

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061319\
 Data File : VX010276.D
 Acq On : 13 Jun 2019 16:36
 Operator : JC/SP
 Sample : K3274-05ME
 Misc : 4.85µl/10mL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 14 03:34:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	290394	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	442345	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	391010	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	209460	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	129733	45.77	ug/l	0.00
Spiked Amount			Recovery	=	91.54%	
35) Dibromofluoromethane	5.50	113	130978	48.00	ug/l	0.00
Spiked Amount			Recovery	=	96.00%	
50) Toluene-d8	8.71	98	508739	49.75	ug/l	0.00
Spiked Amount			Recovery	=	99.50%	
62) 4-Bromofluorobenzene	11.14	95	181635	47.56	ug/l	0.00
Spiked Amount			Recovery	=	95.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	715	0.269	ug/l #	71
4) Vinyl Chloride	1.40	62	1104	0.443	ug/l	90
5) Bromomethane	1.64	94	355	0.377	ug/l	97
10) Methyl Iodide	2.48	142	1025	0.259	ug/l #	94
11) Tert butyl alcohol	3.02	59	10377	14.944	ug/l #	78
13) Acrolein	2.28	56	234	1.848	ug/l	85
16) Acetone	2.50	43	4205	3.154	ug/l	92
18) Methyl Acetate	2.79	43	5036	1.718	ug/l #	79
36) 1,1-Dichloropropene	5.65	75	17555	4.864	ug/l #	52
38) Carbon Tetrachloride	5.65	117	25076	6.139	ug/l #	14
49) 1,4-Dioxane	7.79	88	22	0.263	ug/l #	1
51) 4-Methyl-2-Pentanone	8.67	43	791	0.211	ug/l #	39
55) 1,1,2-Trichloroethane	9.16	97	1728	0.575	ug/l #	23
67) Ethyl Benzene	10.25	91	13373	0.973	ug/l	100
68) m/p-Xylenes	10.36	106	23933	4.502	ug/l	87
69) o-Xylene	10.70	106	19301	3.652	ug/l	86
73) Isopropylbenzene	11.02	105	46263	3.164	ug/l	96
74) N-amyl acetate	10.91	43	21079	3.647	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	9112	1.821	ug/l #	25
76) 1,2,3-Trichloropropane	11.43	75	4160	0.993	ug/l #	1
78) n-propylbenzene	11.36	91	115710	7.108	ug/l	95
79) 2-Chlorotoluene	11.43	91	59200	6.055	ug/l #	43
80) 1,3,5-Trimethylbenzene	11.51	105	131969	10.716	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.14	75	80875	42.650	ug/l #	12
82) 4-Chlorotoluene	11.51	91	14384	1.295	ug/l #	49
83) tert-Butylbenzene	11.81	119	61972	4.972	ug/l #	64
84) 1,2,4-Trimethylbenzene	11.80	105	489740	39.369	ug/l	94
85) sec-Butylbenzene	11.94	105	252874	17.413	ug/l	91
86) p-Isopropyltoluene	12.07	119	145499	10.960	ug/l	97
89) n-Butylbenzene	12.38	91	271670	23.773	ug/l #	25
90) Hexachloroethane	12.58	117	42831	16.196	ug/l #	6
92) 1,2-Dibromo-3-Chloropropan	12.98	75	3684	3.128	ug/l #	30
93) 1,2,4-Trichlorobenzene	13.60	180	2783	0.552	ug/l #	1
95) Naphthalene	13.83	128	473640	29.853	ug/l #	91

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ClientSampleId :

Quant Time: Jun 14 03:34:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 2019
Response via : Initial Calibration

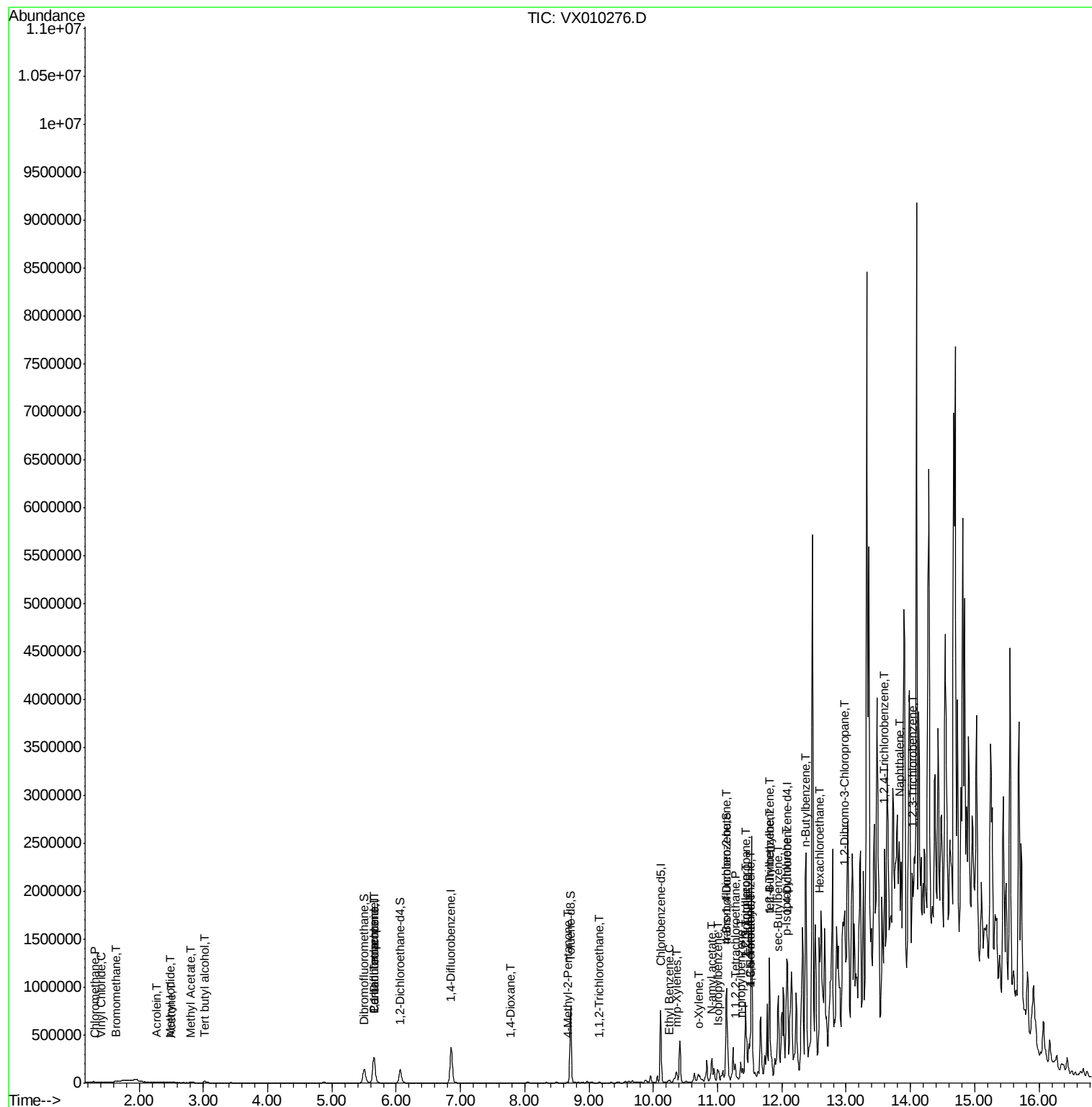
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	14.04	180	12355	2.479	ug/l #	1

