

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072219\
 Data File : VX011041.D
 Acq On : 22 Jul 2019 19:20
 Operator : JC/SP
 Sample : K3934-13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-1

Quant Time: Jul 23 03:46:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 20 04:05:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	214718	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	342068	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	322999	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	151686	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	116753	51.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.22%	
35) Dibromofluoromethane	5.50	113	107699	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	
50) Toluene-d8	8.71	98	411474	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
62) 4-Bromofluorobenzene	11.13	95	148220	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	

Target Compounds

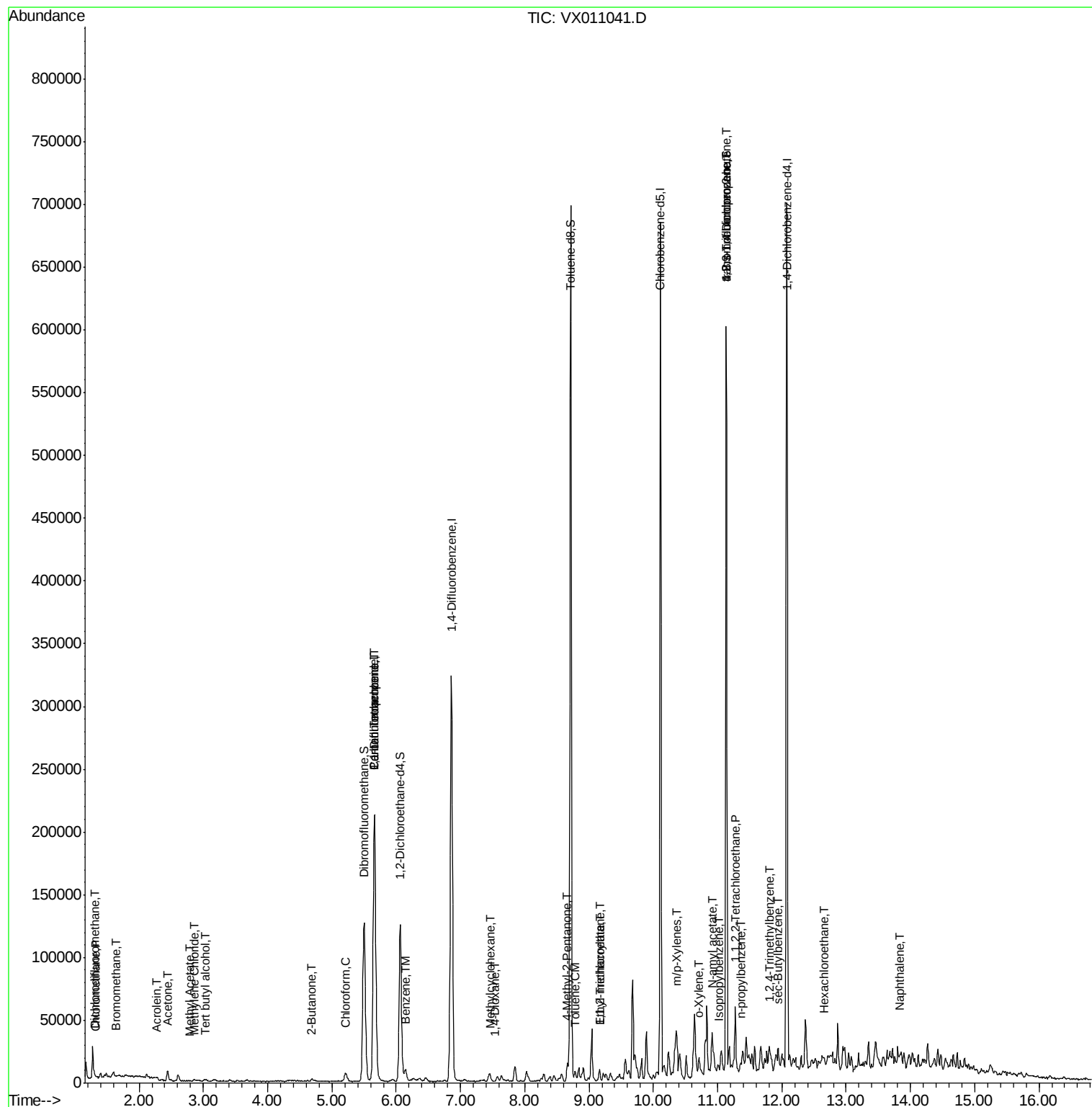
					Qvalue
2) Dichlorodifluoromethane	1.31	85	24	0.557 ug/l #	43
3) Chloromethane	1.32	50	437	0.221 ug/l	93
5) Bromomethane	1.65	94	393	0.346 ug/l	86
11) Tert butyl alcohol	3.04	59	1770	3.327 ug/l #	88
13) Acrolein	2.28	56	162	0.527 ug/l #	1
16) Acetone	2.44	43	9295	9.010 ug/l	98
18) Methyl Acetate	2.78	43	701	0.298 ug/l #	63
20) Methylene Chloride	2.85	84	459	0.210 ug/l #	76
25) 2-Butanone	4.68	43	2064	1.394 ug/l	91
30) Chloroform	5.21	83	7835	2.130 ug/l	100
36) 1,1-Dichloropropene	5.67	75	14316	5.095 ug/l #	49
38) Carbon Tetrachloride	5.65	117	19715	6.733 ug/l #	17
39) Methylcyclohexane	7.46	83	1959	0.538 ug/l #	53
40) Benzene	6.15	78	10556	1.226 ug/l	98
49) 1,4-Dioxane	7.54	88	21	0.326 ug/l #	62
51) 4-Methyl-2-Pentanone	8.65	43	1340	0.437 ug/l #	72
52) Toluene	8.79	92	2308	0.408 ug/l	83
55) 1,1,2-Trichloroethane	9.16	97	3035	1.304 ug/l #	21
56) Ethyl methacrylate	9.16	69	894	0.263 ug/l #	15
68) m/p-Xylenes	10.36	106	2279	0.526 ug/l	97
69) o-Xylene	10.69	106	1036	0.245 ug/l	99
73) Isopropylbenzene	11.02	105	2653	0.259 ug/l	100
74) N-amyl acetate	10.92	43	2584	0.660 ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	3062	0.913 ug/l #	43
76) 1,2,3-Trichloropropane	11.13	75	74380	27.173 ug/l #	35
78) n-propylbenzene	11.36	91	3118	0.275 ug/l	95
81) trans-1,4-Dichloro-2-buten	11.13	75	74380	67.345 ug/l #	11
84) 1,2,4-Trimethylbenzene	11.80	105	1885	0.218 ug/l	98
85) sec-Butylbenzene	11.94	105	2279	0.231 ug/l #	70
90) Hexachloroethane	12.66	117	591	0.411 ug/l #	6
95) Naphthalene	13.83	128	4046	0.416 ug/l #	72

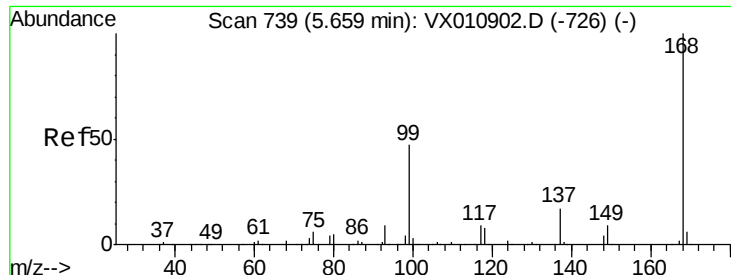
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 23 03:46:55 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Sat Jul 20 04:05:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX011041.D

Acq: 22 Jul 2019 19:20

Instrument :

MSVOA_X

ClientSampled :

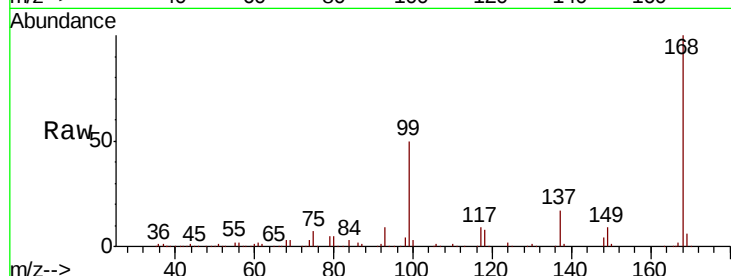
TP-1

Tot Ion:168 Resp: 214718

Ion Ratio Lower Upper

168 100

99 49.9 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

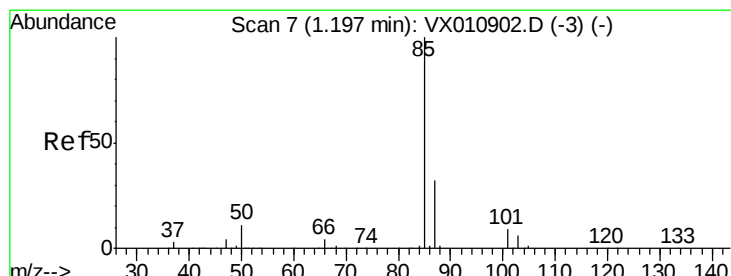
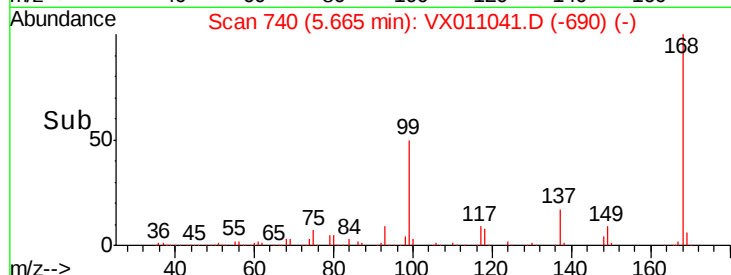
40000

20000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 0.557 ug/l

RT: 1.31 min Scan# 26

Delta R.T. 0.12 min

Lab File: VX011041.D

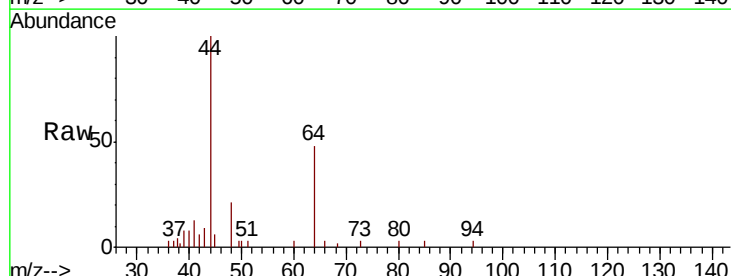
Acq: 22 Jul 2019 19:20

Tgt Ion: 85 Resp: 24

Ion Ratio Lower Upper

85 100

87 0.0 15.9 47.7#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.31

60

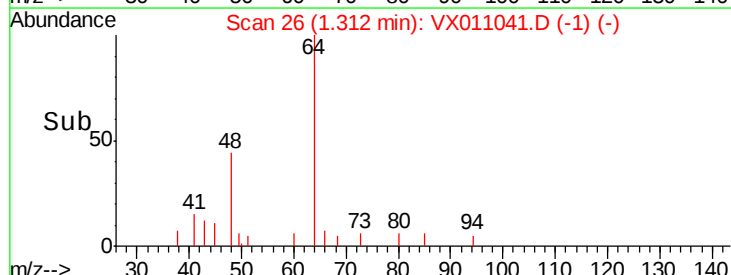
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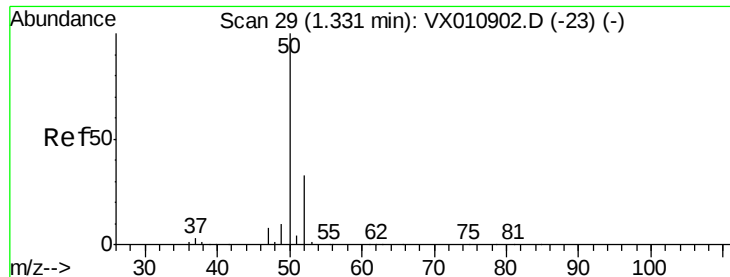
20

0

1.29 1.30 1.31 1.32 1.33

Time-->





#3

Chloromethane

Concen: 0.221 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX011041.D

Acq: 22 Jul 2019 19:20

Instrument :

MSVOA_X

ClientSampled :

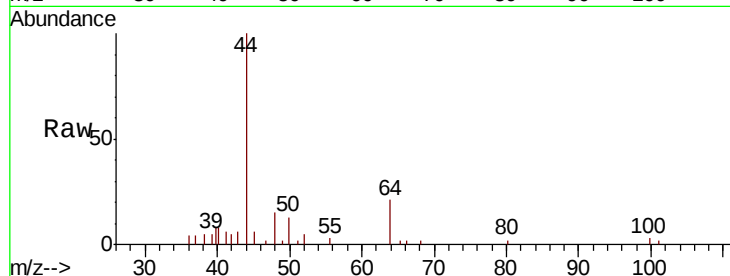
TP-1

Tot Ion: 50 Resp: 437

Ion Ratio Lower Upper

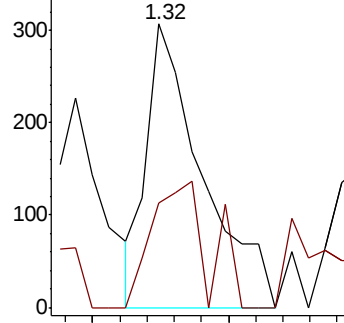
50 100

52 36.8 26.4 39.6

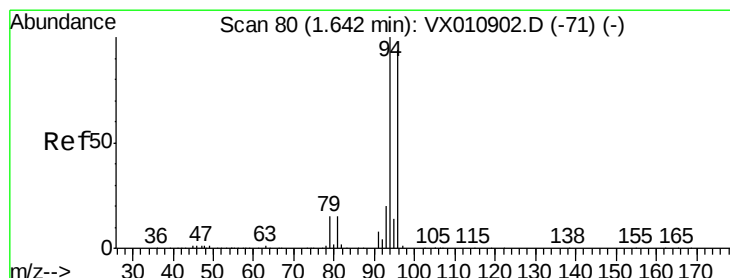
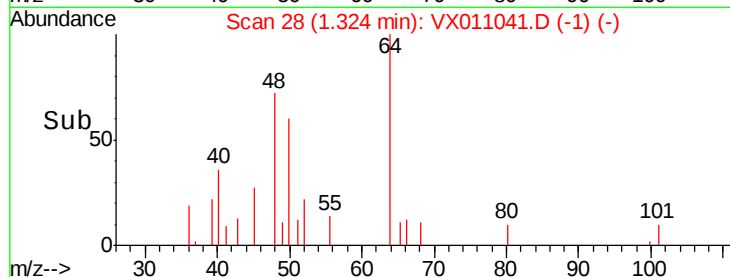


