

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081919\
 Data File : VX011642.D
 Acq On : 19 Aug 2019 19:14
 Operator : JC/SP
 Sample : K4351-09DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PH2-0138DL

Quant Time: Aug 20 09:43:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	452625	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	614515	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	537050	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	275888	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	207943	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	
35) Dibromofluoromethane	5.49	113	178693	44.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.92%	
50) Toluene-d8	8.71	98	682352	54.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.96%	
62) 4-Bromofluorobenzene	11.13	95	247766	46.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.74%	

Target Compounds

						Qvalue
4) Vinyl Chloride	1.40	62	1016	0.243	ug/l #	73
5) Bromomethane	1.64	94	583	0.312	ug/l #	76
6) Chloroethane	1.71	64	460	0.233	ug/l #	84
8) Diethyl Ether	2.12	74	484	0.244	ug/l	65
11) Tert butyl alcohol	3.02	59	1006	0.977	ug/l #	71
13) Acrolein	2.29	56	255	12.949	ug/l #	15
15) Acrylonitrile	3.14	53	710	0.301	ug/l #	70
16) Acetone	2.43	43	1238	0.587	ug/l #	84
17) Carbon Disulfide	2.56	76	2131	0.234	ug/l	98
20) Methylene Chloride	2.85	84	989	0.223	ug/l #	49
31) Cyclohexane	5.57	56	156531	25.150	ug/l	97
36) 1,1-Dichloropropene	5.65	75	25619	4.876	ug/l #	52
38) Carbon Tetrachloride	5.66	117	38008	6.566	ug/l #	14
39) Methylcyclohexane	7.46	83	120589	18.585	ug/l	98
40) Benzene	6.14	78	4623	0.283	ug/l #	89
48) Methyl methacrylate	7.73	41	4642	0.994	ug/l #	55
49) 1,4-Dioxane	7.72	88	310	2.496	ug/l #	1
52) Toluene	8.78	92	5514	0.530	ug/l	92
67) Ethyl Benzene	10.25	91	1910006	99.912	ug/l	100
68) m/p-Xylenes	10.35	106	958845	130.667	ug/l	99
69) o-Xylene	10.69	106	572154	79.600	ug/l	99
70) Styrene	10.69	104	28453	2.351	ug/l #	1
73) Isopropylbenzene	11.02	105	233739	13.057	ug/l	100
76) 1,2,3-Trichloropropane	11.13	75	113940	21.780	ug/l #	35
78) n-propylbenzene	11.36	91	156799	8.123	ug/l	99
79) 2-Chlorotoluene	11.43	91	41723	3.520	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.51	105	122326	8.134	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.13	75	113973	58.208	ug/l #	11
82) 4-Chlorotoluene	11.51	91	13054	0.949	ug/l #	48
84) 1,2,4-Trimethylbenzene	11.80	105	191659	12.695	ug/l	100
85) sec-Butylbenzene	11.94	105	13474	0.780	ug/l	79
86) p-Isopropyltoluene	12.06	119	5834	0.359	ug/l	79
89) n-Butylbenzene	12.38	91	3904	0.292	ug/l #	43
90) Hexachloroethane	12.58	117	674	0.263	ug/l #	2

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QLast Update : Fri Aug 16 04:15:26 2019
Response via : Initial Calibration

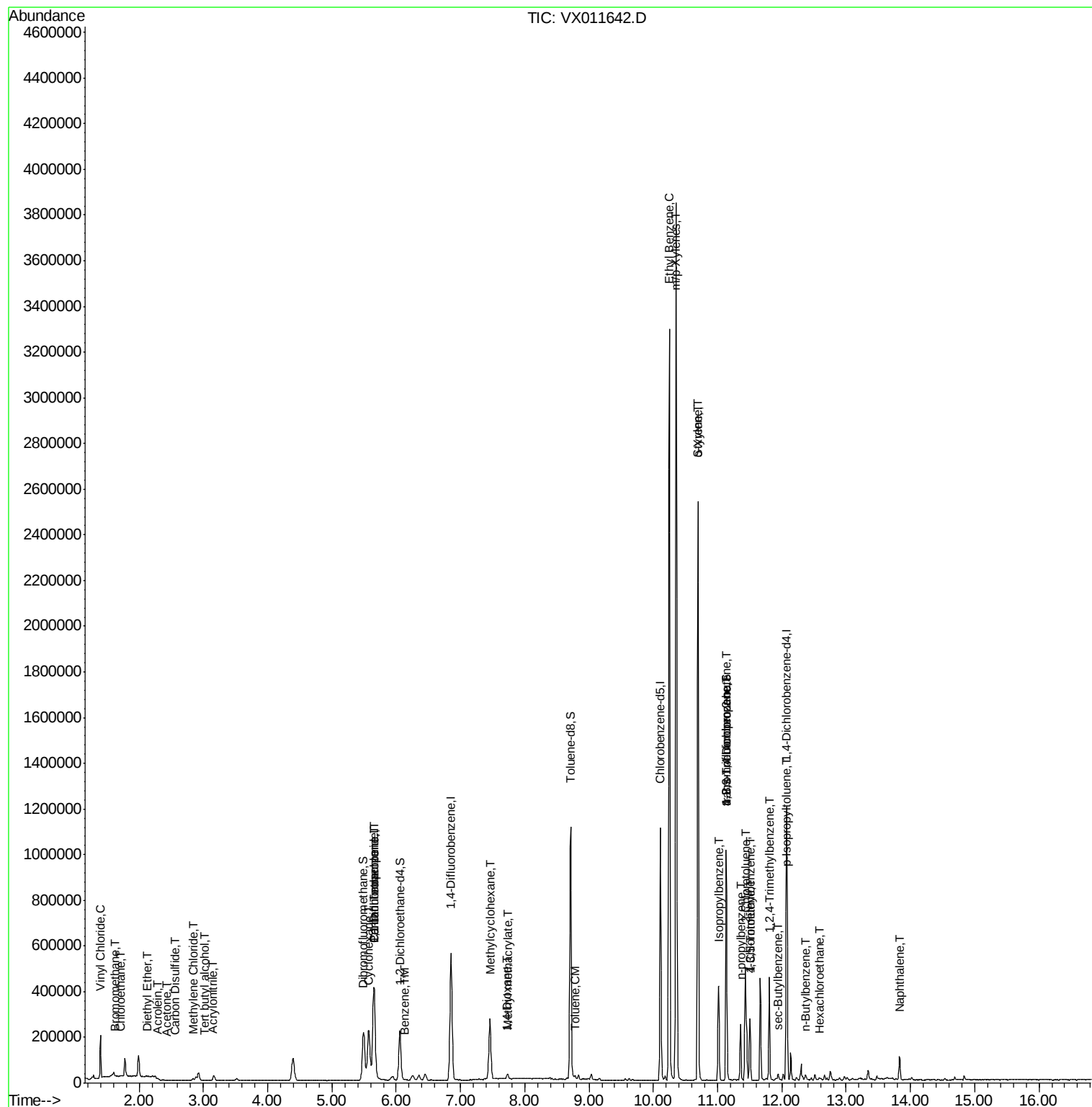
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	13.83	128	67570	3.491	ug/l	98

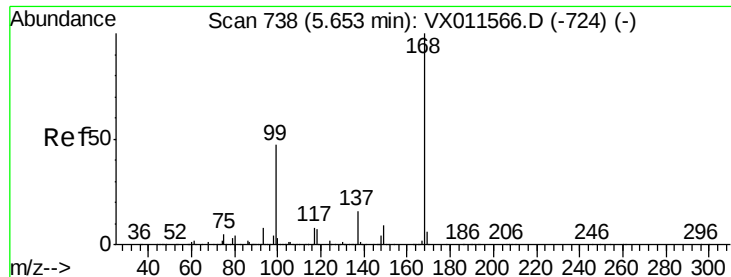
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011642.D

Acq: 19 Aug 2019 19:14

Instrument :

MSVOA_X

ClientSampled :

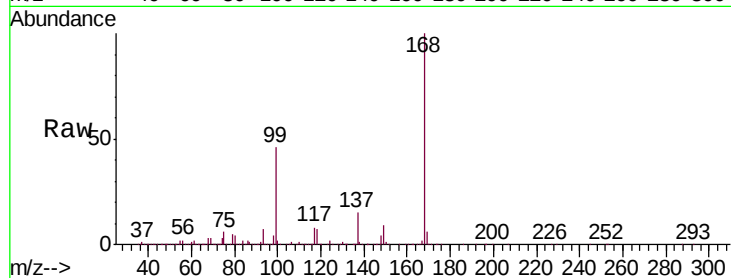
PH2-0138DL

Tgt Ion:168 Resp: 452625

Ion Ratio Lower Upper

168 100

99 46.4 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

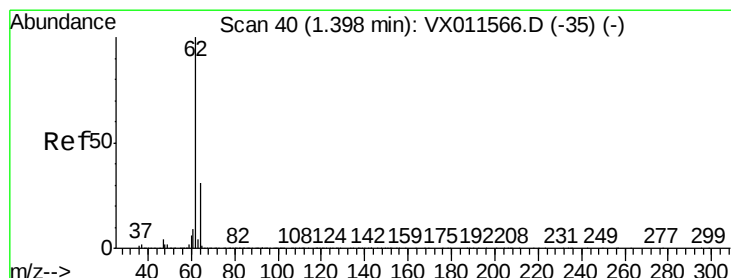
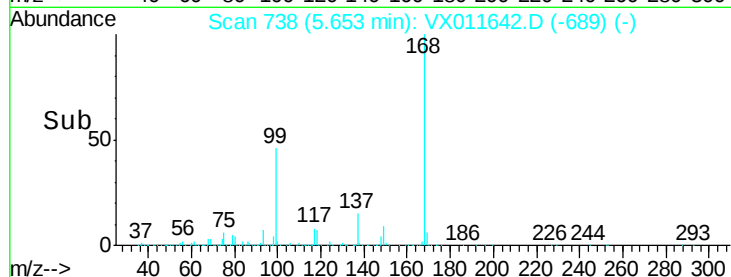
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 0.243 ug/l

RT: 1.40 min Scan# 40

Delta R.T. 0.00 min

Lab File: VX011642.D

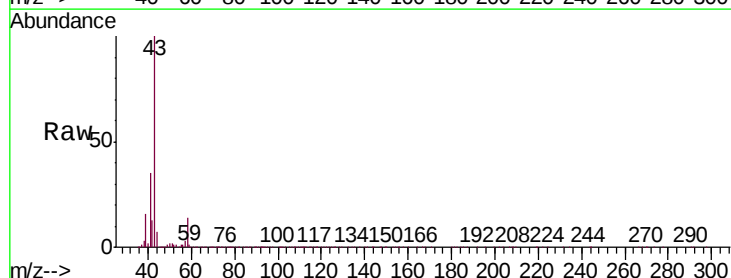
Acq: 19 Aug 2019 19:14

Tgt Ion: 62 Resp: 1016

Ion Ratio Lower Upper

62 100

64 16.4 25.0 37.4#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

800

600

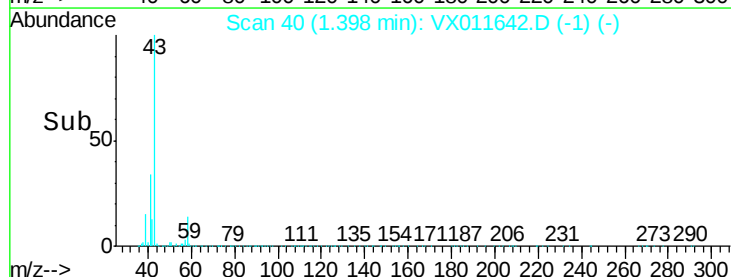
400

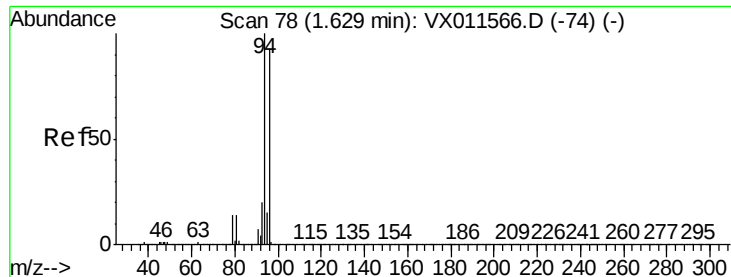
200

0

Time-->

1.35 1.40 1.45





#5

Bromomethane

Concen: 0.312 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.01 min

Lab File: VX011642.D

Acq: 19 Aug 2019 19:14

Instrument :

MSVOA_X

ClientSampled :

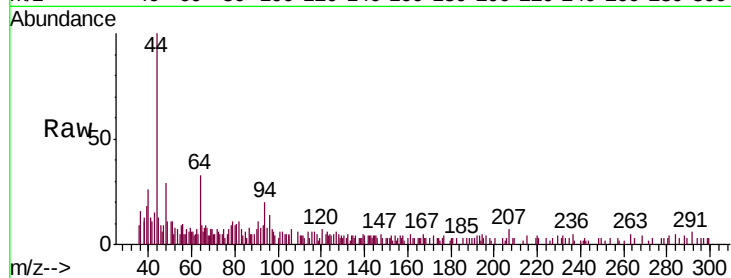
PH2-0138DL

Tgt Ion: 94 Resp: 583

Ion Ratio Lower Upper

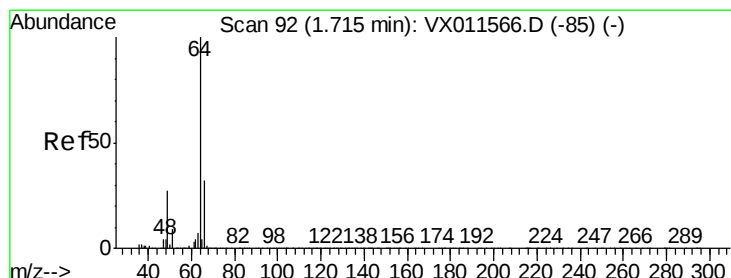
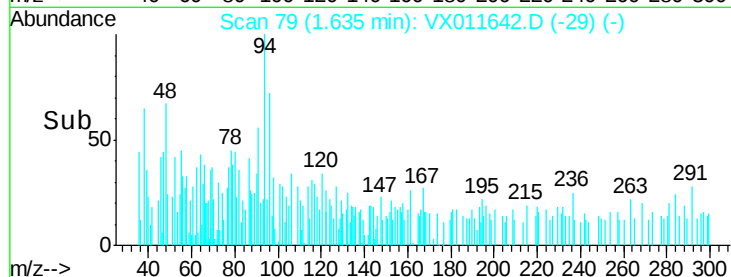
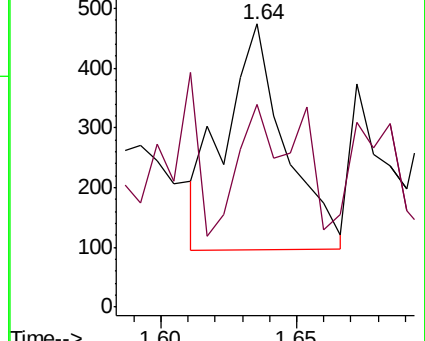
94 100

96 70.2 74.8 112.2#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 0.233 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX011642.D