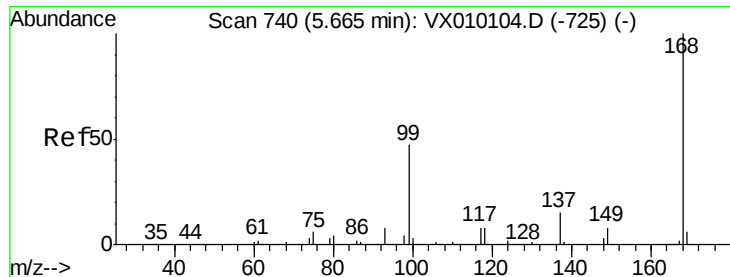
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX061319\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.01 min

Lab File: VX010276.D

Acq: 13 Jun 2019 16:36

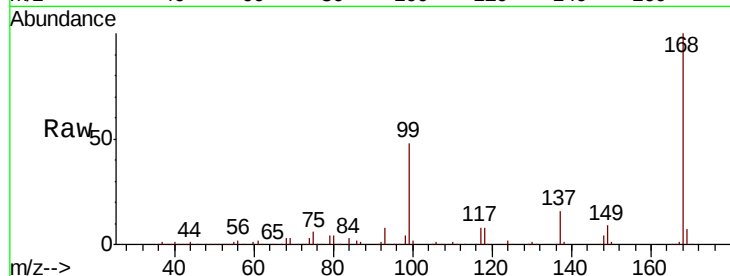
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 290394

Ion Ratio Lower Upper

168 100

99 47.9 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

100000

80000

60000

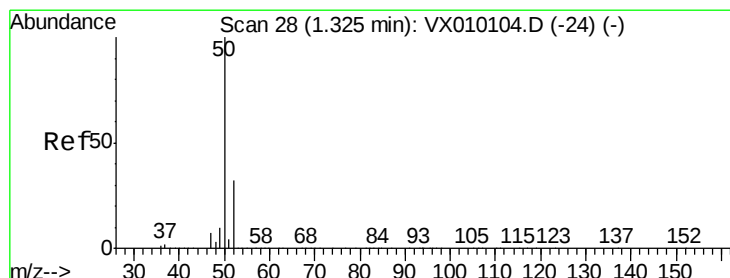
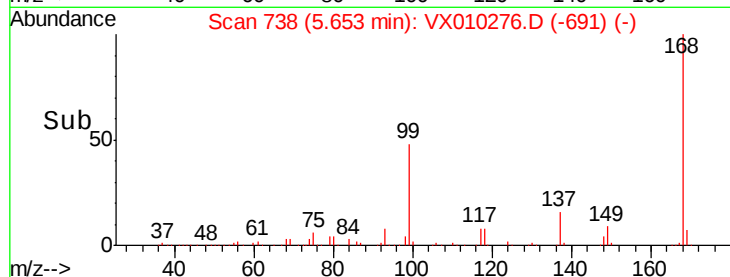
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.269 ug/l

