

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082019\
 Data File : VX011692.D
 Acq On : 20 Aug 2019 18:09
 Operator : JC/SP
 Sample : K4351-09DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PH2-0138DL

Quant Time: Aug 20 23:25:33 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	425450	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	564511	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	485149	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	255905	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	199840	50.65	ug/l	0.00
Spiked Amount			Recovery	=	101.30%	
35) Dibromofluoromethane	5.49	113	167202	45.28	ug/l	0.00
Spiked Amount			Recovery	=	90.56%	
50) Toluene-d8	8.71	98	629951	54.76	ug/l	0.00
Spiked Amount			Recovery	=	109.52%	
62) 4-Bromofluorobenzene	11.13	95	235894	48.58	ug/l	0.00
Spiked Amount			Recovery	=	97.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	935	0.532	ug/l #	32
6) Chloroethane	1.72	64	851	0.458	ug/l #	76
11) Tert butyl alcohol	3.03	59	301	0.311	ug/l #	71
13) Acrolein	2.31	56	410	13.493	ug/l #	65
16) Acetone	2.43	43	1257	0.634	ug/l #	55
20) Methylene Chloride	2.85	84	976	0.234	ug/l #	43
31) Cyclohexane	5.57	56	140360	23.993	ug/l	96
36) 1,1-Dichloropropene	5.65	75	23923	4.957	ug/l #	51
38) Carbon Tetrachloride	5.66	117	35359	6.650	ug/l #	16
39) Methylcyclohexane	7.46	83	112575	18.887	ug/l	98
40) Benzene	6.14	78	3310	0.221	ug/l #	83
43) Isopropyl Acetate	6.45	43	1891	0.218	ug/l #	74
48) Methyl methacrylate	7.73	41	4788	1.116	ug/l #	61
49) 1,4-Dioxane	7.74	88	164	1.437	ug/l #	1
55) 1,1,2-Trichloroethane	9.16	97	3119	0.768	ug/l #	17
59) 2-Hexanone	9.44	43	901	0.206	ug/l	63
67) Ethyl Benzene	10.25	91	1669882	96.696	ug/l	99
68) m/p-Xylenes	10.35	106	858249	129.470	ug/l	98
69) o-Xylene	10.69	106	529494	81.545	ug/l	99
70) Styrene	10.69	104	26277	2.404	ug/l #	1
71) Bromoform	10.74	173	84	3.312	ug/l #	28
73) Isopropylbenzene	11.02	105	190214	11.455	ug/l	99
76) 1,2,3-Trichloropropane	11.13	75	109150	22.493	ug/l #	36
78) n-propylbenzene	11.36	91	117234	6.547	ug/l	98
79) 2-Chlorotoluene	11.43	91	38168	3.471	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.51	105	110625	7.931	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.13	75	109150	59.952	ug/l #	11
82) 4-Chlorotoluene	11.50	91	11403	0.894	ug/l #	46
84) 1,2,4-Trimethylbenzene	11.80	105	171086	12.217	ug/l	100
85) sec-Butylbenzene	11.94	105	10410	0.649	ug/l	99
86) p-Isopropyltoluene	12.02	119	9781	0.649	ug/l	97
89) n-Butylbenzene	12.37	91	3083	0.249	ug/l #	32
90) Hexachloroethane	12.58	117	984	0.413	ug/l #	4
95) Naphthalene	13.83	128	55968	3.117	ug/l	98

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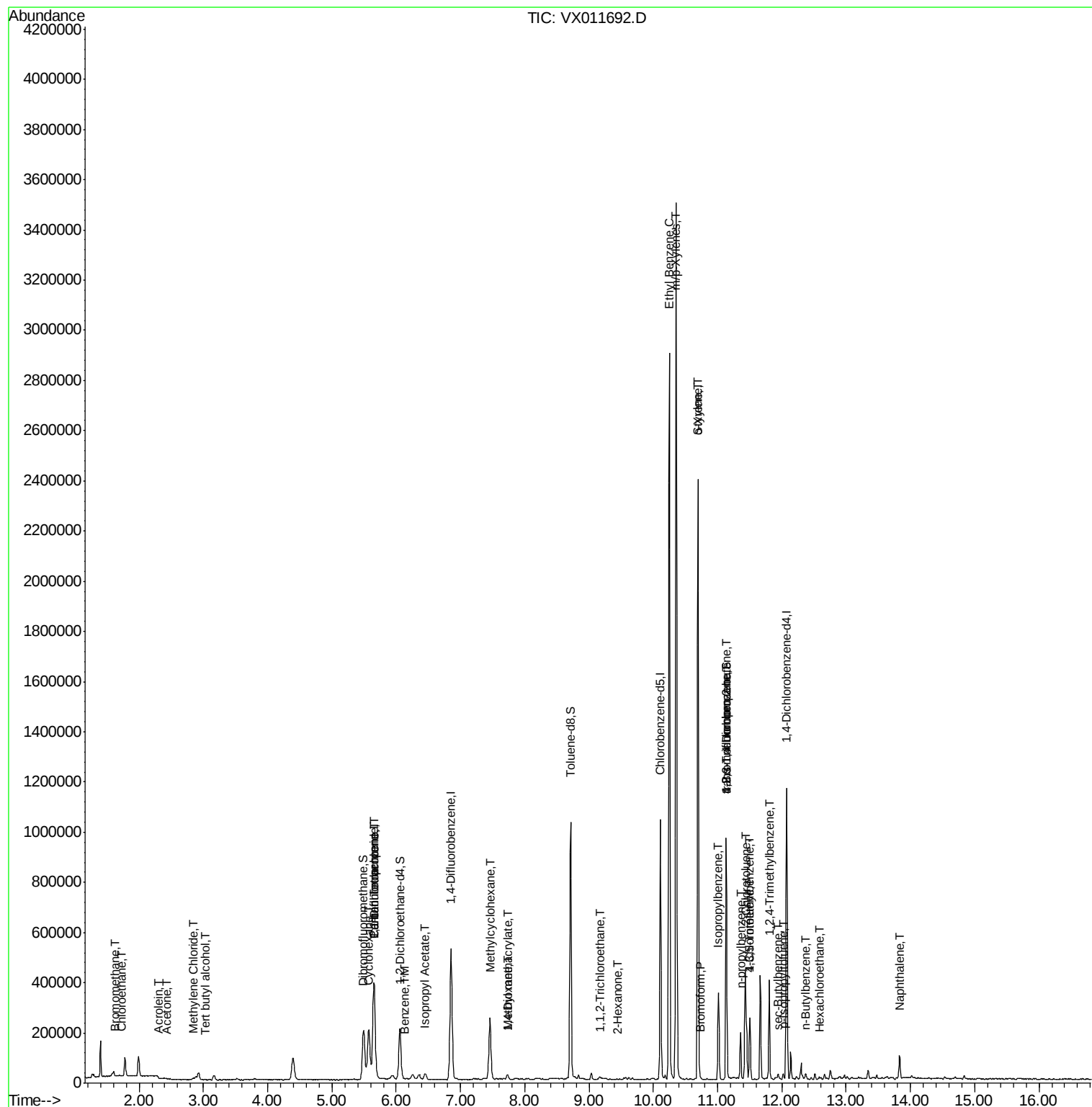
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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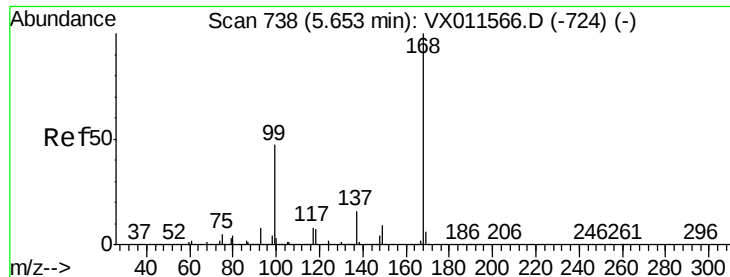
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX011692.D

Acq: 20 Aug 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

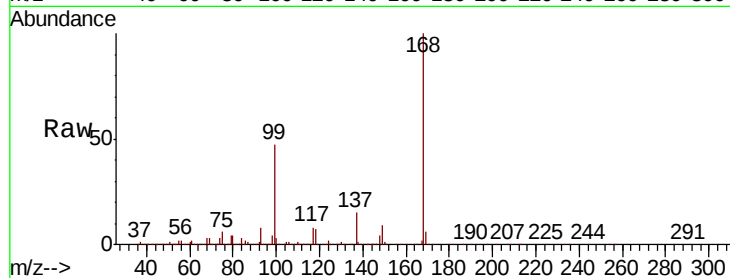
PH2-0138DL

Tgt Ion:168 Resp: 425450

Ion Ratio Lower Upper

168 100

99 47.1 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

150000

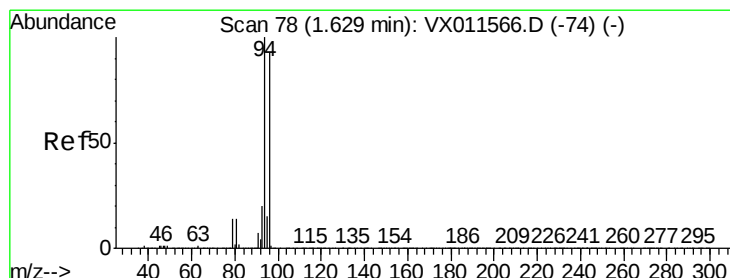
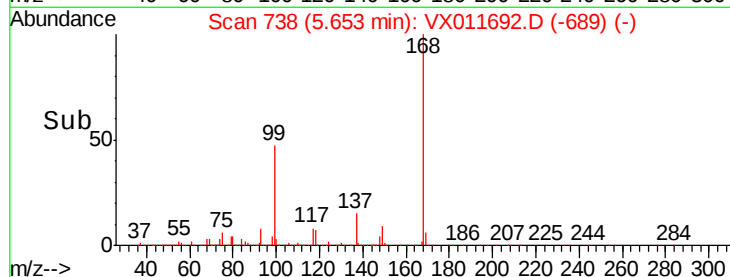
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#5

Bromomethane

Concen: 0.532 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.01 min

Lab File: VX011692.D

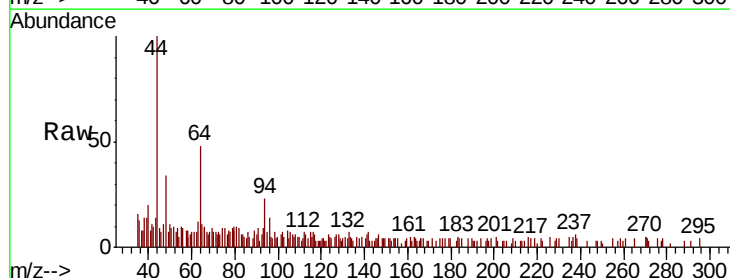
Acq: 20 Aug 2019 18:09

Tgt Ion: 94 Resp: 935

Ion Ratio Lower Upper

94 100

96 28.0 74.8 112.2#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

500

400

300

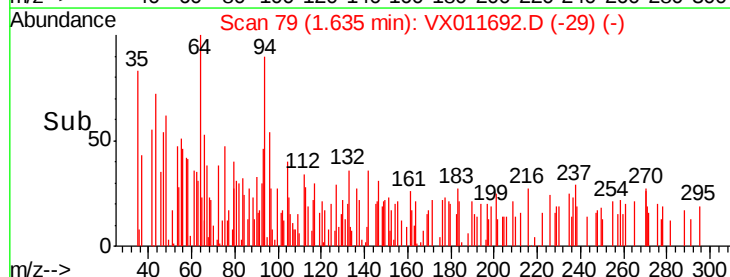
200

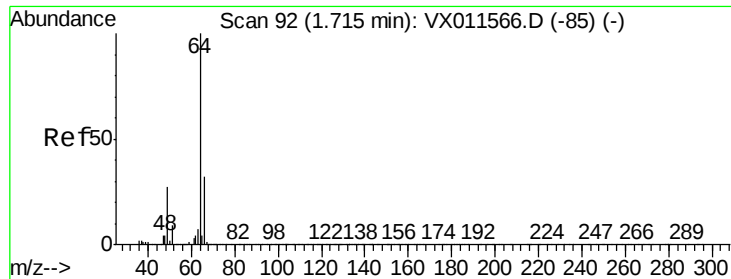
100

0

1.60 1.65 1.70

Time-->





#6

Chloroethane

Concen: 0.458 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX011692.D

Acq: 20 Aug 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

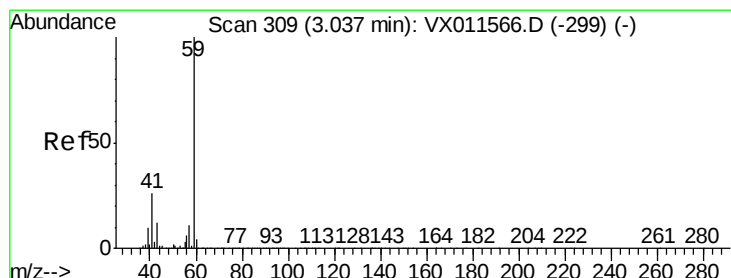
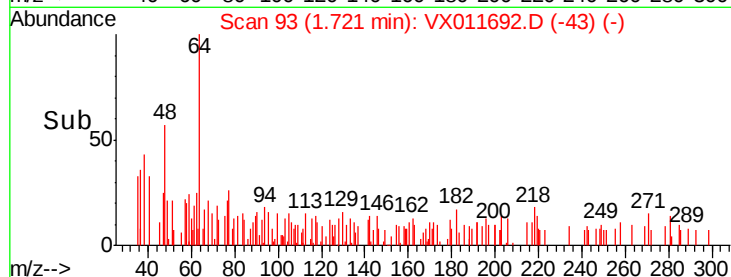
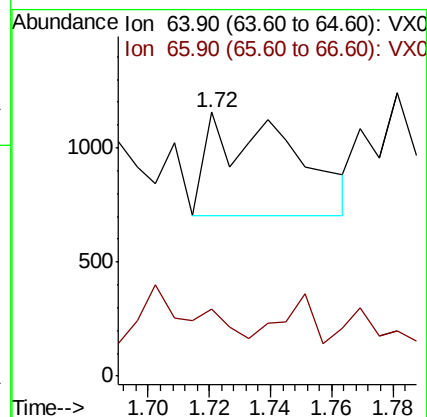
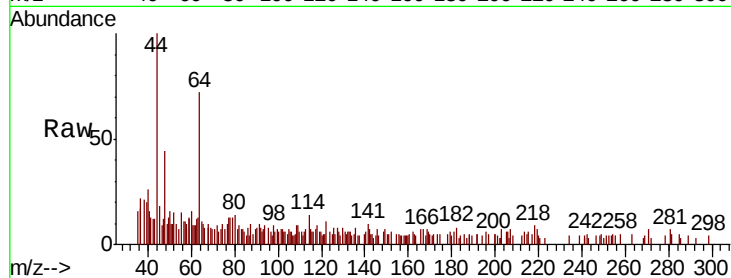
PH2-0138DL