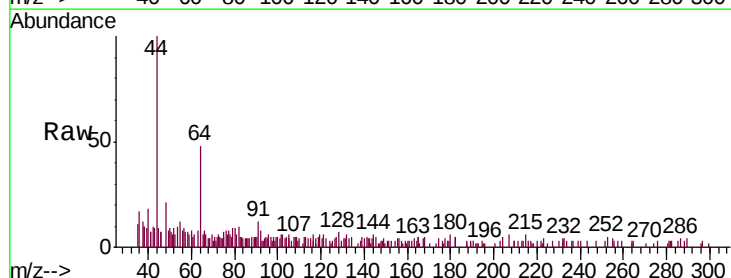
Acq: 19 Aug 2019 19:14

Tgt Ion: 64 Resp: 460

Ion Ratio Lower Upper

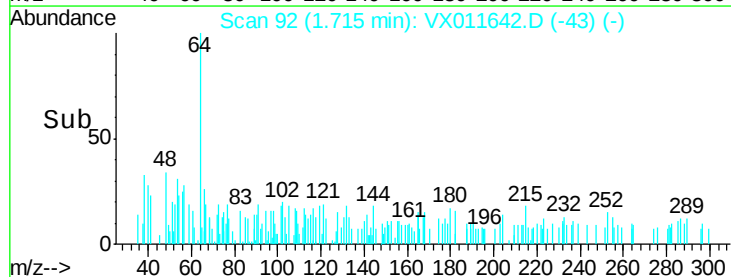
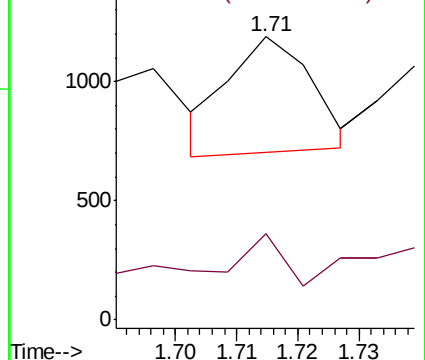
64 100

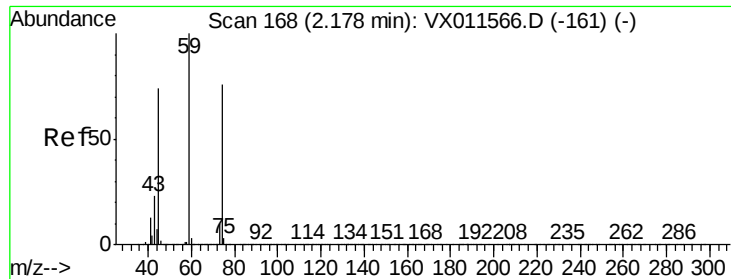
66 40.5 25.3 37.9#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

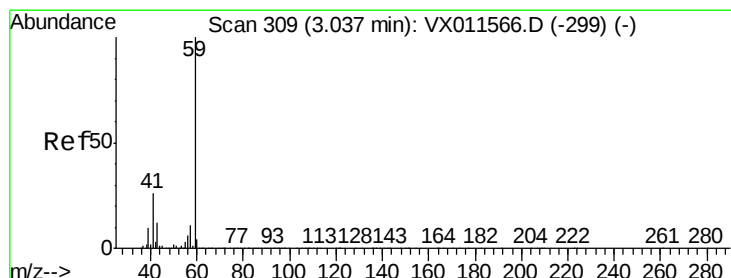
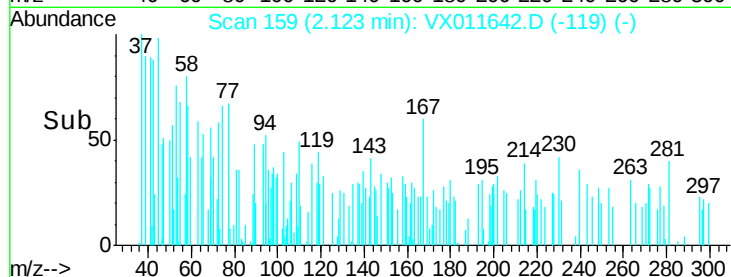
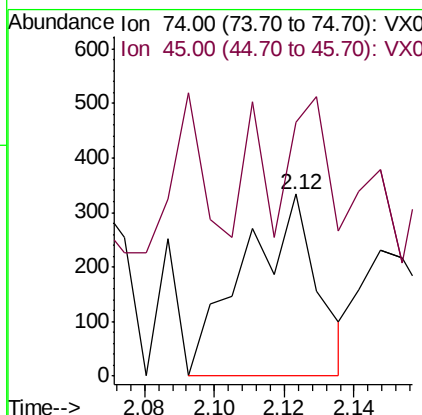
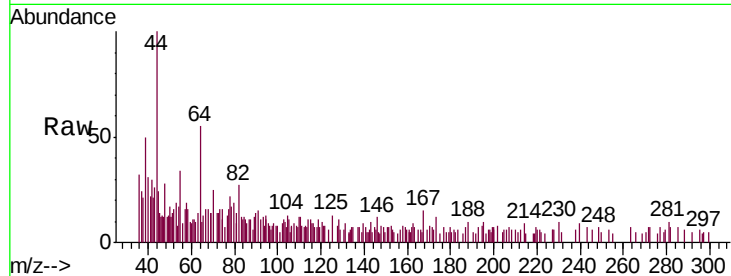




#8
Diethyl Ether
Concen: 0.244 ug/l
RT: 2.12 min Scan# 159
Delta R.T. -0.05 min
Lab File: VX011642.D
Acq: 19 Aug 2019 19:14

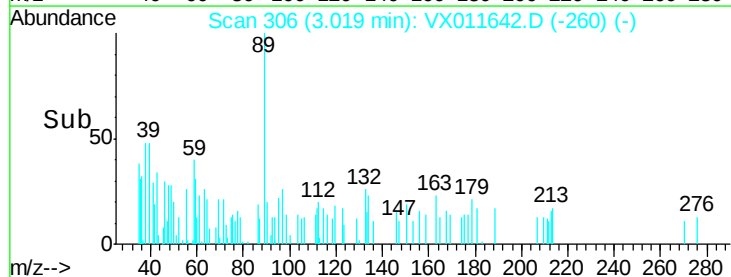
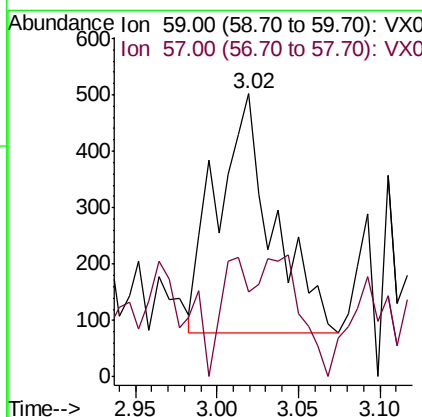
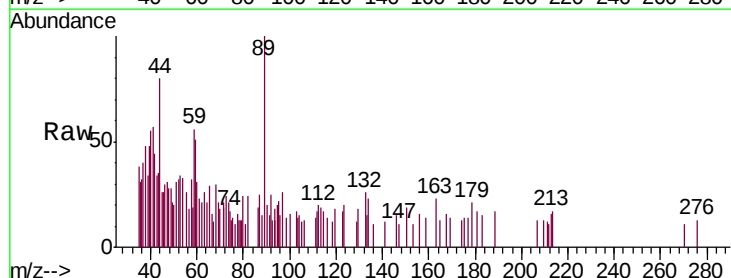
Instrument :
MSVOA_X
ClientSampleId :
PH2-0138DL

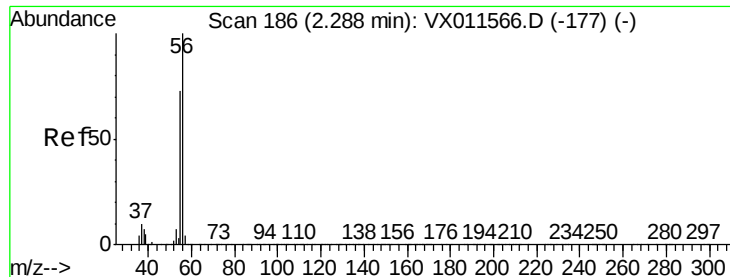
Tgt Ion: 74 Resp: 484
Ion Ratio Lower Upper
74 100
45 61.8 48.2 144.6



#11
Tert butyl alcohol
Concen: 0.977 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.02 min
Lab File: VX011642.D
Acq: 19 Aug 2019 19:14

Tgt Ion: 59 Resp: 1006
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#





#13

Acrolein

Concen: 12.949 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX011642.D

Acq: 19 Aug 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

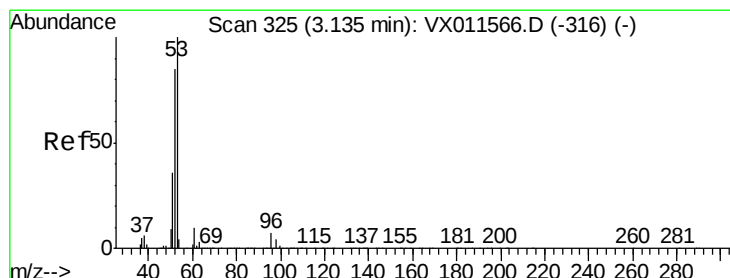
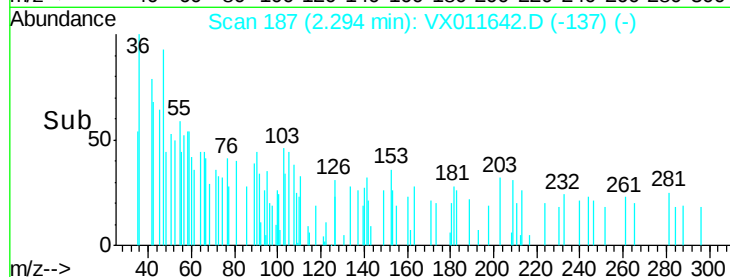
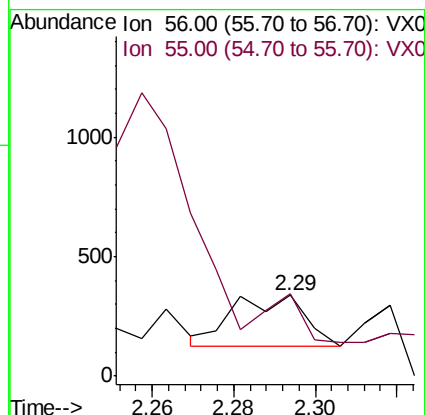
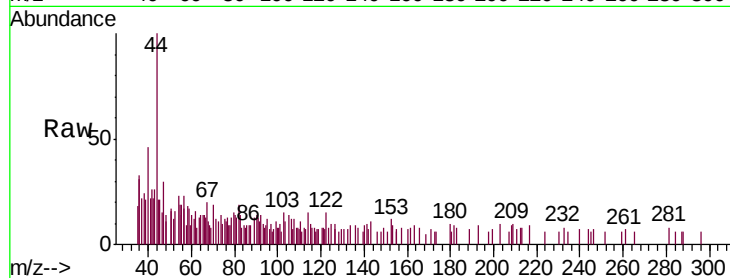
PH2-0138DL

Tgt Ion: 56 Resp: 255

Ion Ratio Lower Upper

56 100

55 0.0 55.5 83.3#



#15

Acrylonitrile

Concen: 0.301 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX011642.D

Acq: 19 Aug 2019 19:14

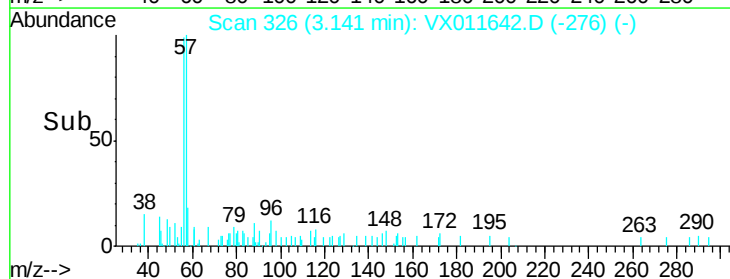
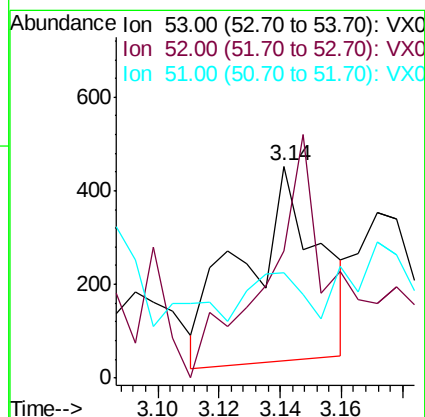
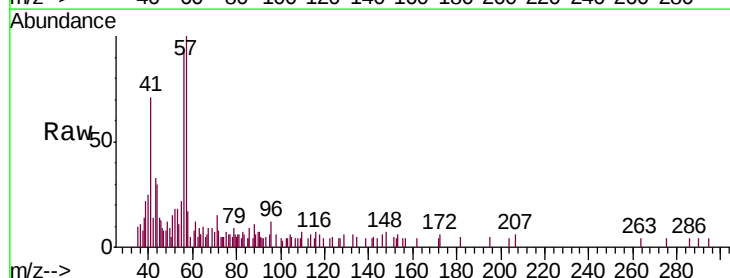
Tgt Ion: 53 Resp: 710

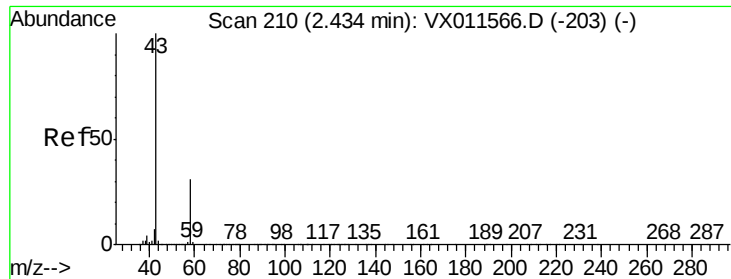
Ion Ratio Lower Upper

53 100

52 109.6 66.7 100.1#

51 16.9 28.7 43.1#





#16

Acetone

Concen: 0.587 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011642.D

Acq: 19 Aug 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

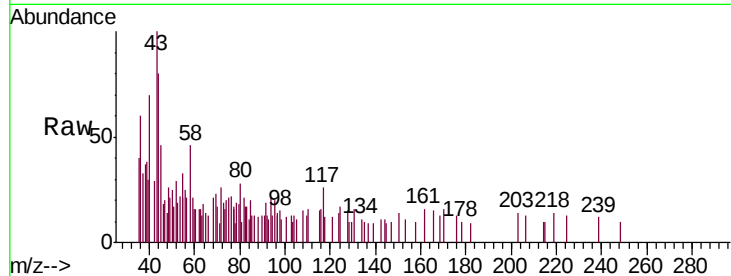
PH2-0138DL

Tgt Ion: 43 Resp: 1238

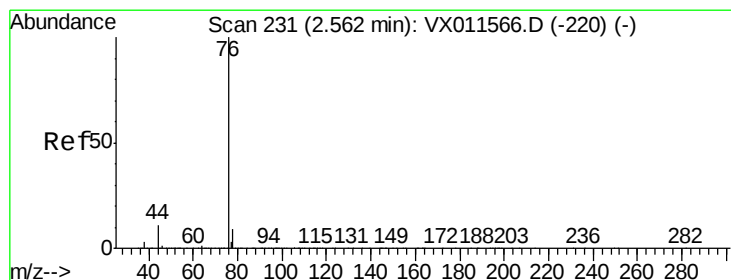
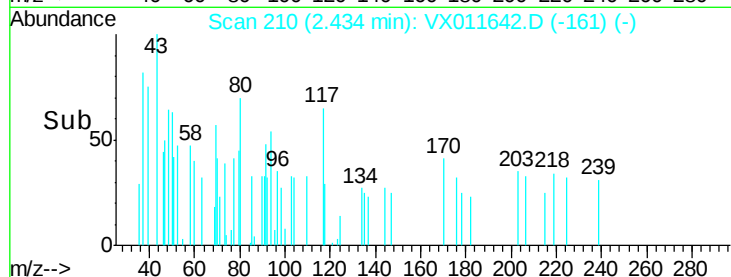
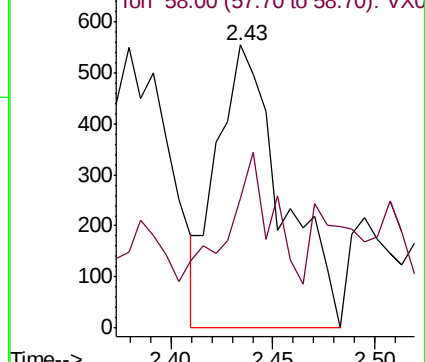
Ion Ratio Lower Upper