RT: 1.32 min Scan# 27

Delta R.T. -0.01 min

Lab File: VX010276.D

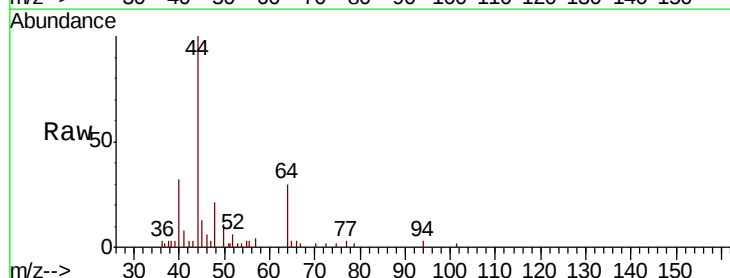
Acq: 13 Jun 2019 16:36

Tgt Ion: 50 Resp: 715

Ion Ratio Lower Upper

50 100

52 48.5 26.0 39.0#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

400

300

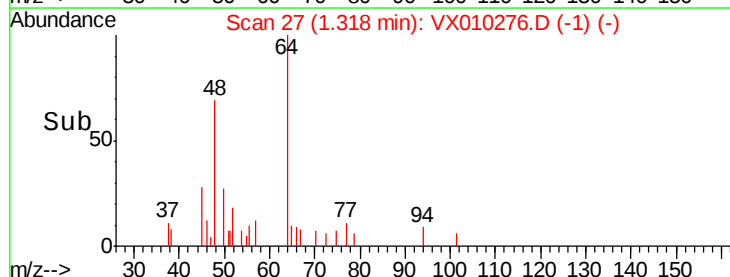
200

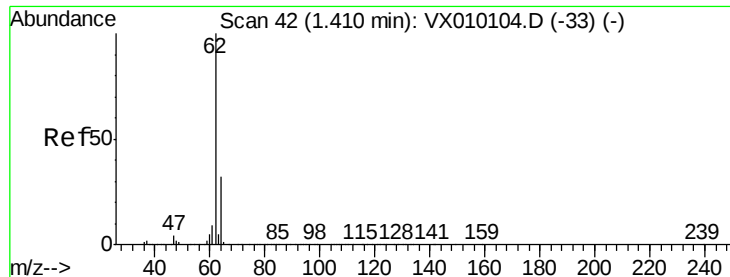
100

0

Time-->

1.30 1.35 1.40





#4

Vinyl Chloride

Concen: 0.443 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX010276.D

Acq: 13 Jun 2019 16:36

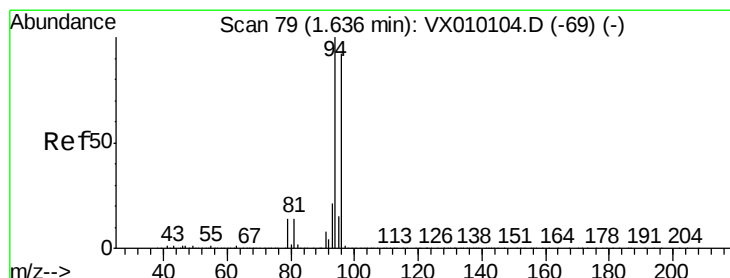
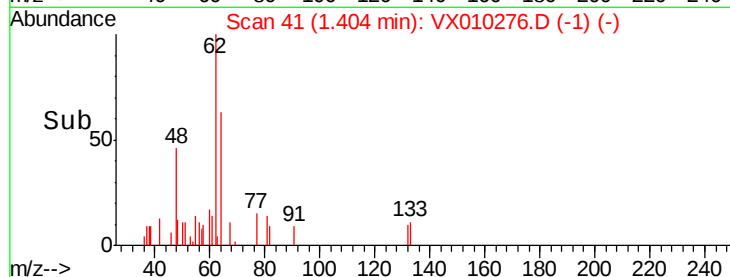
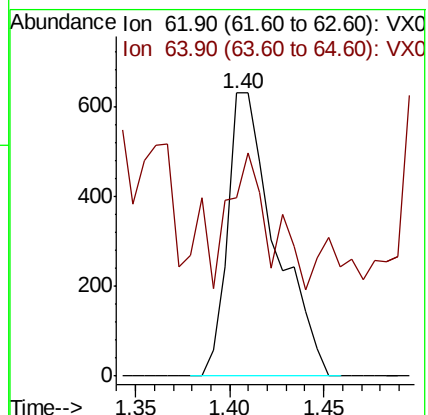
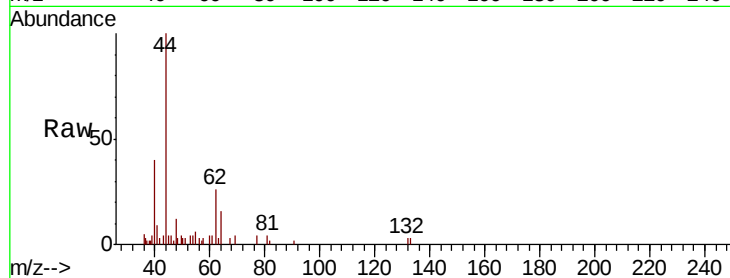
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 62 Resp: 1104

Ion Ratio Lower Upper

62 100

64 26.6 25.7 38.5



#5

Bromomethane

Concen: 0.377 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX010276.D

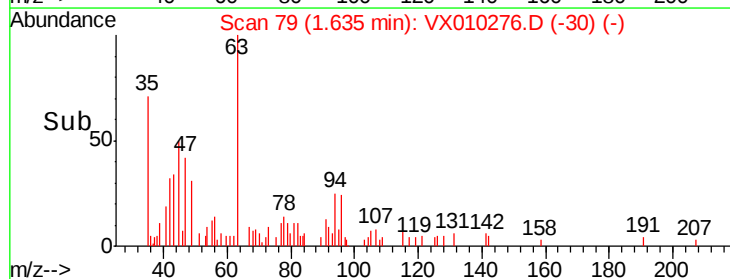
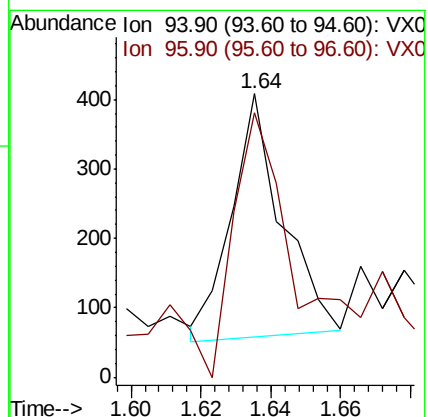
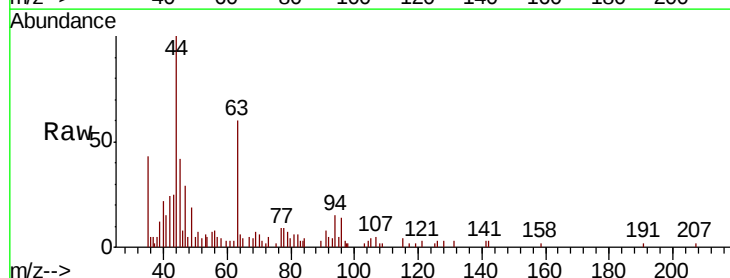
Acq: 13 Jun 2019 16:36

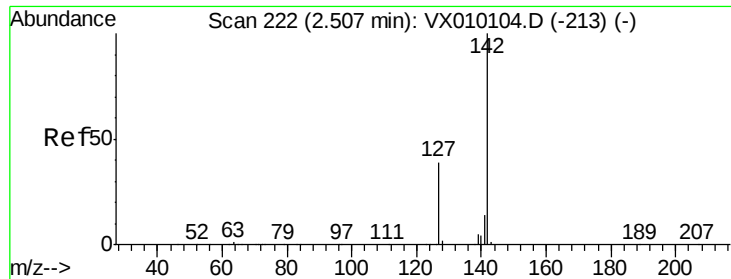
Tgt Ion: 94 Resp: 355

Ion Ratio Lower Upper

94 100

96 92.6 76.2 114.4

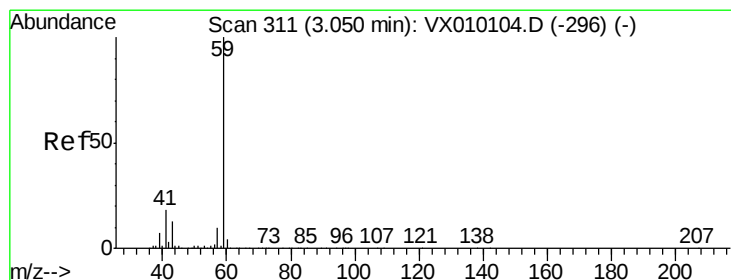
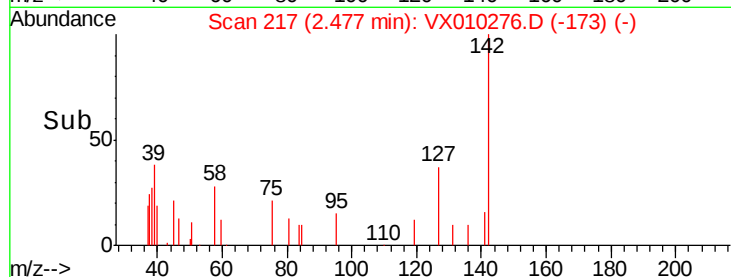
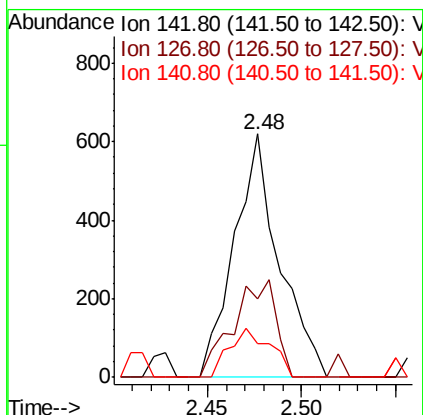
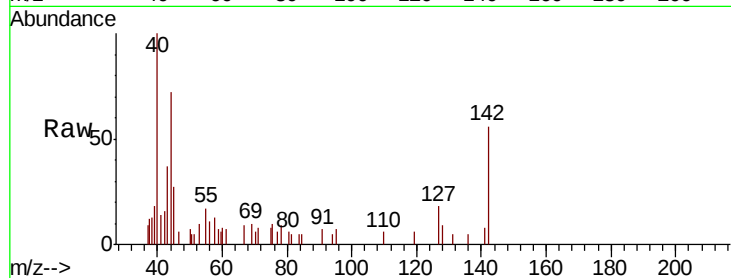




