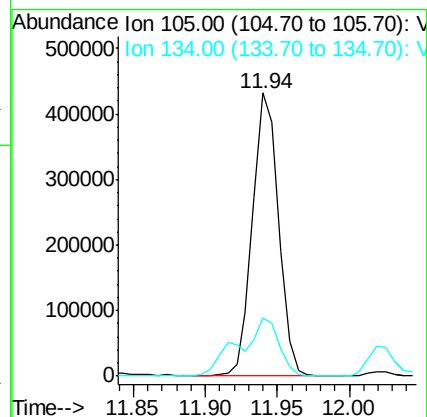
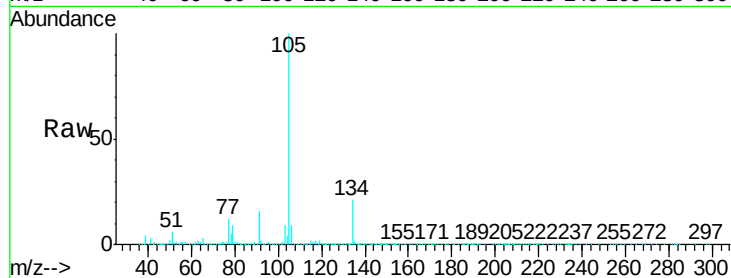
MW-3DL

Tgt Ion:105 Resp: 536101

Ion Ratio Lower Upper

105 100

134 32.0 10.3 30.9#



#86

p-Isopropyltoluene

Concen: 9.113 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013496.D

Acq: 21 Nov 2019 12:30

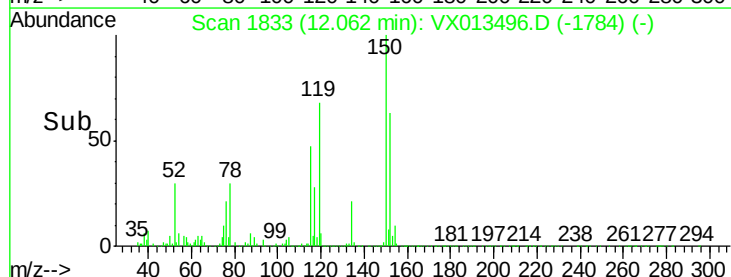
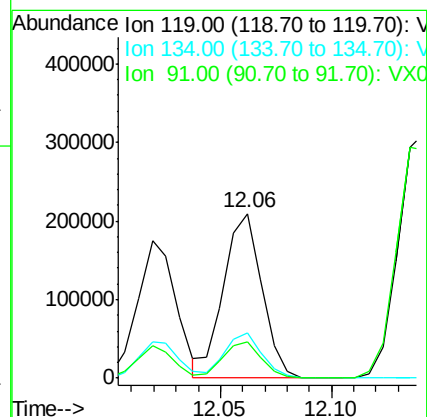
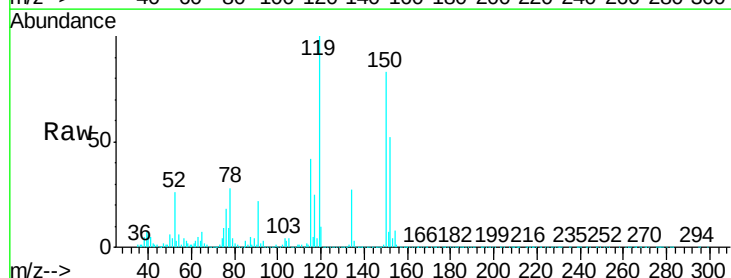
Tgt Ion:119 Resp: 250546

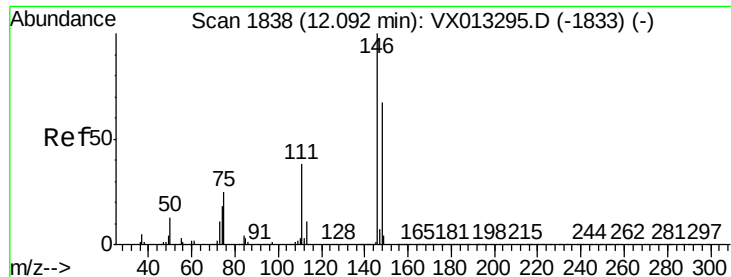
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.8