43 100

58 22.4 25.2 37.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0



#17

Carbon Disulfide

Concen: 0.234 ug/l

RT: 2.56 min Scan# 231

Delta R.T. 0.00 min

Lab File: VX011642.D

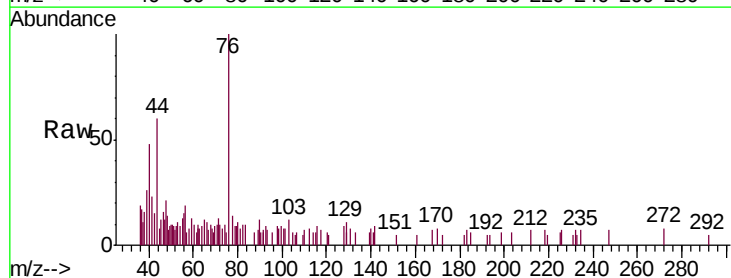
Acq: 19 Aug 2019 19:14

Tgt Ion: 76 Resp: 2131

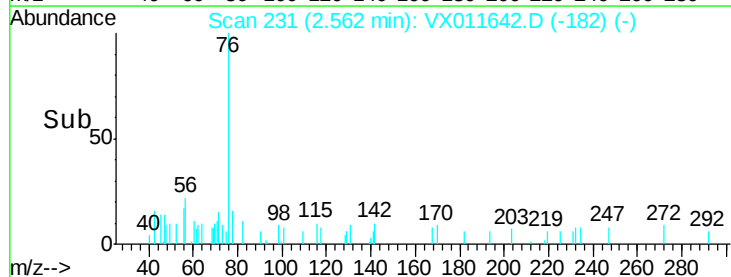
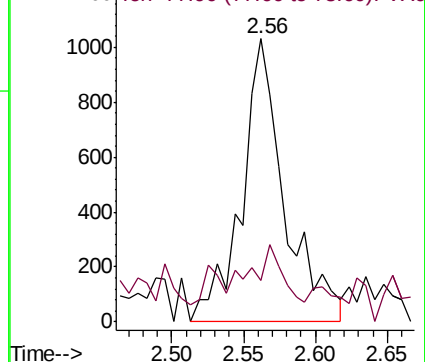
Ion Ratio Lower Upper

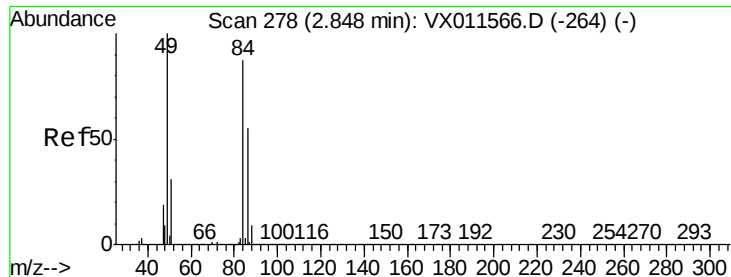
76 100

78 8.4 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0





#20

Methylene Chloride

Concen: 0.223 ug/l

RT: 2.85 min Scan# 278

Delta R.T. 0.00 min

Lab File: VX011642.D

Acq: 19 Aug 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

PH2-0138DL

Tgt Ion: 84 Resp: 989

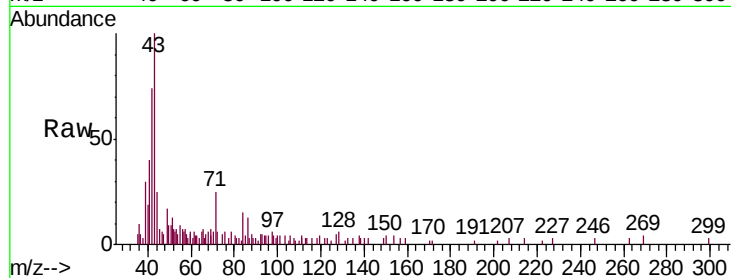
Ion Ratio Lower Upper

84 100

49 86.7 92.4 138.6#

51 120.0 28.5 42.7#

86 29.7 51.0 76.6#

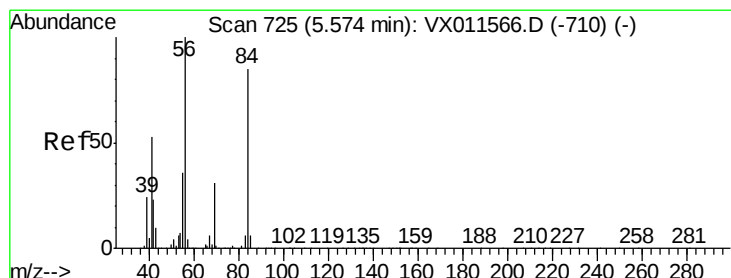
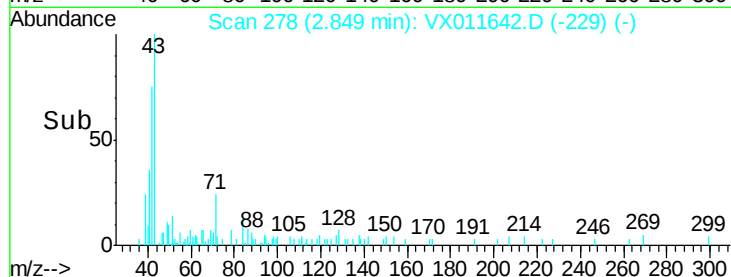
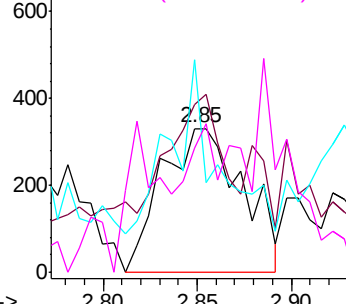


Abundance Ion 83.90 (83.60 to 84.60): VX0

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



#31

Cyclohexane

Concen: 25.150 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX011642.D

Acq: 19 Aug 2019 19:14

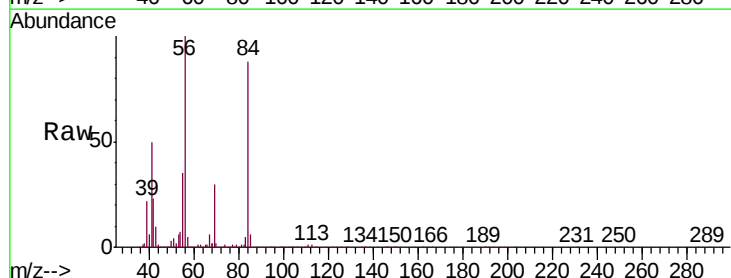
Tgt Ion: 56 Resp: 156531

Ion Ratio Lower Upper

56 100

69 29.8 24.8 37.2

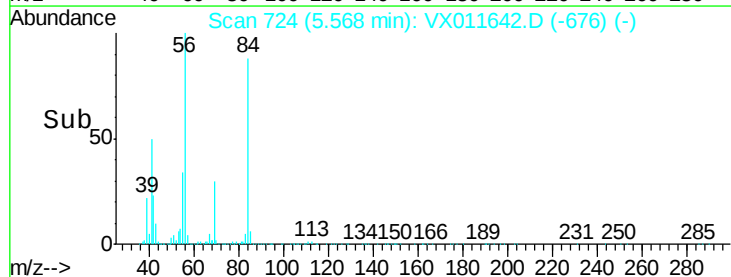
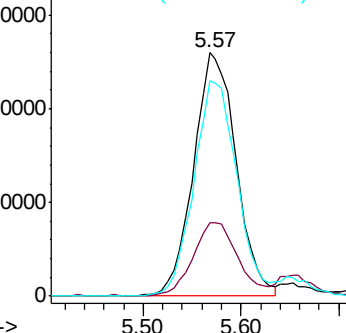
84 88.2 67.9 101.9

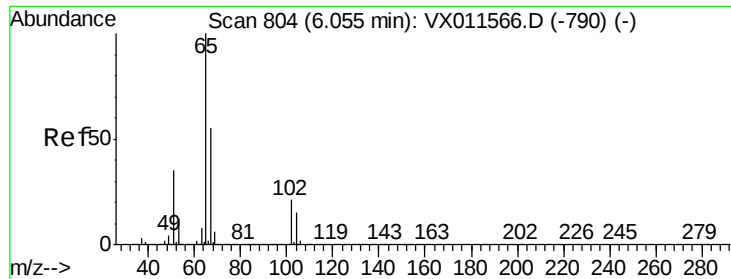


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 49.540 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011642.D

Acq: 19 Aug 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

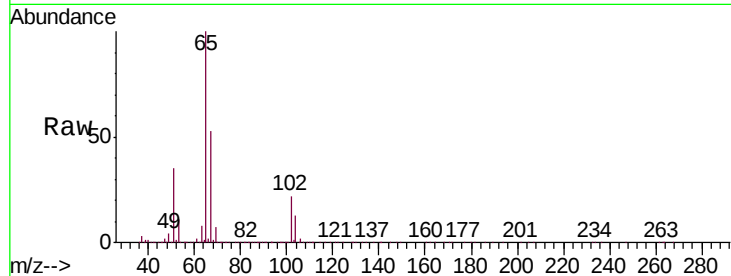
PH2-0138DL

Tgt Ion: 65 Resp: 207943

Ion Ratio Lower Upper

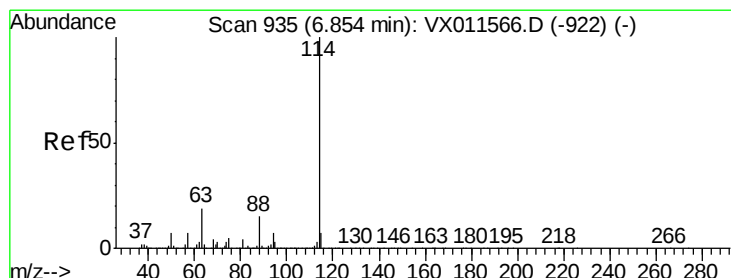
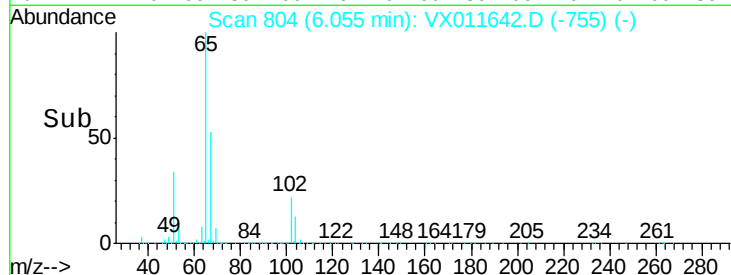
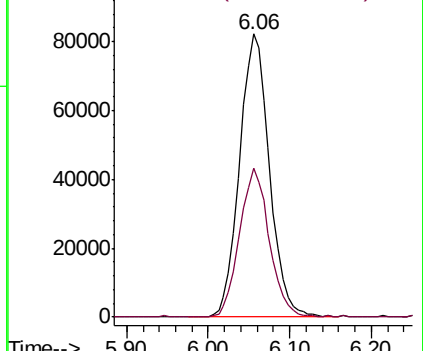
65 100

67 52.1 0.0 107.6



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: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011642.D

Acq: 19 Aug 2019 19:14

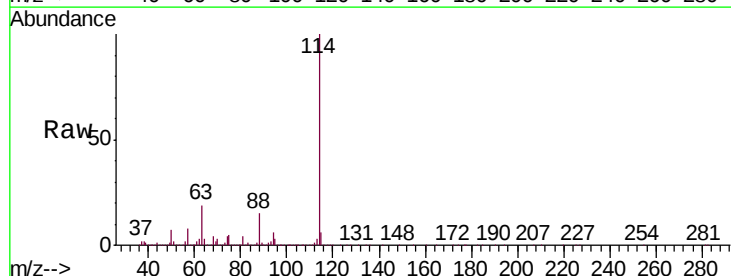
Tgt Ion: 114 Resp: 614515

Ion Ratio Lower Upper

114 100

63 18.7 0.0 37.8

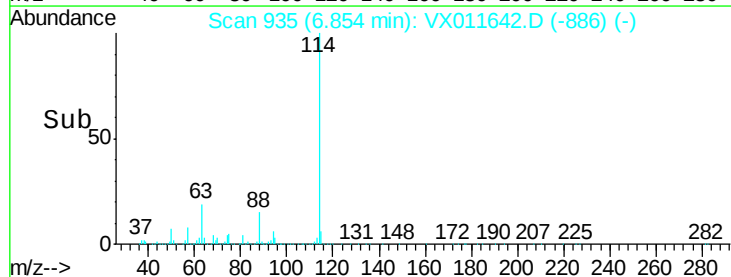
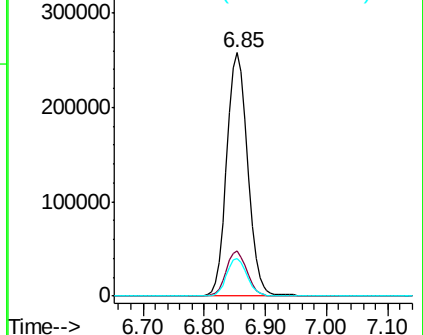
88 15.2 0.0 30.2

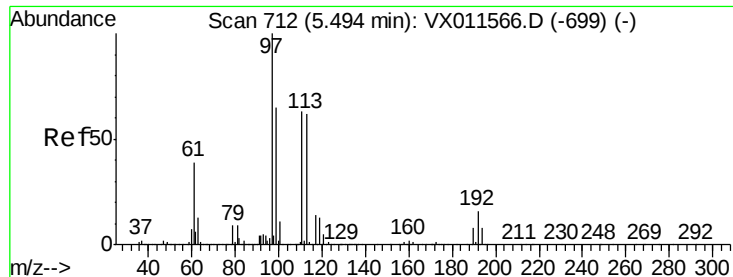


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

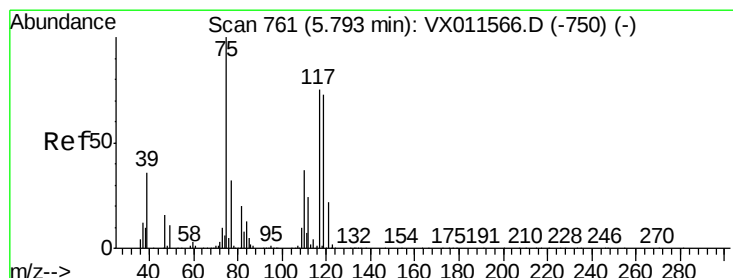
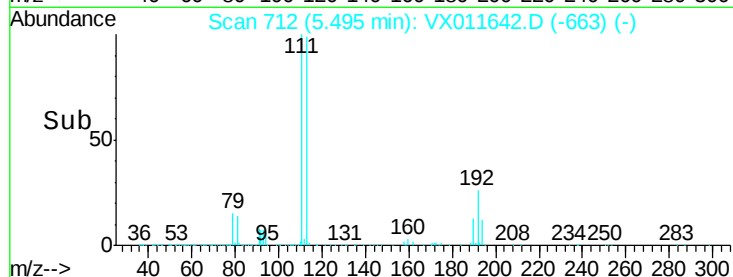
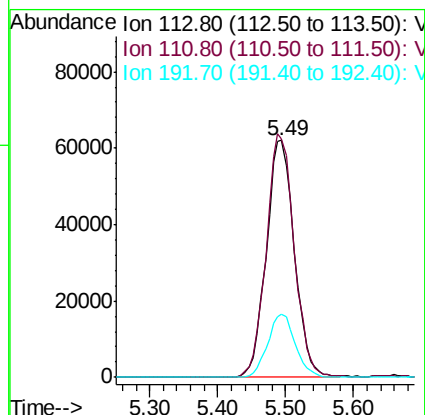
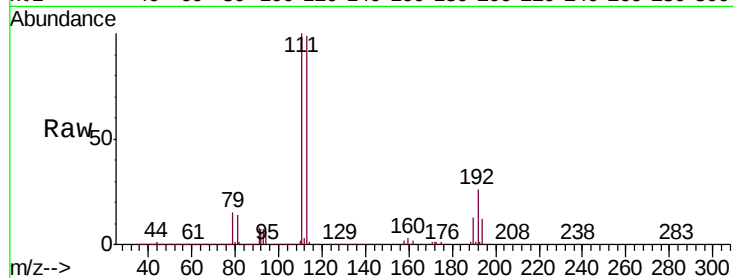