#10
Methvl Iodide
Concen: 0.259 ug/l
RT: 2.48 min Scan# 217
Delta R.T. -0.03 min
Lab File: VX010276.D
Acq: 13 Jun 2019 16:36

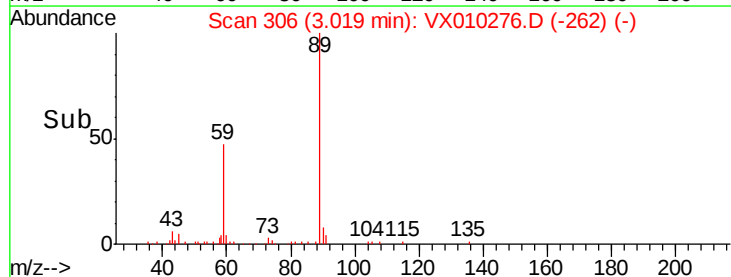
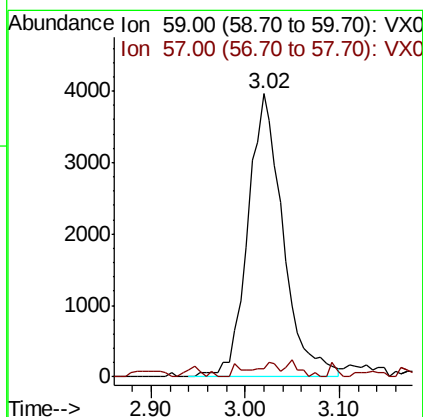
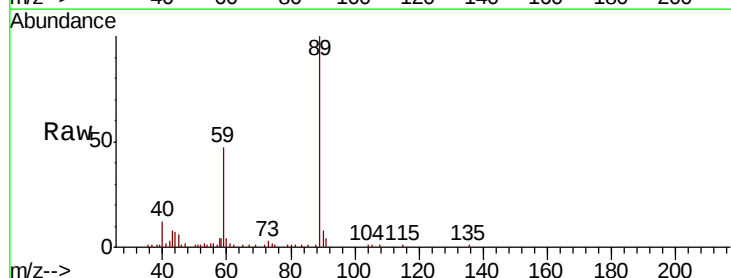
Instrument :
MSVOA_X
ClientSampleId :

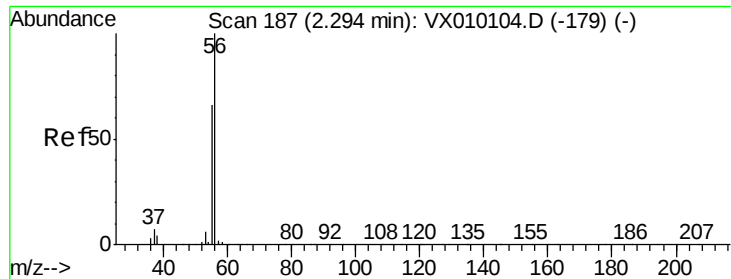
Tot Ion	Ratio	Lower	Upper
142	100		
127	38.0	33.0	49.4
141	18.1	11.4	17.0#



#11
Tert butyl alcohol
Concen: 14.944 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.03 min
Lab File: VX010276.D
Acq: 13 Jun 2019 16:36

Tgt Ion	Ratio	Lower	Upper
59	100		
57	2.0	8.2	12.2#





#13

Acrolein

Concen: 1.848 ug/l

RT: 2.28 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX010276.D

Acq: 13 Jun 2019 16:36

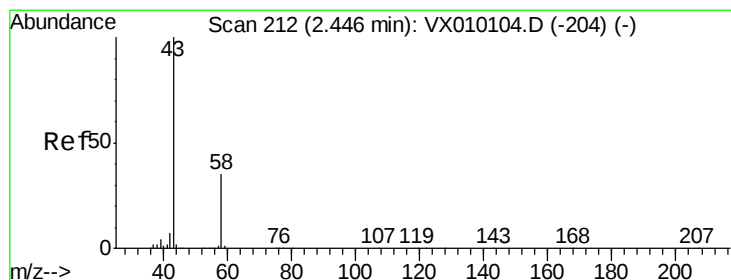
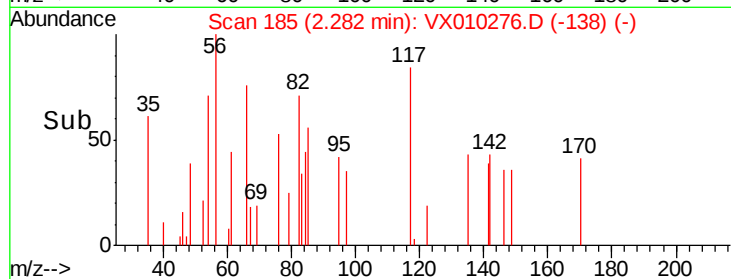
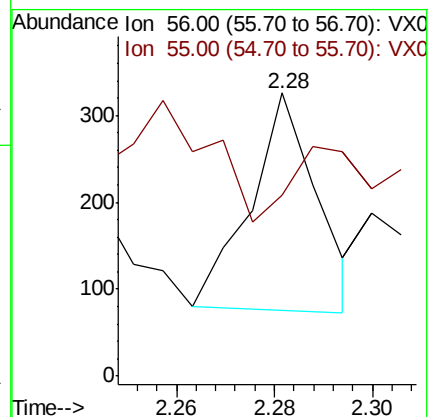
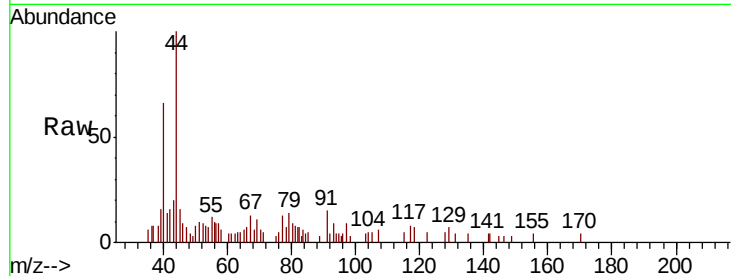
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 234