Tgt Ion: 64 Resp: 851

Ion Ratio Lower Upper

64 100

66 18.3 25.3 37.9#



#11

Tert butyl alcohol

Concen: 0.311 ug/l

RT: 3.03 min Scan# 308

Delta R.T. -0.01 min

Lab File: VX011692.D

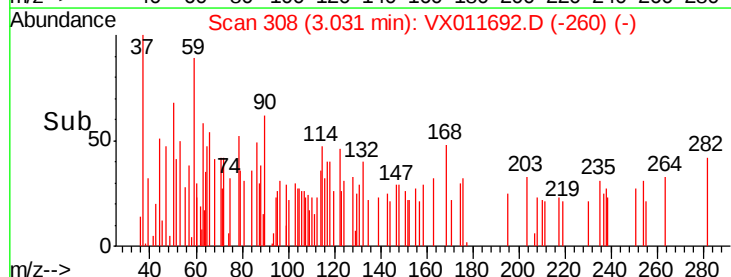
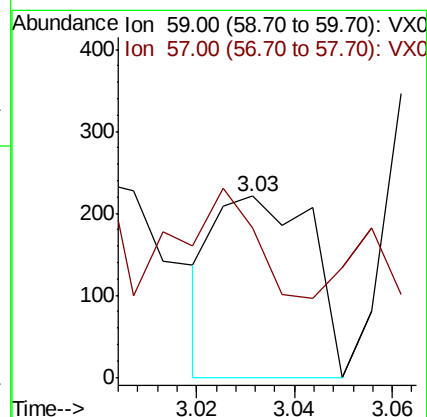
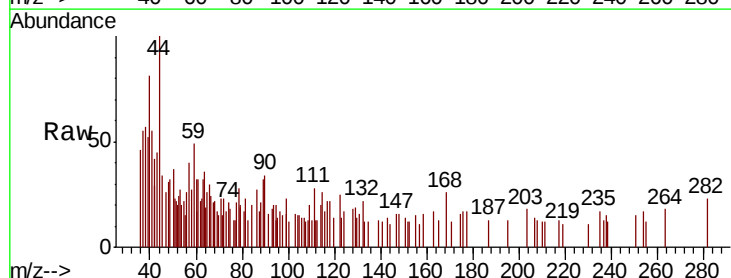
Acq: 20 Aug 2019 18:09

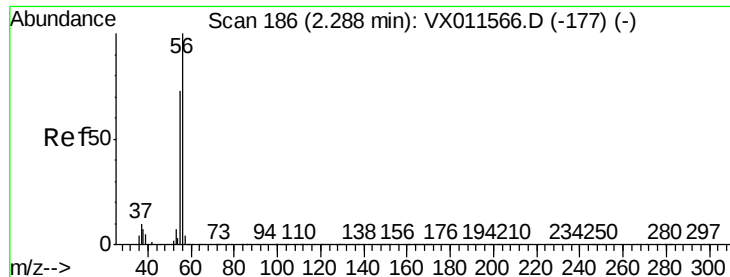
Tgt Ion: 59 Resp: 301

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#





#13

Acrolein

Concen: 13.493 ug/l

RT: 2.31 min Scan# 190

Delta R.T. 0.03 min

Lab File: VX011692.D

Acq: 20 Aug 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

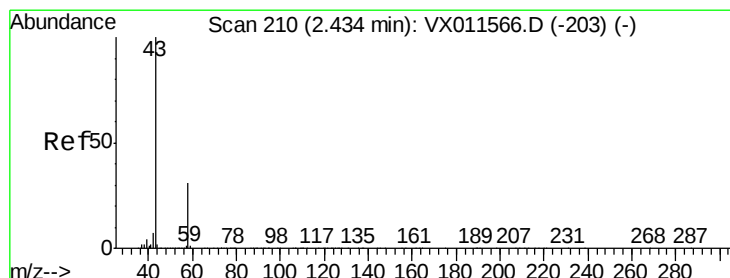
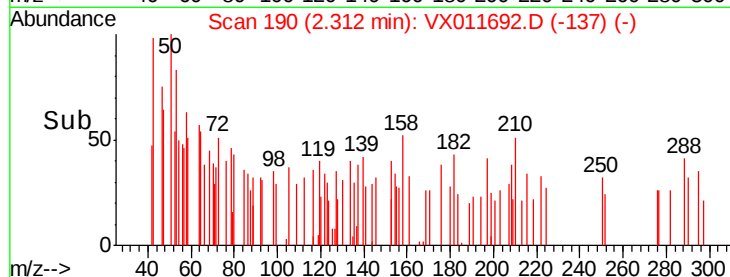
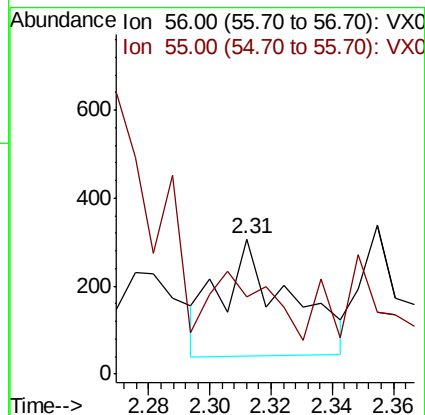
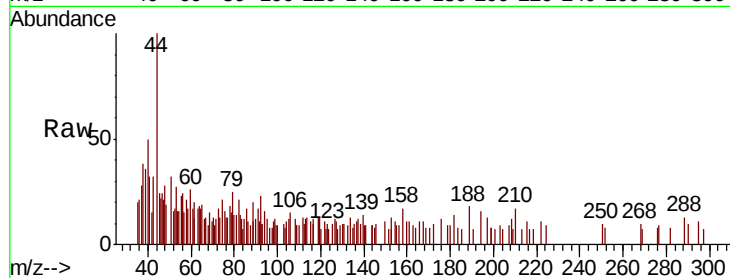
PH2-0138DL

Tgt Ion: 56 Resp: 410

Ion Ratio Lower Upper

56 100

55 40.7 55.5 83.3#



#16

Acetone

Concen: 0.634 ug/l

RT: 2.43 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX011692.D

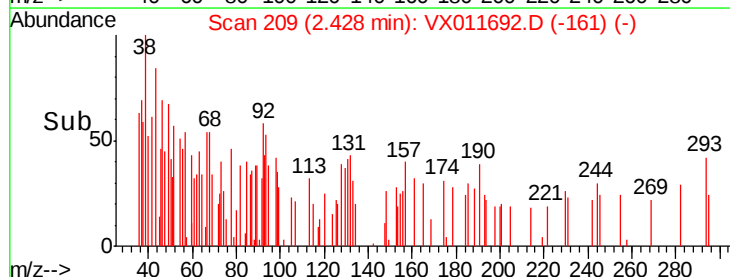
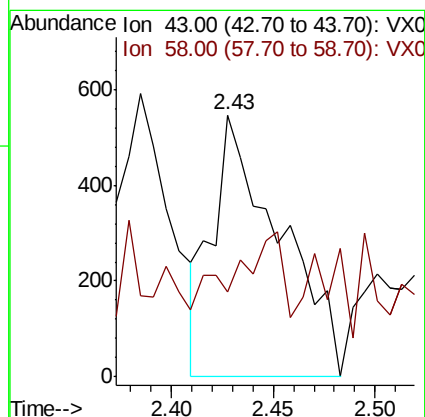
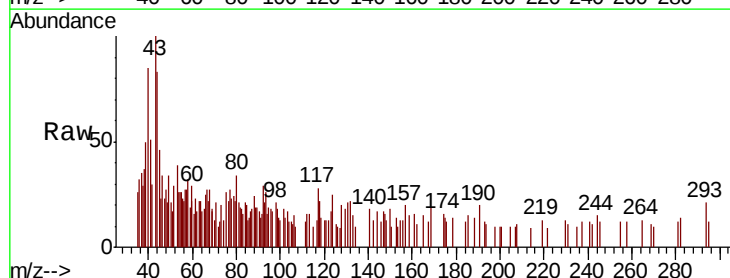
Acq: 20 Aug 2019 18:09

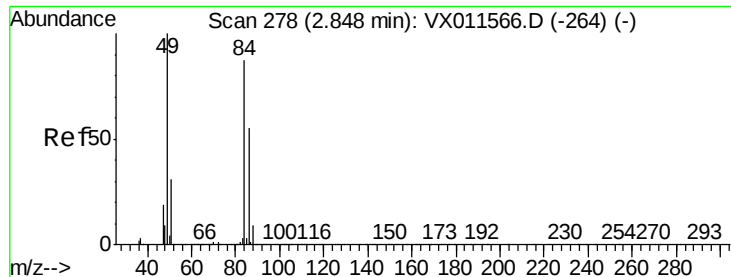
Tgt Ion: 43 Resp: 1257

Ion Ratio Lower Upper

43 100

58 6.4 25.2 37.8#

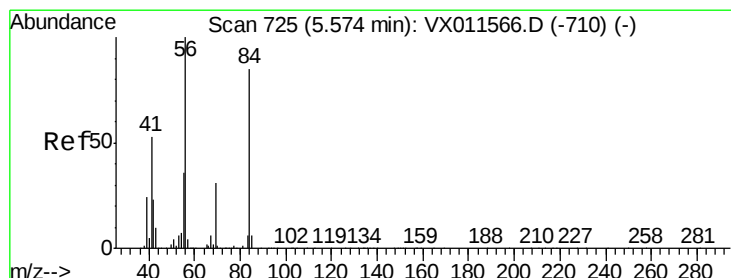
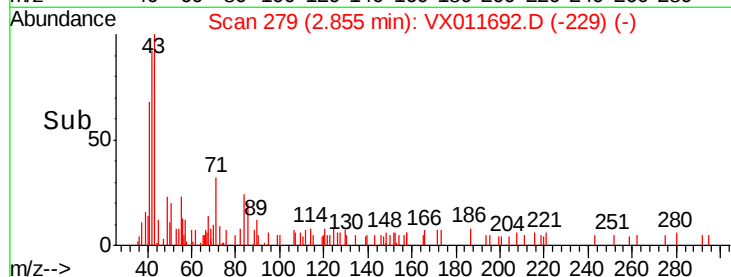
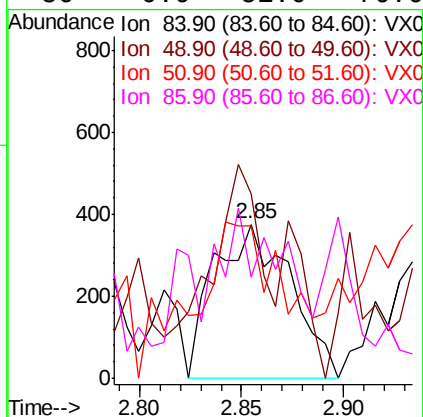
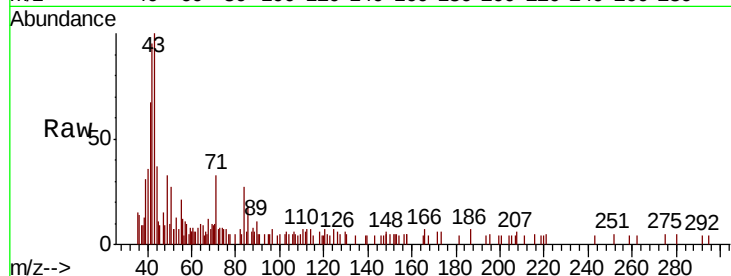




#20
Methylene Chloride
Concen: 0.234 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.01 min
Lab File: VX011692.D
Acq: 20 Aug 2019 18:09

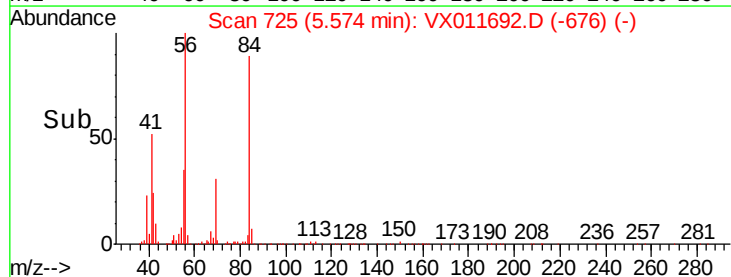
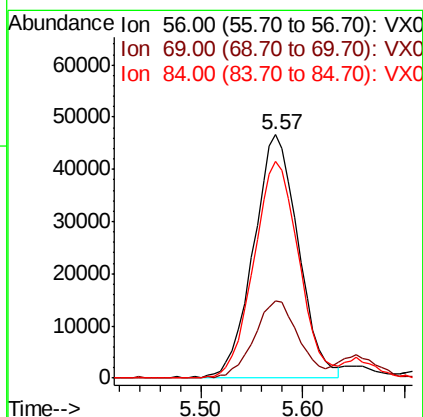
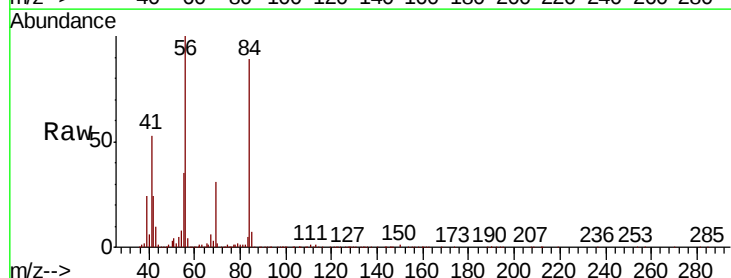
Instrument :
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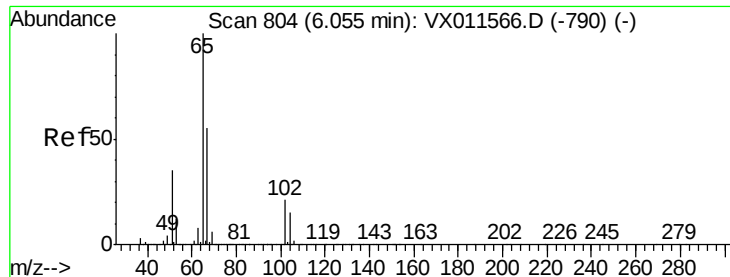
Tgt Ion:	84	Resp:	976
Ion	Ratio	Lower	Upper
84	100		
49	77.9	92.4	138.6#
51	85.1	28.5	42.7#
86	0.0	51.0	76.6#



#31
Cyclohexane
Concen: 23.993 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX011692.D
Acq: 20 Aug 2019 18:09

Tgt Ion:	56	Resp:	140360
Ion	Ratio	Lower	Upper
56	100		
69	31.2	24.8	37.2
84	89.2	67.9	101.9





#33

1,2-Dichloroethane-d4

Concen: 50.651 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011692.D

Acq: 20 Aug 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

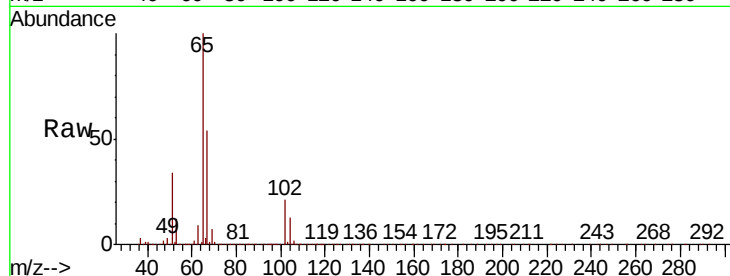
PH2-0138DL

Tgt Ion: 65 Resp: 199840

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

6.06

80000

60000

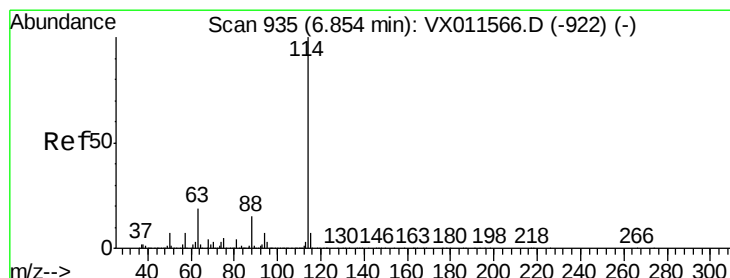
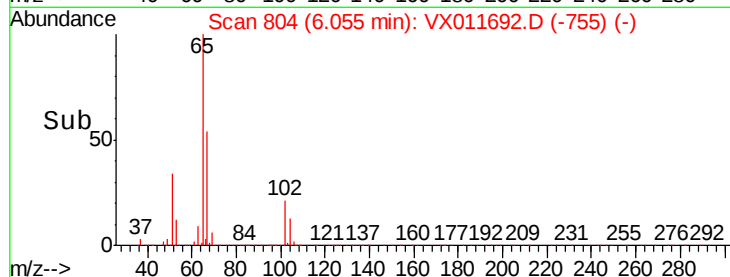
40000