#35
 Dibromofluoromethane
 Concen: 44.459 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX011642.D
 Acq: 19 Aug 2019 19:14

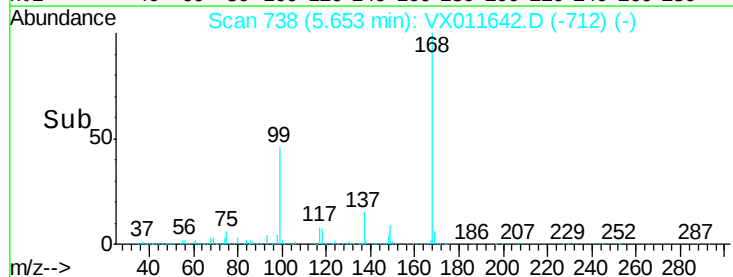
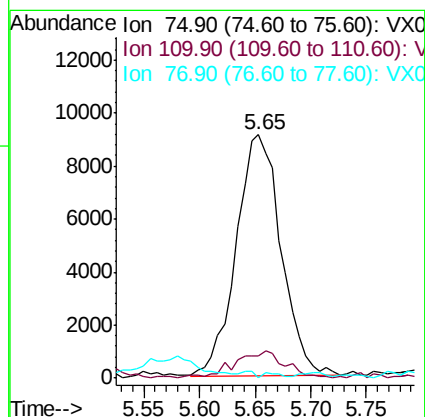
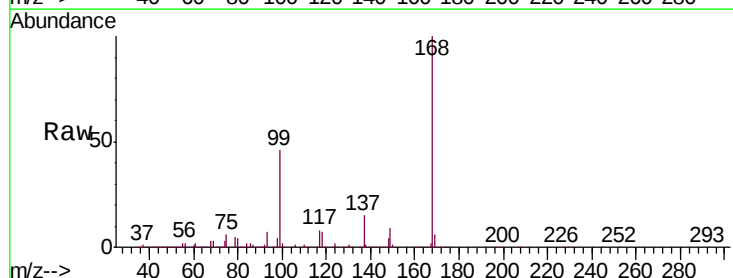
Instrument :
 MSVOA_X
 ClientSampleId :
 PH2-0138DL

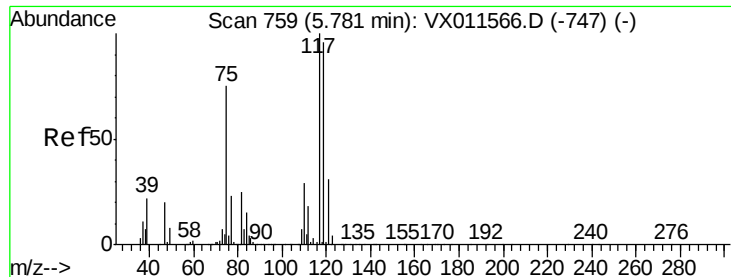
Tgt Ion:113 Resp: 178693
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.1 121.7
 192 26.2 20.8 31.2



#36
 1,1-Dichloropropene
 Concen: 4.876 ug/l
 RT: 5.65 min Scan# 738
 Delta R.T. -0.14 min
 Lab File: VX011642.D
 Acq: 19 Aug 2019 19:14

Tgt Ion: 75 Resp: 25619
 Ion Ratio Lower Upper
 75 100
 110 12.7 19.4 58.1#
 77 0.9 25.1 37.7#





#38

Carbon Tetrachloride

Concen: 6.566 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX011642.D

Acq: 19 Aug 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

PH2-0138DL

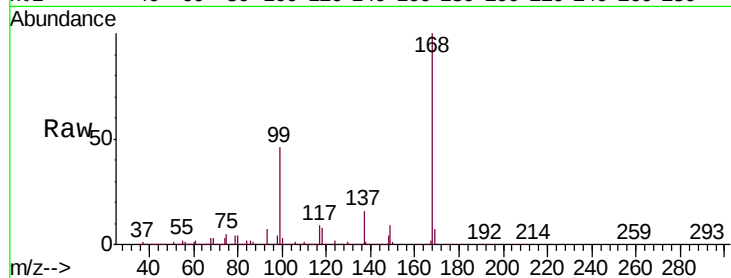
Tgt Ion:117 Resp: 38008

Ion Ratio Lower Upper

117 100

119 2.9 76.9 115.3#

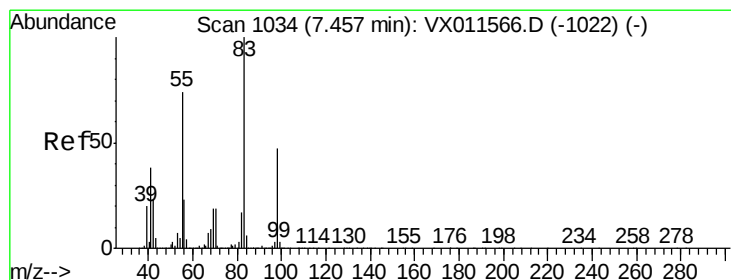
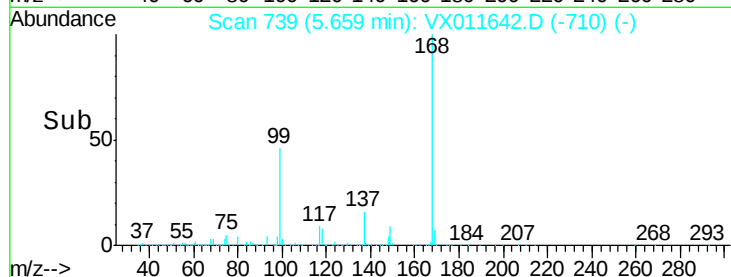
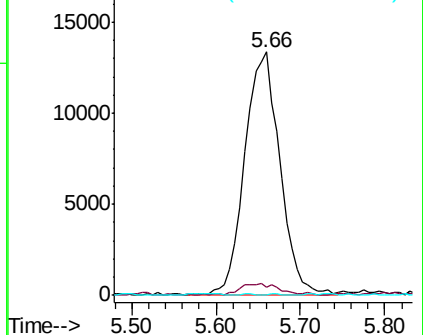
121 0.0 24.8 37.2#



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

Methylcyclohexane

Concen: 18.585 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VX011642.D

Acq: 19 Aug 2019 19:14

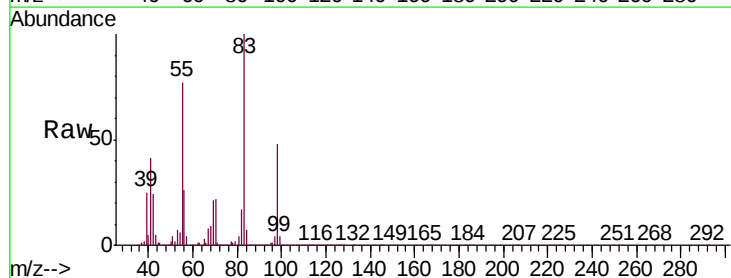
Tgt Ion: 83 Resp: 120589

Ion Ratio Lower Upper

83 100

55 76.5 58.8 88.2

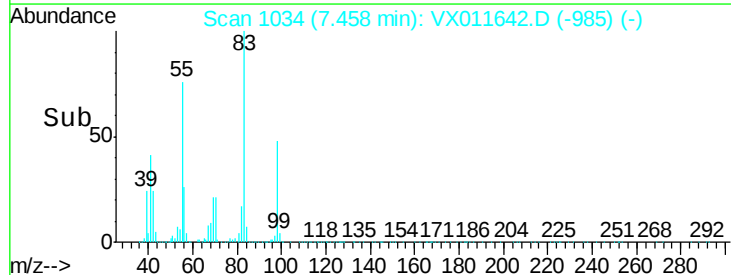
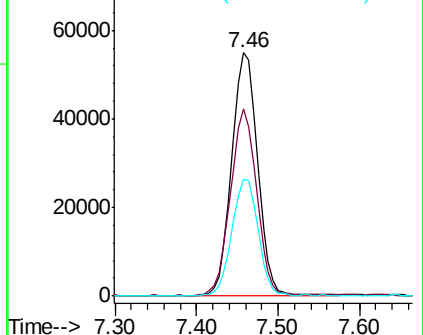
98 47.7 37.8 56.6

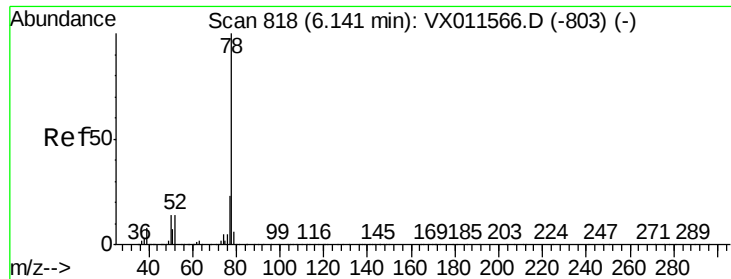


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 0.283 ug/l

RT: 6.14 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX011642.D

Acq: 19 Aug 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

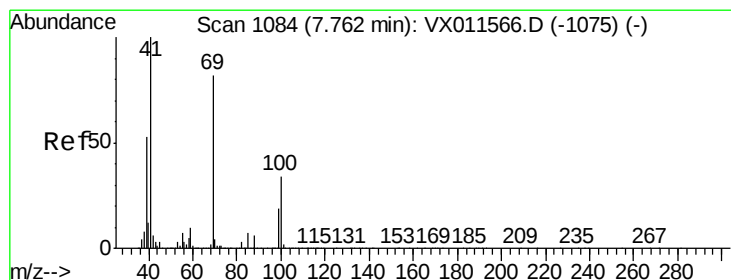
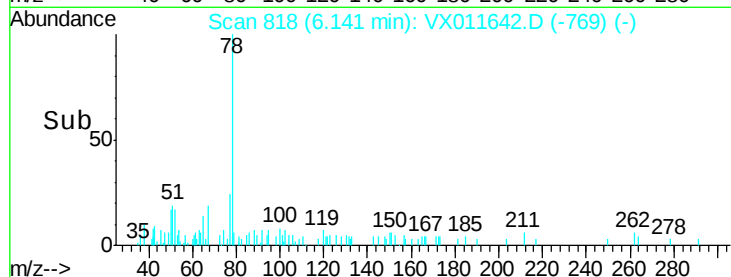
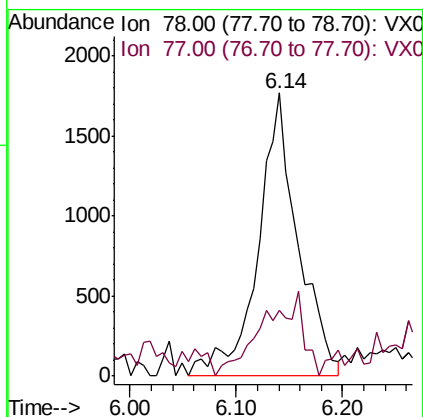
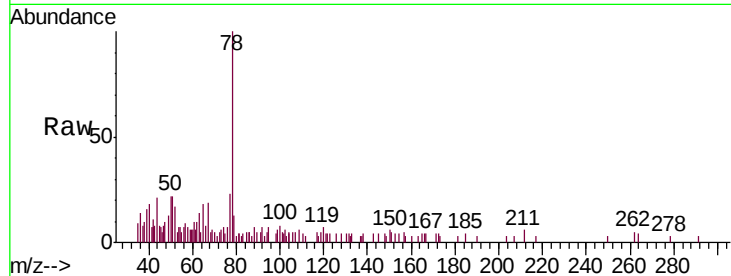
PH2-0138DL

Tgt Ion: 78 Resp: 4623

Ion Ratio Lower Upper

78 100

77 17.8 18.6 28.0#



#48

Methyl methacrylate

Concen: 0.994 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.03 min

Lab File: VX011642.D

Acq: 19 Aug 2019 19:14

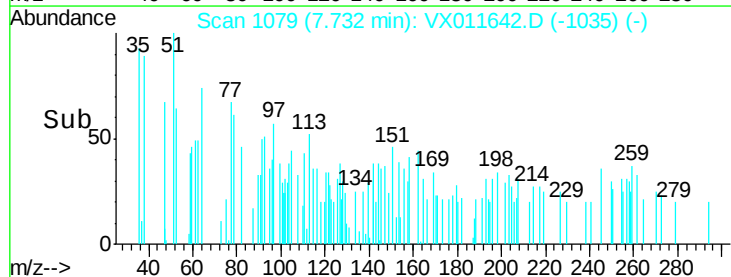
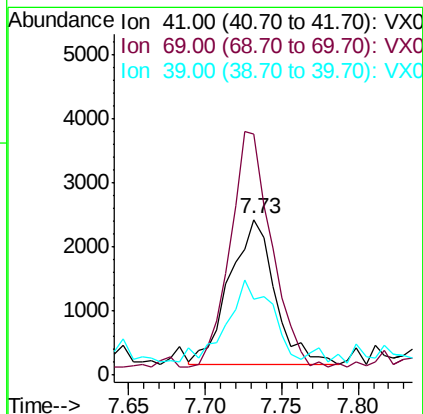
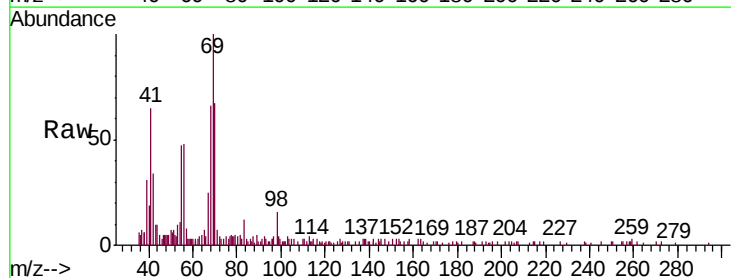
Tgt Ion: 41 Resp: 4642

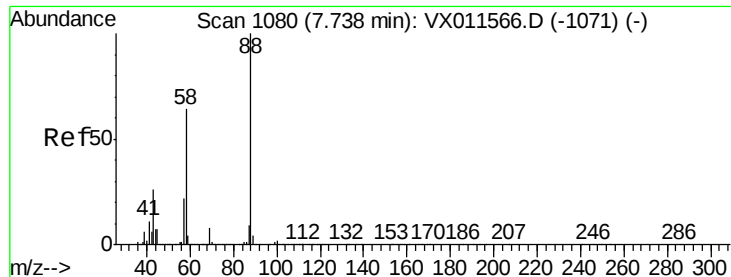
Ion Ratio Lower Upper

41 100

69 148.4 67.9 101.9#

39 55.3 41.6 62.4





#49

1,4-Dioxane

Concen: 2.496 ug/l

RT: 7.72 min Scan# 1077

Delta R.T. -0.02 min

Lab File: VX011642.D

Acq: 19 Aug 2019 19:14

Instrument :

MSVOA_X

ClientSampled :