Ion Ratio Lower Upper

56 100

55 59.0 57.0 85.4



#16

Acetone

Concen: 3.154 ug/l

RT: 2.50 min Scan# 221

Delta R.T. 0.05 min

Lab File: VX010276.D

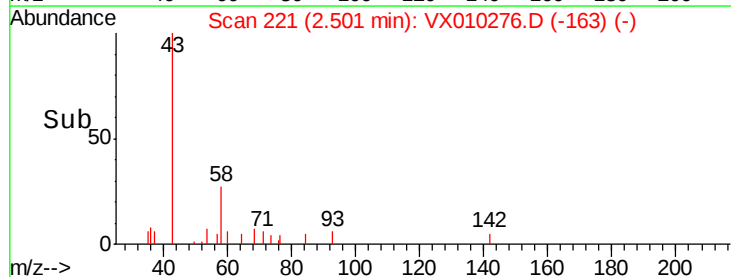
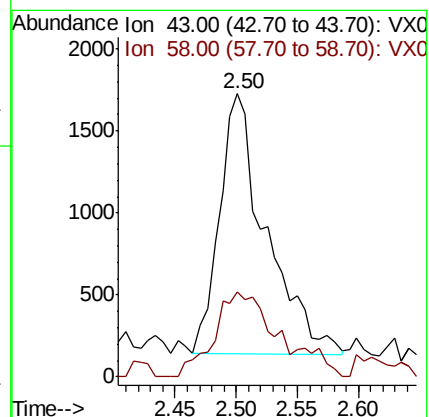
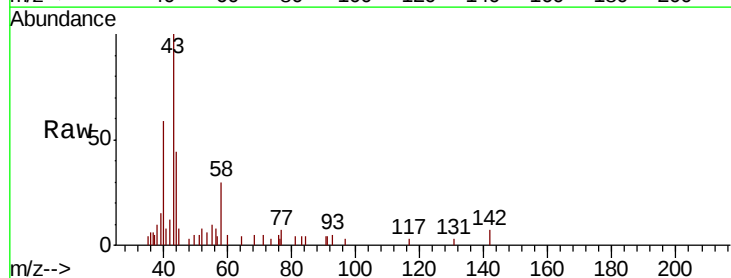
Acq: 13 Jun 2019 16:36

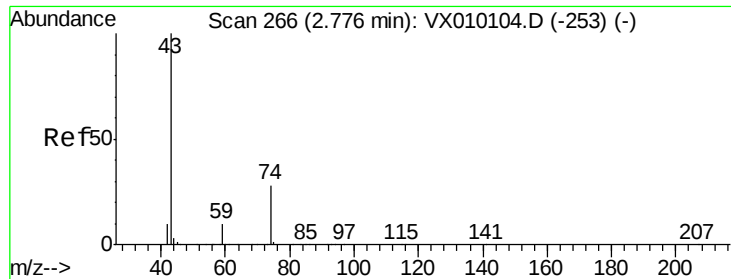
Tgt Ion: 43 Resp: 4205

Ion Ratio Lower Upper

43 100

58 33.0 23.2 34.8

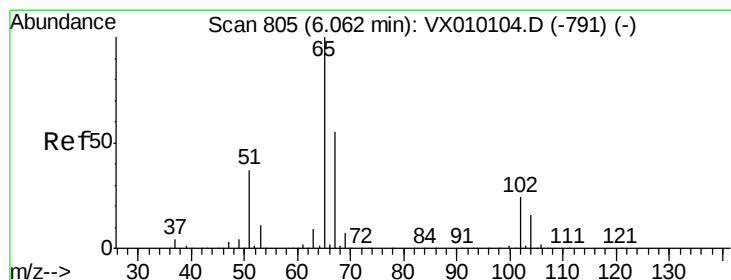
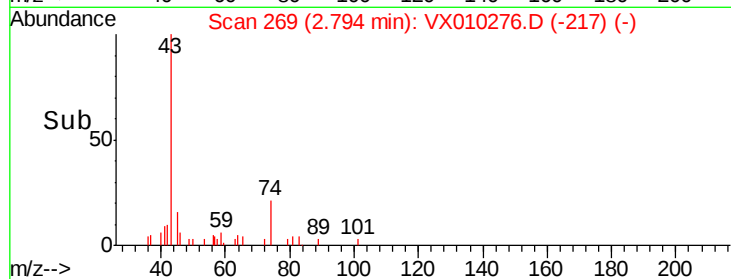
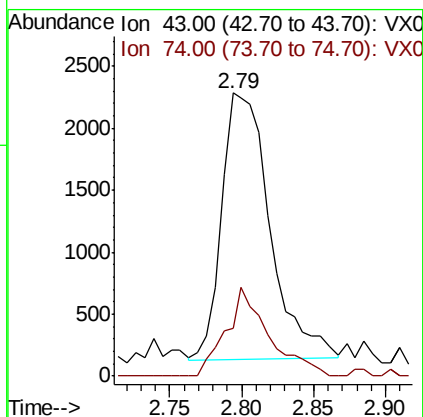
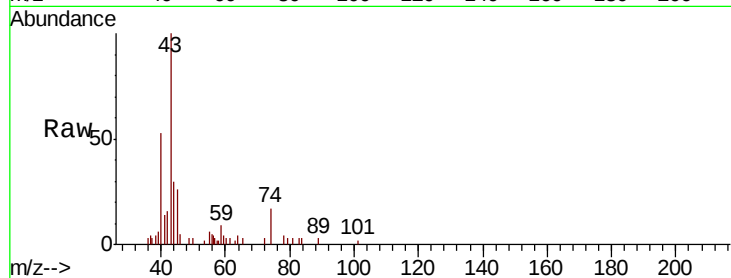




#18
Methvl Acetate
Concen: 1.718 ug/l
RT: 2.79 min Scan# 269
Delta R.T. 0.02 min
Lab File: VX010276.D
Acq: 13 Jun 2019 16:36

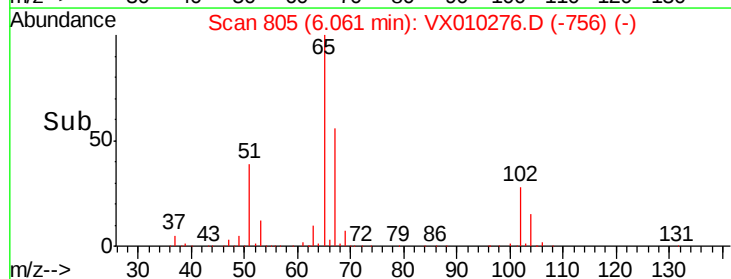
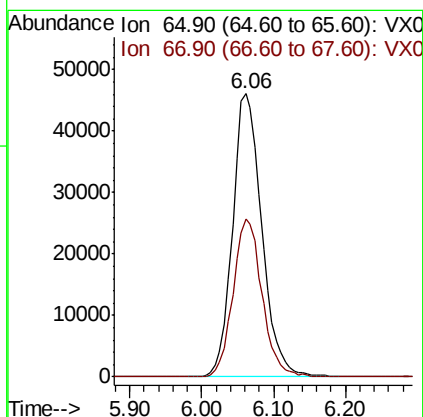
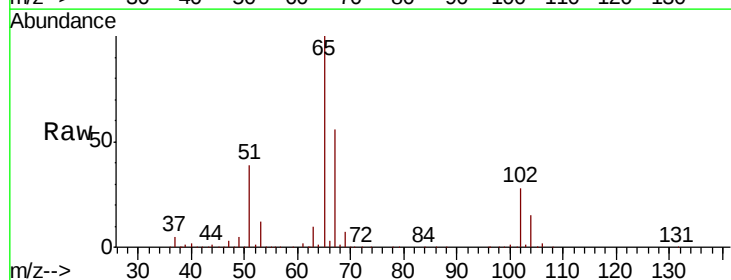
Instrument :
MSVOA_X
ClientSampleId :