91 22.1 11.5 34.4

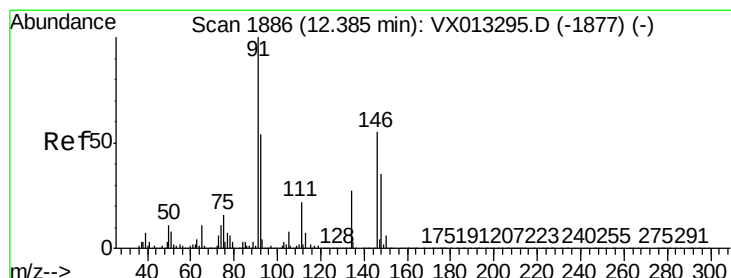
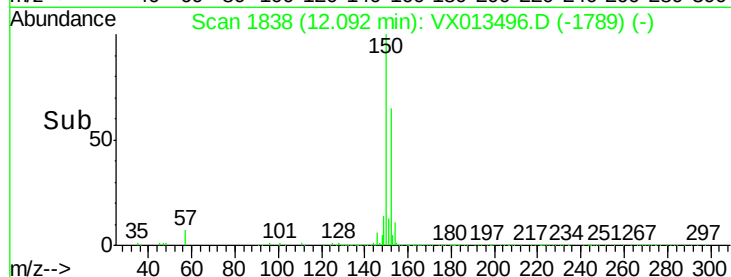
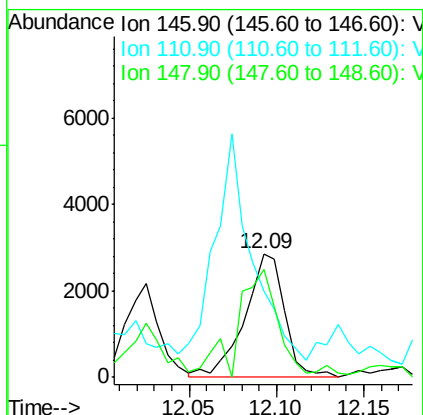
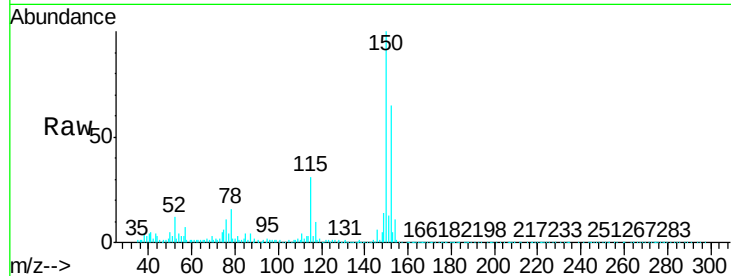




#88
 1,4-Dichlorobenzene
 Concen: 0.302 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013496.D
 Acq: 21 Nov 2019 12:30

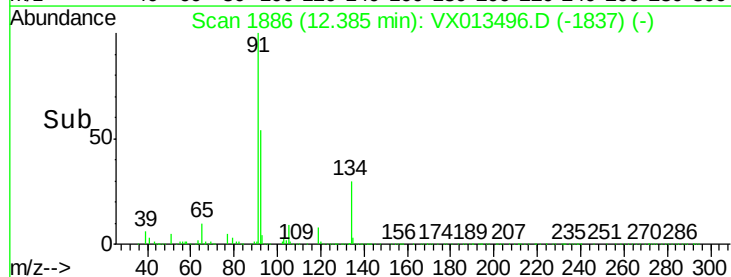
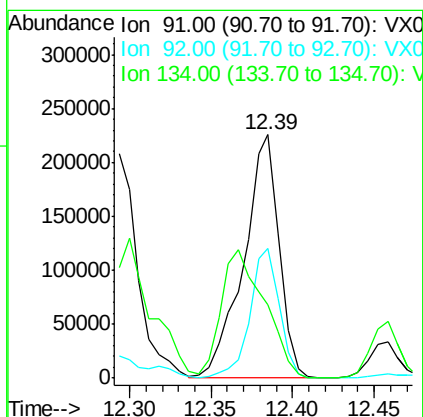
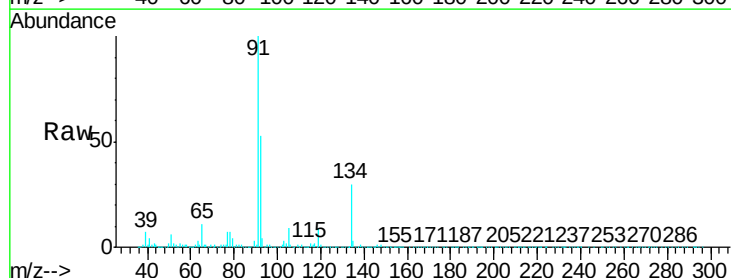
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3DL