PH2-0138DL

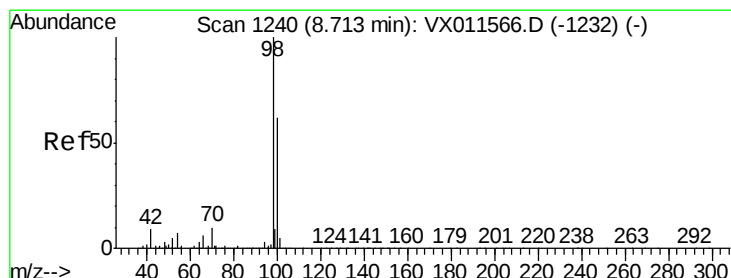
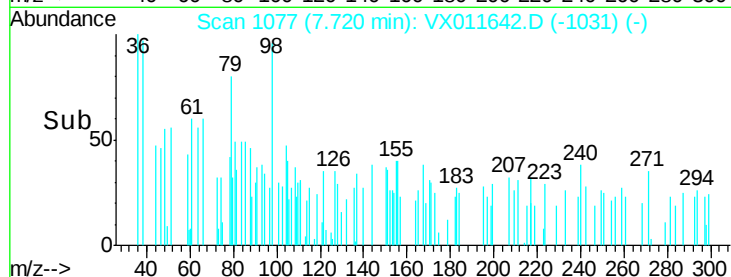
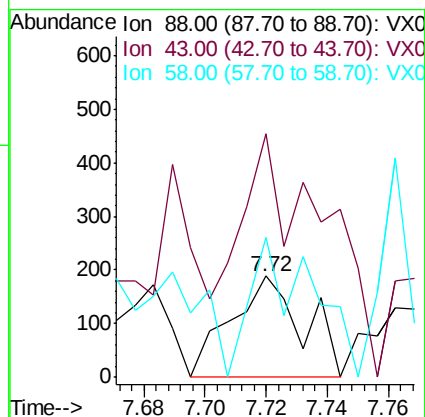
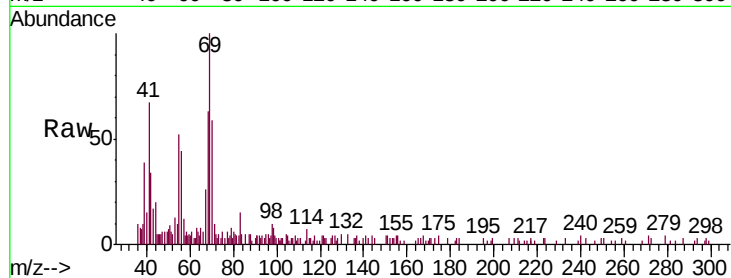
Tgt Ion: 88 Resp: 310

Ion Ratio Lower Upper

88 100

43 283.2 23.4 35.0#

58 117.7 54.3 81.5#



#50

Toluene-d8

Concen: 54.485 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011642.D

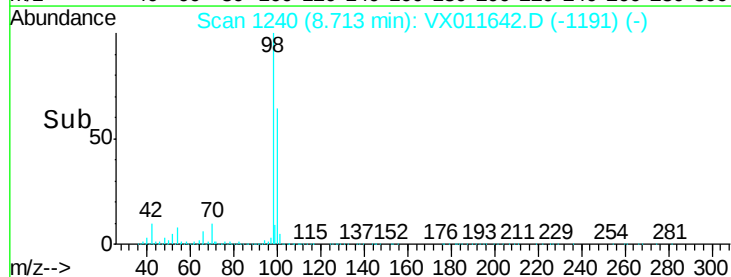
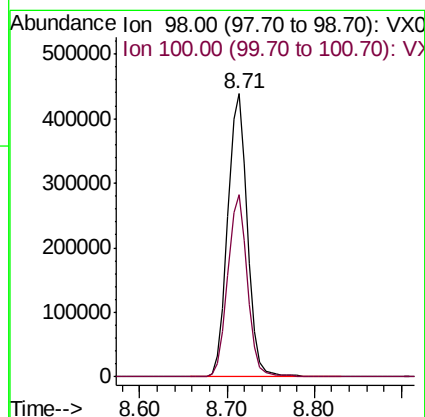
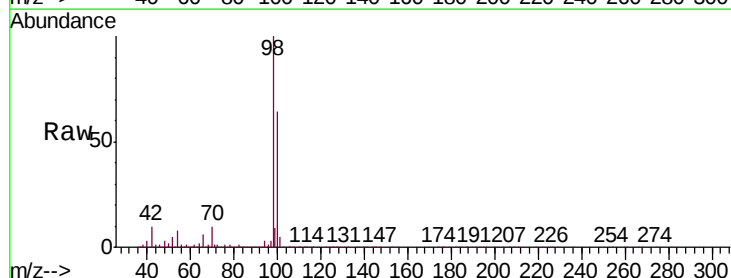
Acq: 19 Aug 2019 19:14

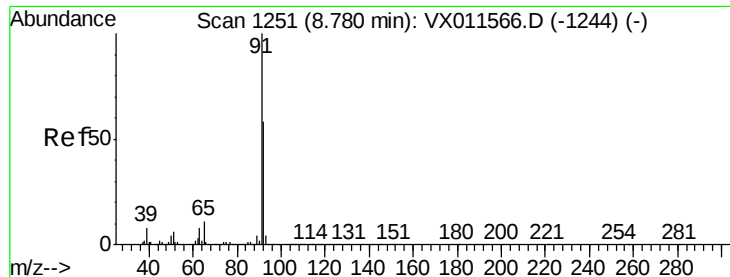
Tgt Ion: 98 Resp: 682352

Ion Ratio Lower Upper

98 100

100 64.3 52.4 78.6





#52

Toluene

Concen: 0.530 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX011642.D

Acq: 19 Aug 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

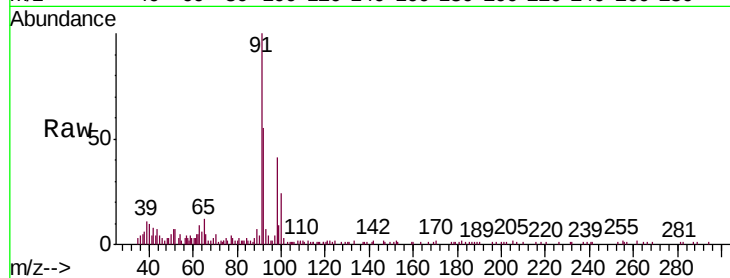
PH2-0138DL

Tgt Ion: 92 Resp: 5514

Ion Ratio Lower Upper

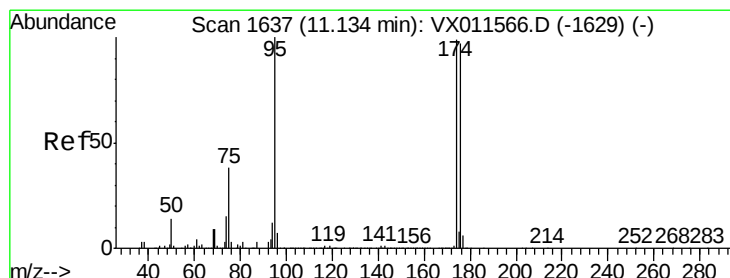
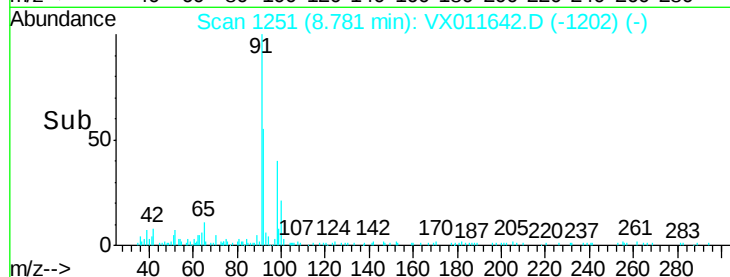
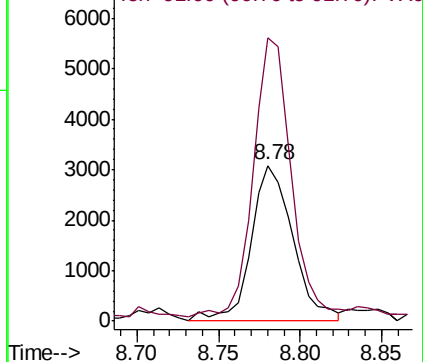
92 100

91 161.8 138.0 207.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 46.872 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011642.D

Acq: 19 Aug 2019 19:14

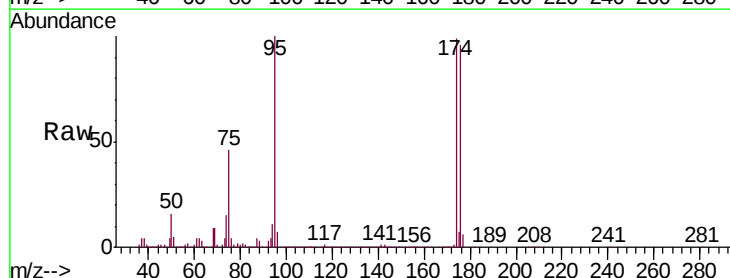
Tgt Ion: 95 Resp: 247766

Ion Ratio Lower Upper

95 100

174 99.5 0.0 200.6

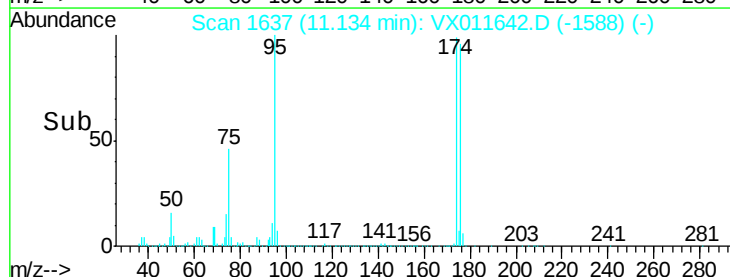
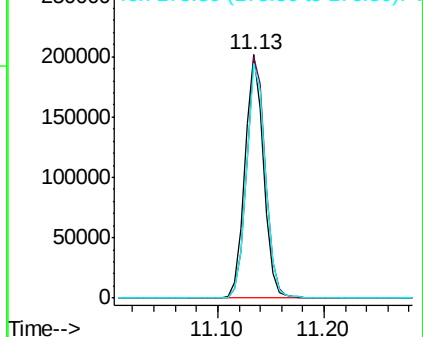
176 98.0 0.0 196.6

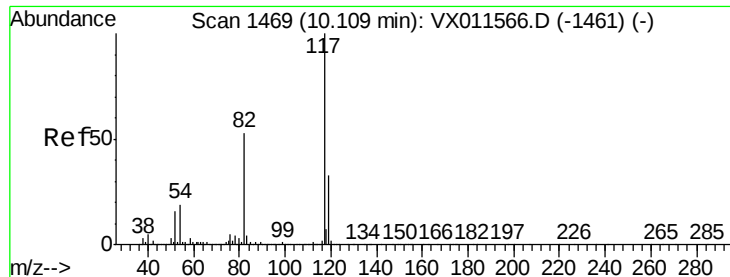


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

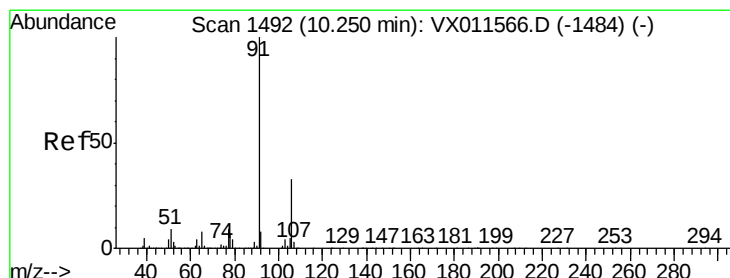
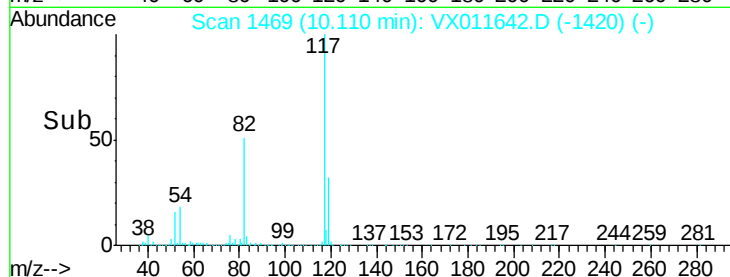
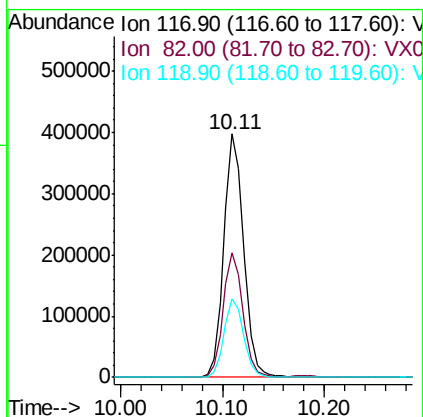
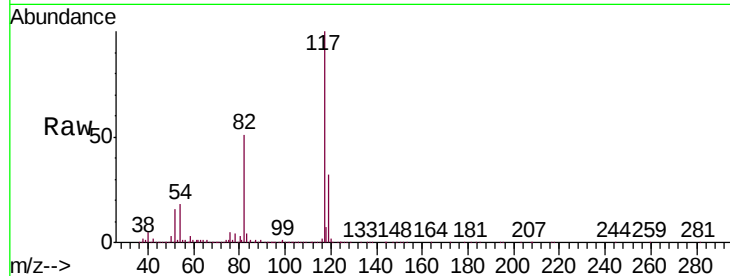




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011642.D
Acq: 19 Aug 2019 19:14

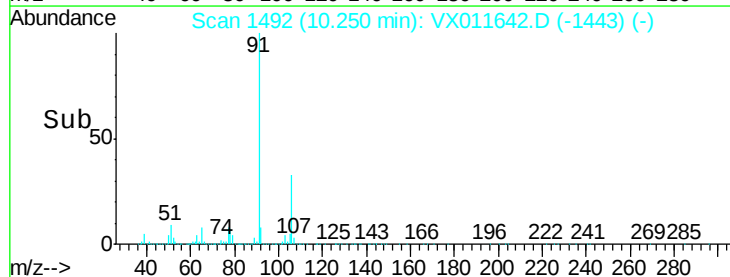
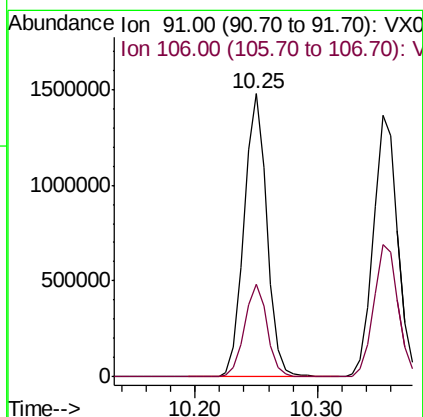
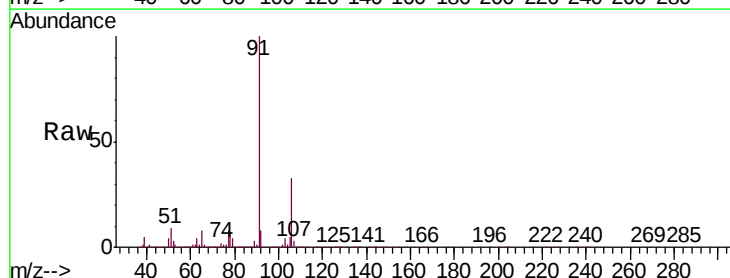
Instrument :
MSVOA_X
ClientSampled :
PH2-0138DL