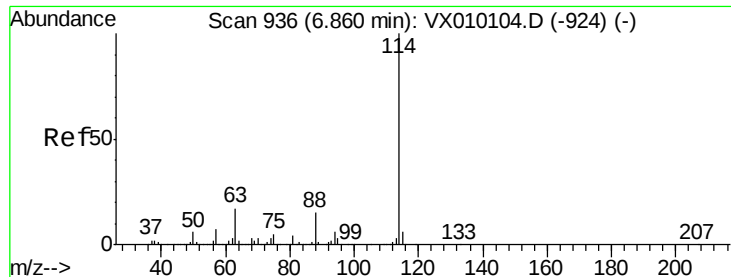
Tot Ion: 43 Resp: 5036
Ion Ratio Lower Upper
43 100
74 29.5 15.8 23.6#



#33
1,2-Dichloroethane-d4
Concen: 45.768 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010276.D
Acq: 13 Jun 2019 16:36

Tgt Ion: 65 Resp: 129733
Ion Ratio Lower Upper
65 100
67 55.4 0.0 108.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX010276.D

Acq: 13 Jun 2019 16:36

Instrument :

MSVOA_X

ClientSampleId :

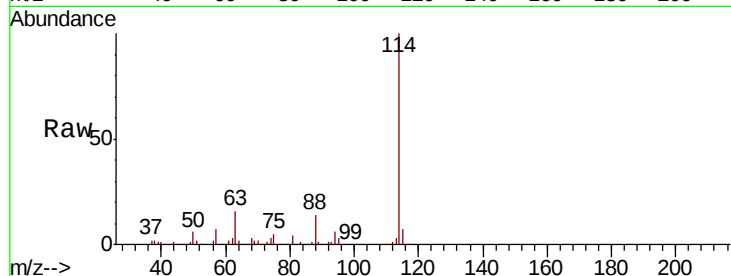
Tot Ion:114 Resp: 442345

Ion Ratio Lower Upper

114 100

63 16.2 0.0 47.4

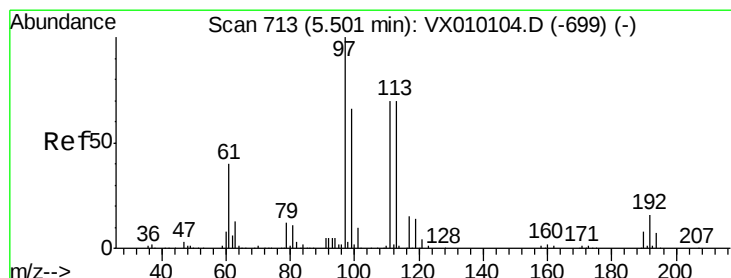
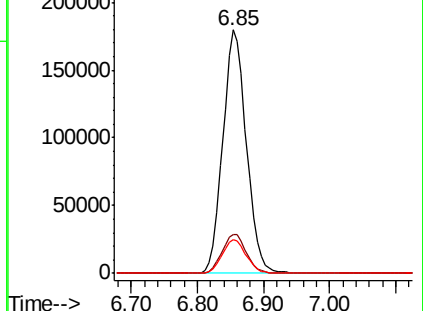
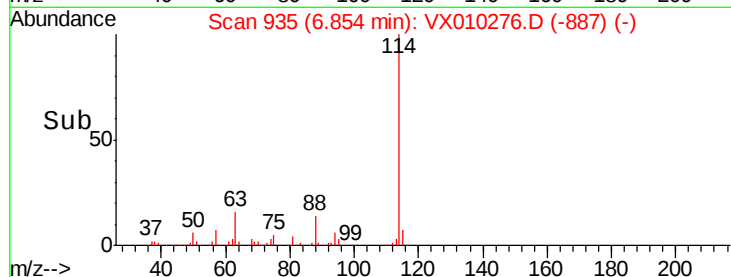
88 13.7 0.0 33.0



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: 48.004 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010276.D

Acq: 13 Jun 2019 16:36

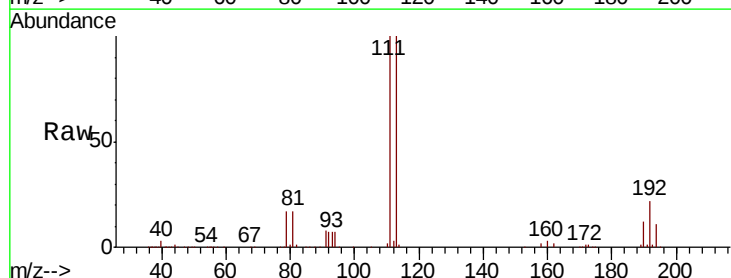
Tgt Ion:113 Resp: 130978

Ion Ratio Lower Upper

113 100

111 101.1 82.2 123.2

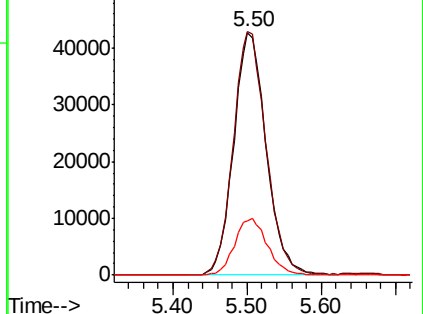
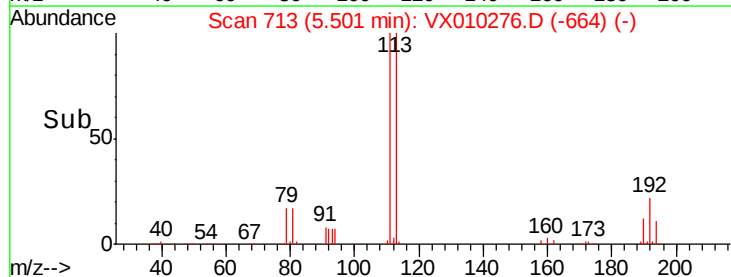
192 23.5 17.1 25.7