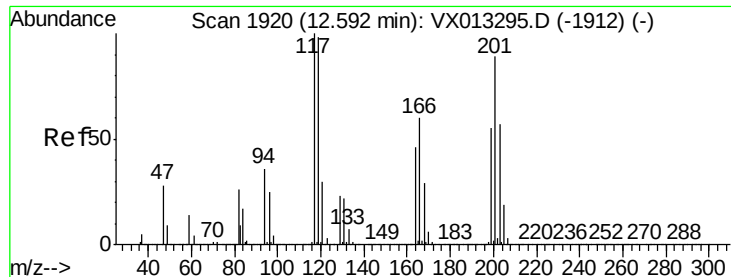
Tgt Ion:146 Resp: 4530
 Ion Ratio Lower Upper
 146 100
 111 183.1 18.8 56.4#
 148 84.8 32.4 97.0



#89
 n-Butylbenzene
 Concen: 14.178 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013496.D
 Acq: 21 Nov 2019 12:30

Tgt Ion: 91 Resp: 340144
 Ion Ratio Lower Upper
 91 100
 92 44.7 27.3 81.8
 134 64.5 13.5 40.5#





#90

Hexachloroethane

Concen: 7.808 ug/l

RT: 12.59 min Scan# 1919

Delta R.T. -0.01 min

Lab File: VX013496.D

Acq: 21 Nov 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

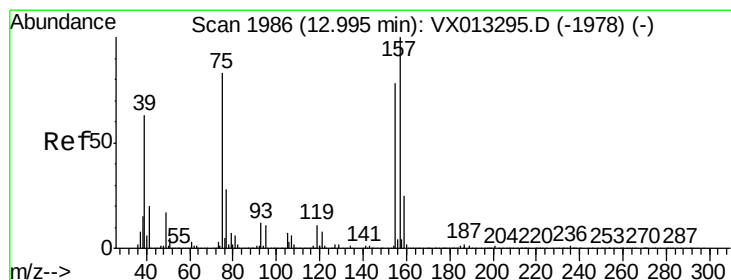
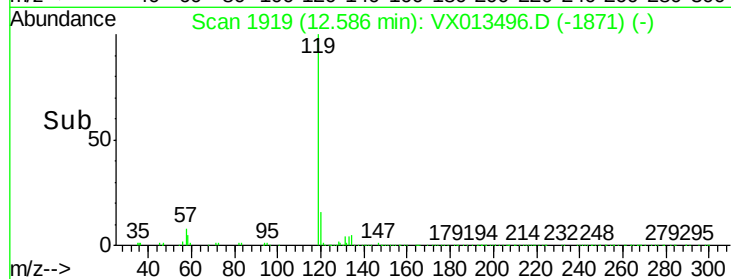
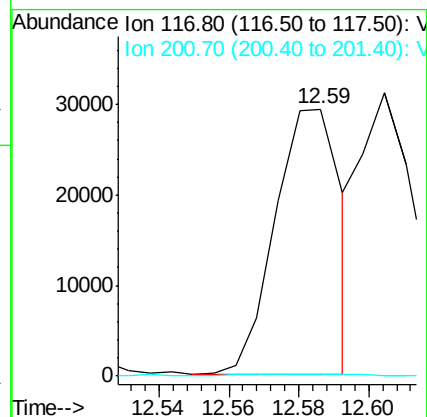
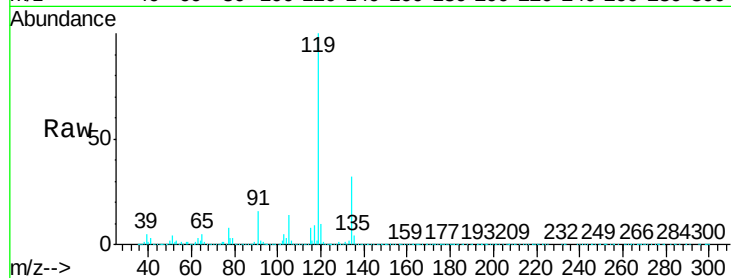
MW-3DL