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#5

Bromomethane

Concen: 0.346 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX011041.D

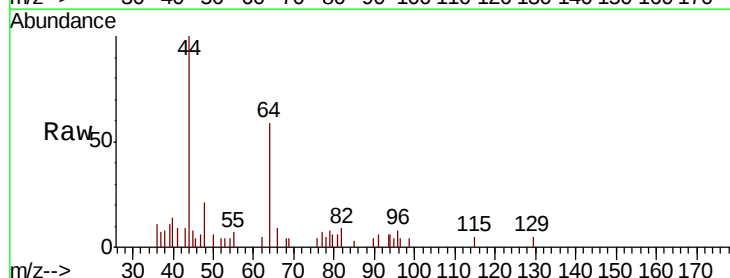
Acq: 22 Jul 2019 19:20

Tgt Ion: 94 Resp: 393

Ion Ratio Lower Upper

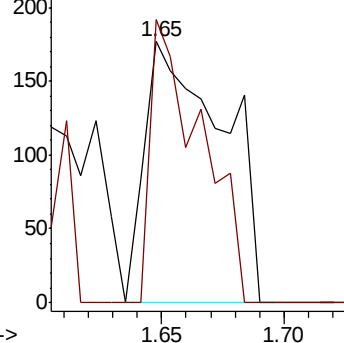
94 100

96 108.5 75.6 113.4

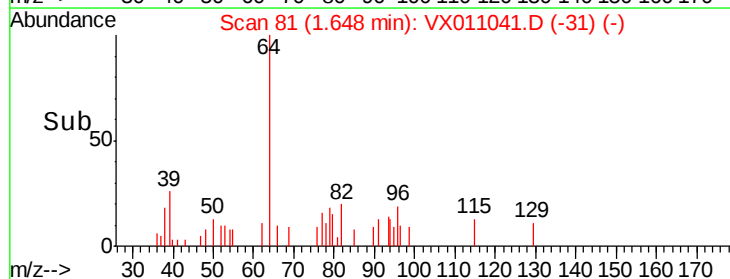


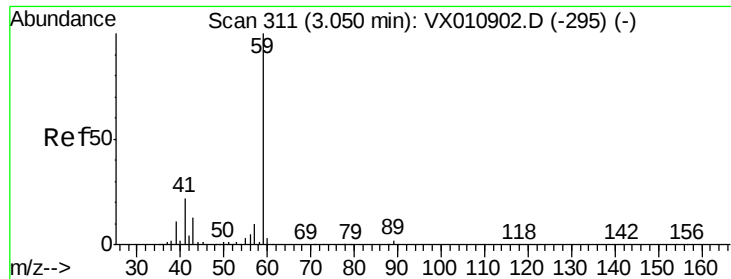
Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->

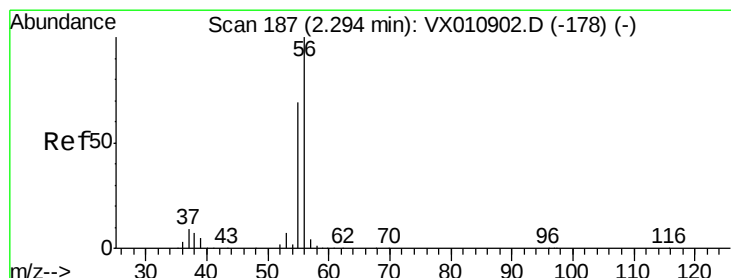
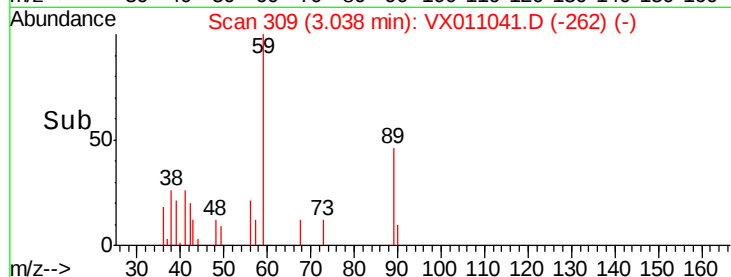
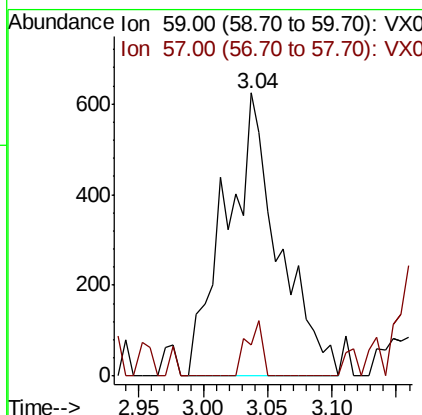
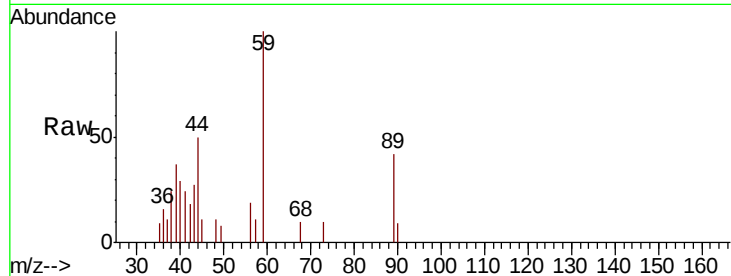




#11
Tert butvl alcohol
Concen: 3.327 ug/l
RT: 3.04 min Scan# 309
Delta R.T. -0.01 min
Lab File: VX011041.D
Acq: 22 Jul 2019 19:20

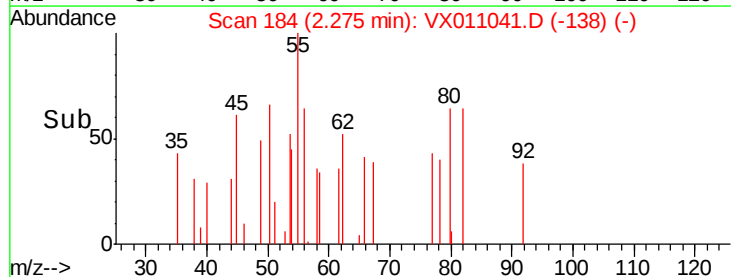
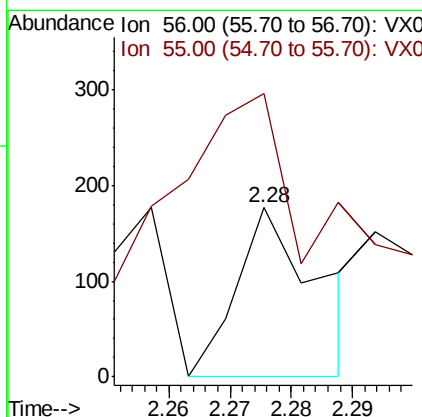
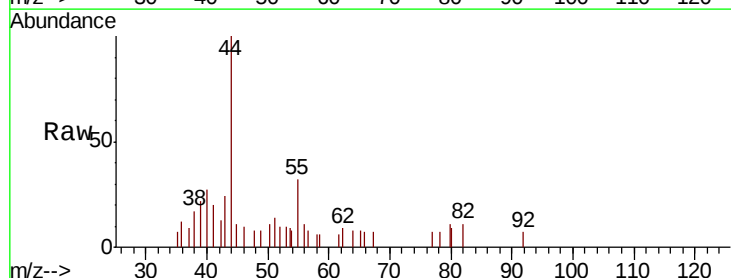
Instrument :
MSVOA_X
ClientSampled :
TP-1

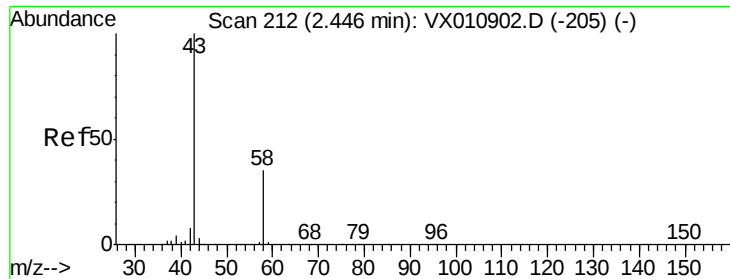
Tot Ion: 59 Resp: 1770
Ion Ratio Lower Upper
59 100
57 5.6 7.9 11.9#



#13
Acrolein
Concen: 0.527 ug/l
RT: 2.28 min Scan# 184
Delta R.T. -0.02 min
Lab File: VX011041.D
Acq: 22 Jul 2019 19:20

Tgt Ion: 56 Resp: 162
Ion Ratio Lower Upper
56 100
55 397.5 55.9 83.9#





#16

Acetone

Concen: 9.010 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX011041.D

Acq: 22 Jul 2019 19:20

Instrument :

MSVOA_X

ClientSampleId :

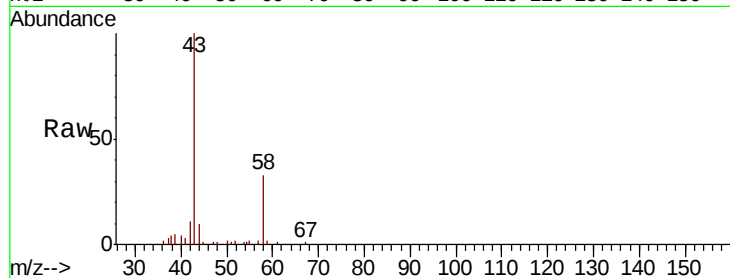
TP-1

Tot Ion: 43 Resp: 9295

Ion Ratio Lower Upper

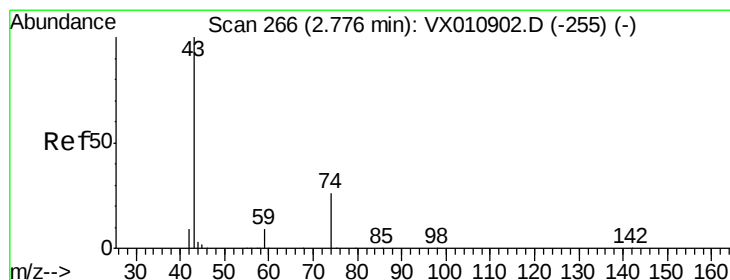
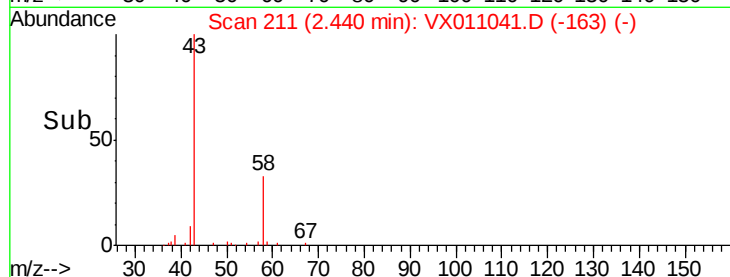
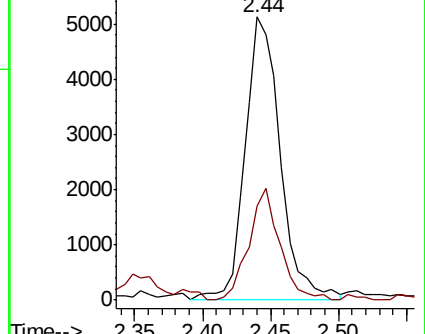
43 100

58 33.4 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#18

Methyl Acetate

Concen: 0.298 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX011041.D

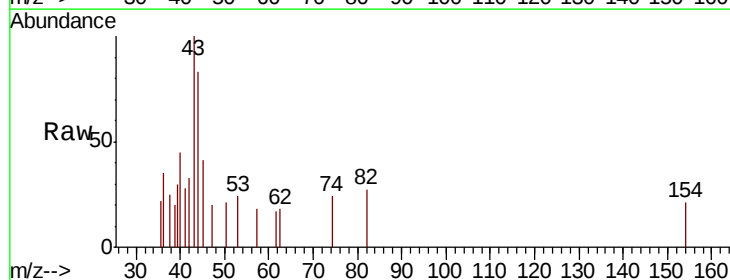
Acq: 22 Jul 2019 19:20

Tgt Ion: 43 Resp: 701

Ion Ratio Lower Upper

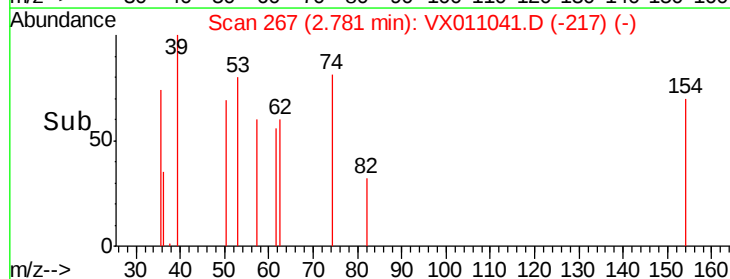
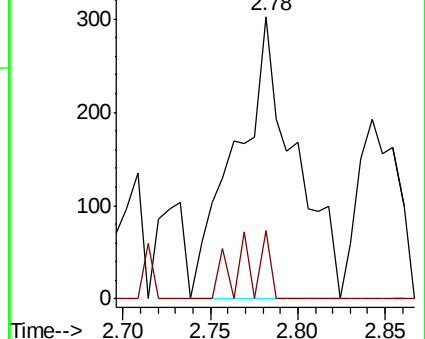
43 100