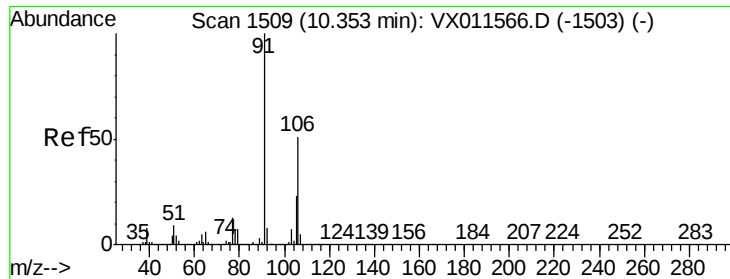
Tgt Ion: 117 Resp: 537050
Ion Ratio Lower Upper
117 100
82 51.3 42.0 63.0
119 32.0 26.5 39.7



#67
Ethyl Benzene
Concen: 99.912 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011642.D
Acq: 19 Aug 2019 19:14

Tgt Ion: 91 Resp: 1910006
Ion Ratio Lower Upper
91 100
106 32.7 26.0 39.0

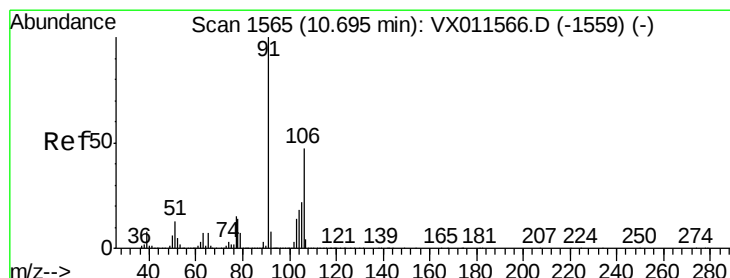
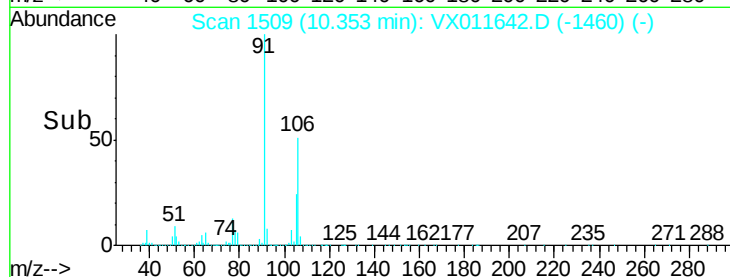
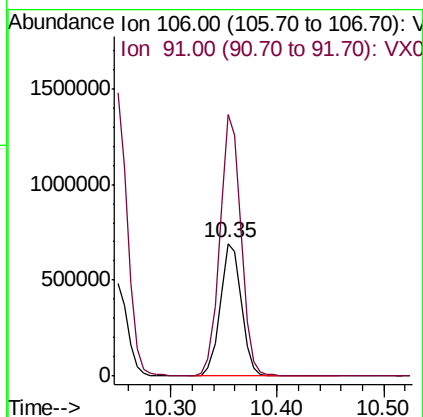
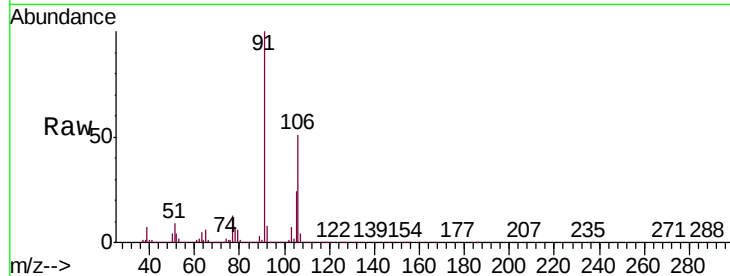




#68
m/p-Xylenes
Concen: 130.667 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. 0.00 min
Lab File: VX011642.D
Acq: 19 Aug 2019 19:14

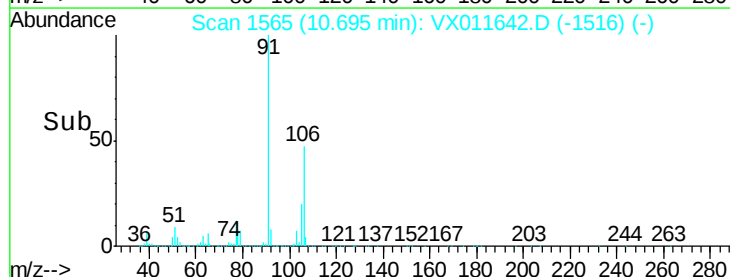
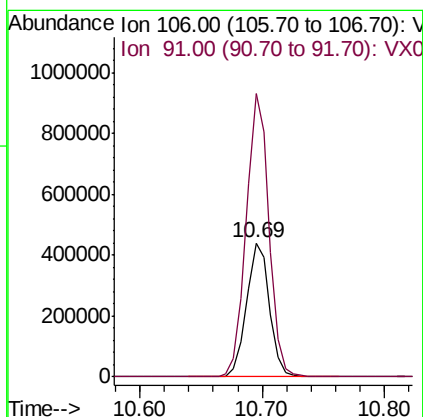
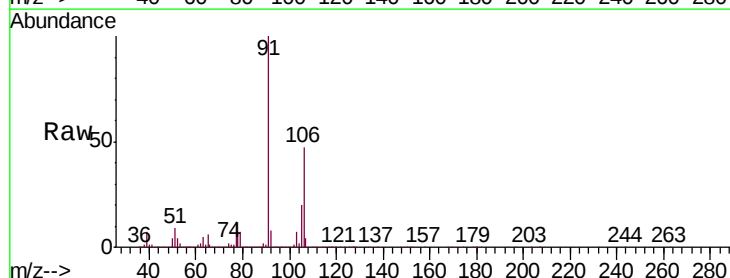
Instrument :
MSVOA_X
ClientSampled :
PH2-0138DL

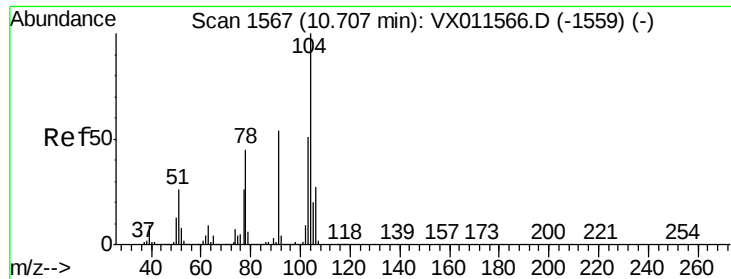
Tgt Ion:106 Resp: 958845
Ion Ratio Lower Upper
106 100
91 196.6 156.0 234.0



#69
o-Xylene
Concen: 79.600 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011642.D
Acq: 19 Aug 2019 19:14

Tgt Ion:106 Resp: 572154
Ion Ratio Lower Upper
106 100
91 209.4 105.5 316.4





#70

Styrene

Concen: 2.351 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.01 min

Lab File: VX011642.D

Acq: 19 Aug 2019 19:14

Instrument :

MSVOA_X

ClientSampled :

PH2-0138DL

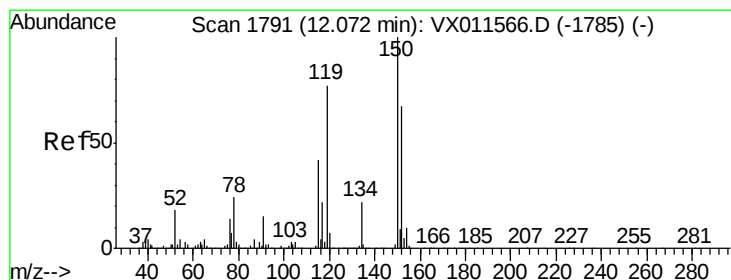
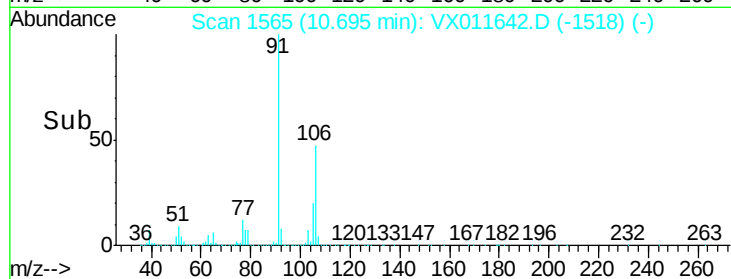
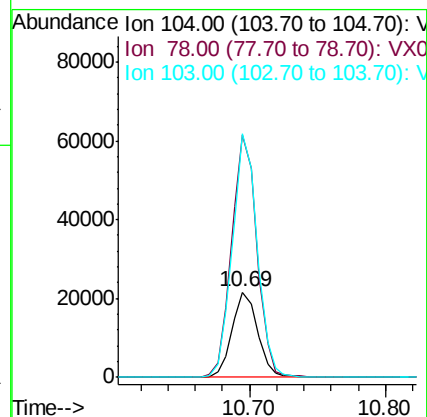
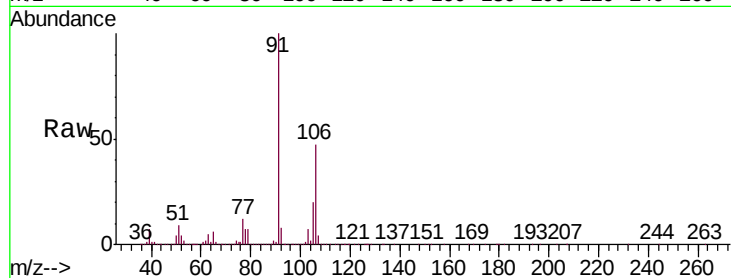
Tgt Ion:104 Resp: 28453

Ion Ratio Lower Upper

104 100

78 278.4 38.2 57.4#

103 278.3 43.6 65.4#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.01 min

Lab File: VX011642.D

Acq: 19 Aug 2019 19:14

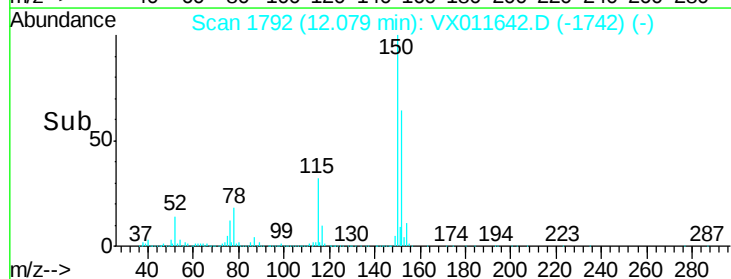
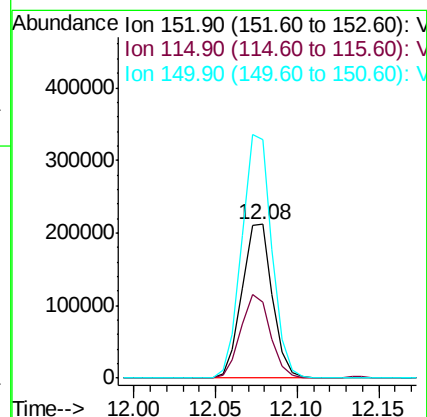
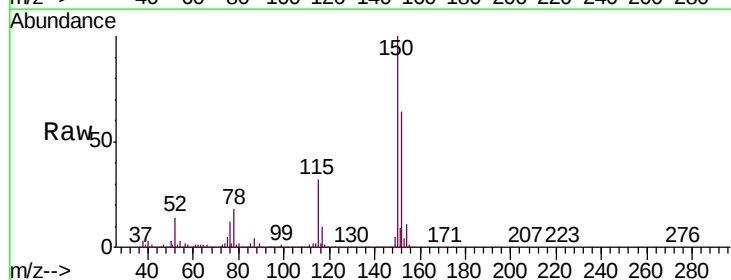
Tgt Ion:152 Resp: 275888

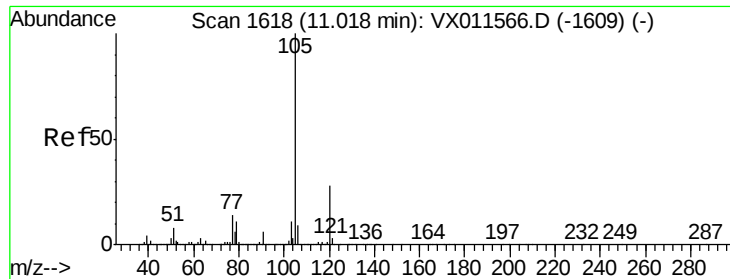
Ion Ratio Lower Upper

152 100

115 53.0 37.3 111.9

150 156.3 0.0 346.2





#73

Isopropylbenzene

Concen: 13.057 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011642.D

Acq: 19 Aug 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

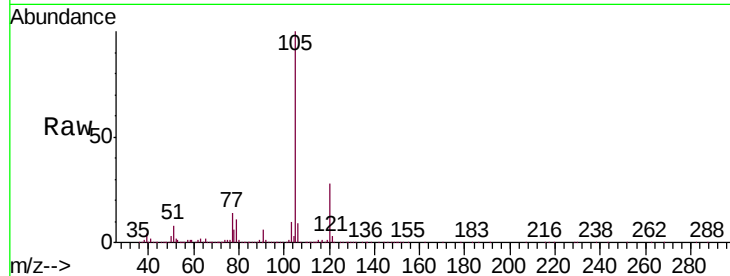
PH2-0138DL

Tgt Ion: 105 Resp: 233739

Ion Ratio Lower Upper

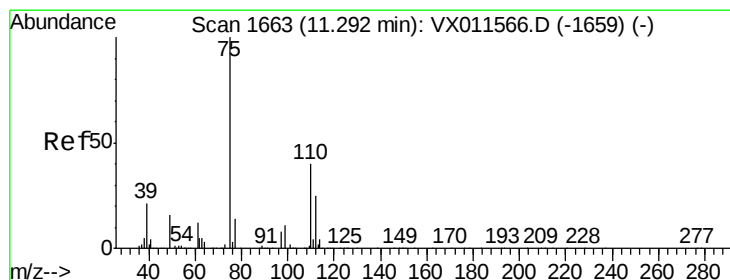
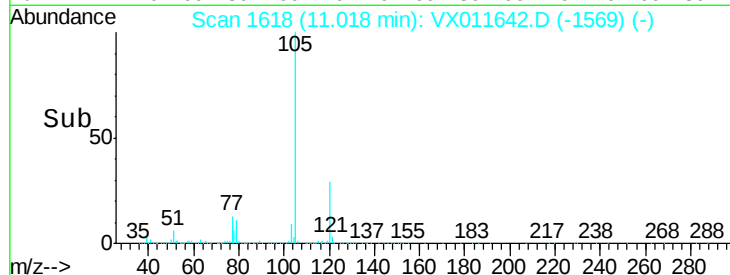
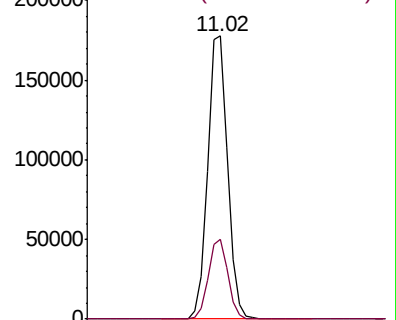
105 100

120 27.7 14.0 41.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 21.780 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX011642.D