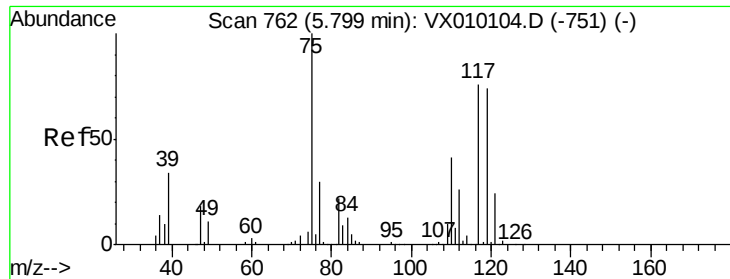


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

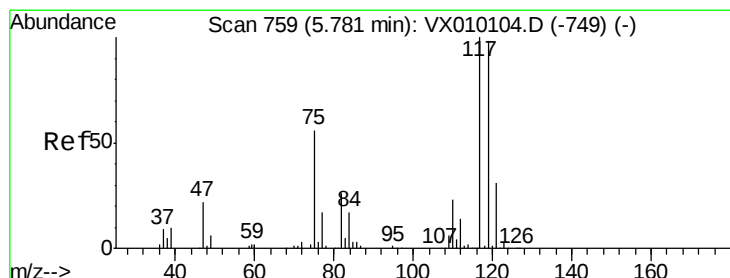
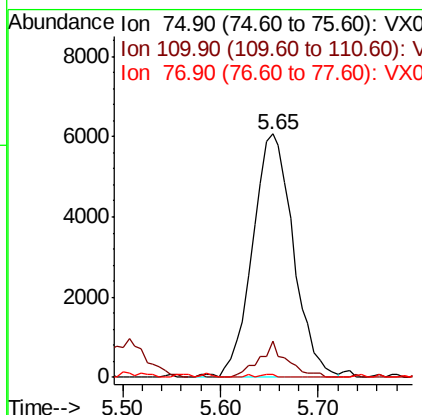
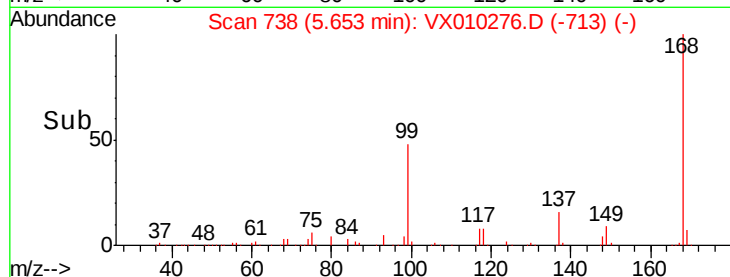
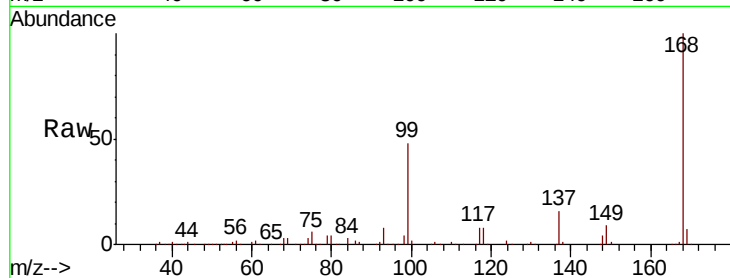




#36
 1,1-Dichloropropene
 Concen: 4.864 ug/l
 RT: 5.65 min Scan# 738
 Delta R.T. -0.15 min
 Lab File: VX010276.D
 Acq: 13 Jun 2019 16:36

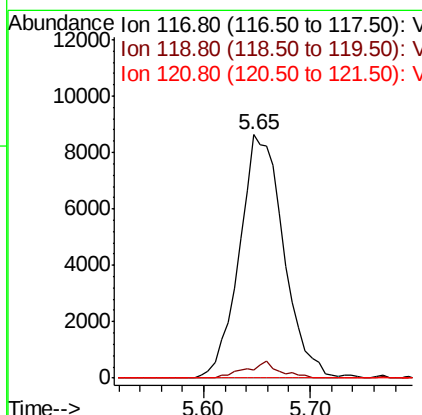
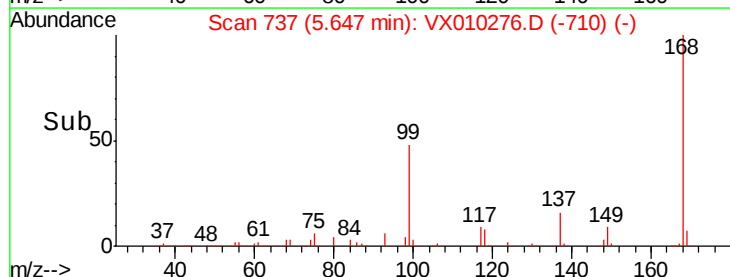
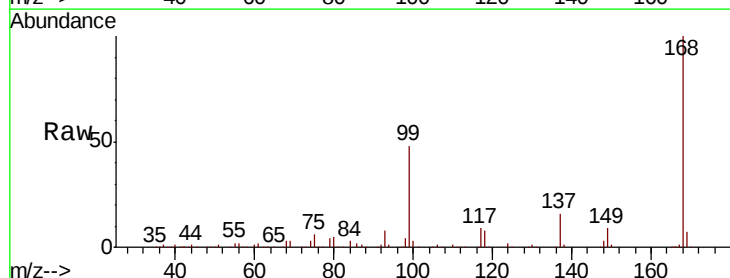
Instrument :
 MSVOA_X
 ClientSampleId :

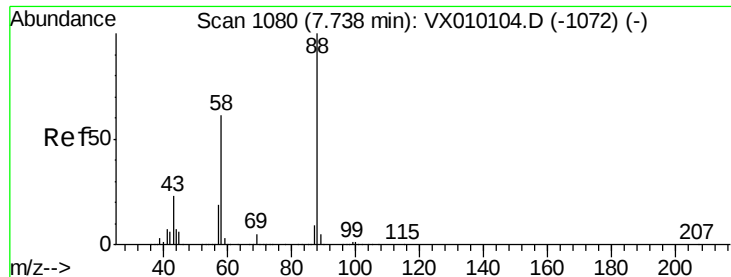
Tot Ion: 75 Resp: 17555
 Ion Ratio Lower Upper
 75 100
 110 10.1 16.7 50.1#
 77 0.4 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 6.139 ug/l
 RT: 5.65 min Scan# 737
 Delta R.T. -0.13 min
 Lab File: VX010276.D
 Acq: 13 Jun 2019 16:36

Tgt Ion: 117 Resp: 25076
 Ion Ratio Lower Upper
 117 100
 119 3.3 77.3 115.9#
 121 0.0 25.4 38.0#