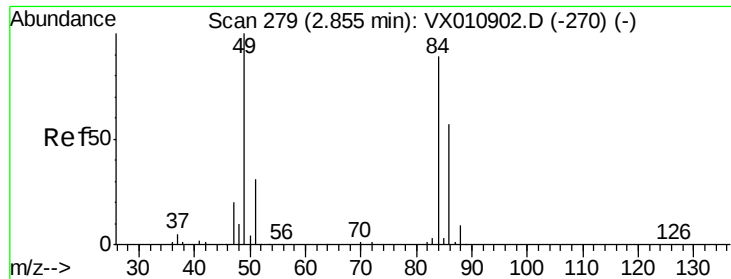
74 7.6 21.5 32.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#20

Methylene Chloride

Concen: 0.210 ug/l

RT: 2.85 min Scan# 278

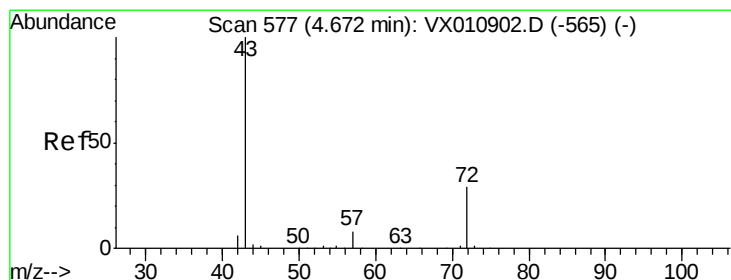
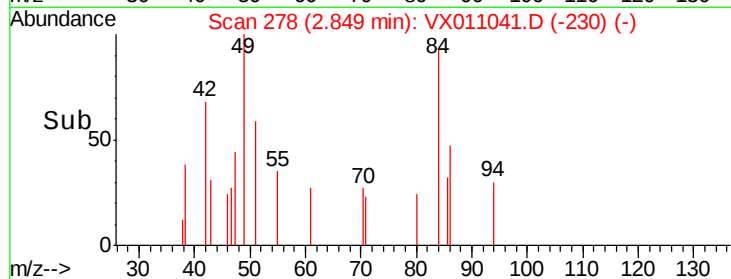
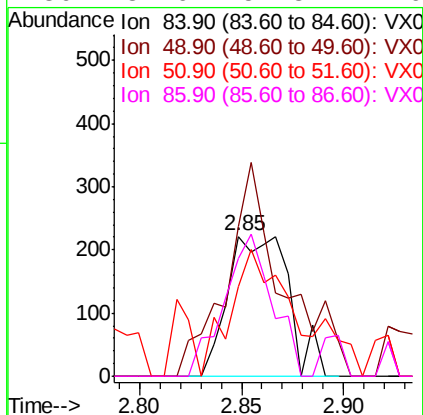
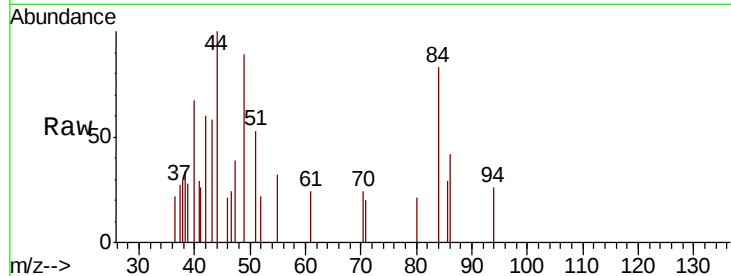
Delta R.T. -0.01 min

Lab File: VX011041.D

Acq: 22 Jul 2019 19:20

Instrument :
MSVOA_X
ClientSampled :
TP-1

Tot Ion:	84	Resp:	459
Ion	Ratio	Lower	Upper
84	100		
49	81.9	89.9	134.9#
51	38.0	27.8	41.6
86	84.6	51.8	77.6#



#25

2-Butanone

Concen: 1.394 ug/l

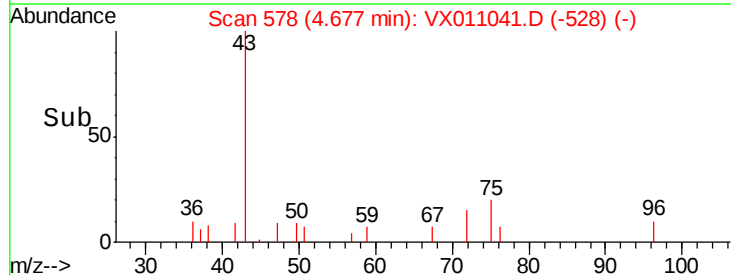
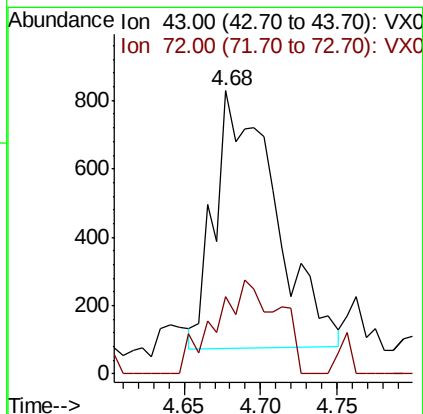
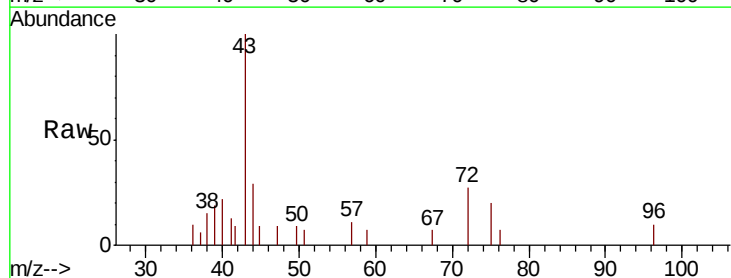
RT: 4.68 min Scan# 578

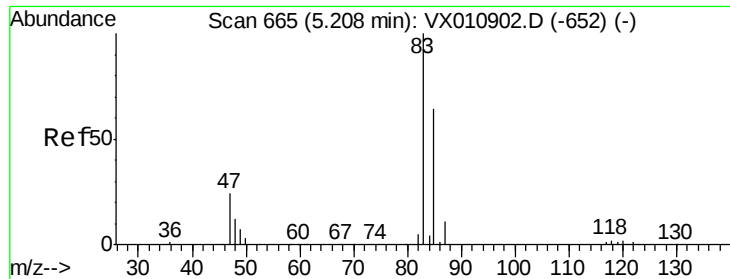
Delta R.T. 0.01 min

Lab File: VX011041.D

Acq: 22 Jul 2019 19:20

Tgt Ion:	43	Resp:	2064
Ion	Ratio	Lower	Upper
43	100		
72	23.8	23.0	34.6

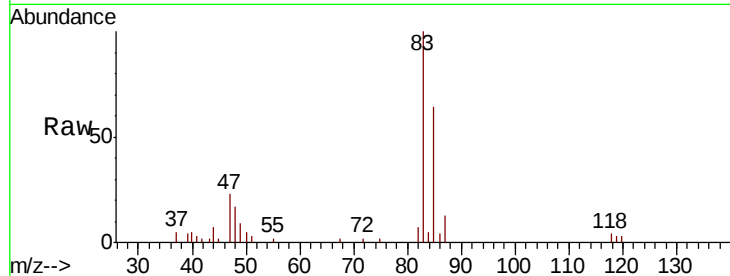




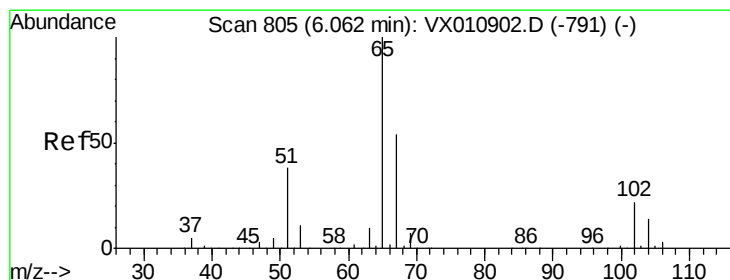
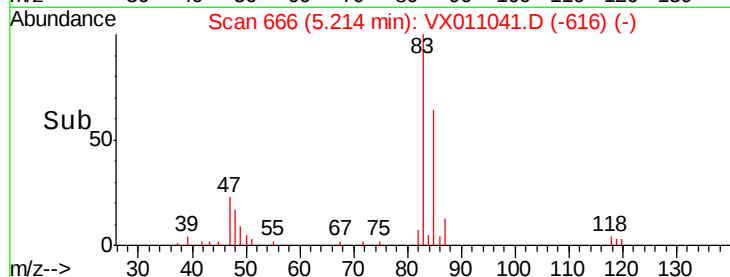
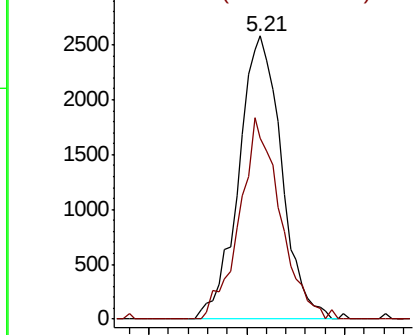
#30
Chloroform
Concen: 2.130 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX011041.D
Acq: 22 Jul 2019 19:20

Instrument :
MSVOA_X
ClientSampleId :
TP-1

Tot Ion: 83 Resp: 7835
Ion Ratio Lower Upper
83 100
85 63.8 51.4 77.0

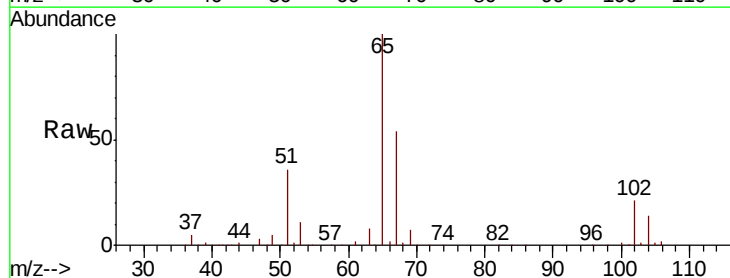


Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0

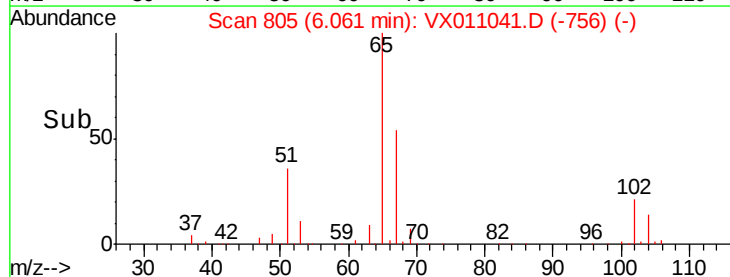
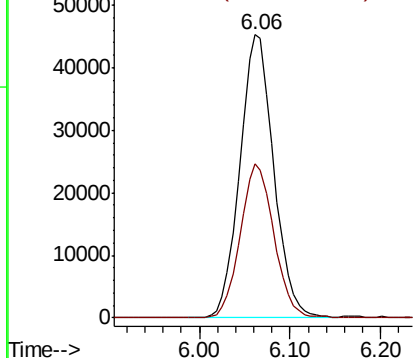


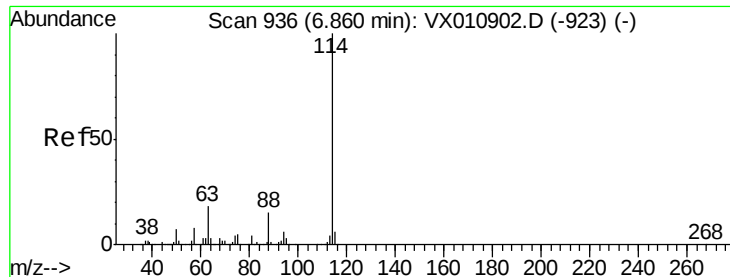
#33
1,2-Dichloroethane-d4
Concen: 51.112 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX011041.D
Acq: 22 Jul 2019 19:20

Tgt Ion: 65 Resp: 116753
Ion Ratio Lower Upper
65 100
67 54.3 0.0 107.8



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

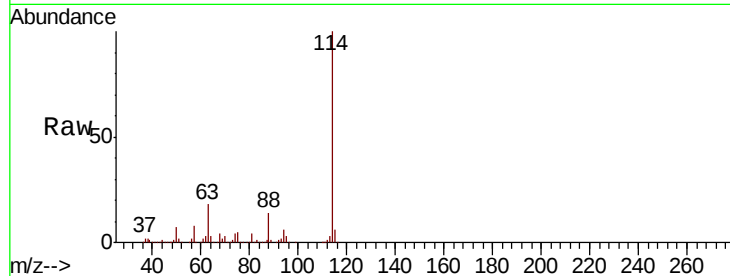




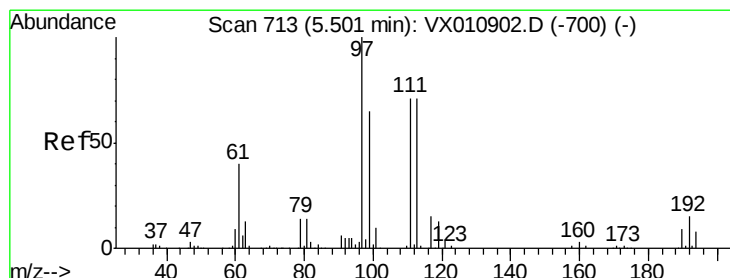
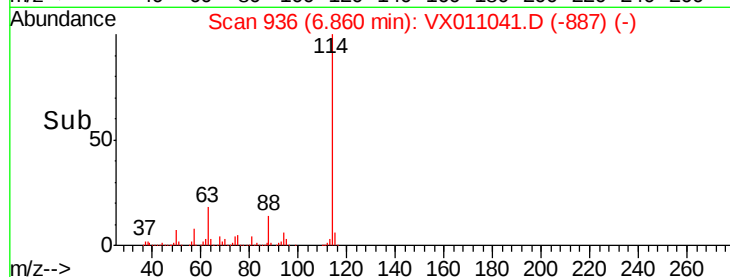
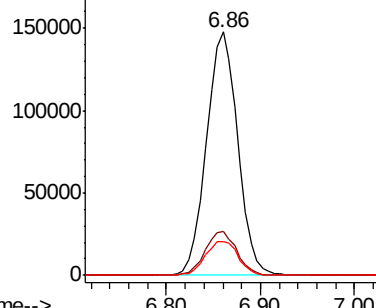
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX011041.D
Acq: 22 Jul 2019 19:20