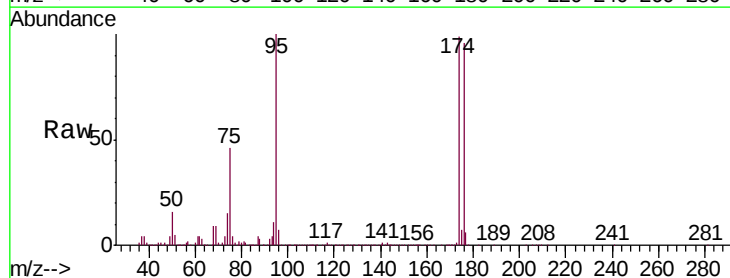
Acq: 19 Aug 2019 19:14

Tgt Ion: 75 Resp: 113940

Ion Ratio Lower Upper

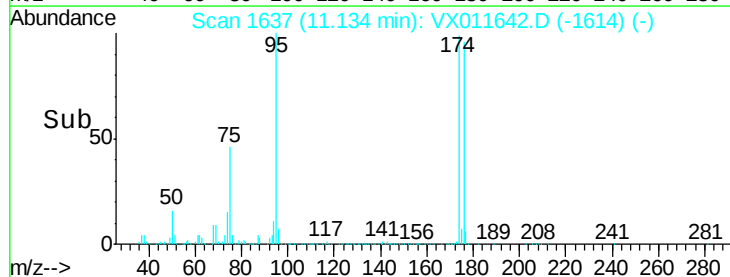
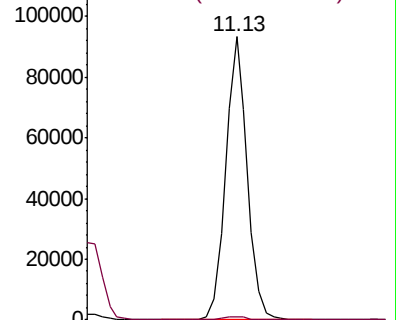
75 100

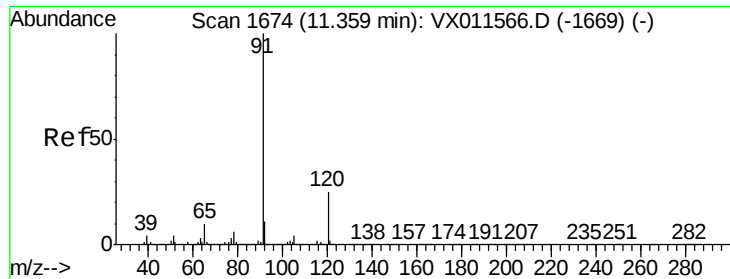
77 1.1 20.9 62.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 8.123 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011642.D

Acq: 19 Aug 2019 19:14

Instrument :

MSVOA_X

ClientSampled :

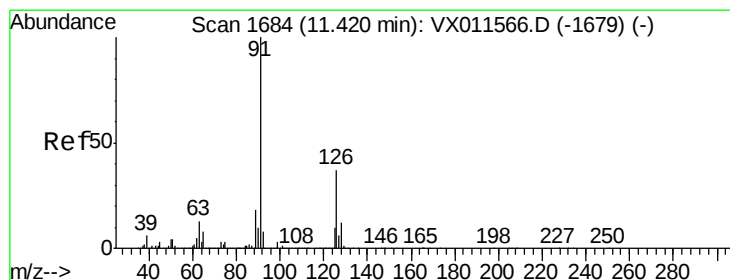
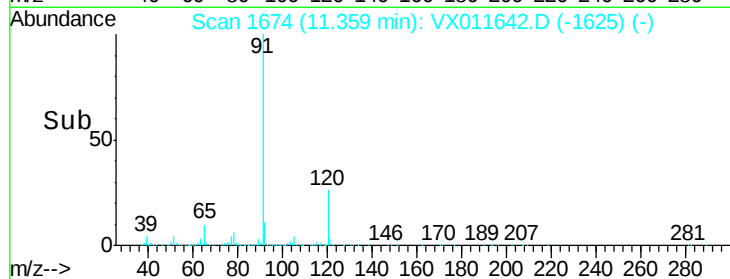
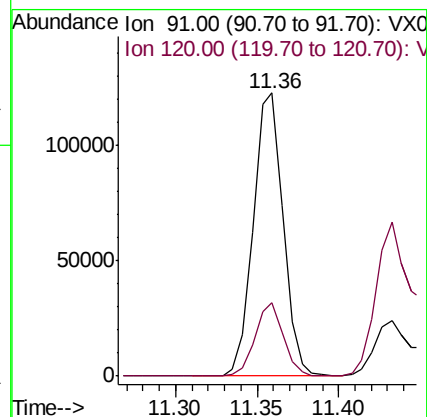
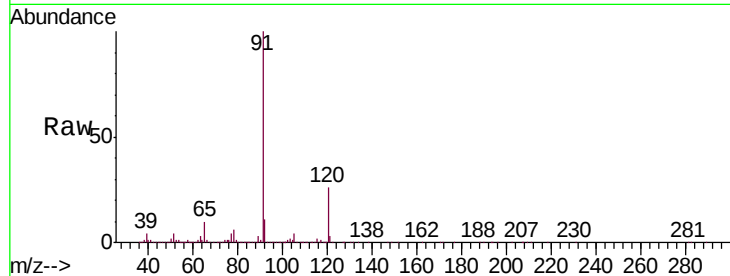
PH2-0138DL

Tgt Ion: 91 Resp: 156799

Ion Ratio Lower Upper

91 100

120 24.7 12.6 37.6



#79

2-Chlorotoluene

Concen: 3.520 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX011642.D

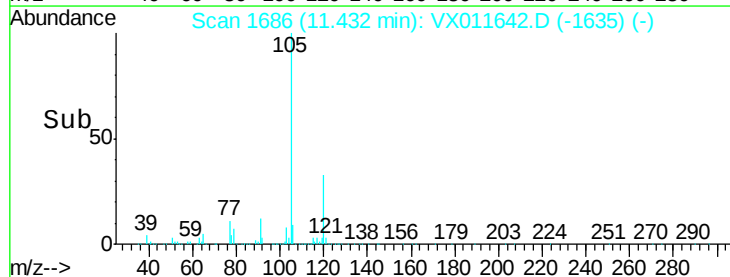
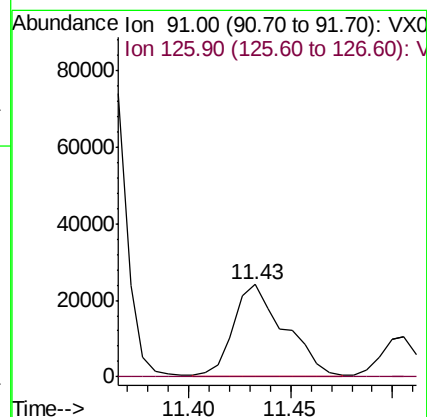
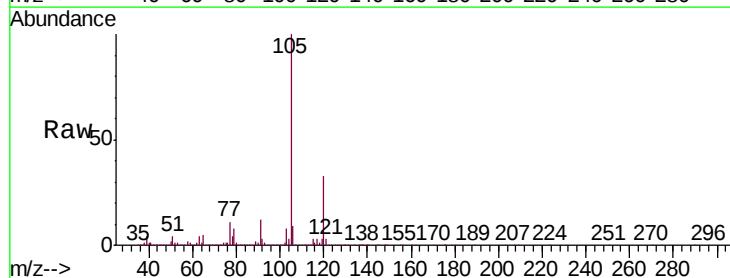
Acq: 19 Aug 2019 19:14

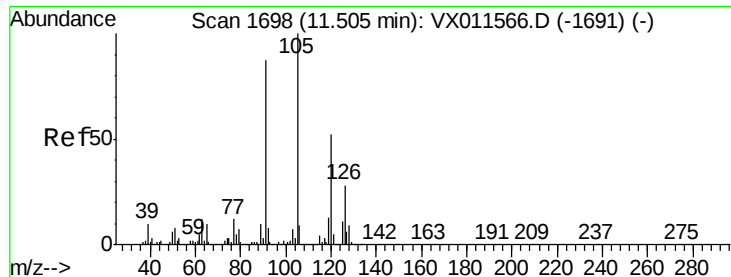
Tgt Ion: 91 Resp: 41723

Ion Ratio Lower Upper

91 100

126 1.0 18.4 55.0#

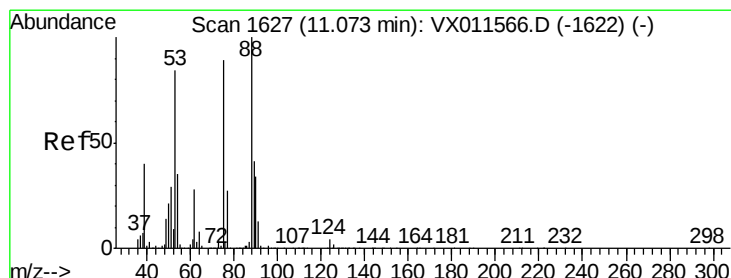
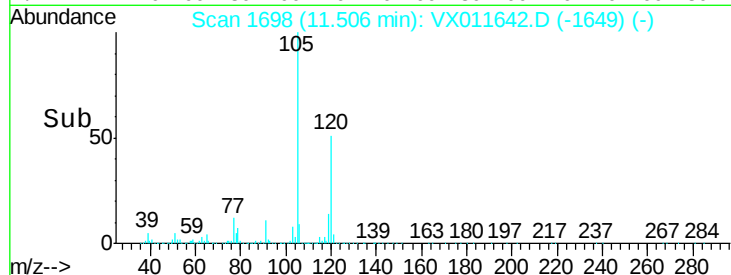
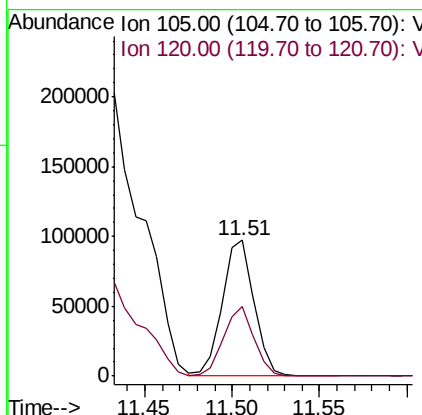
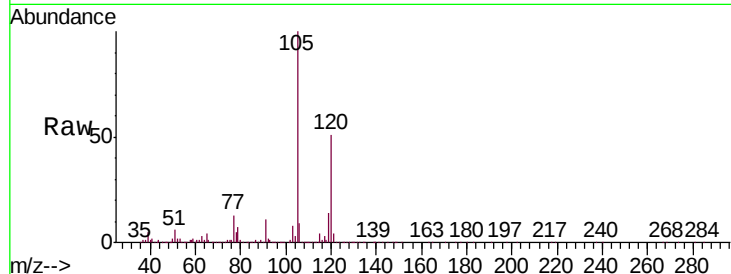




#80
 1,3,5-Trimethylbenzene
 Concen: 8.134 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX011642.D
 Acq: 19 Aug 2019 19:14

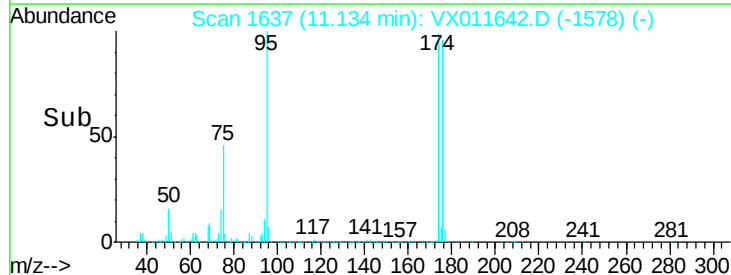
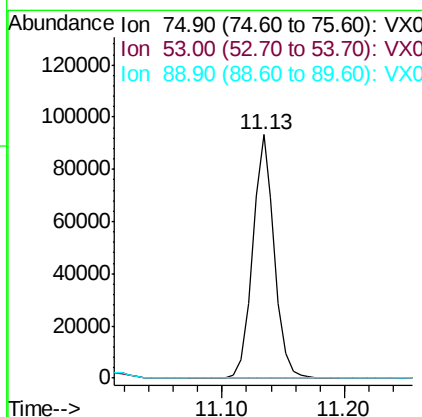
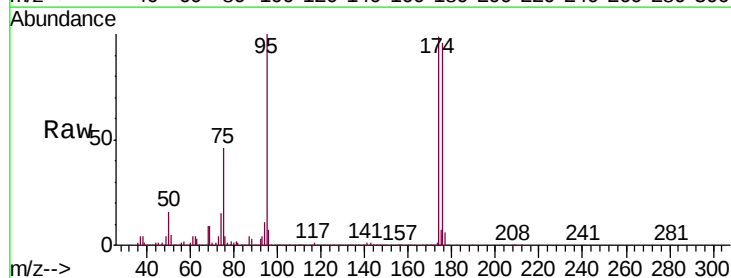
Instrument :
 MSVOA_X
 ClientSampleId :
 PH2-0138DL

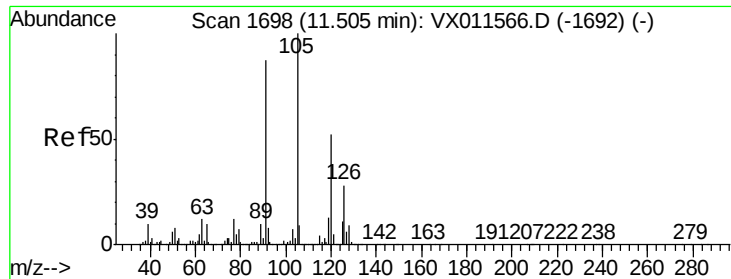
Tgt Ion: 105 Resp: 122326
 Ion Ratio Lower Upper
 105 100
 120 49.1 25.3 75.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 58.208 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX011642.D
 Acq: 19 Aug 2019 19:14

Tgt Ion: 75 Resp: 113973
 Ion Ratio Lower Upper
 75 100
 53 0.4 77.4 116.0#
 89 0.0 37.3 55.9#

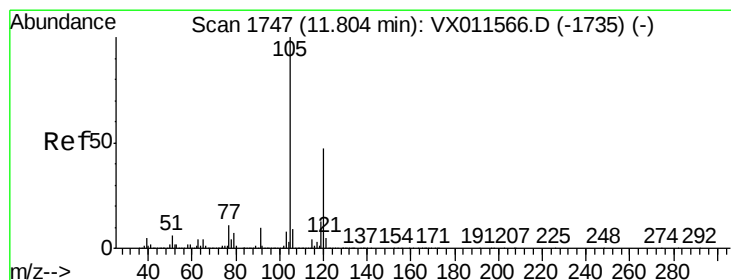
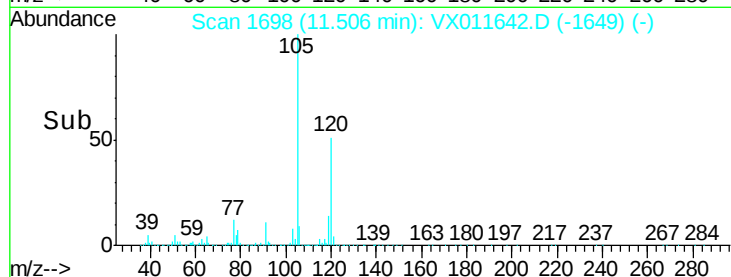
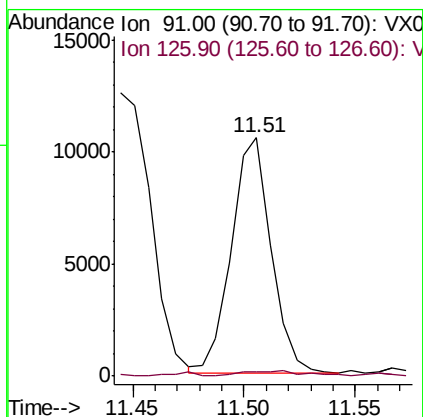
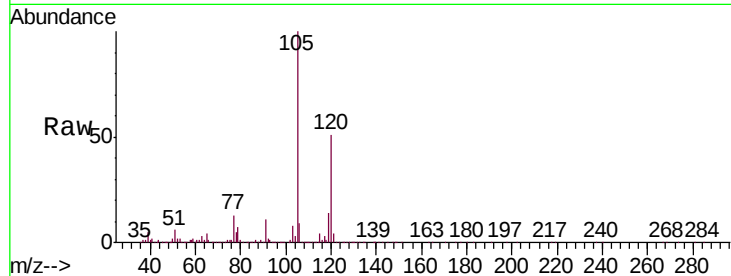