Tgt Ion:117 Resp: 38248

Ion Ratio Lower Upper

117 100

201 0.6 43.9 131.7#



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.196 ug/l

RT: 13.01 min Scan# 1989

Delta R.T. 0.02 min

Lab File: VX013496.D

Acq: 21 Nov 2019 12:30

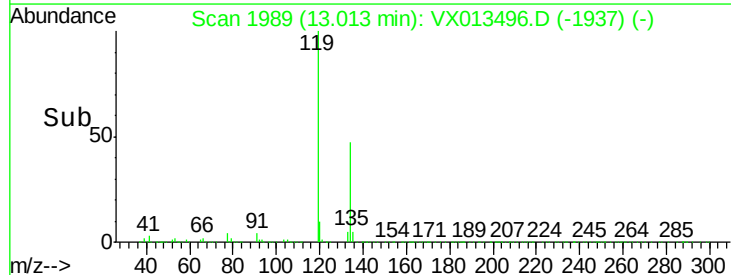
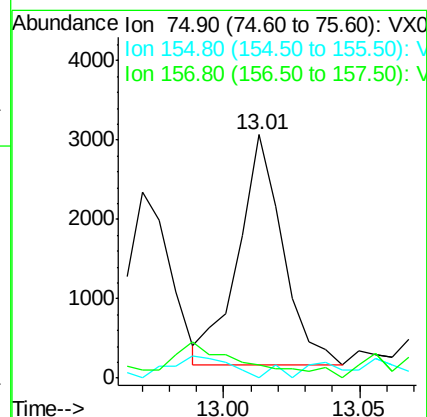
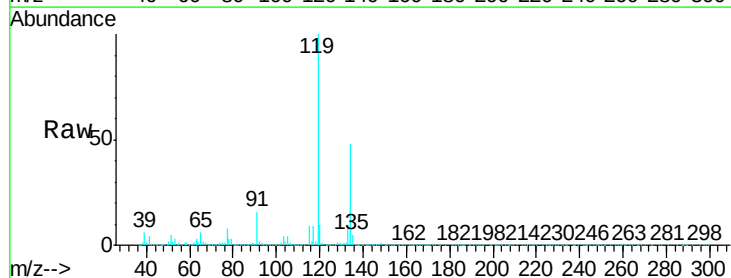
Tgt Ion: 75 Resp: 3293