Instrument :
MSVOA_X
ClientSampleId :
TP-1

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	35.6
88	13.9	0.0	29.8

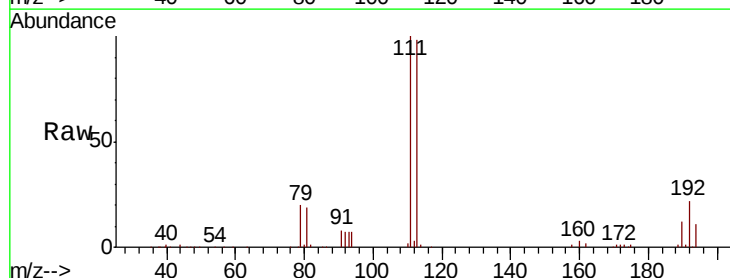


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

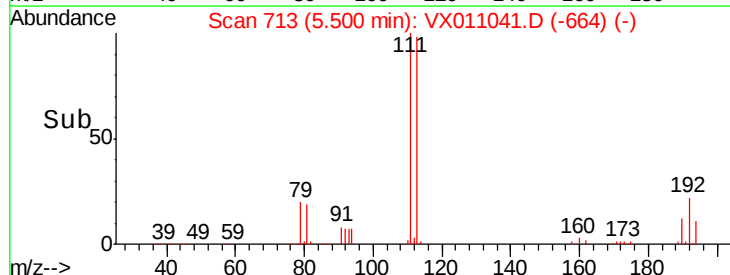
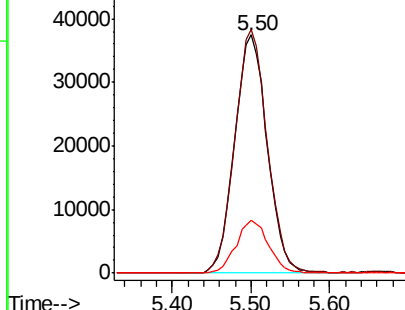


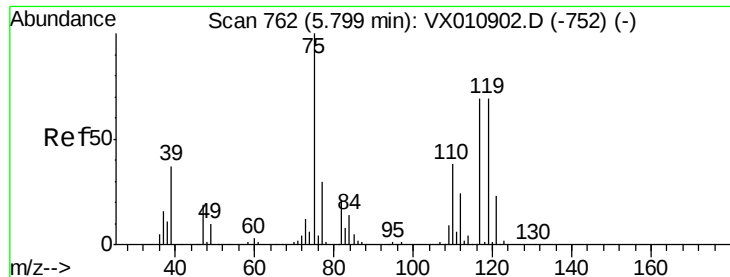
#35
Dibromofluoromethane
Concen: 49.604 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX011041.D
Acq: 22 Jul 2019 19:20

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.3	123.5
192	21.9	17.4	26.2



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





#36

1,1-Dichloropropene

Concen: 5.095 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX011041.D

Acq: 22 Jul 2019 19:20

Instrument :

MSVOA_X

ClientSampleId :

TP-1

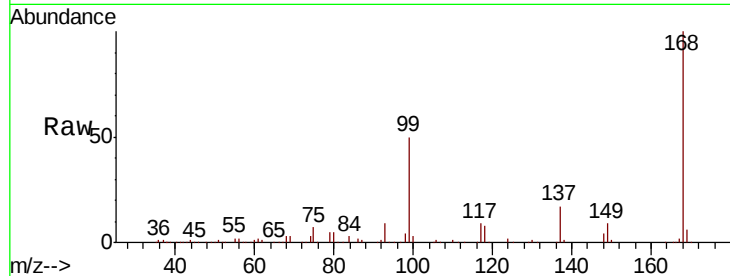
Tot Ion: 75 Resp: 14316

Ion Ratio Lower Upper

75 100

110 11.3 19.9 59.7#

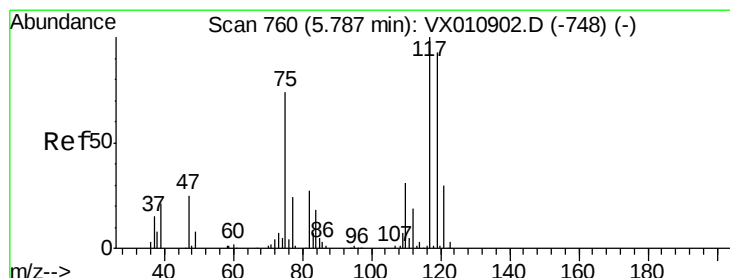
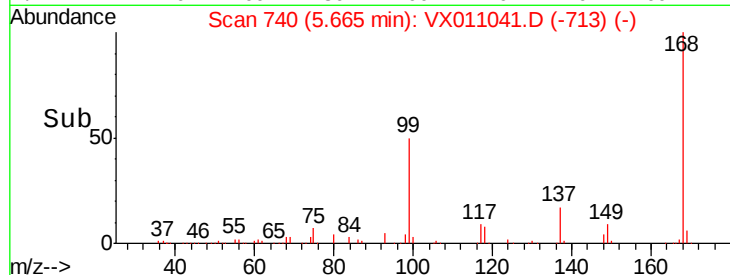
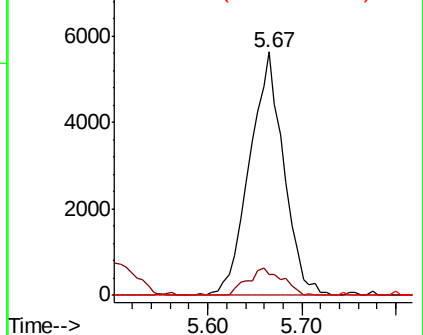
77 0.0 25.0 37.4#



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: 6.733 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.13 min

Lab File: VX011041.D

Acq: 22 Jul 2019 19:20

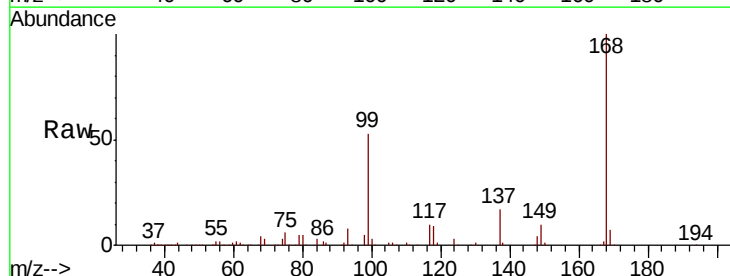
Tgt Ion: 117 Resp: 19715

Ion Ratio Lower Upper

117 100

119 5.0 74.2 111.2#

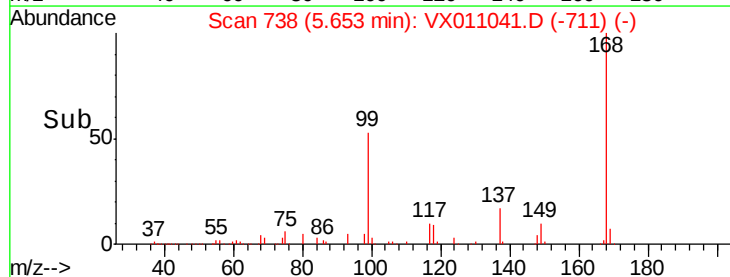
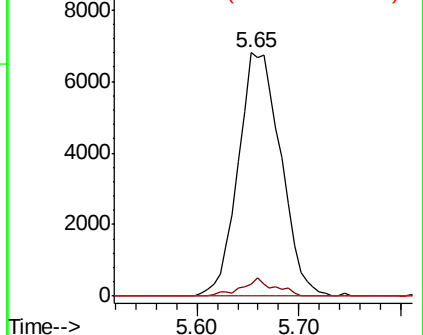
121 0.0 24.2 36.2#

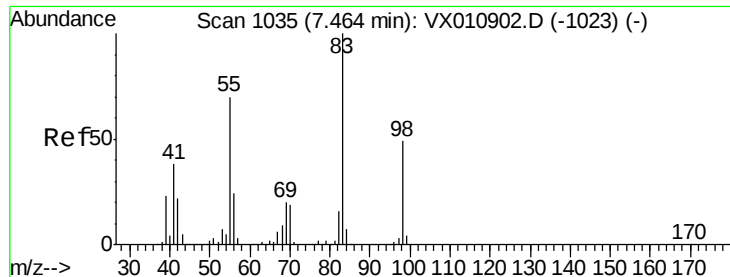


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

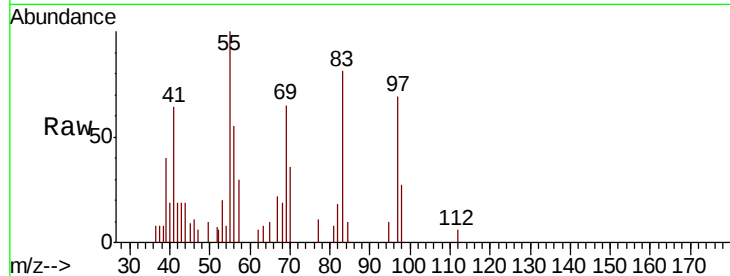




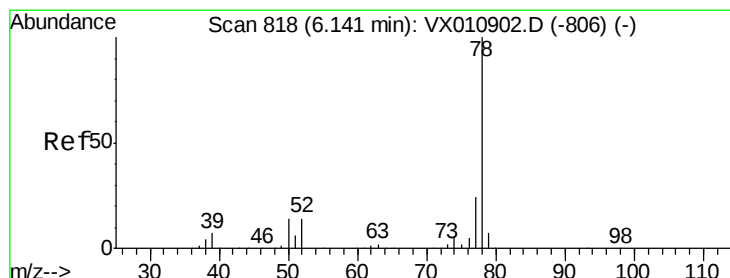
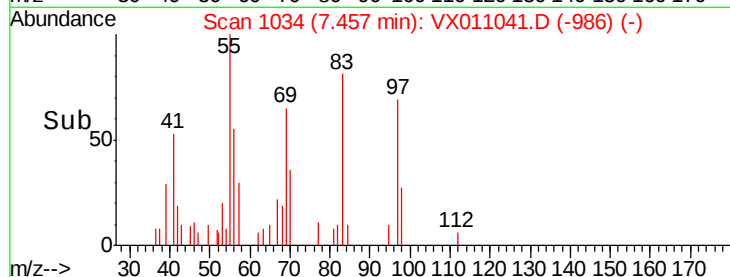
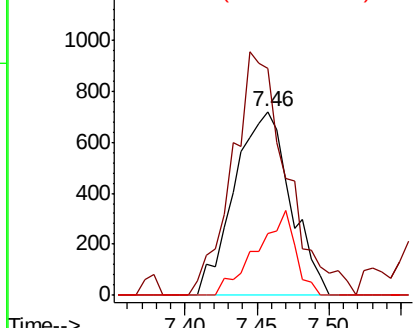
#39
Methvlcvclohexane
Concen: 0.538 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX011041.D
Acq: 22 Jul 2019 19:20

Instrument :
MSVOA_X
ClientSampleId :
TP-1

Tot Ion: 83 Resp: 1959
Ion Ratio Lower Upper
83 100
55 123.5 56.2 84.4#
98 33.7 39.0 58.4#

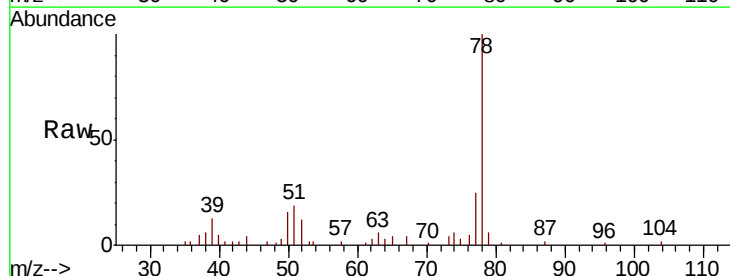


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

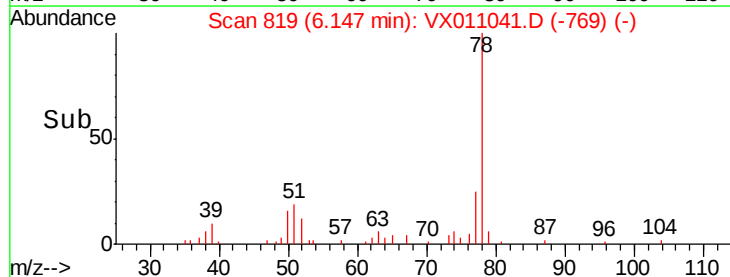
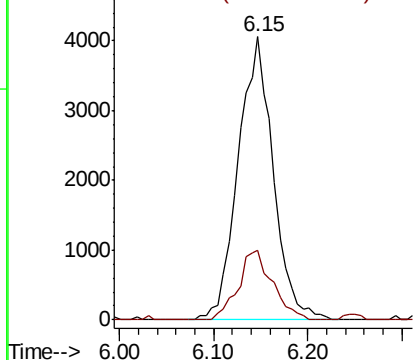


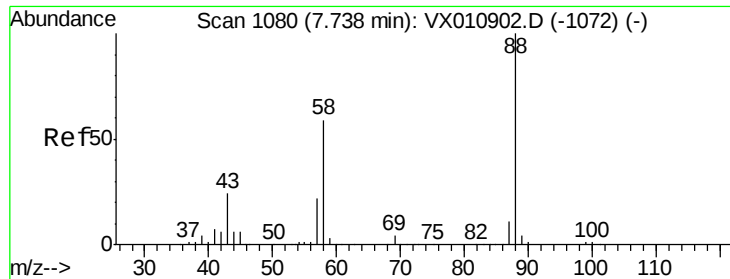
#40
Benzene
Concen: 1.226 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX011041.D
Acq: 22 Jul 2019 19:20

Tgt Ion: 78 Resp: 10556
Ion Ratio Lower Upper
78 100
77 24.6 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#49