20000

0

5.90 6.00 6.10 6.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011692.D

Acq: 20 Aug 2019 18:09

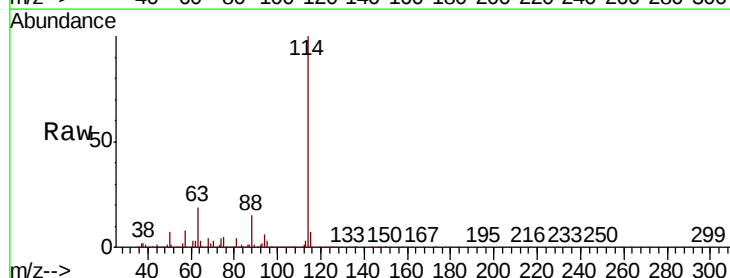
Tgt Ion: 114 Resp: 564511

Ion Ratio Lower Upper

114 100

63 18.4 0.0 37.8

88 15.0 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

6.85

300000

250000

200000

150000

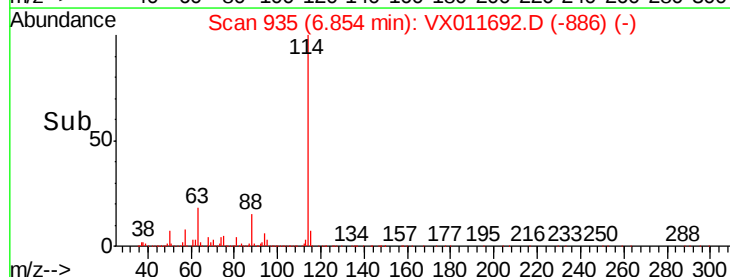
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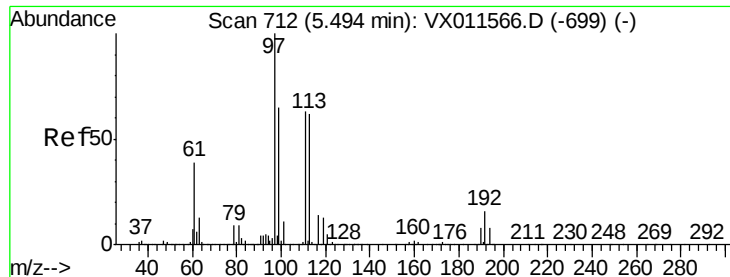
50000

0

6.70 6.80 6.90 7.00

Time-->





#35

Dibromofluoromethane

Concen: 45.284 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011692.D

Acq: 20 Aug 2019 18:09

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PH2-0138DL

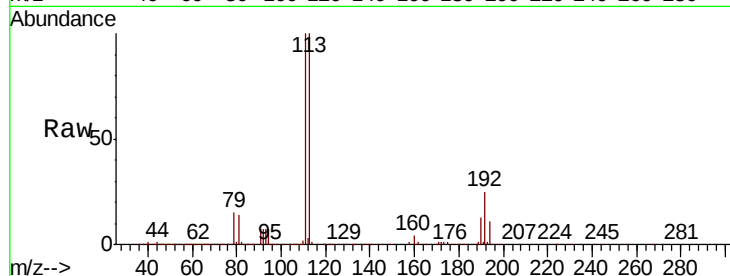
Tgt Ion:113 Resp: 167202

Ion Ratio Lower Upper

113 100

111 100.9 81.1 121.7

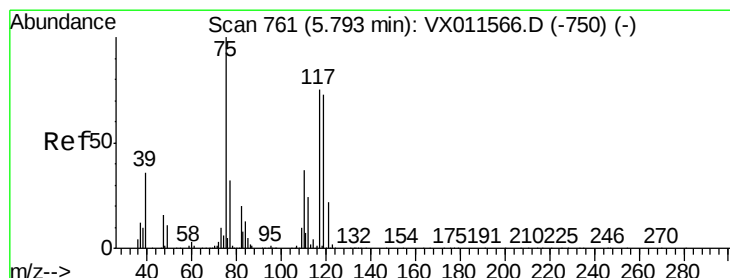
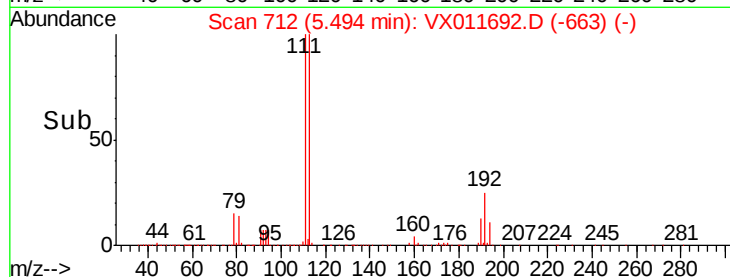
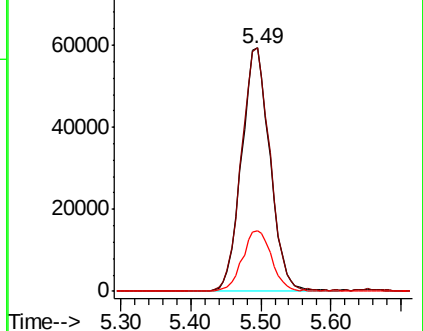
192 25.8 20.8 31.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.957 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.14 min

Lab File: VX011692.D

Acq: 20 Aug 2019 18:09

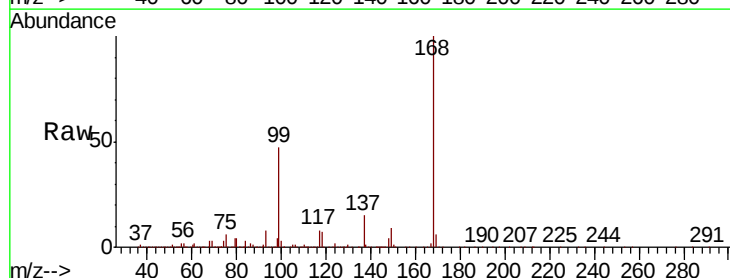
Tgt Ion: 75 Resp: 23923

Ion Ratio Lower Upper

75 100

110 12.5 19.4 58.1#

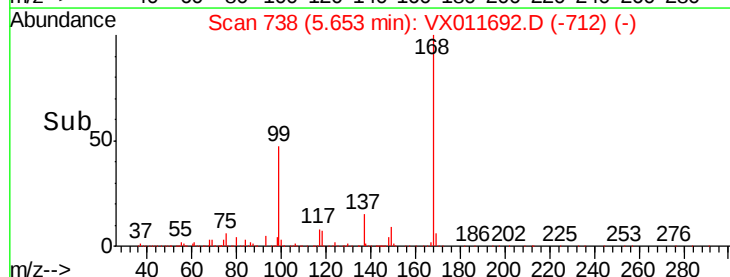
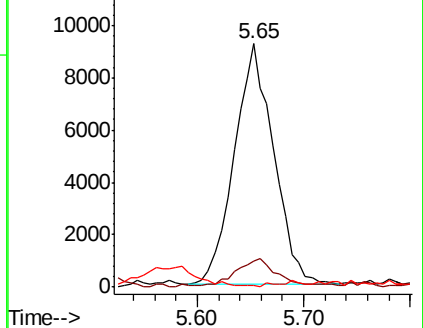
77 0.0 25.1 37.7#

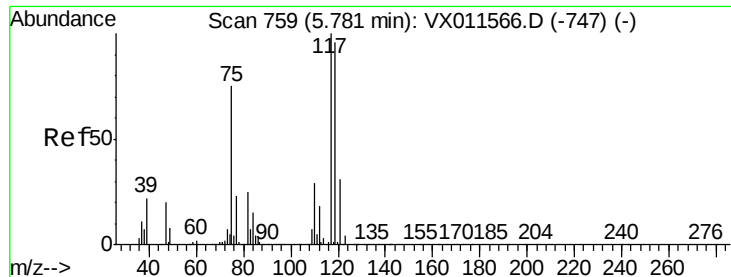


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.650 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX011692.D

Acq: 20 Aug 2019 18:09

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MSVOA_X

ClientSampleId :

PH2-0138DL

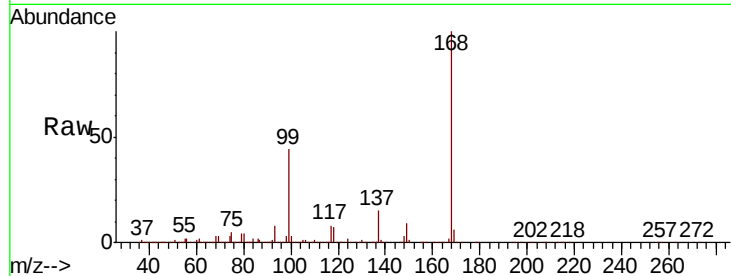
Tgt Ion:117 Resp: 35359

Ion Ratio Lower Upper

117 100

119 4.7 76.9 115.3#

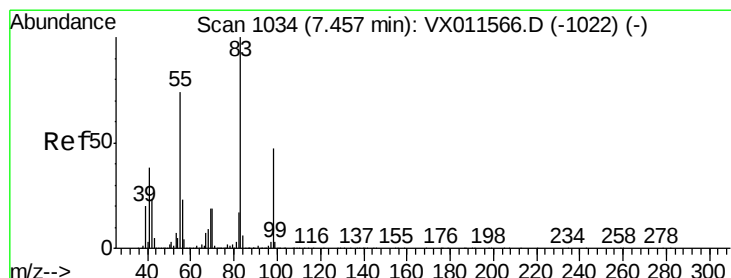
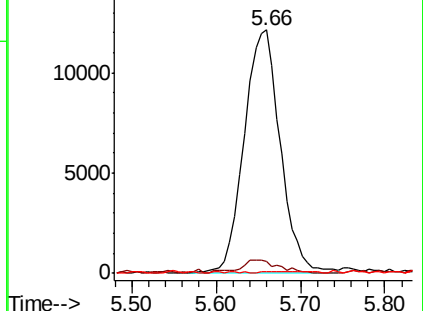
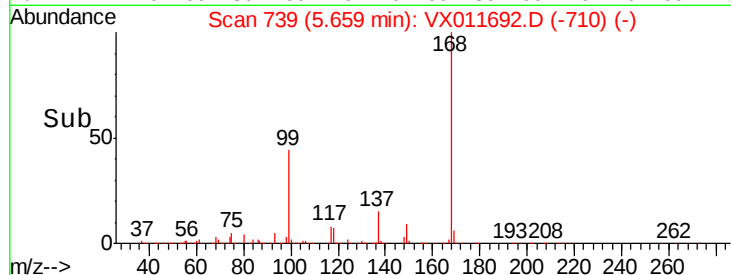
121 0.0 24.8 37.2#



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: 18.887 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VX011692.D

Acq: 20 Aug 2019 18:09

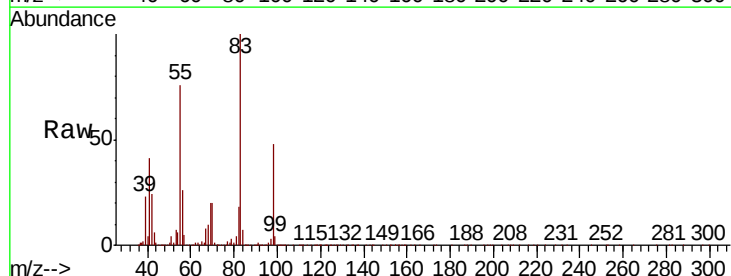
Tgt Ion: 83 Resp: 112575

Ion Ratio Lower Upper

83 100

55 75.5 58.8 88.2

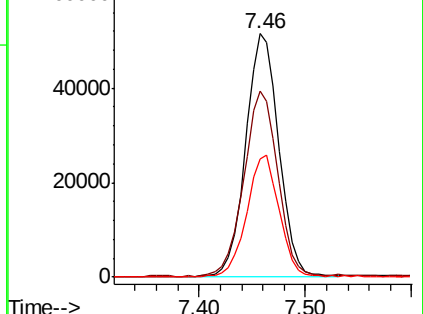
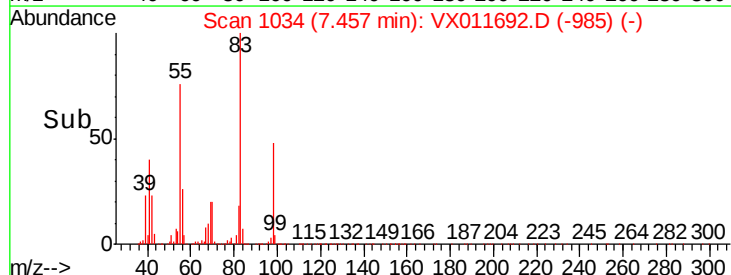
98 48.5 37.8 56.6

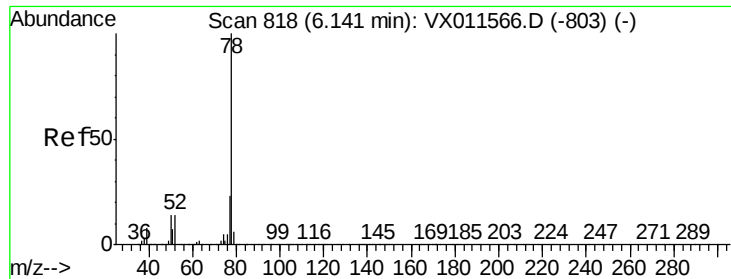


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 0.221 ug/l

RT: 6.14 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX011692.D

Acq: 20 Aug 2019 18:09

Instrument :

MSVOA_X

ClientSampled :