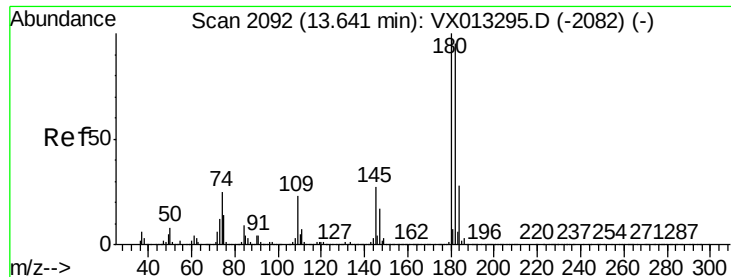
Ion Ratio Lower Upper

75 100

155 0.0 47.1 141.4#

157 0.0 61.3 183.8#

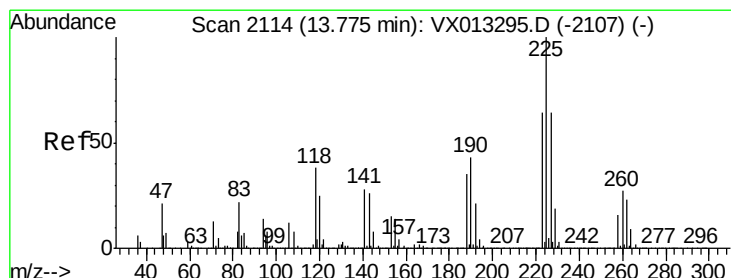
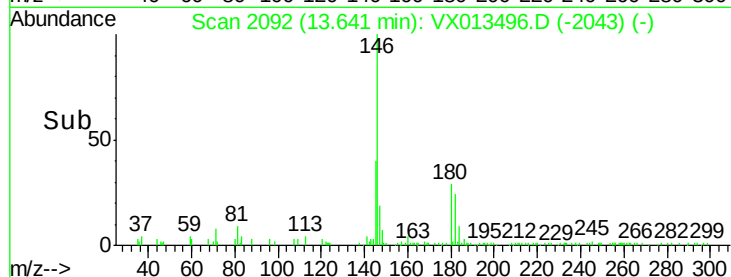
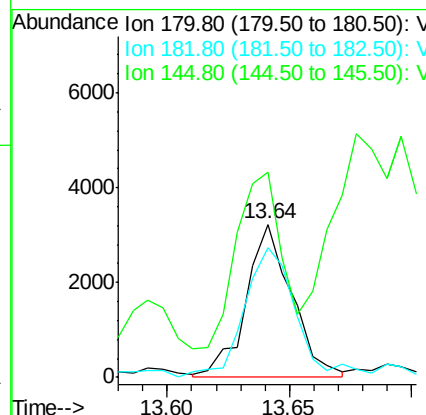
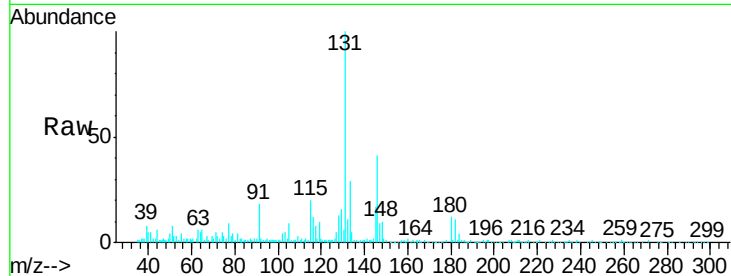




#93
 1,2,4-Trichlorobenzene
 Concen: 0.408 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013496.D
 Acq: 21 Nov 2019 12:30

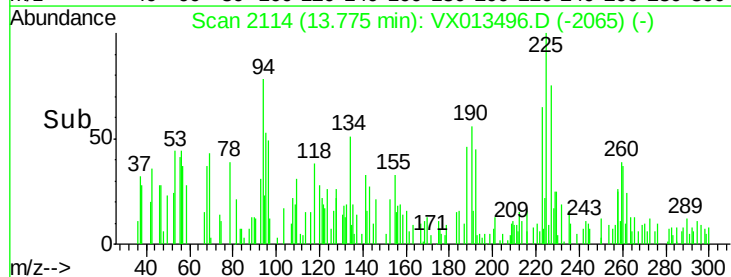
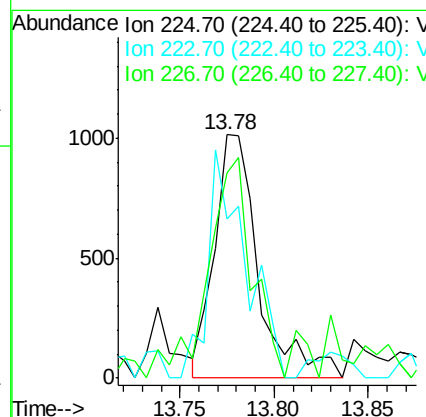
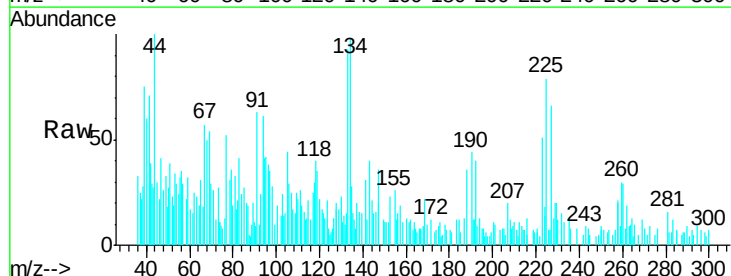
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3DL