1,4-Dioxane

Concen: 0.326 ug/l

RT: 7.54 min Scan# 1047

Delta R.T. -0.20 min

Lab File: VX011041.D

Acq: 22 Jul 2019 19:20

Instrument :

MSVOA_X

ClientSampleId :

TP-1

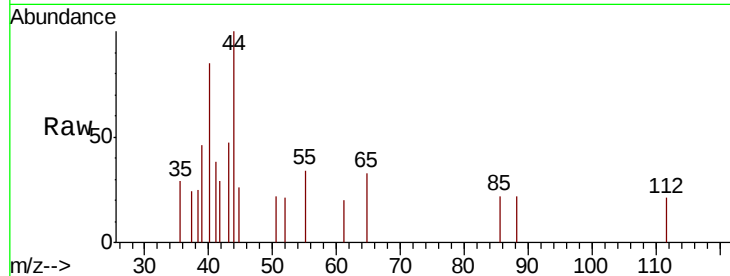
Tot Ion: 88 Resp: 21

Ion Ratio Lower Upper

88 100

43 0.0 22.9 34.3#

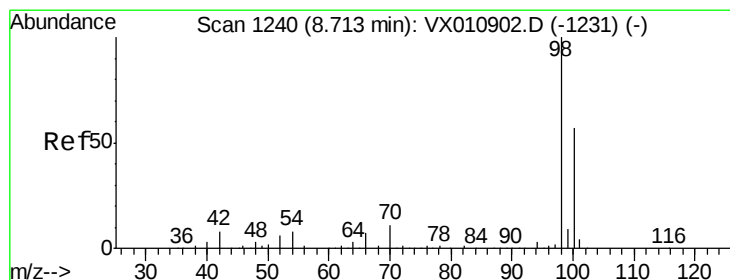
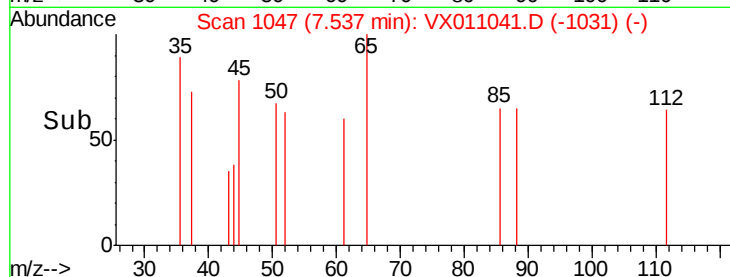
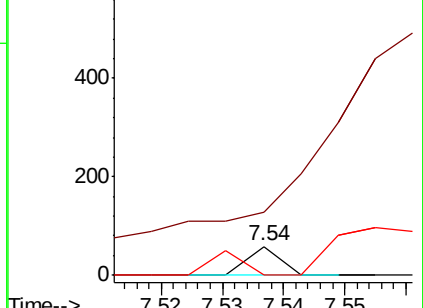
58 85.7 49.8 74.8#



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: 50.529 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011041.D

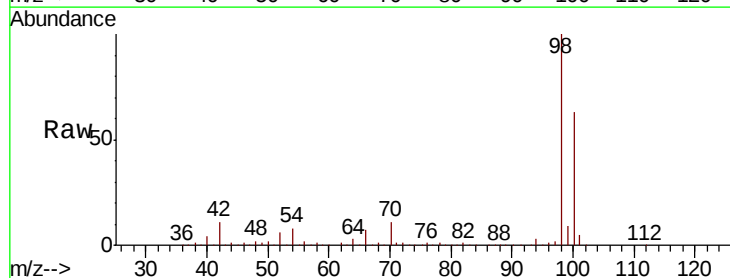
Acq: 22 Jul 2019 19:20

Tgt Ion: 98 Resp: 411474

Ion Ratio Lower Upper

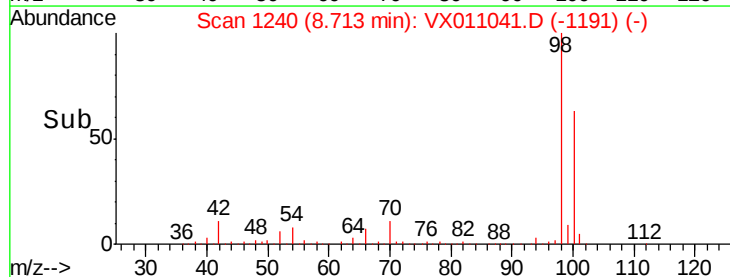
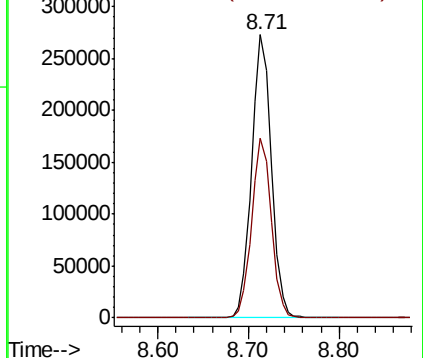
98 100

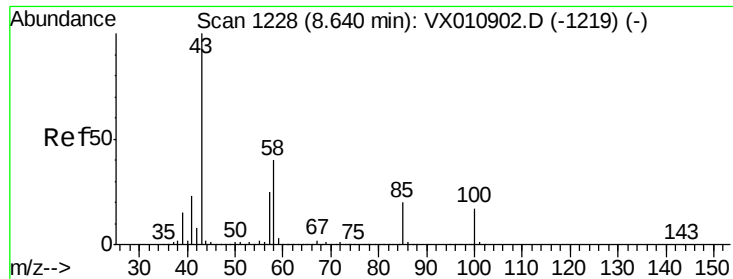
100 63.3 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

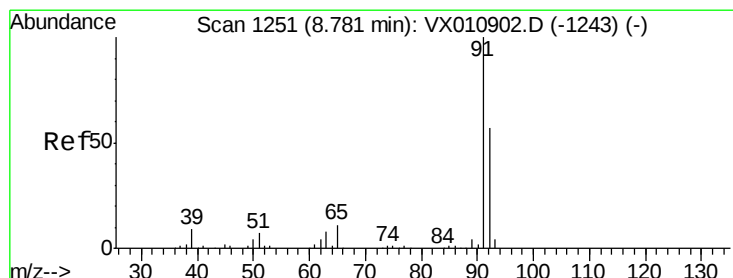
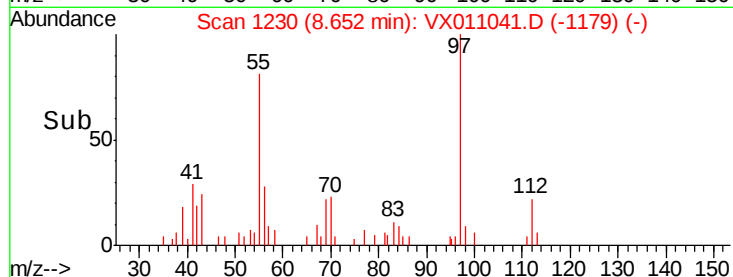
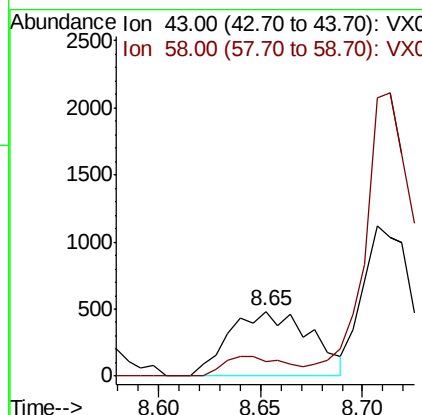
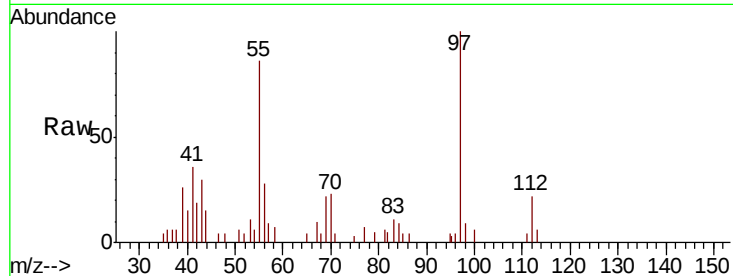




#51
4-Methyl-2-Pentanone
Concen: 0.437 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. 0.01 min
Lab File: VX011041.D
Acq: 22 Jul 2019 19:20

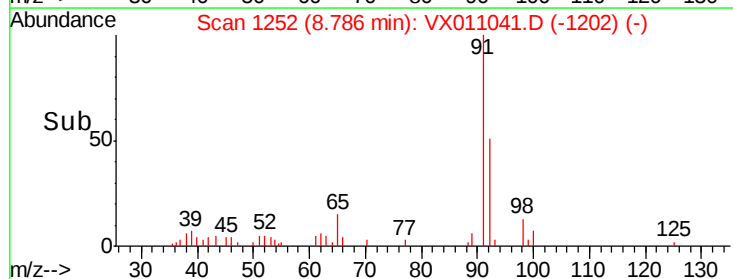
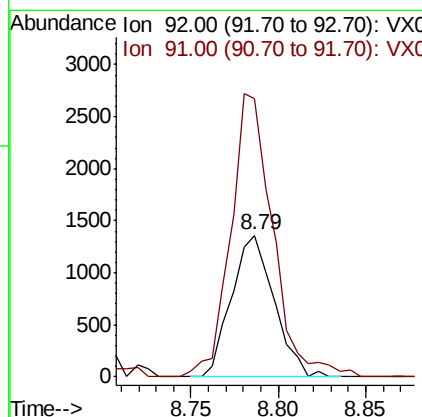
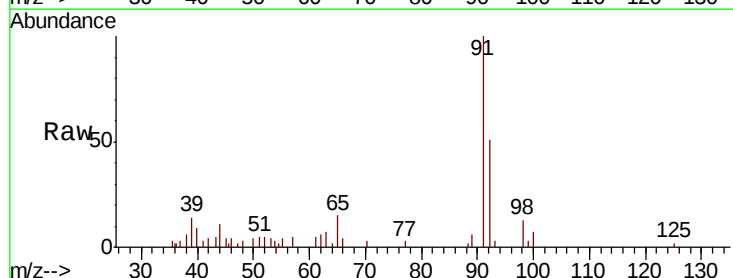
Instrument :
MSVOA_X
ClientSampled :
TP-1

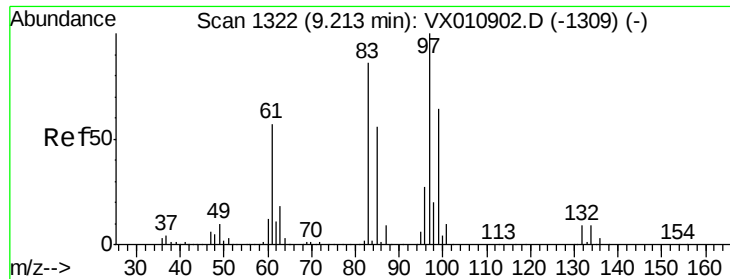
Tot Ion: 43 Resp: 1340
Ion Ratio Lower Upper
43 100
58 23.2 32.2 48.4#



#52
Toluene
Concen: 0.408 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.01 min
Lab File: VX011041.D
Acq: 22 Jul 2019 19:20

Tgt Ion: 92 Resp: 2308
Ion Ratio Lower Upper
92 100
91 197.9 139.4 209.0





#55

1,1,2-Trichloroethane

Concen: 1.304 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX011041.D

Acq: 22 Jul 2019 19:20

Instrument :

MSVOA_X

ClientSampleId :

TP-1

Tot Ion: 97 Resp: 3035

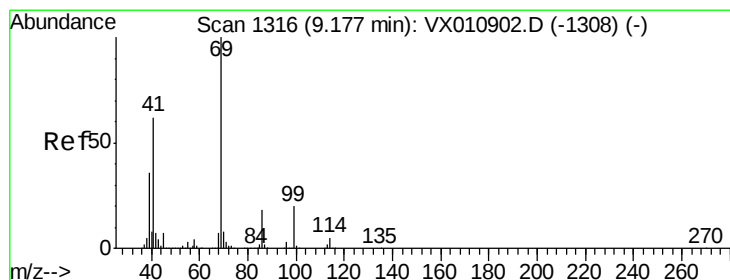
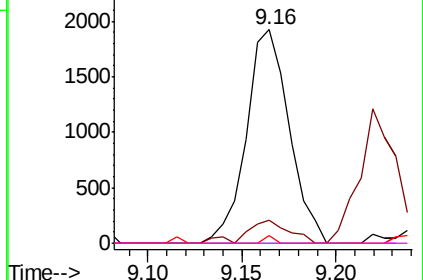
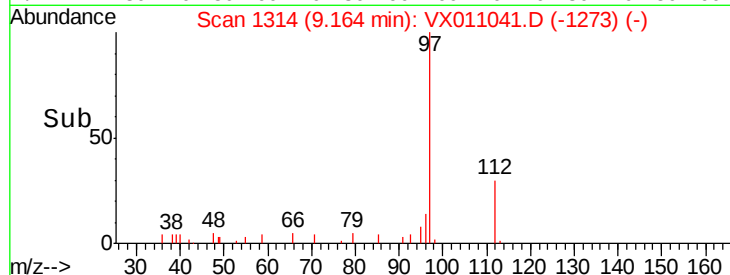
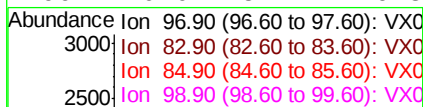
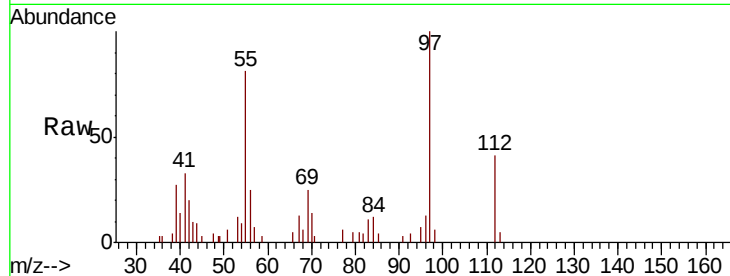
Ion Ratio Lower Upper