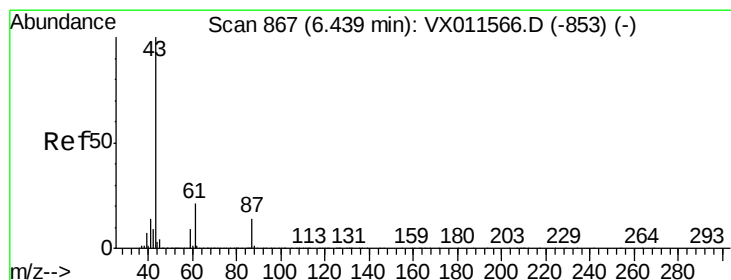
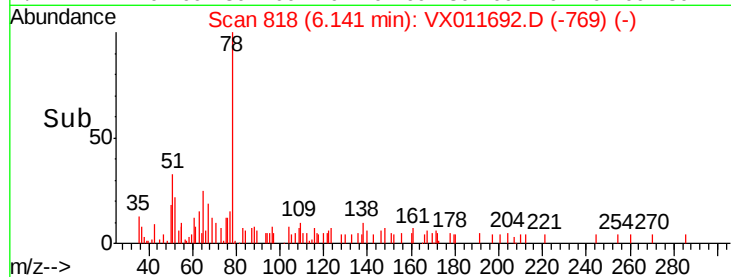
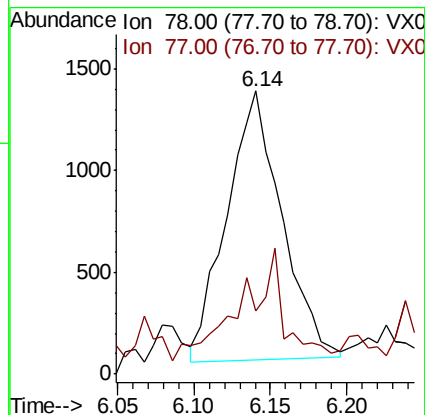
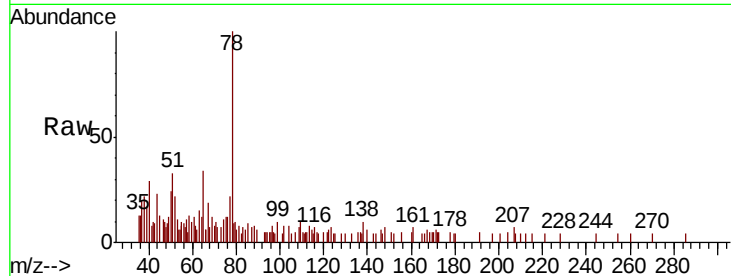
PH2-0138DL

Tgt Ion: 78 Resp: 3310

Ion Ratio Lower Upper

78 100

77 15.2 18.6 28.0#



#43

Isopropyl Acetate

Concen: 0.218 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.01 min

Lab File: VX011692.D

Acq: 20 Aug 2019 18:09

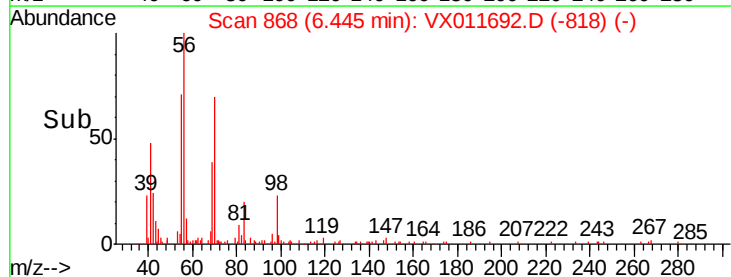
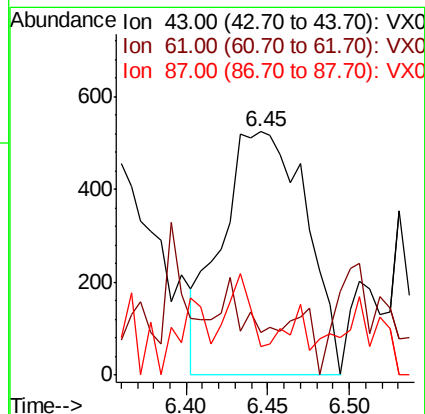
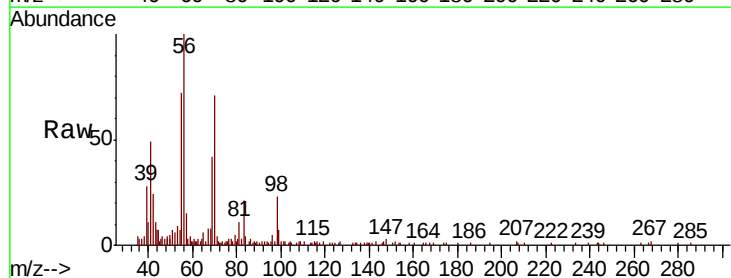
Tgt Ion: 43 Resp: 1891

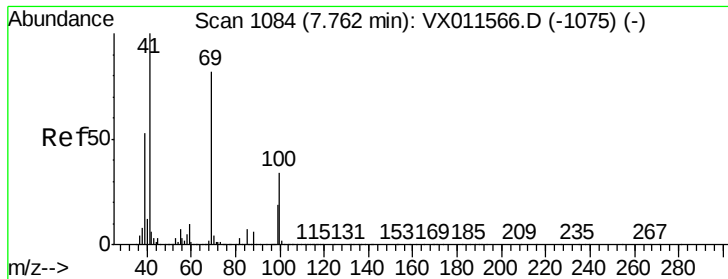
Ion Ratio Lower Upper

43 100

61 6.1 16.6 24.8#

87 6.9 11.4 17.2#

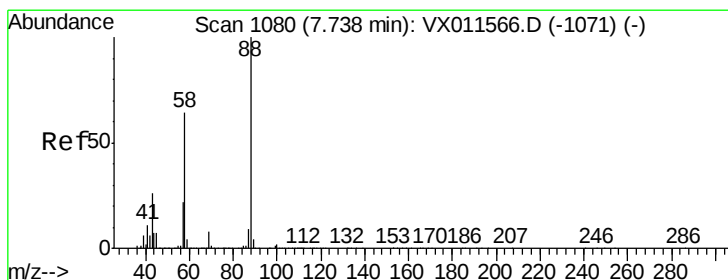
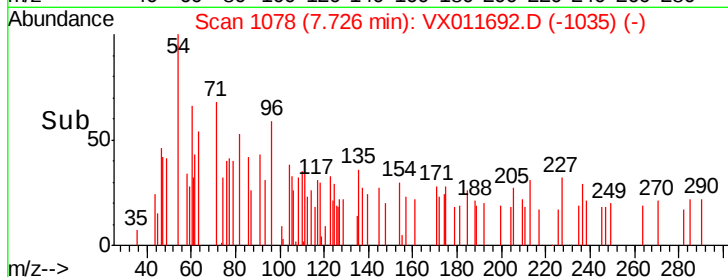
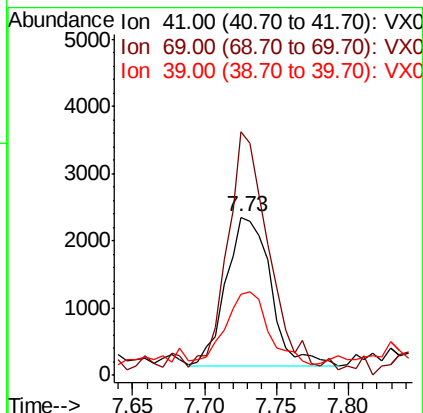
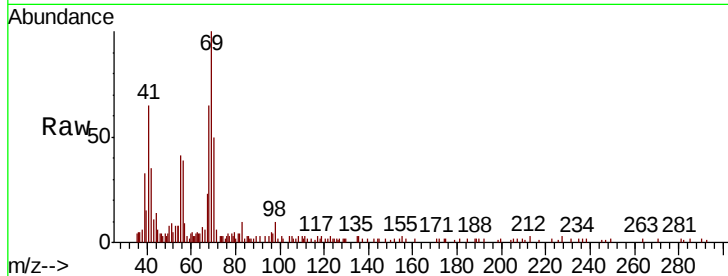




#48
Methyl methacrylate
Concen: 1.116 ug/l
RT: 7.73 min Scan# 1078
Delta R.T. -0.04 min
Lab File: VX011692.D
Acq: 20 Aug 2019 18:09

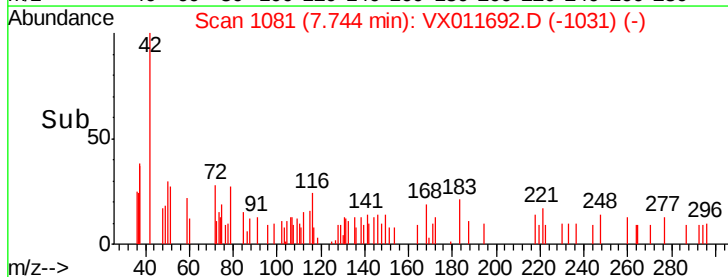
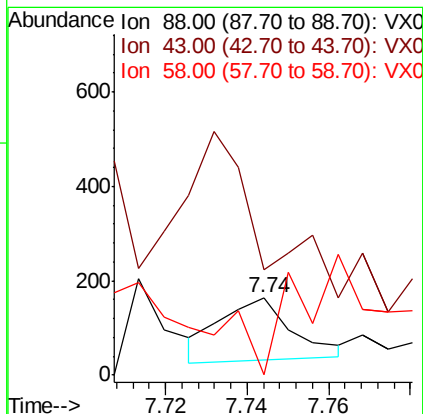
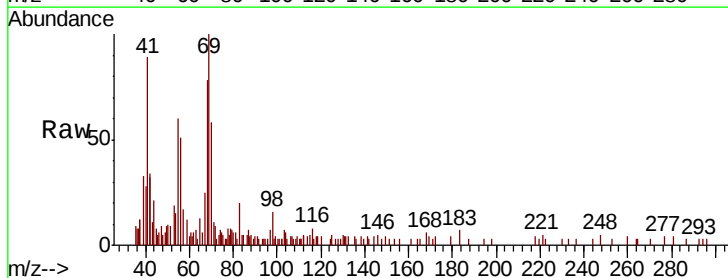
Instrument :
MSVOA_X
ClientSampleId :
PH2-0138DL

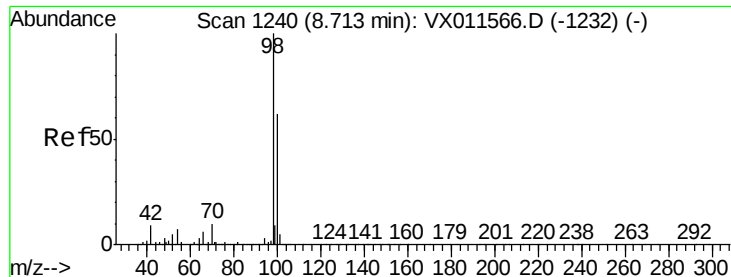
Tgt Ion: 41 Resp: 4788
Ion Ratio Lower Upper
41 100
69 141.0 67.9 101.9#
39 50.1 41.6 62.4



#49
1,4-Dioxane
Concen: 1.437 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX011692.D
Acq: 20 Aug 2019 18:09

Tgt Ion: 88 Resp: 164
Ion Ratio Lower Upper
88 100
43 368.3 23.4 35.0#
58 0.0 54.3 81.5#





#50

Toluene-d8

Concen: 54.756 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011692.D

Acq: 20 Aug 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

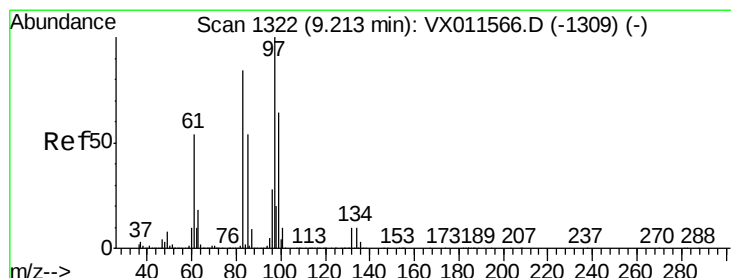
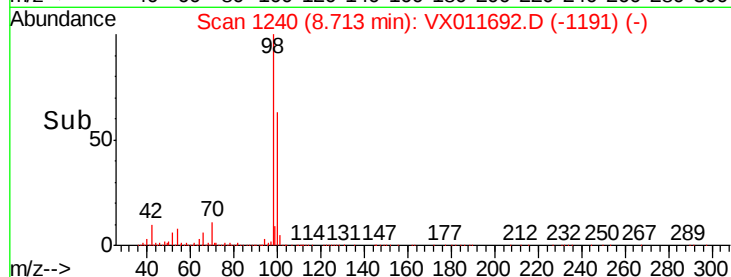
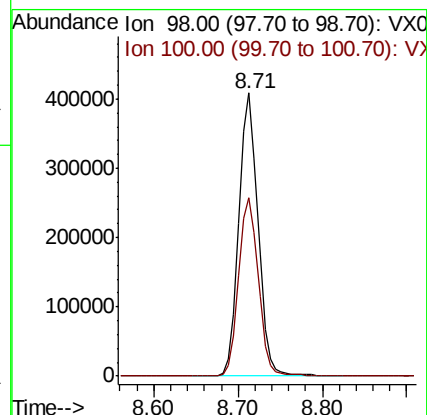
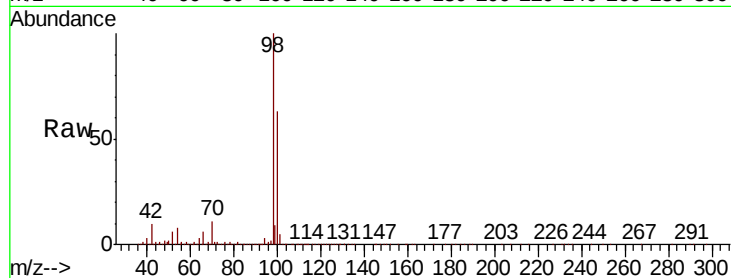
PH2-0138DL

Tgt Ion: 98 Resp: 629951

Ion Ratio Lower Upper

98 100

100 65.1 52.4 78.6



#55

1,1,2-Trichloroethane

Concen: 0.768 ug/l

RT: 9.16 min Scan# 1313

Delta R.T. -0.05 min

Lab File: VX011692.D

Acq: 20 Aug 2019 18:09

Tgt Ion: 97 Resp: 3119

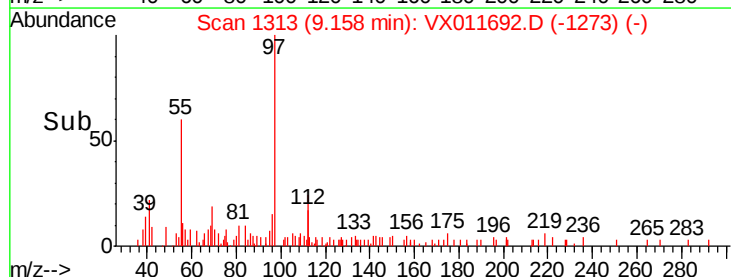
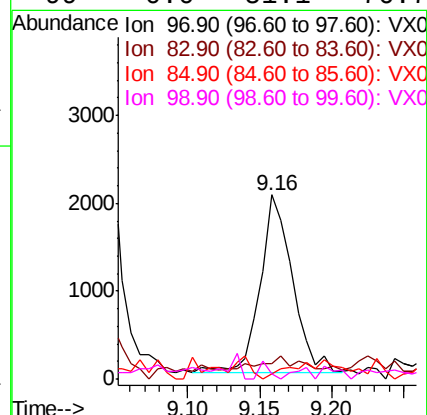
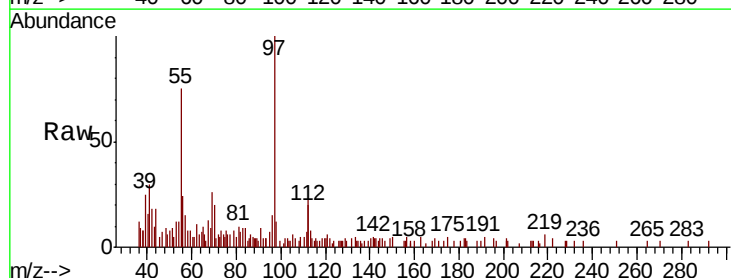
Ion Ratio Lower Upper