#82
4-Chlorotoluene
Concen: 0.949 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX011642.D
Acq: 19 Aug 2019 19:14

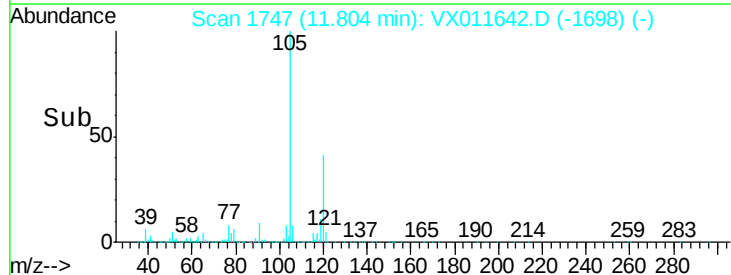
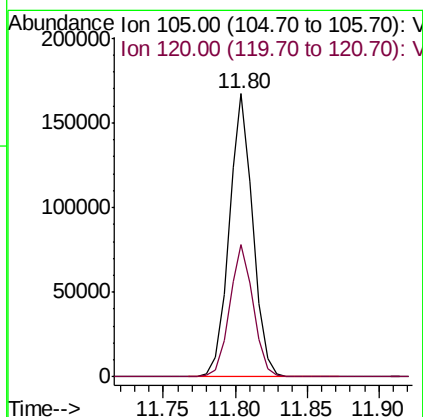
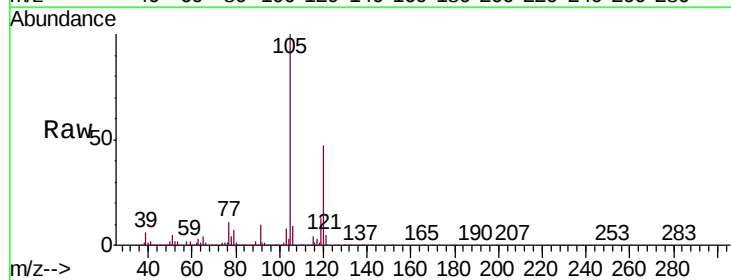
Instrument :
MSVOA_X
ClientSampleId :
PH2-0138DL

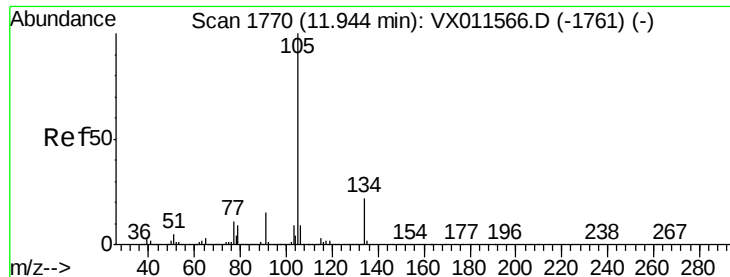
Tgt Ion: 91 Resp: 13054
Ion Ratio Lower Upper
91 100
126 3.5 16.4 49.1#



#84
1,2,4-Trimethylbenzene
Concen: 12.695 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX011642.D
Acq: 19 Aug 2019 19:14

Tgt Ion: 105 Resp: 191659
Ion Ratio Lower Upper
105 100
120 46.6 23.3 69.9

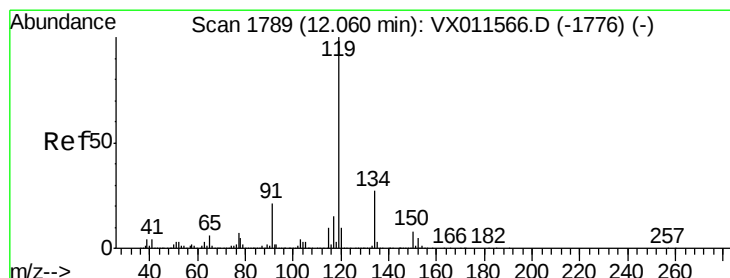
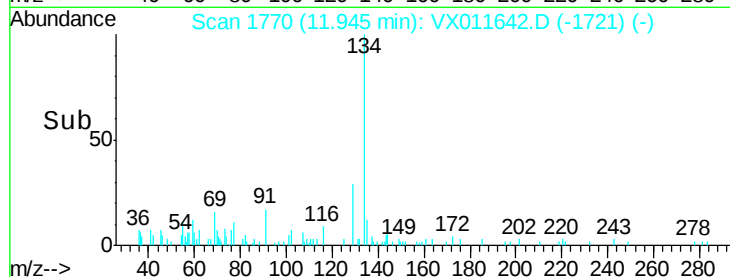
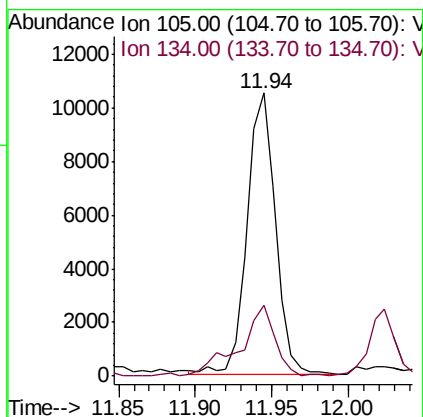
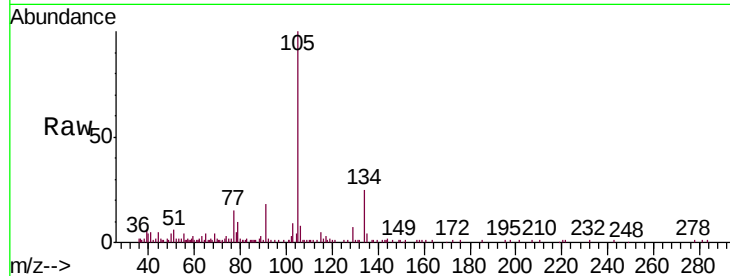




#85
 sec-Butylbenzene
 Concen: 0.780 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX011642.D
 Acq: 19 Aug 2019 19:14

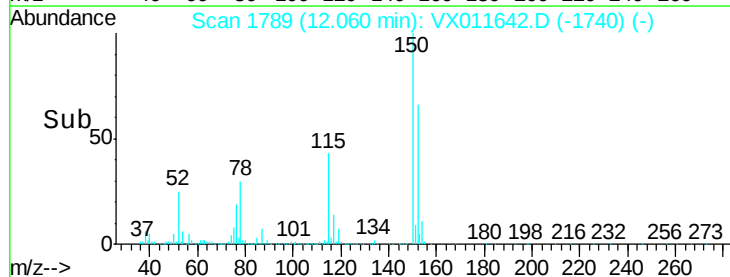
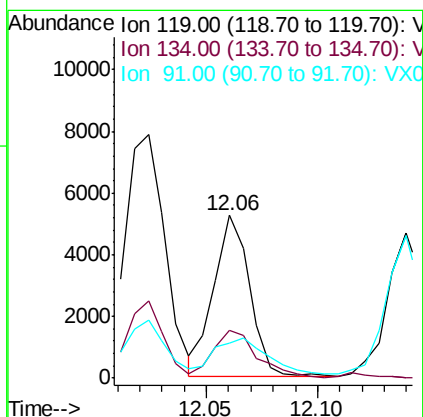
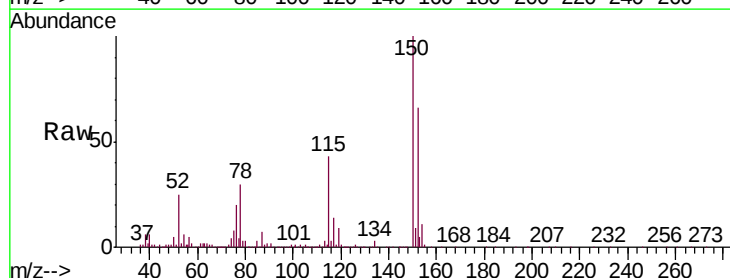
Instrument :
 MSVOA_X
 ClientSampleId :
 PH2-0138DL

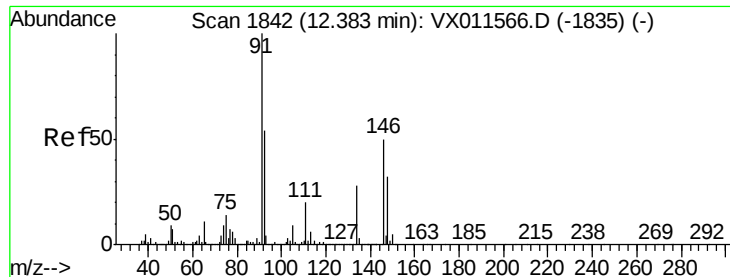
Tgt Ion:105 Resp: 13474
 Ion Ratio Lower Upper
 105 100
 134 31.4 10.8 32.4



#86
 p-Isopropyltoluene
 Concen: 0.359 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX011642.D
 Acq: 19 Aug 2019 19:14

Tgt Ion:119 Resp: 5834
 Ion Ratio Lower Upper
 119 100
 134 37.1 13.6 40.8
 91 32.6 10.9 32.9

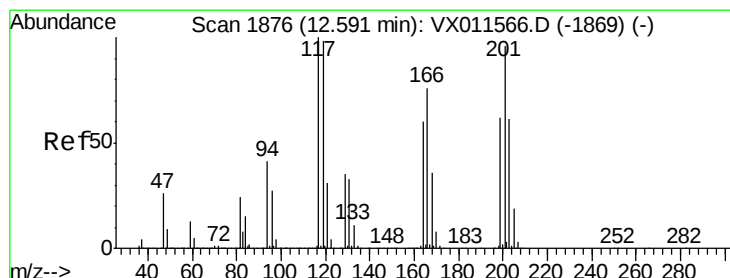
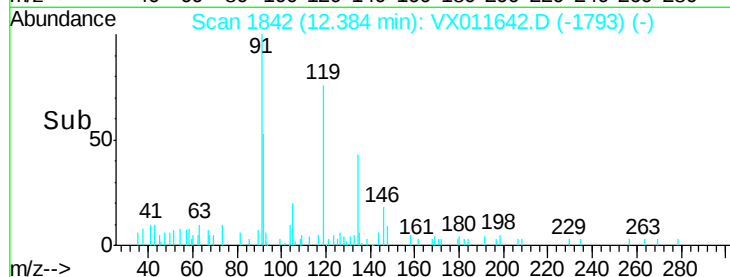
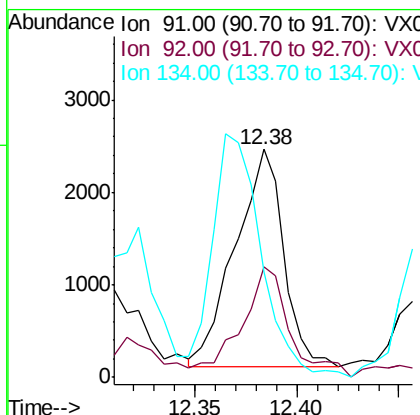
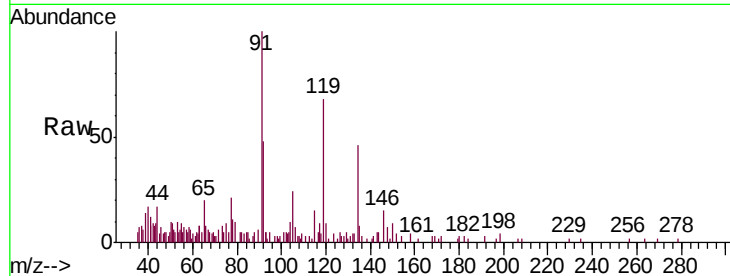




#89
n-Butylbenzene
Concen: 0.292 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011642.D
Acq: 19 Aug 2019 19:14

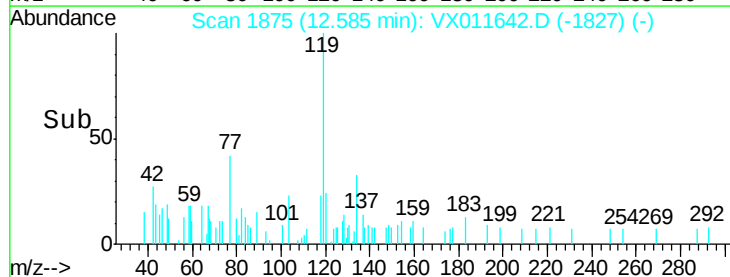
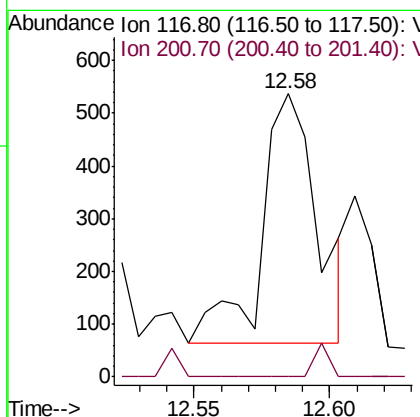
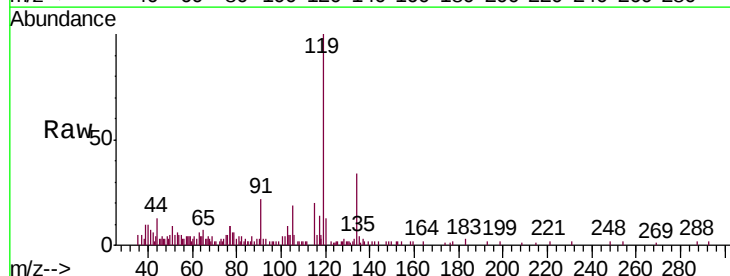
Instrument :
MSVOA_X
ClientSampleId :
PH2-0138DL

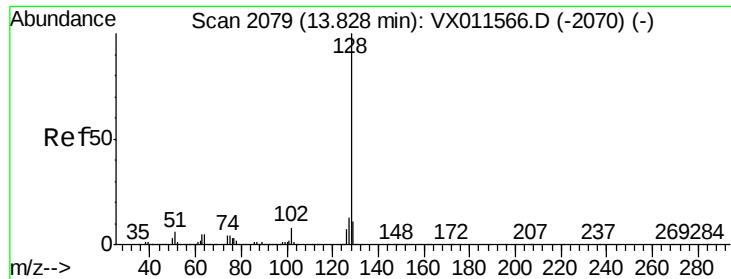
Tgt Ion: 91 Resp: 3904
Ion Ratio Lower Upper
91 100
92 50.6 26.8 80.3
134 111.1 14.6 44.0#



#90
Hexachloroethane
Concen: 0.263 ug/l
RT: 12.58 min Scan# 1875
Delta R.T. -0.01 min
Lab File: VX011642.D
Acq: 19 Aug 2019 19:14

Tgt Ion: 117 Resp: 674
Ion Ratio Lower Upper
117 100
201 3.4 51.9 155.7#

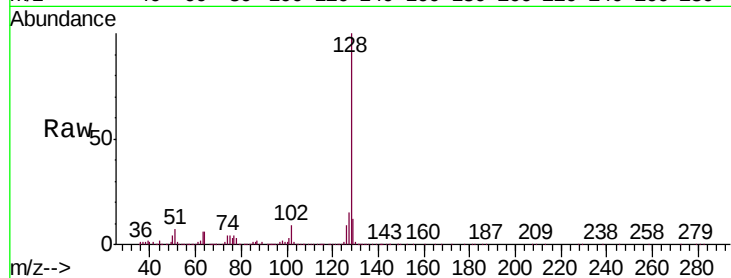




#95
Naphthalene
Concen: 3.491 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. 0.00 min
Lab File: VX011642.D
Acq: 19 Aug 2019 19:14

Instrument :
MSVOA_X
ClientSampleId :
PH2-0138DL

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.3	15.5
129	11.4	8.7	13.1



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