97 100

83 10.9 69.2 103.8#

85 3.8 44.6 66.8#

99 0.0 51.2 76.8#



#56

Ethyl methacrylate

Concen: 0.263 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.01 min

Lab File: VX011041.D

Acq: 22 Jul 2019 19:20

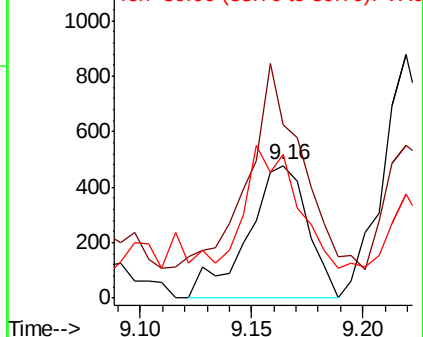
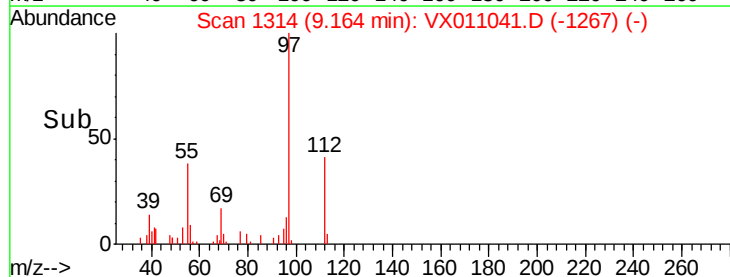
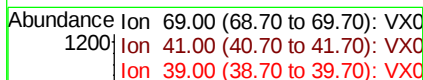
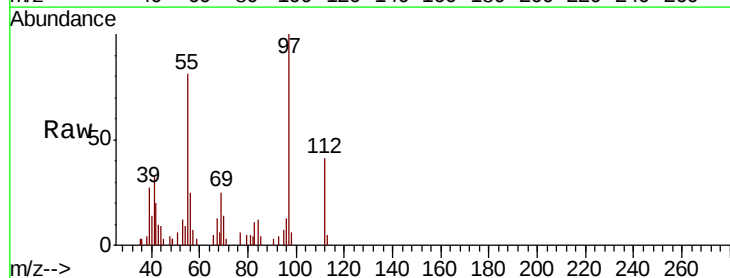
Tgt Ion: 69 Resp: 894

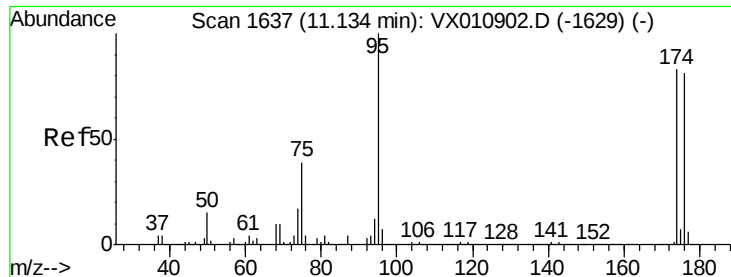
Ion Ratio Lower Upper

69 100

41 136.7 49.7 74.5#

39 76.3 29.6 44.4#

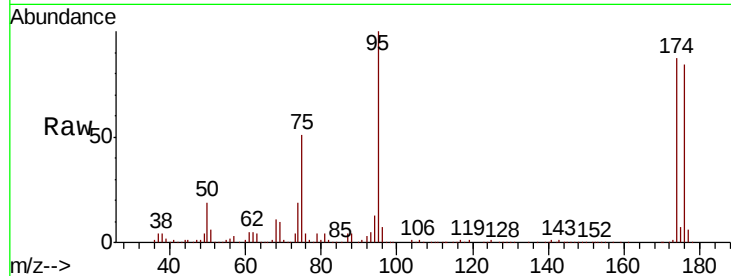




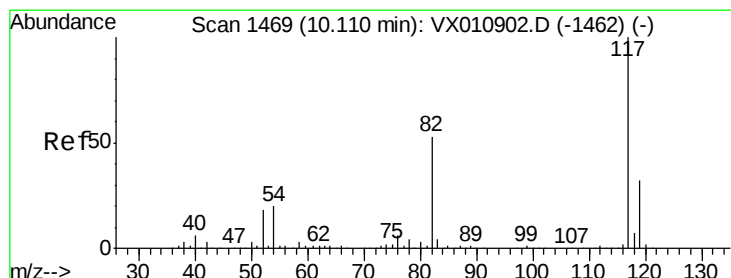
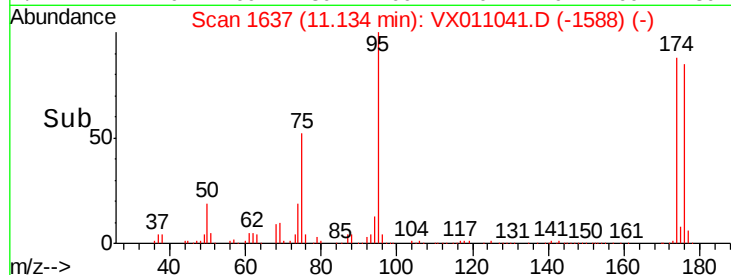
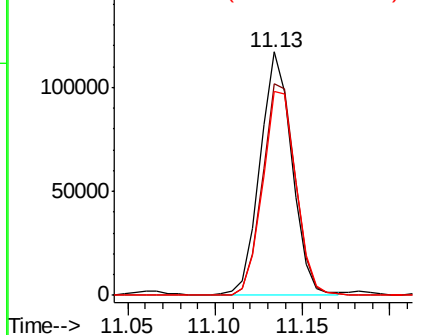
#62
4-Bromofluorobenzene
Concen: 49.518 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011041.D
Acq: 22 Jul 2019 19:20

Instrument :
MSVOA_X
ClientSampleId :
TP-1

Tot Ion: 95 Resp: 148220
Ion Ratio Lower Upper
95 100
174 90.1 0.0 180.6
176 88.0 0.0 173.8

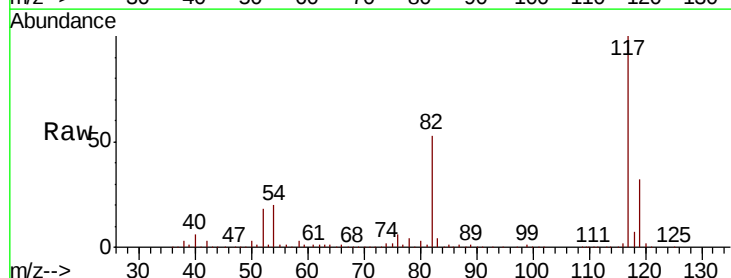


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

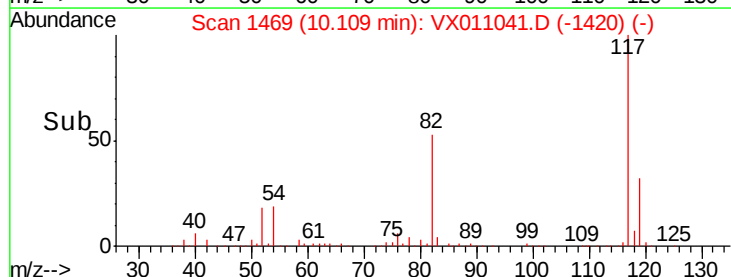
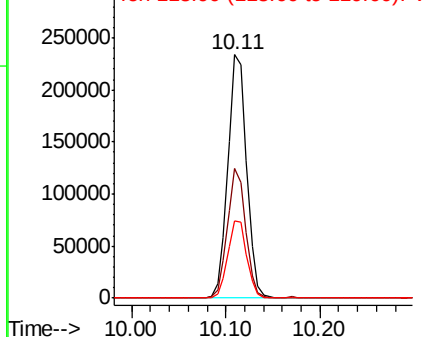


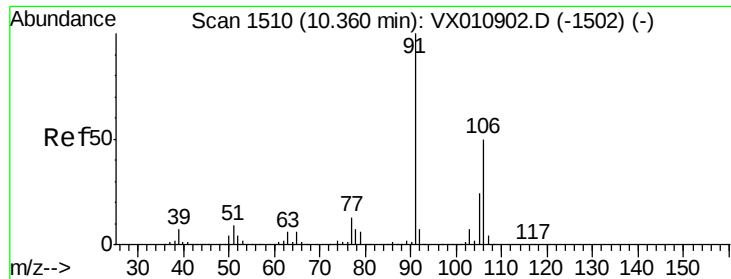
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011041.D
Acq: 22 Jul 2019 19:20

Tgt Ion: 117 Resp: 322999
Ion Ratio Lower Upper
117 100
82 52.9 42.6 63.8
119 31.9 25.9 38.9



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

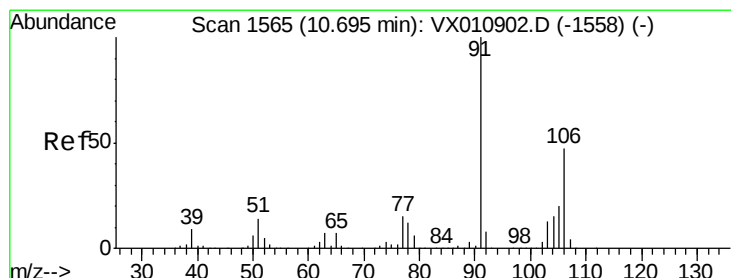
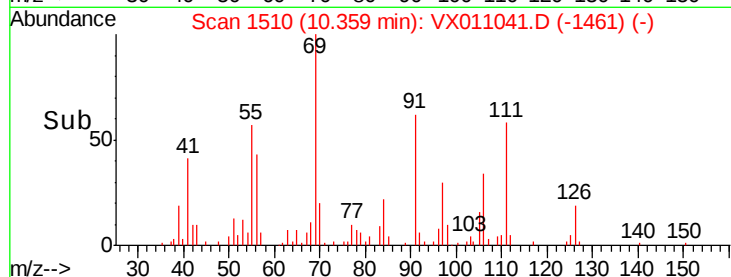
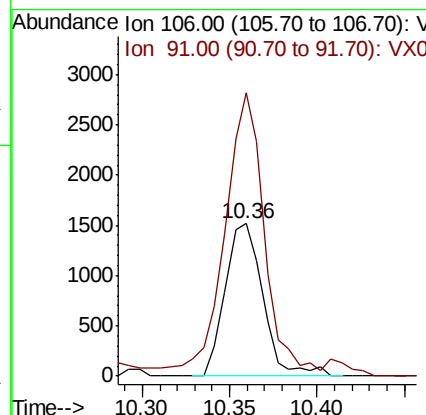
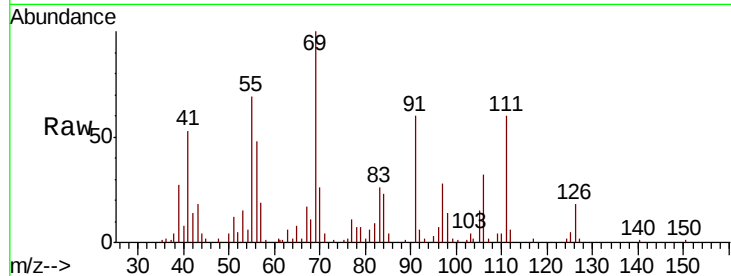




#68
m/p-Xylenes
Concen: 0.526 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX011041.D
Acq: 22 Jul 2019 19:20

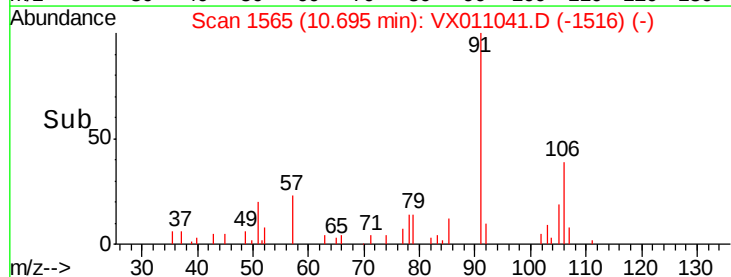
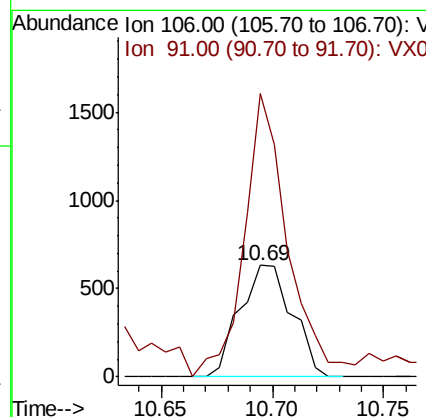
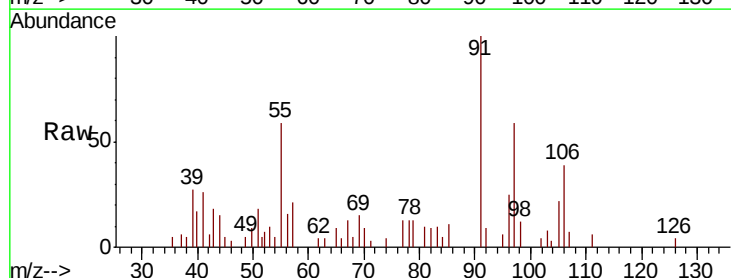
Instrument :
MSVOA_X
ClientSampled :
TP-1

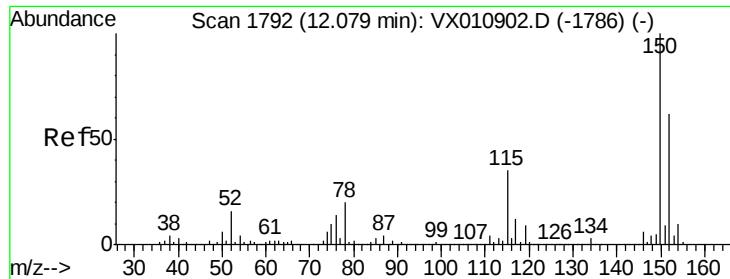
Tot Ion:106 Resp: 2279
Ion Ratio Lower Upper
106 100
91 196.1 160.1 240.1