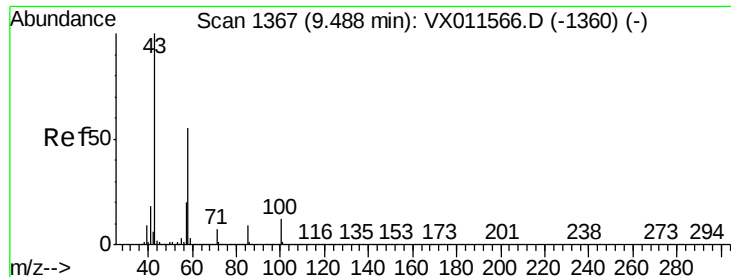
97 100

83 4.7 67.4 101.0#

85 0.0 43.4 65.2#

99 0.0 51.1 76.7#

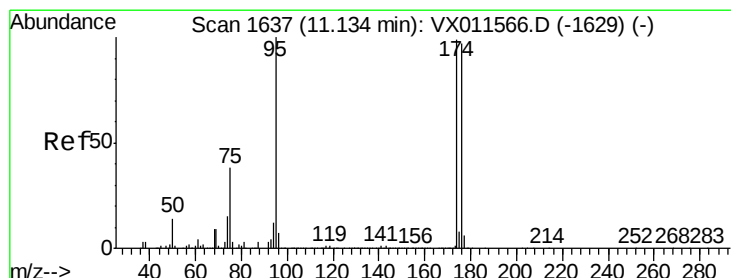
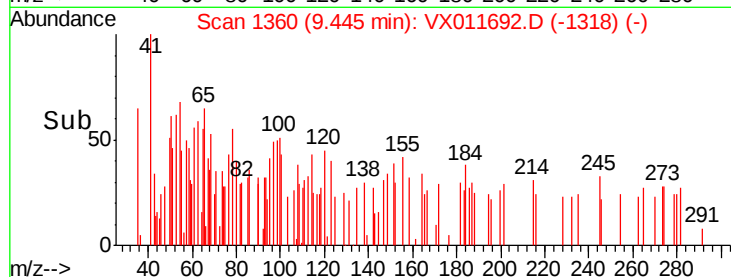
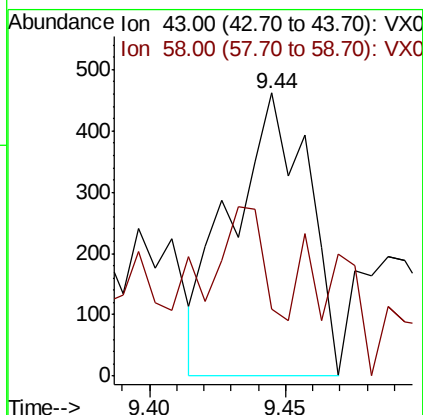
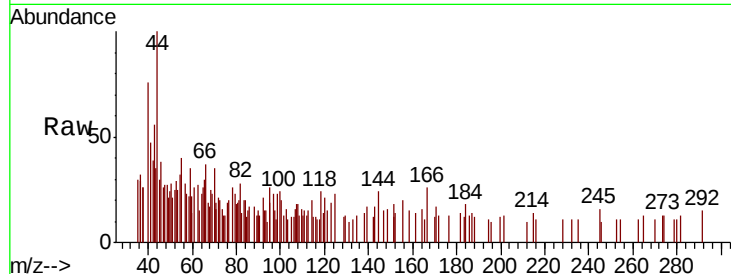




#59
2-Hexanone
Concen: 0.206 ug/l
RT: 9.44 min Scan# 1360
Delta R.T. -0.04 min
Lab File: VX011692.D
Acq: 20 Aug 2019 18:09

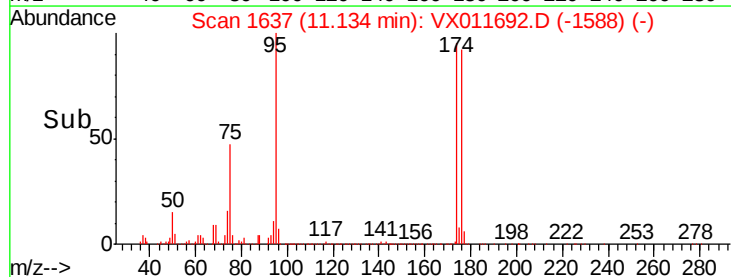
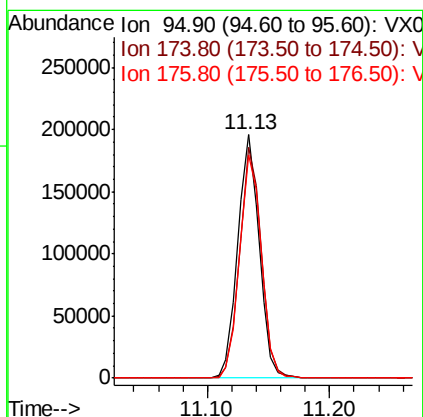
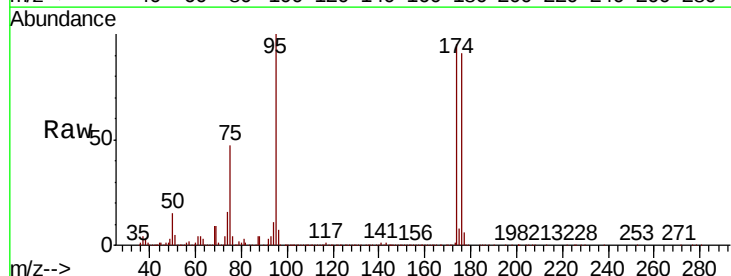
Instrument :
MSVOA_X
ClientSampleId :
PH2-0138DL

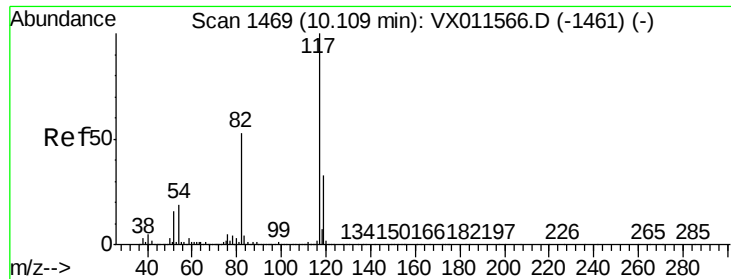
Tgt Ion: 43 Resp: 901
Ion Ratio Lower Upper
43 100
58 28.5 27.5 82.4



#62
4-Bromofluorobenzene
Concen: 48.579 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011692.D
Acq: 20 Aug 2019 18:09

Tgt Ion: 95 Resp: 235894
Ion Ratio Lower Upper
95 100
174 95.5 0.0 200.6
176 93.6 0.0 196.6

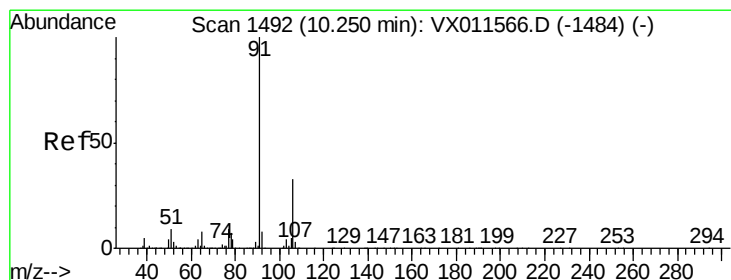
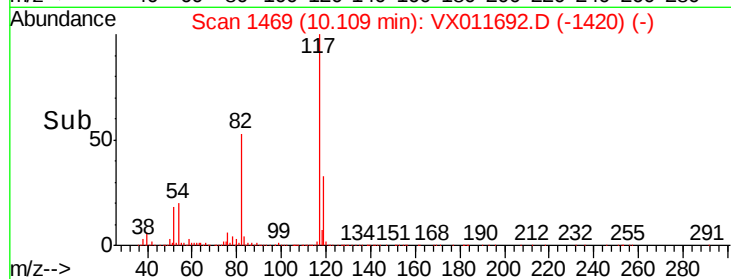
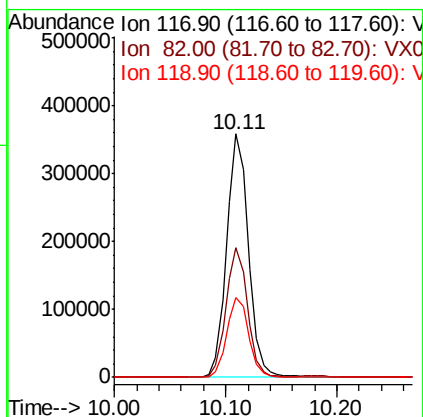
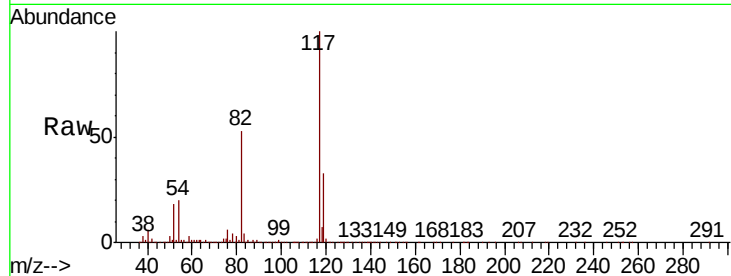




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011692.D
Acq: 20 Aug 2019 18:09

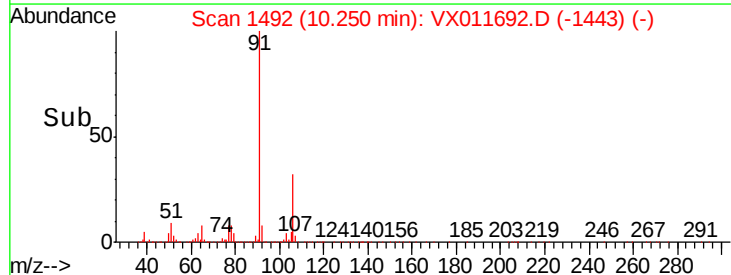
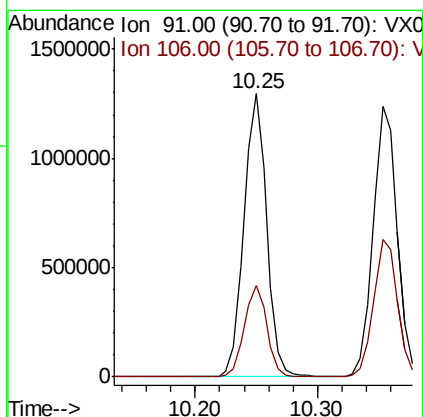
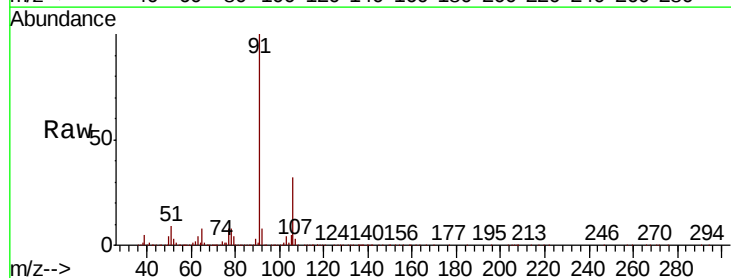
Instrument :
MSVOA_X
ClientSampleId :
PH2-0138DL

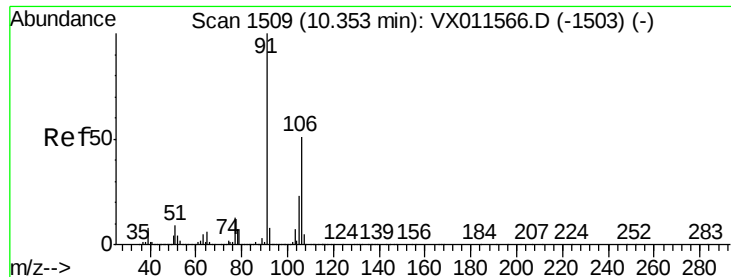
Tgt Ion: 117 Resp: 485149
Ion Ratio Lower Upper
117 100
82 53.4 42.0 63.0
119 32.5 26.5 39.7



#67
Ethyl Benzene
Concen: 96.696 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011692.D
Acq: 20 Aug 2019 18:09

Tgt Ion: 91 Resp: 1669882
Ion Ratio Lower Upper
91 100
106 32.1 26.0 39.0

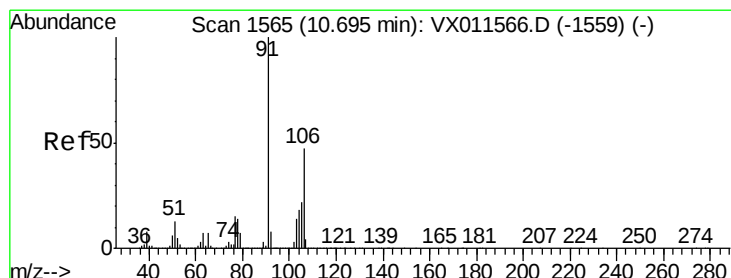
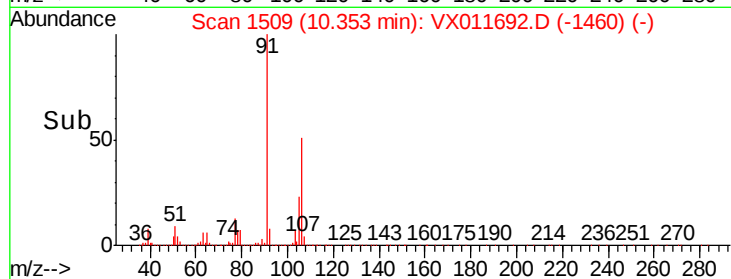
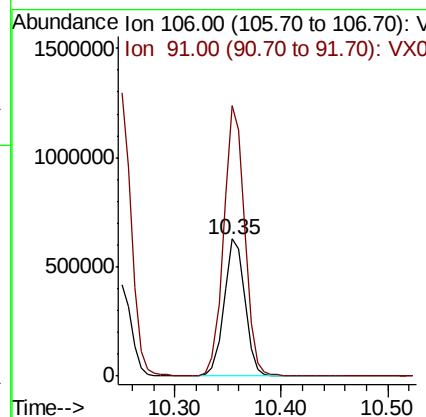
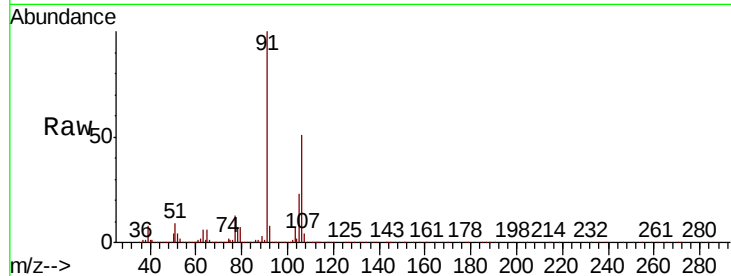




#68
m/p-Xylenes
Concen: 129.470 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. 0.00 min
Lab File: VX011692.D
Acq: 20 Aug 2019 18:09