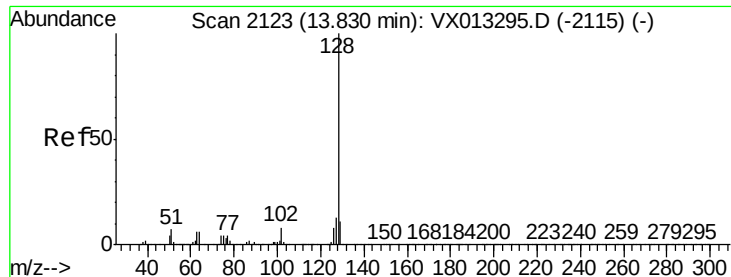
Tgt Ion:180 Resp: 4193
 Ion Ratio Lower Upper
 180 100
 182 95.6 48.4 145.0
 145 140.9 14.1 42.4#



#94
 Hexachlorobutadiene
 Concen: 0.330 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX013496.D
 Acq: 21 Nov 2019 12:30

Tgt Ion:225 Resp: 1657
 Ion Ratio Lower Upper
 225 100
 223 80.0 31.9 95.7
 227 91.0 31.9 95.9

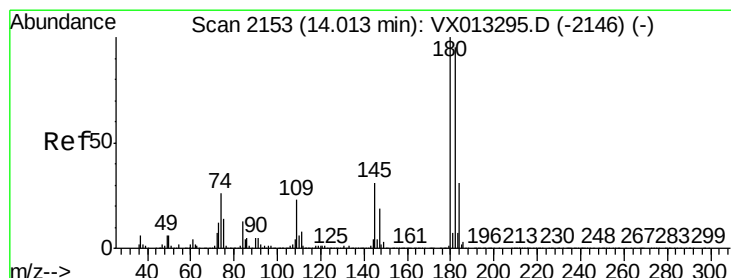
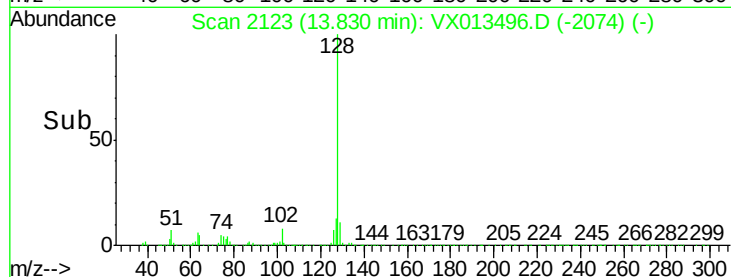
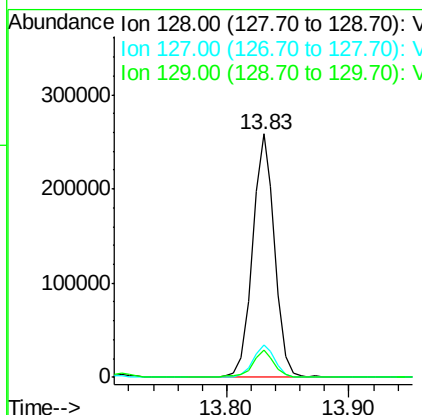
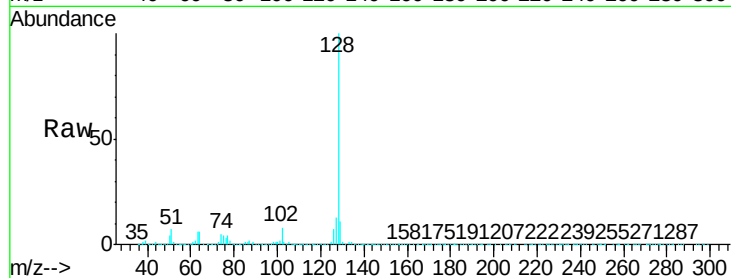




#95
Naphthalene
Concen: 10.031 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013496.D
Acq: 21 Nov 2019 12:30

Instrument :
MSVOA_X
ClientSampleId :
MW-3DL

Tgt Ion:	128	Resp:	323095
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.2
129	10.8	8.5	12.7



#96
1,2,3-Trichlorobenzene
Concen: 0.328 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. 0.01 min
Lab File: VX013496.D
Acq: 21 Nov 2019 12:30

Tgt Ion:	180	Resp:	3377
Ion	Ratio	Lower	Upper
180	100		
182	98.3	48.0	144.2
145	68.1	15.4	46.4#