#69
o-Xylene
Concen: 0.245 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011041.D
Acq: 22 Jul 2019 19:20

Tgt Ion:106 Resp: 1036
Ion Ratio Lower Upper
106 100
91 211.8 105.1 315.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX011041.D

Acq: 22 Jul 2019 19:20

Instrument :

MSVOA_X

ClientSampleId :

TP-1

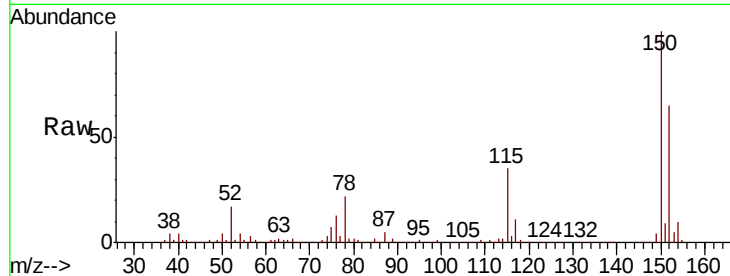
Tot Ion:152 Resp: 151686

Ion Ratio Lower Upper

152 100

115 55.2 39.7 119.1

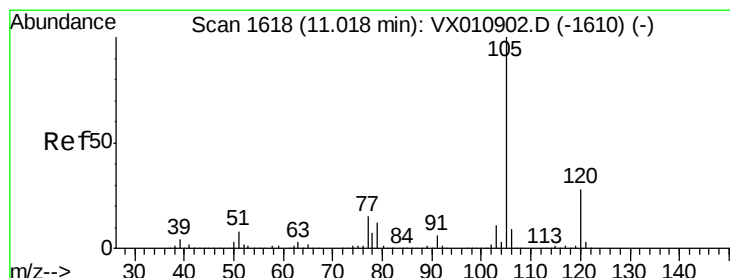
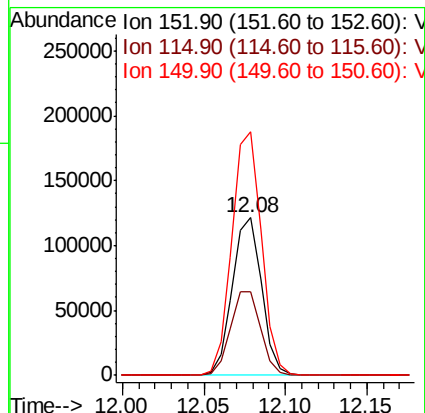
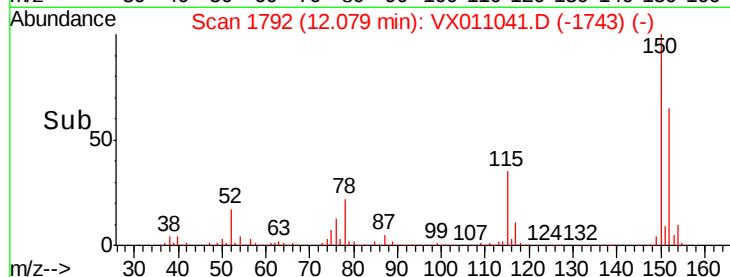
150 155.9 0.0 345.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 0.259 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX011041.D

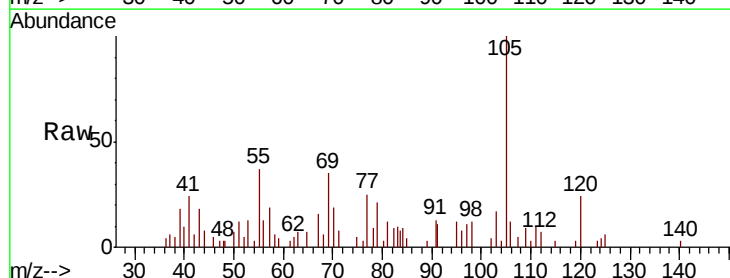
Acq: 22 Jul 2019 19:20

Tgt Ion:105 Resp: 2653

Ion Ratio Lower Upper

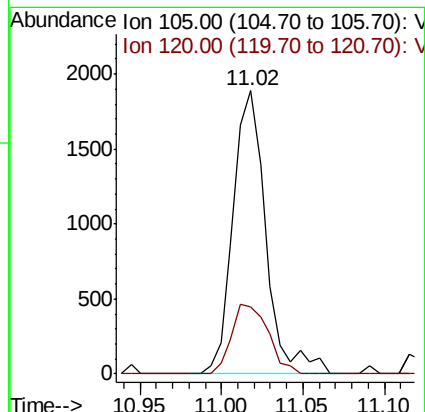
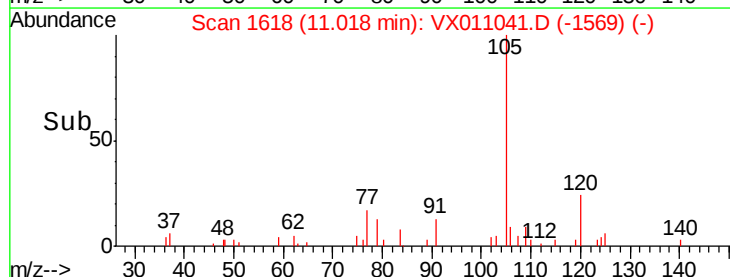
105 100

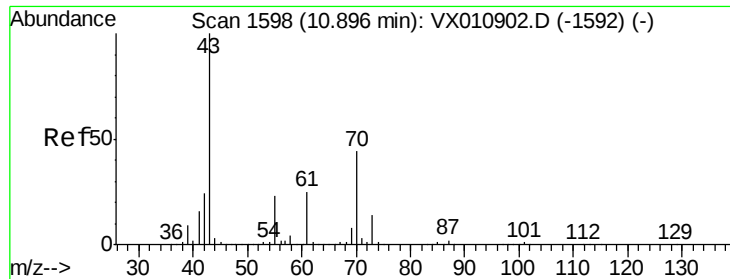
120 27.3 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.660 ug/l

RT: 10.92 min Scan# 1602

Delta R.T. 0.02 min

Lab File: VX011041.D

Acq: 22 Jul 2019 19:20

Instrument :

MSVOA_X

ClientSampled :

TP-1

Tot Ion: 43 Resp: 2584

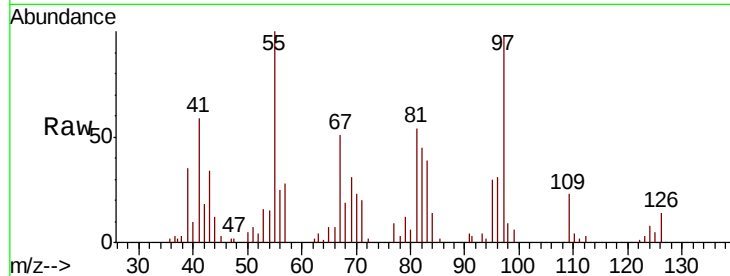
Ion Ratio Lower Upper

43 100

70 116.5 34.7 52.1#

55 287.4 19.1 28.7#

61 0.0 19.9 29.9#

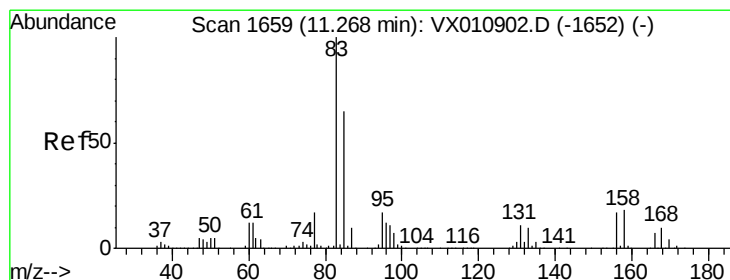
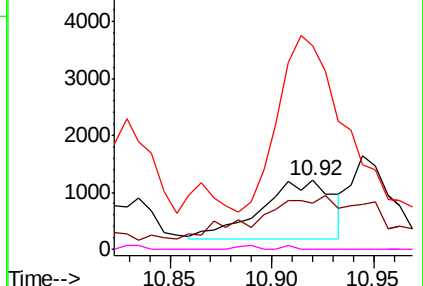
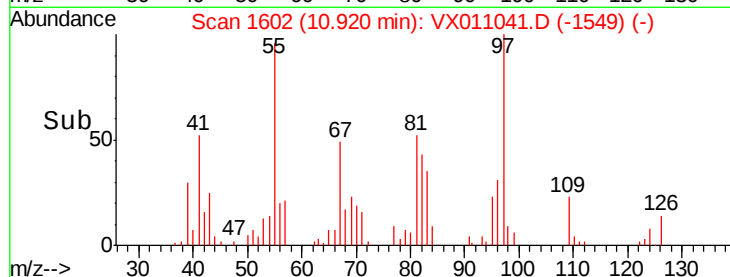


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 0.913 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX011041.D

Acq: 22 Jul 2019 19:20

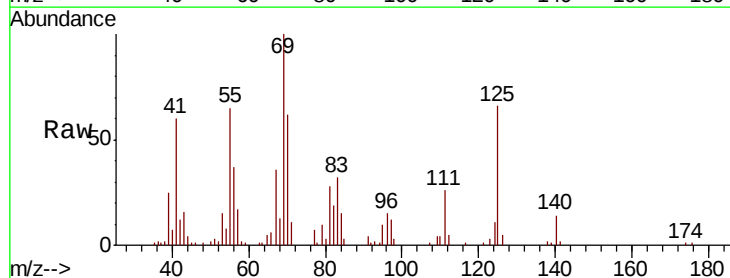
Tgt Ion: 83 Resp: 3062

Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.4#

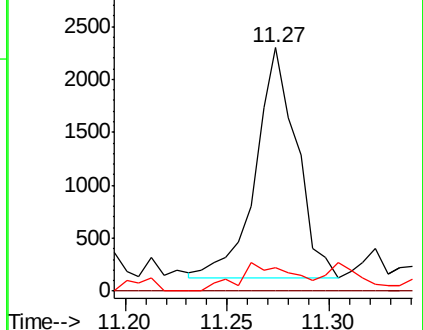
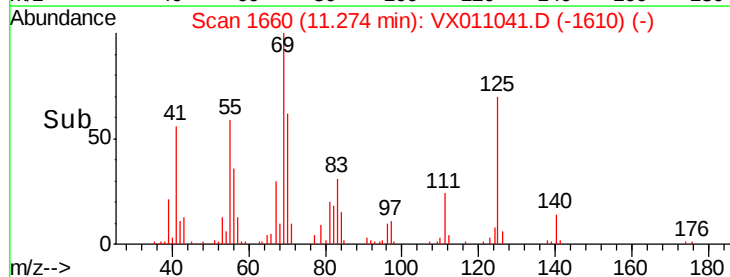
85 16.2 32.3 96.9#

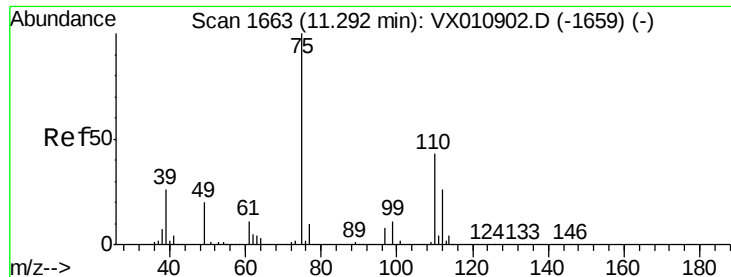


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 27.173 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX011041.D

Acq: 22 Jul 2019 19:20

Instrument :

MSVOA_X

ClientSampleId :

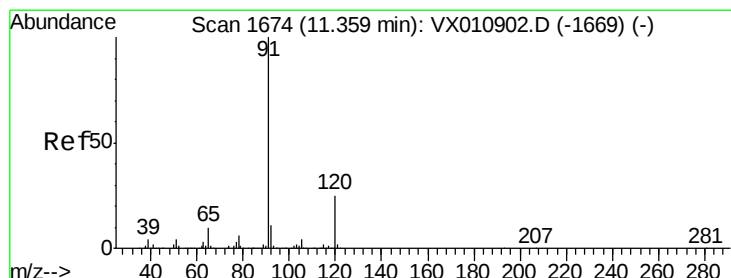
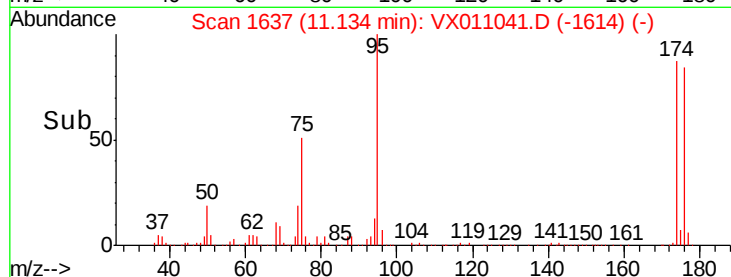
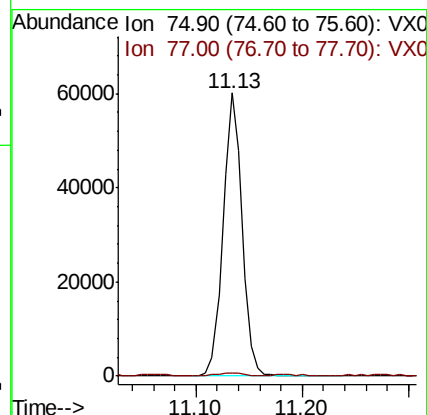
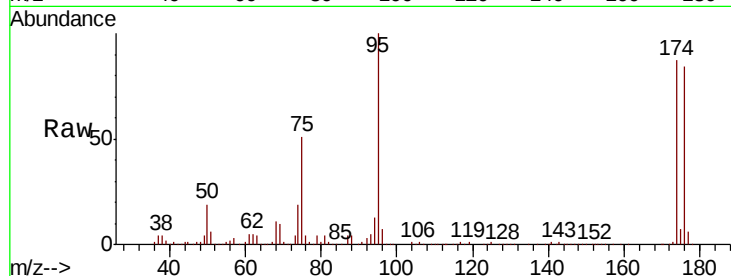
TP-1