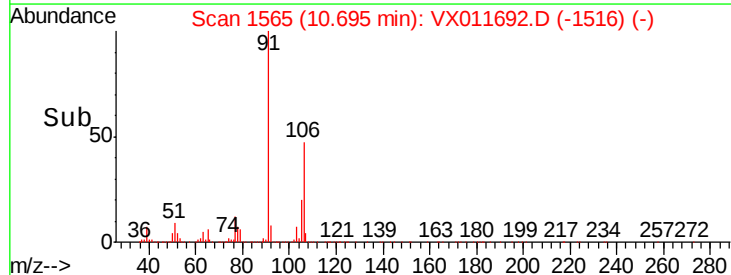
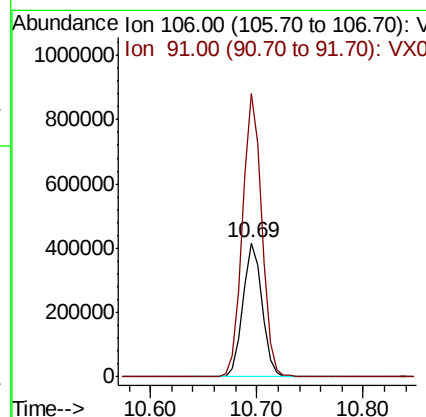
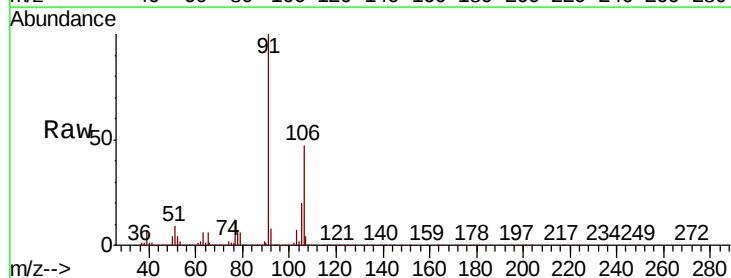
Instrument :
MSVOA_X
ClientSampleID :
PH2-0138DL

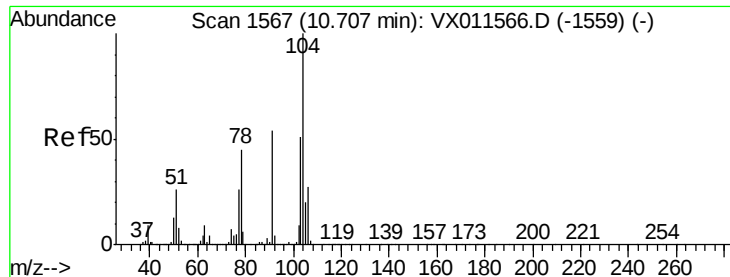
Tgt Ion:106 Resp: 858249
Ion Ratio Lower Upper
106 100
91 197.7 156.0 234.0



#69
o-Xylene
Concen: 81.545 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011692.D
Acq: 20 Aug 2019 18:09

Tgt Ion:106 Resp: 529494
Ion Ratio Lower Upper
106 100
91 211.9 105.5 316.4





#70

Styrene

Concen: 2.404 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.01 min

Lab File: VX011692.D

Acq: 20 Aug 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

PH2-0138DL

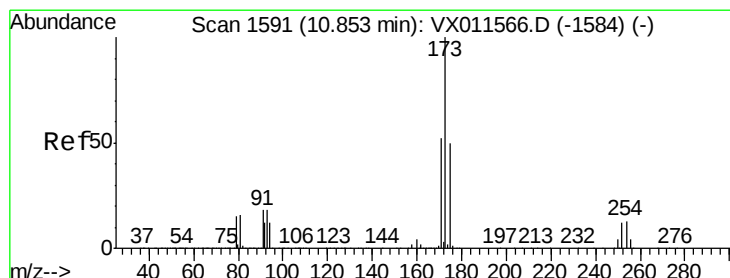
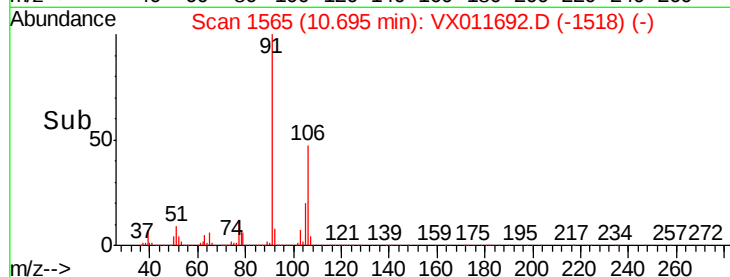
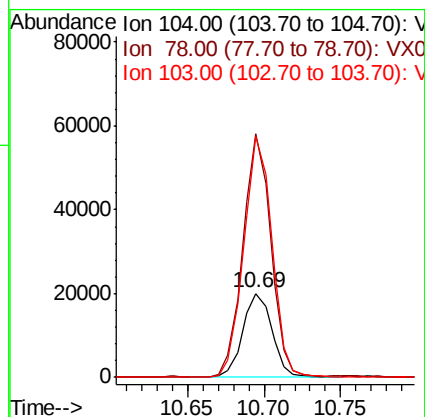
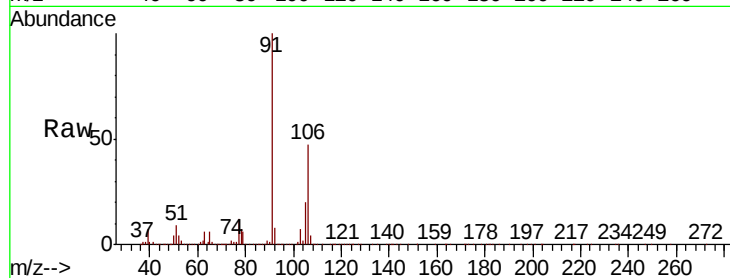
Tgt Ion:104 Resp: 26277

Ion Ratio Lower Upper

104 100

78 279.6 38.2 57.4#

103 281.9 43.6 65.4#



#71

Bromoform

Concen: 3.312 ug/l

RT: 10.74 min Scan# 1573

Delta R.T. -0.11 min

Lab File: VX011692.D

Acq: 20 Aug 2019 18:09

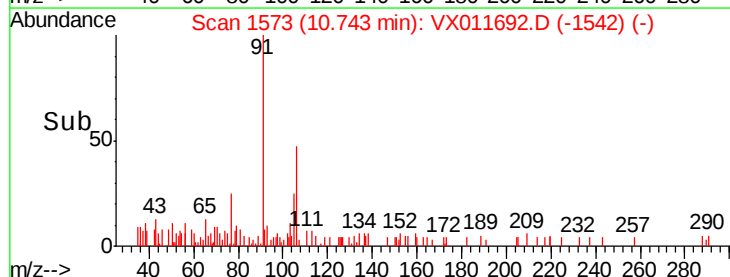
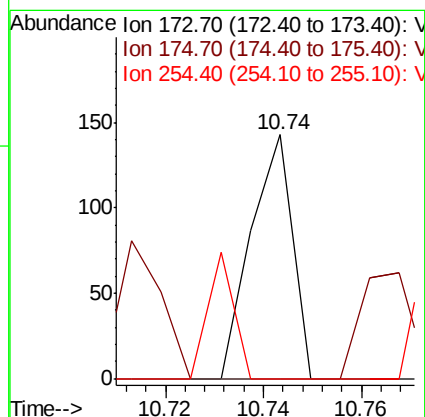
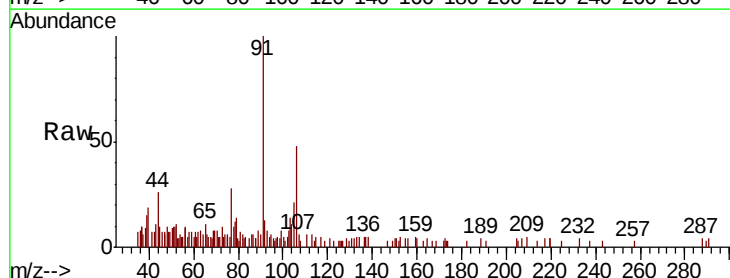
Tgt Ion:173 Resp: 84

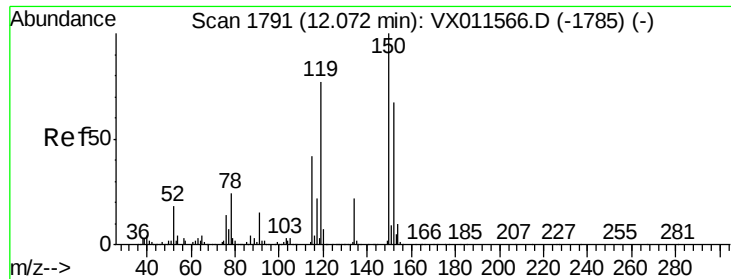
Ion Ratio Lower Upper

173 100

175 0.0 24.9 74.7#

254 32.1 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX011692.D

Acq: 20 Aug 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

PH2-0138DL

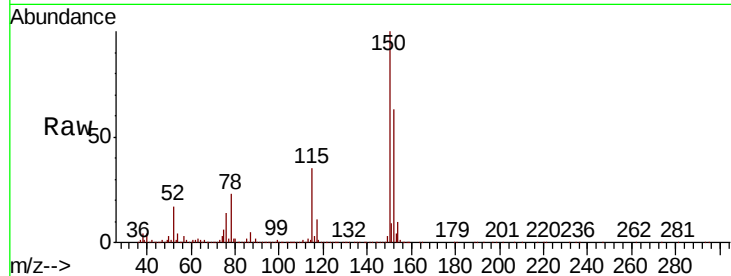
Tgt Ion:152 Resp: 255905

Ion Ratio Lower Upper

152 100

115 54.1 37.3 111.9

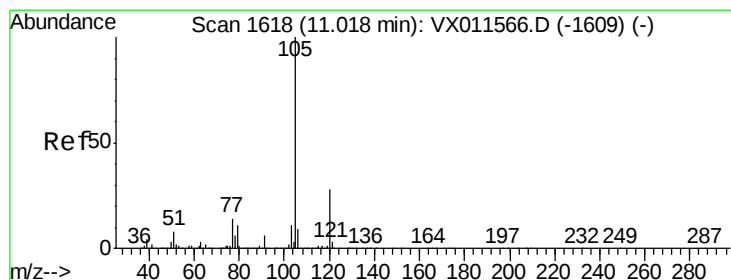
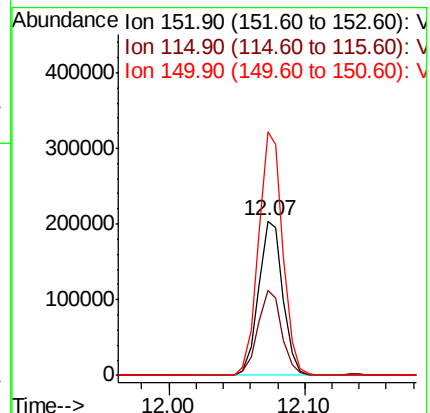
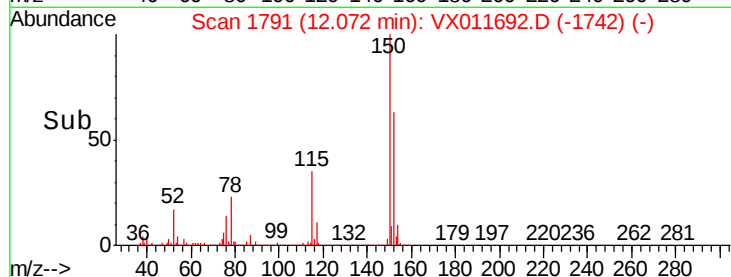
150 157.3 0.0 346.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 11.455 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011692.D

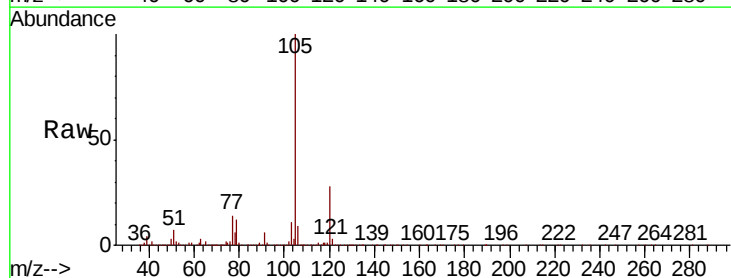
Acq: 20 Aug 2019 18:09

Tgt Ion:105 Resp: 190214

Ion Ratio Lower Upper

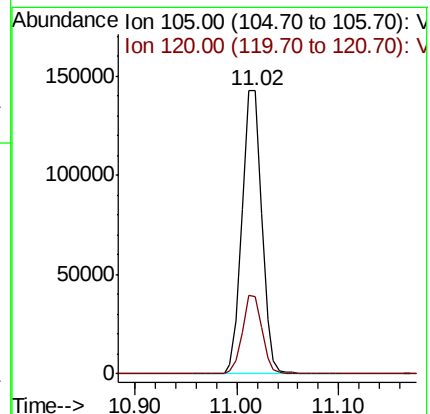
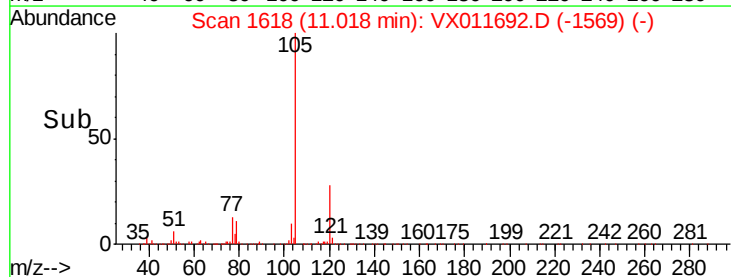
105 100

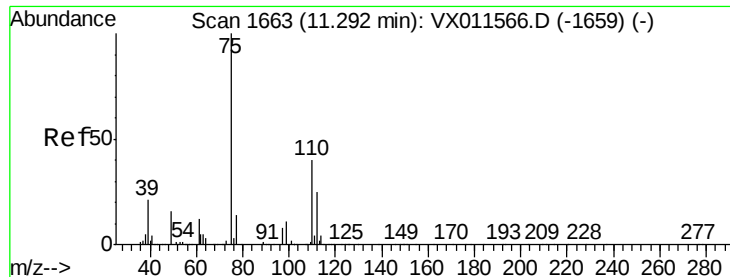
120 27.3 14.0 41.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

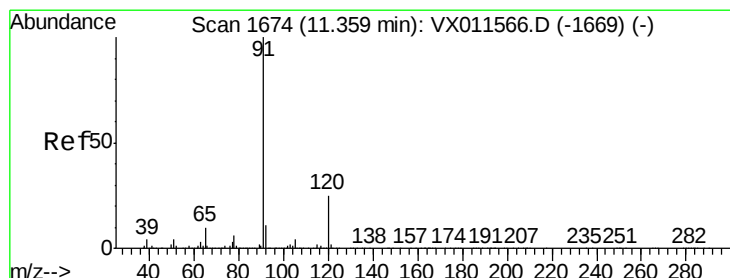
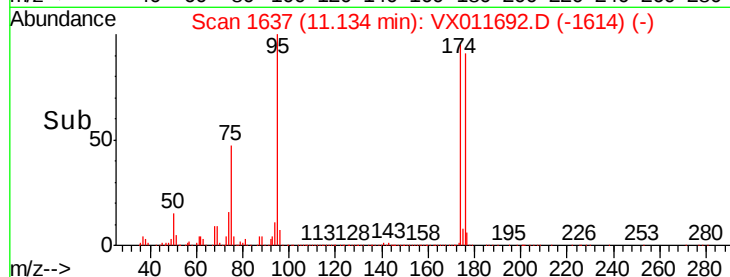
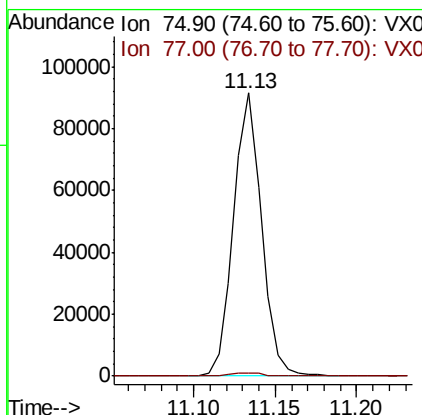
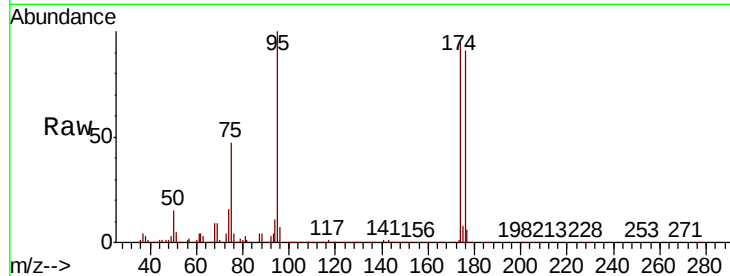