Tot Ion: 75 Resp: 74380

Ion Ratio Lower Upper

75 100

77 1.5 21.3 64.0#



#78

n-propylbenzene

Concen: 0.275 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX011041.D

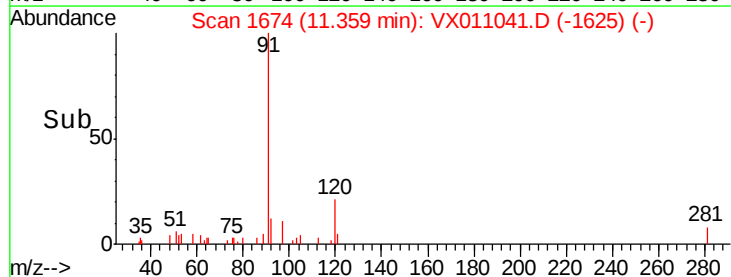
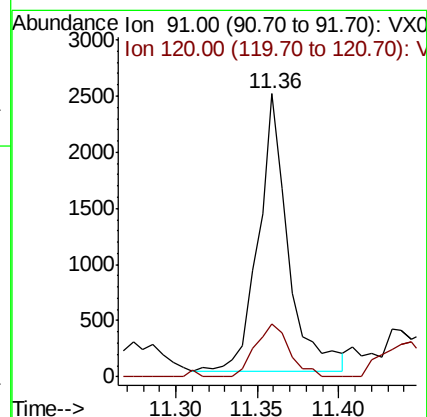
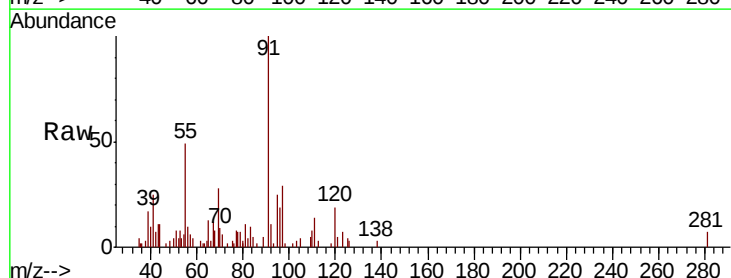
Acq: 22 Jul 2019 19:20

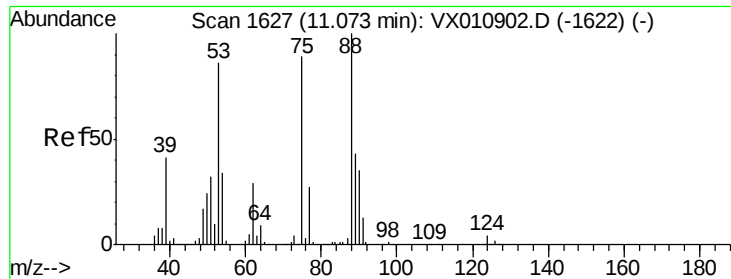
Tgt Ion: 91 Resp: 3118

Ion Ratio Lower Upper

91 100

120 22.0 12.3 36.8





#81

trans-1,4-Dichloro-2-butene

Concen: 67.345 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX011041.D

Acq: 22 Jul 2019 19:20

Instrument :

MSVOA_X

ClientSampleId :

TP-1

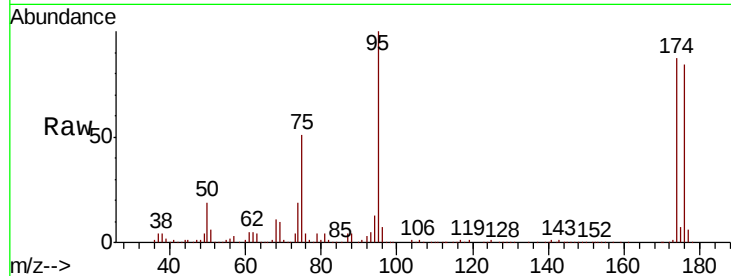
Tot Ion: 75 Resp: 74380

Ion Ratio Lower Upper

75 100

53 0.1 76.7 115.1#

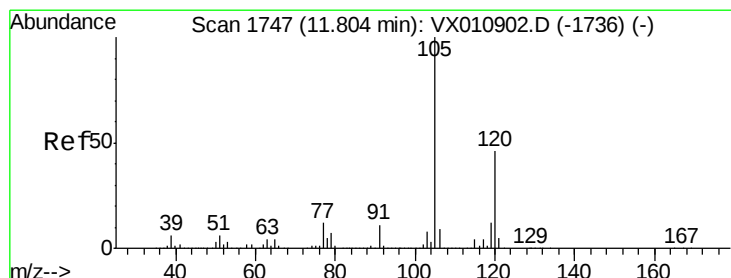
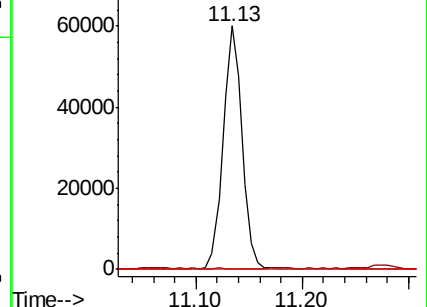
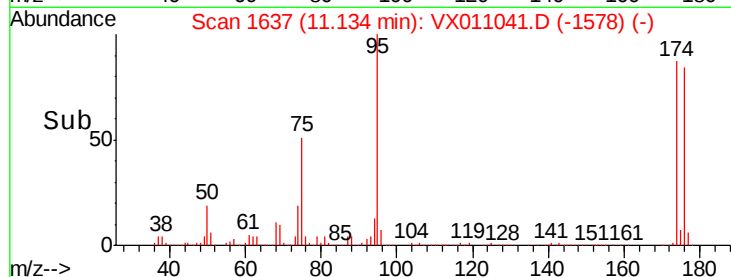
89 0.0 38.5 57.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#84

1,2,4-Trimethylbenzene

Concen: 0.218 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX011041.D

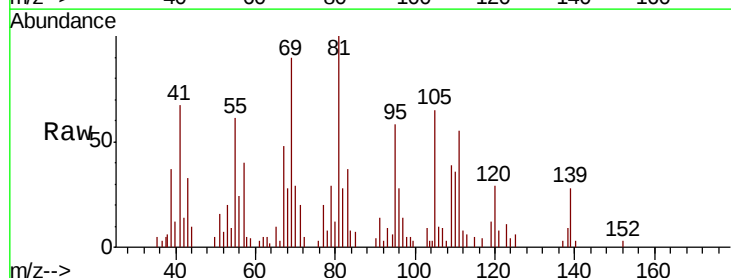
Acq: 22 Jul 2019 19:20

Tgt Ion:105 Resp: 1885

Ion Ratio Lower Upper

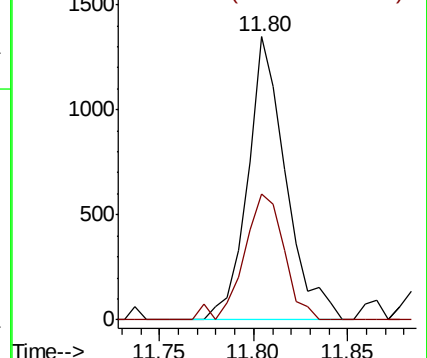
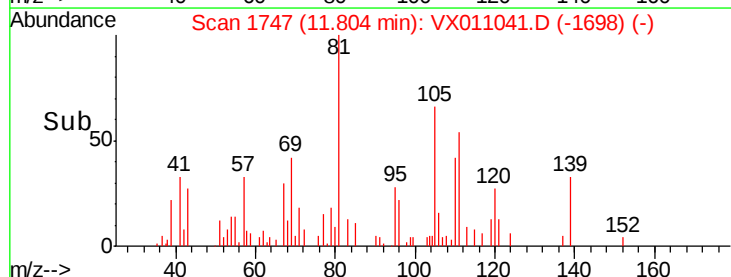
105 100

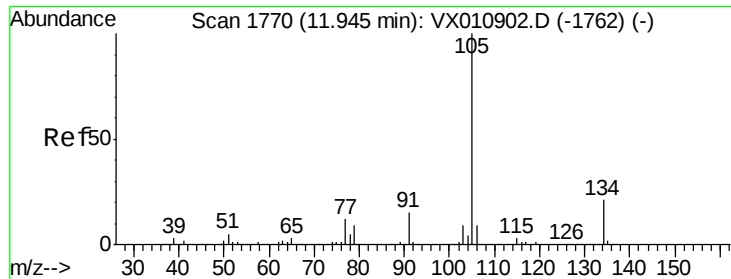
120 46.8 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 0.231 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX011041.D

Acq: 22 Jul 2019 19:20

Instrument :

MSVOA_X

ClientSampled :

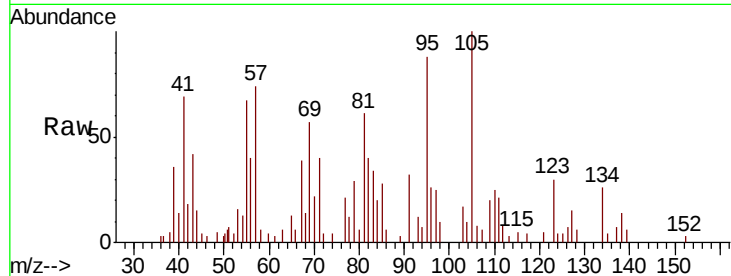
TP-1

Tot Ion:105 Resp: 2279

Ion Ratio Lower Upper

105 100

134 35.0 10.4 31.4#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

2000

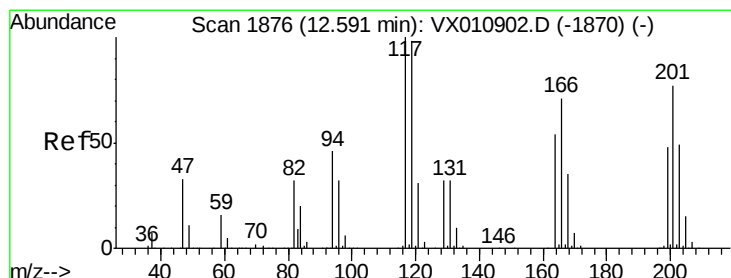
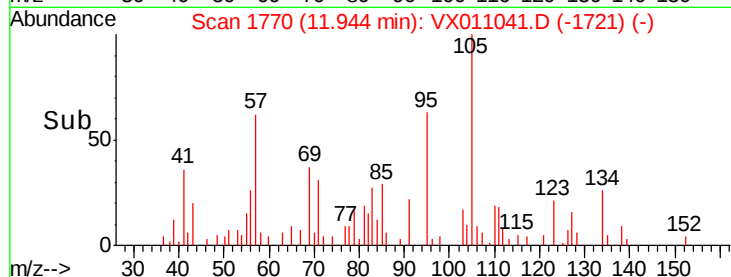
1500

1000

500

0

Time-->



#90

Hexachloroethane

Concen: 0.411 ug/l

RT: 12.66 min Scan# 1888

Delta R.T. 0.07 min

Lab File: VX011041.D

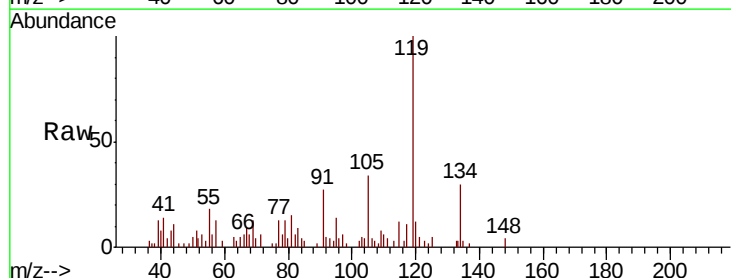
Acq: 22 Jul 2019 19:20

Tgt Ion:117 Resp: 591

Ion Ratio Lower Upper

117 100

201 0.0 43.3 129.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

12.66

800

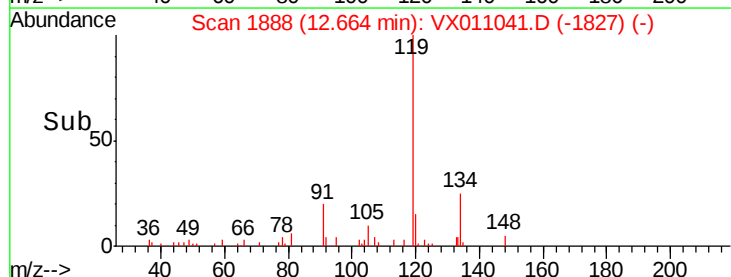
600

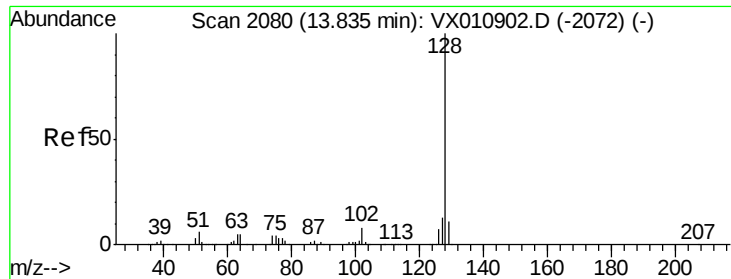
400

200

0

Time-->

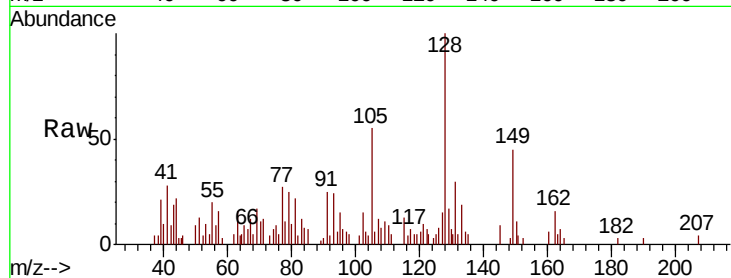




#95
Naphthalene
Concen: 0.416 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX011041.D
Acq: 22 Jul 2019 19:20

Instrument :
MSVOA_X
ClientSampleId :
TP-1

Tot Ion:128 Resp: 4046
Ion Ratio Lower Upper
128 100
127 23.5 10.4 15.6#
129 0.0 8.9 13.3#



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