#76
 1,2,3-Trichloropropane
 Concen: 22.493 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX011692.D
 Acq: 20 Aug 2019 18:09

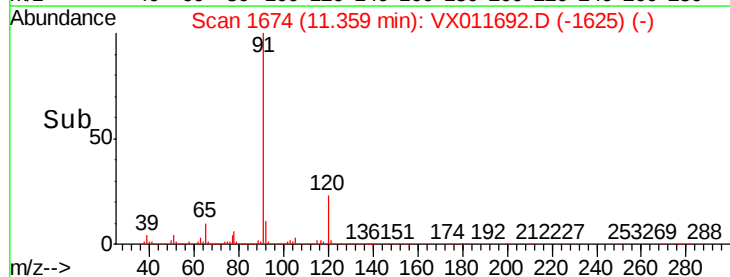
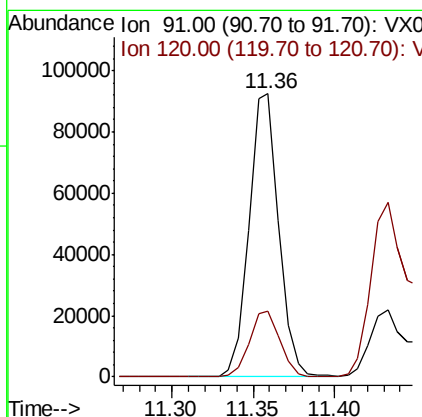
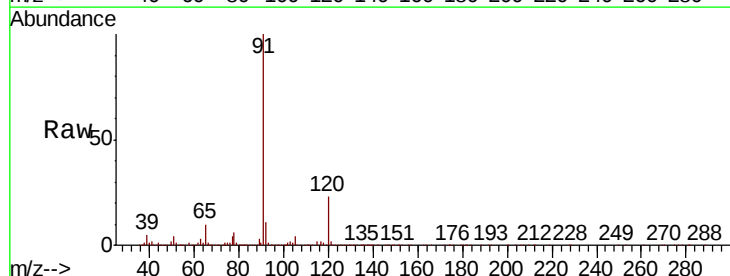
Instrument :
 MSVOA_X
 ClientSampleID :
 PH2-0138DL

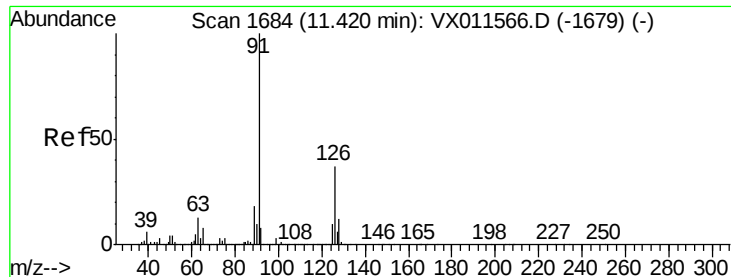
Tgt Ion: 75 Resp: 109150
 Ion Ratio Lower Upper
 75 100
 77 1.4 20.9 62.8#



#78
 n-propylbenzene
 Concen: 6.547 ug/l
 RT: 11.36 min Scan# 1674
 Delta R.T. 0.00 min
 Lab File: VX011692.D
 Acq: 20 Aug 2019 18:09

Tgt Ion: 91 Resp: 117234
 Ion Ratio Lower Upper
 91 100
 120 24.1 12.6 37.6

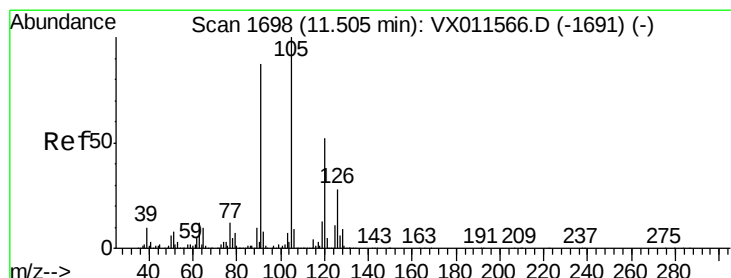
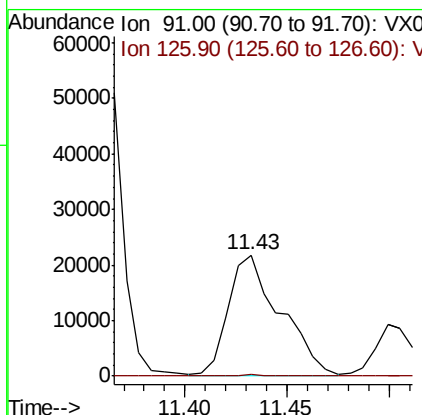
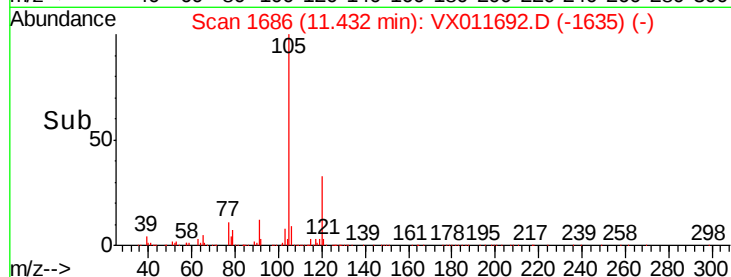
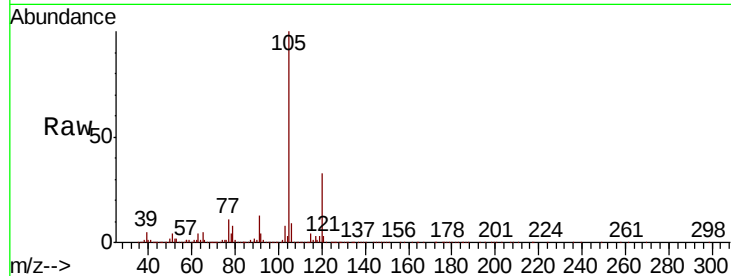




#79
2-Chlorotoluene
Concen: 3.471 ug/l
RT: 11.43 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VX011692.D
Acq: 20 Aug 2019 18:09

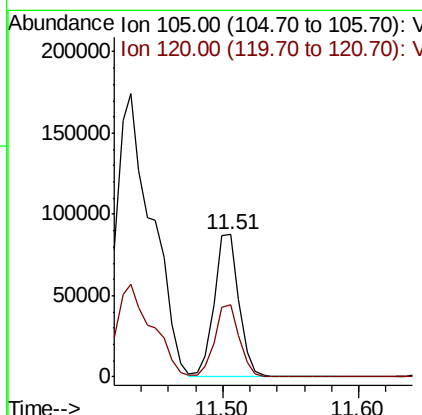
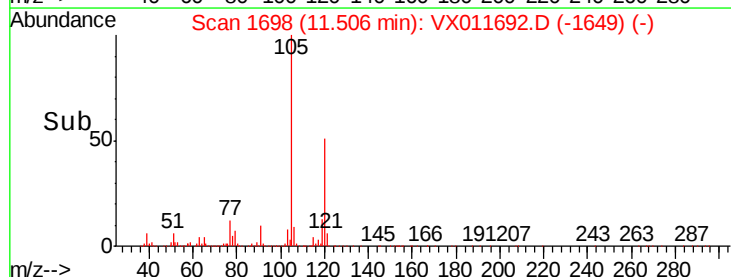
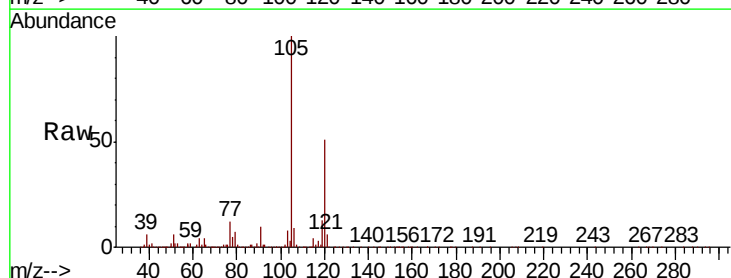
Instrument :
MSVOA_X
ClientSampleId :
PH2-0138DL

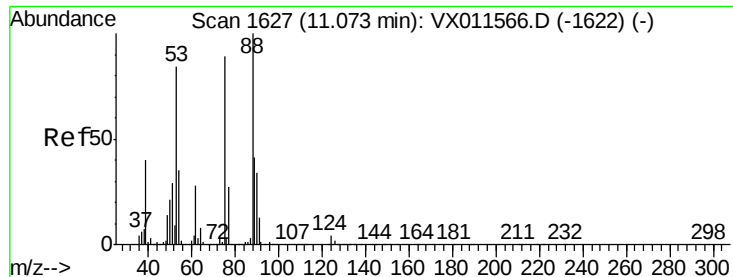
Tgt Ion: 91 Resp: 38168
Ion Ratio Lower Upper
91 100
126 0.4 18.4 55.0#



#80
1,3,5-Trimethylbenzene
Concen: 7.931 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX011692.D
Acq: 20 Aug 2019 18:09

Tgt Ion: 105 Resp: 110625
Ion Ratio Lower Upper
105 100
120 50.2 25.3 75.8

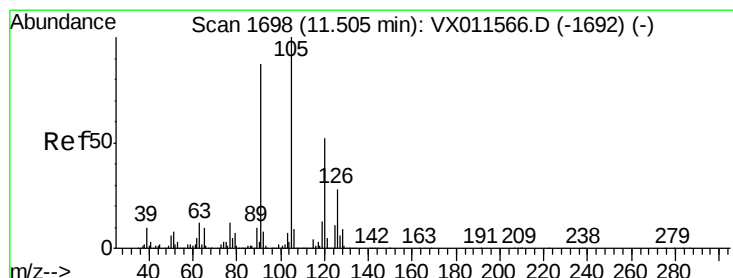
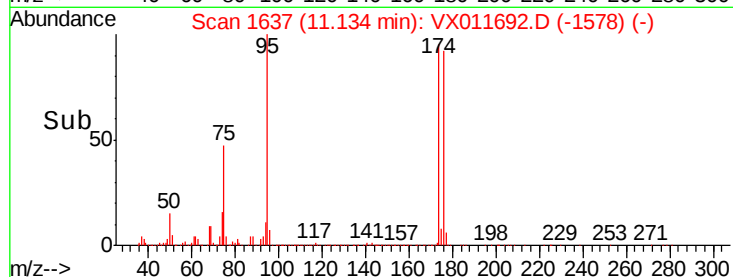
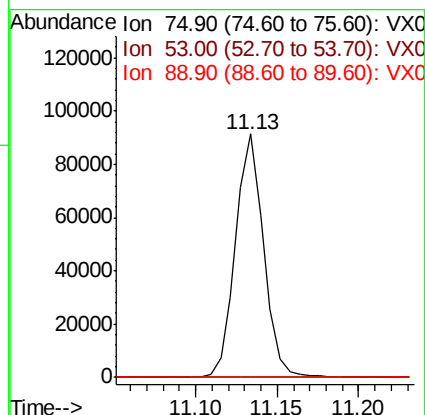
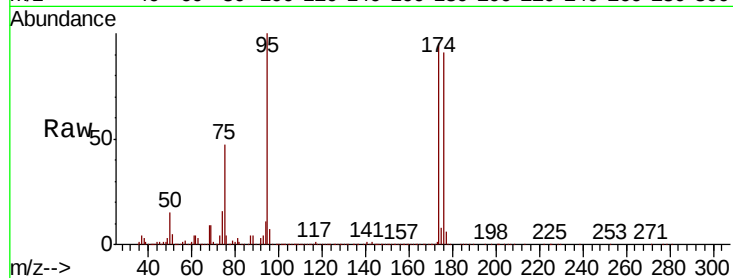




#81
trans-1,4-Dichloro-2-butene
Concen: 59.952 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX011692.D
Acq: 20 Aug 2019 18:09

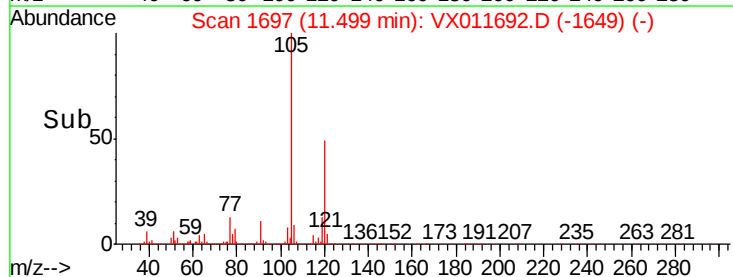
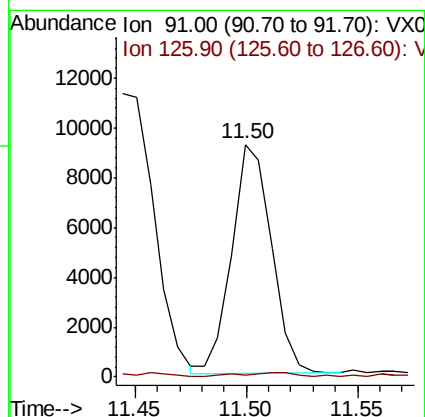
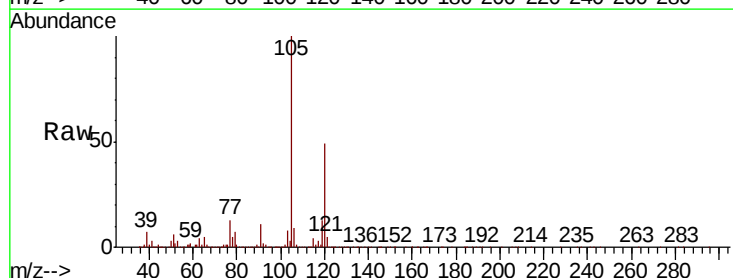
Instrument :
MSVOA_X
ClientSampleId :
PH2-0138DL

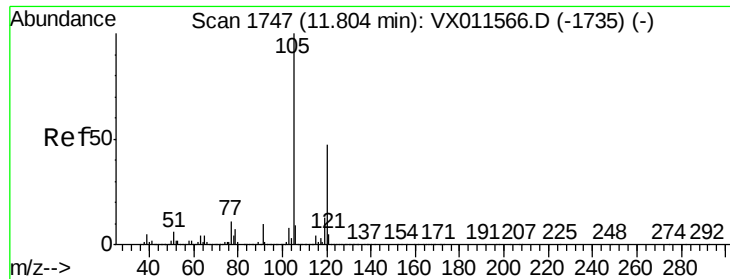
Tgt Ion: 75 Resp: 109150
Ion Ratio Lower Upper
75 100
53 0.2 77.4 116.0#
89 0.0 37.3 55.9#



#82
4-Chlorotoluene
Concen: 0.894 ug/l
RT: 11.50 min Scan# 1697
Delta R.T. -0.01 min
Lab File: VX011692.D
Acq: 20 Aug 2019 18:09

Tgt Ion: 91 Resp: 11403
Ion Ratio Lower Upper
91 100
126 2.6 16.4 49.1#

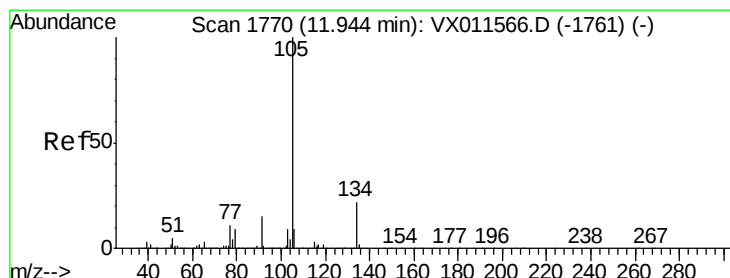
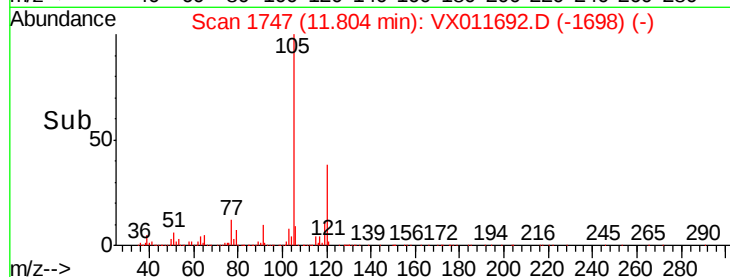
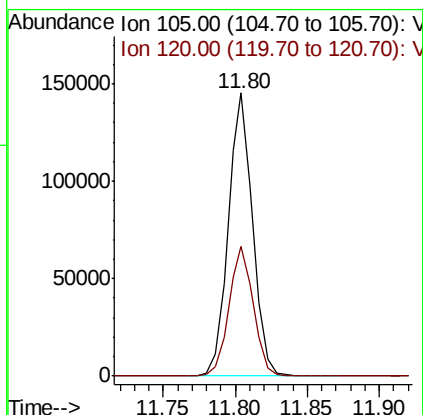
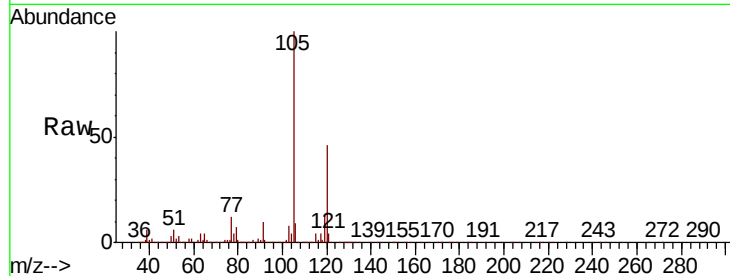




#84
 1,2,4-Trimethylbenzene
 Concen: 12.217 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX011692.D
 Acq: 20 Aug 2019 18:09

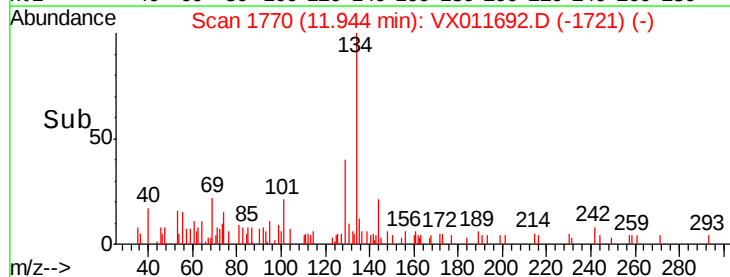
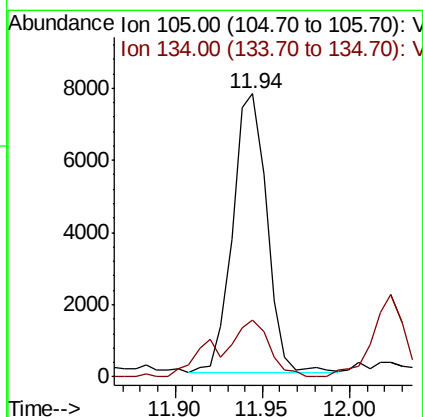
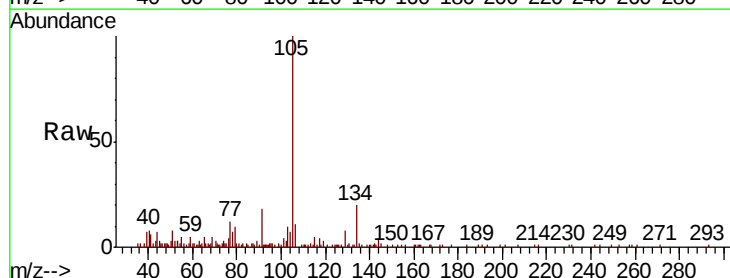
Instrument :
 MSVOA_X
 ClientSampleId :
 PH2-0138DL

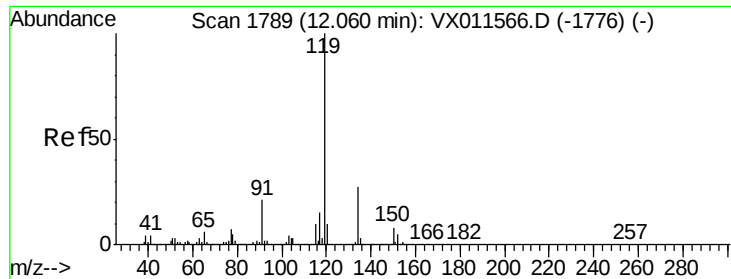
Tgt Ion:105 Resp: 171086
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.3 69.9



#85
 sec-Butylbenzene
 Concen: 0.649 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX011692.D
 Acq: 20 Aug 2019 18:09

Tgt Ion:105 Resp: 10410
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.8 32.4

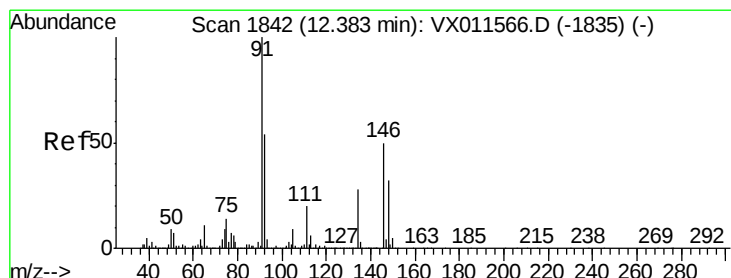
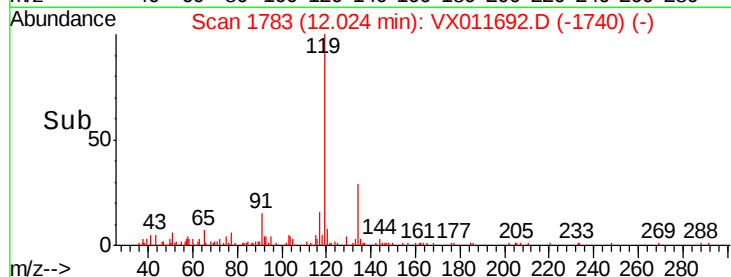
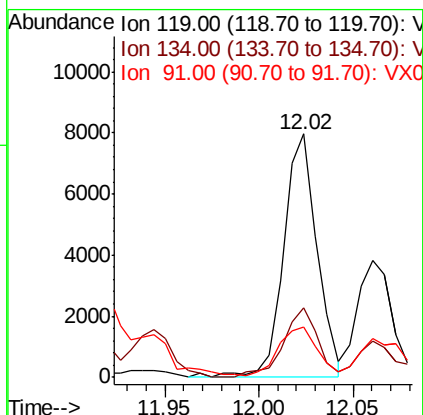
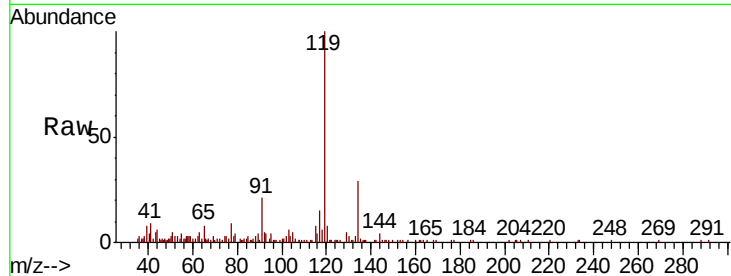




#86
p-Isopropyltoluene
Concen: 0.649 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.04 min
Lab File: VX011692.D
Acq: 20 Aug 2019 18:09

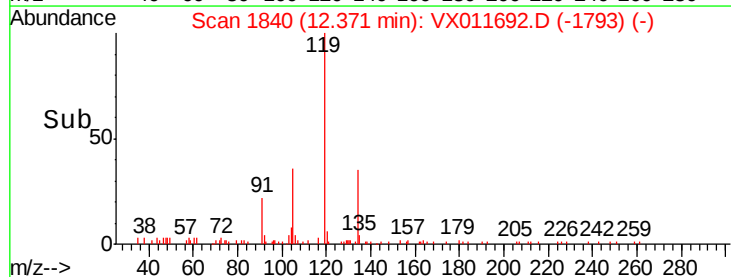
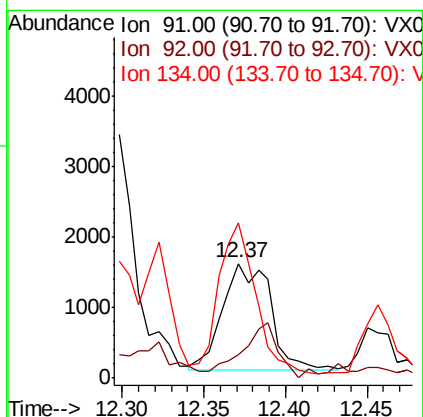
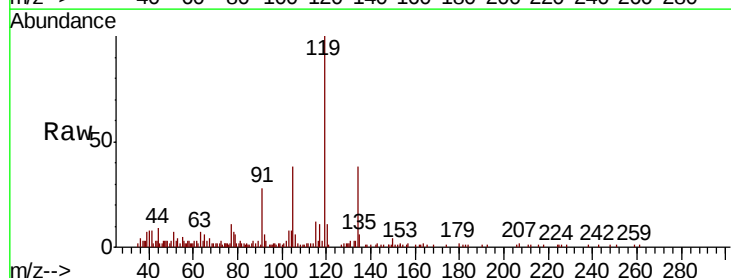
Instrument :
MSVOA_X
ClientSampled :
PH2-0138DL

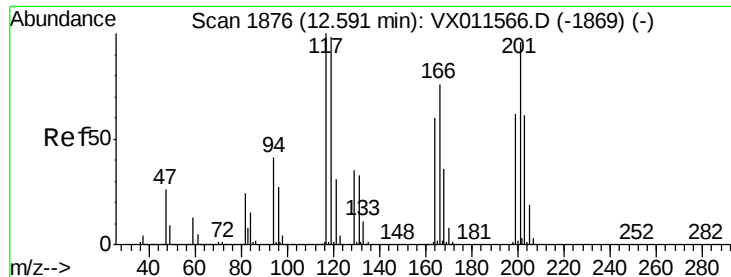
Tgt Ion: 119 Resp: 9781
Ion Ratio Lower Upper
119 100
134 29.4 13.6 40.8
91 22.6 10.9 32.9



#89
n-Butylbenzene
Concen: 0.249 ug/l
RT: 12.37 min Scan# 1840
Delta R.T. -0.01 min
Lab File: VX011692.D
Acq: 20 Aug 2019 18:09

Tgt Ion: 91 Resp: 3083
Ion Ratio Lower Upper
91 100
92 39.6 26.8 80.3
134 112.8 14.6 44.0#

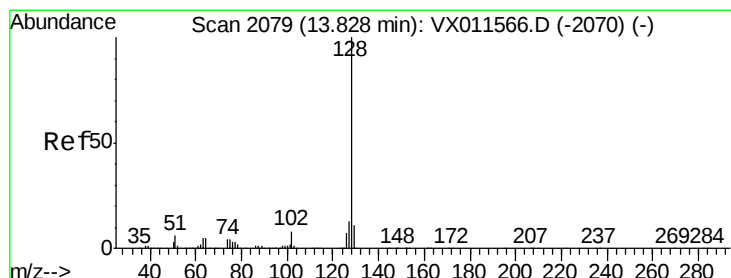
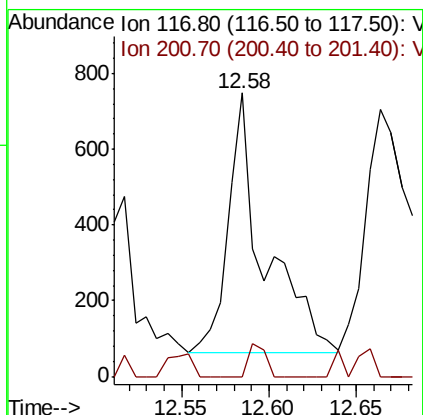
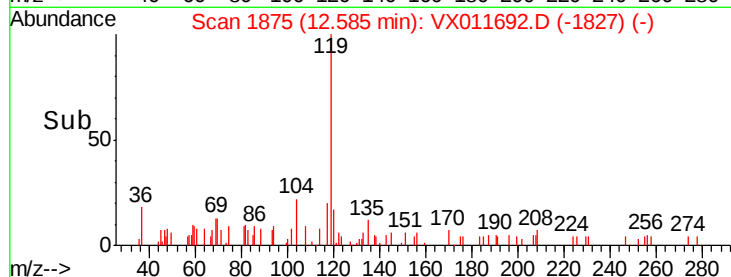
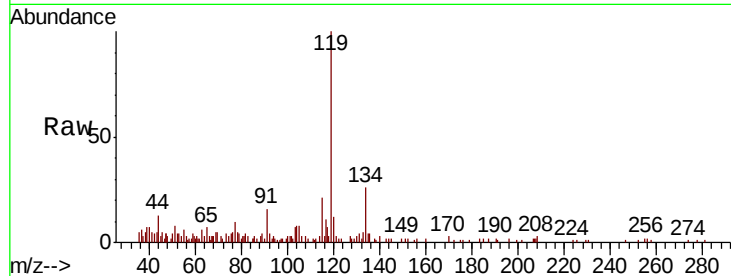




#90
Hexachloroethane
Concen: 0.413 ug/l
RT: 12.58 min Scan# 1875
Delta R.T. -0.01 min
Lab File: VX011692.D
Acq: 20 Aug 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :
PH2-0138DL

Tgt Ion:117 Resp: 984
Ion Ratio Lower Upper
117 100
201 5.8 51.9 155.7#



#95
Naphthalene
Concen: 3.117 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. 0.00 min
Lab File: VX011692.D
Acq: 20 Aug 2019 18:09

Tgt Ion:128 Resp: 55968
Ion Ratio Lower Upper
128 100
127 13.9 10.3 15.5
129 11.6 8.7 13.1