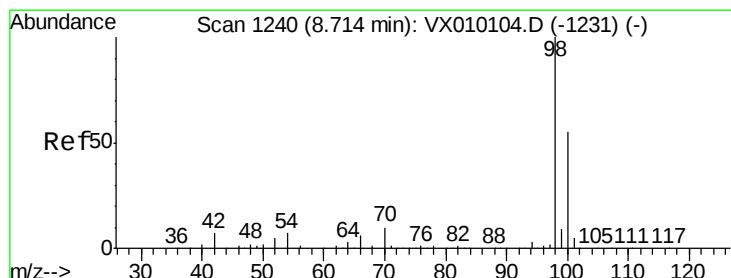
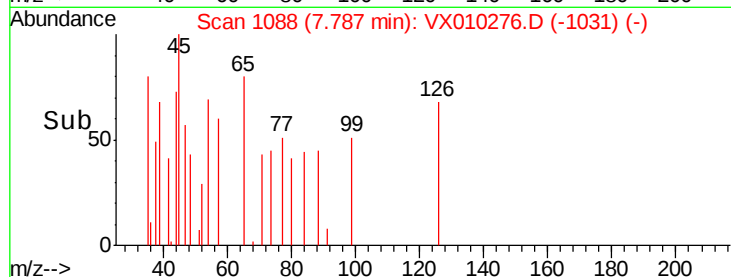
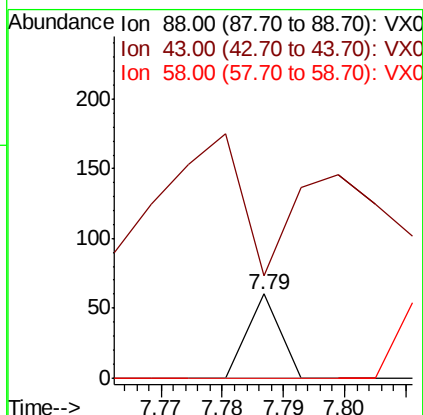
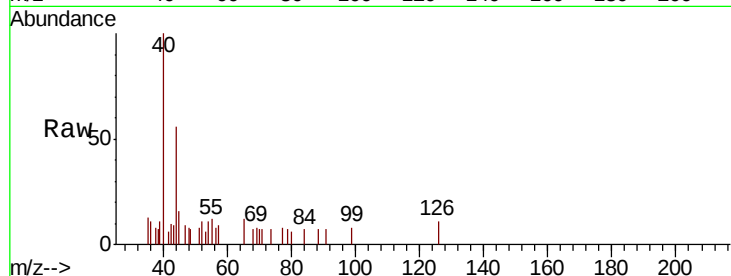




#49
1,4-Dioxane
Concen: 0.263 ug/l
RT: 7.79 min Scan# 1088
Delta R.T. 0.05 min
Lab File: VX010276.D
Acq: 13 Jun 2019 16:36

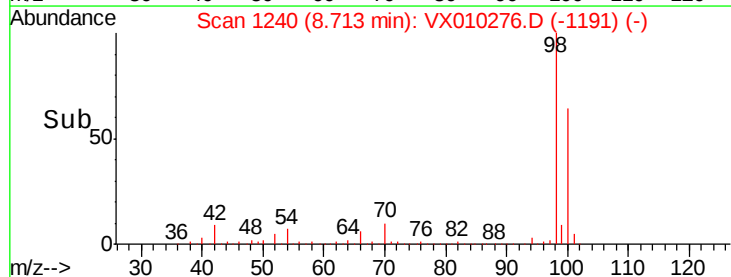
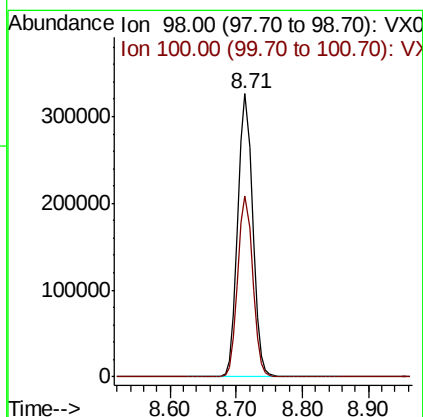
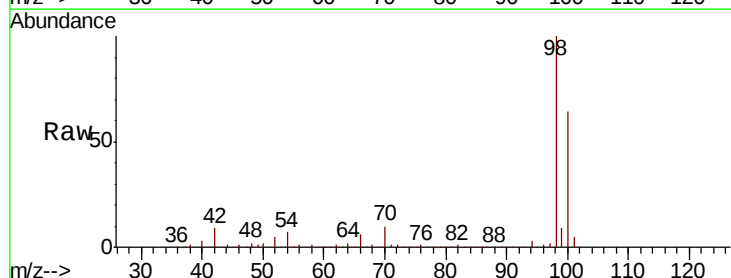
Instrument :
MSVOA_X
ClientSampled :

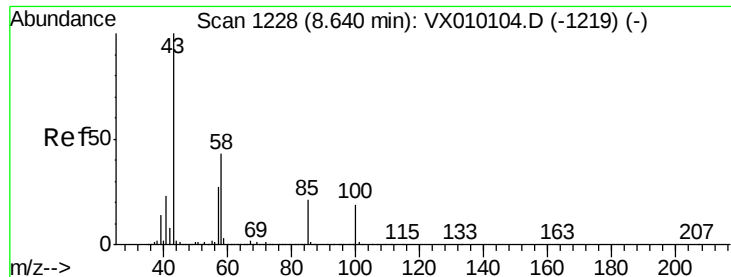
Tot Ion: 88 Resp: 22
Ion Ratio Lower Upper
88 100
43 409.1 30.2 45.4#
58 0.0 64.0 96.0#



#50
Toluene-d8
Concen: 49.750 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010276.D
Acq: 13 Jun 2019 16:36

Tgt Ion: 98 Resp: 508739
Ion Ratio Lower Upper
98 100
100 64.3 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 0.211 ug/l

RT: 8.67 min Scan# 1233

Delta R.T. 0.03 min

Lab File: VX010276.D

Acq: 13 Jun 2019 16:36

Instrument :

MSVOA_X

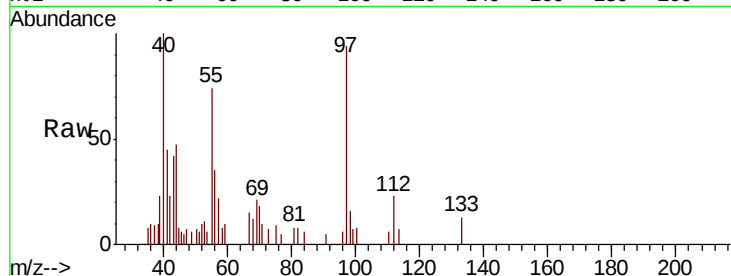
ClientSampleId :

Tot Ion: 43 Resp: 791

Ion Ratio Lower Upper

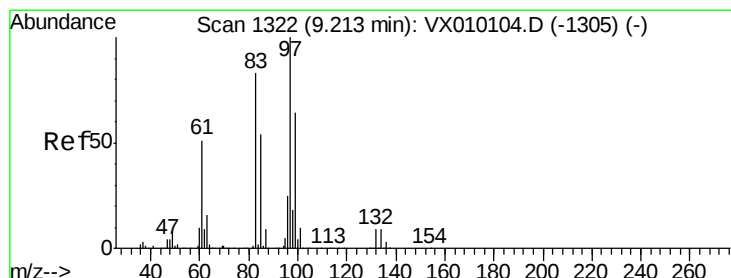
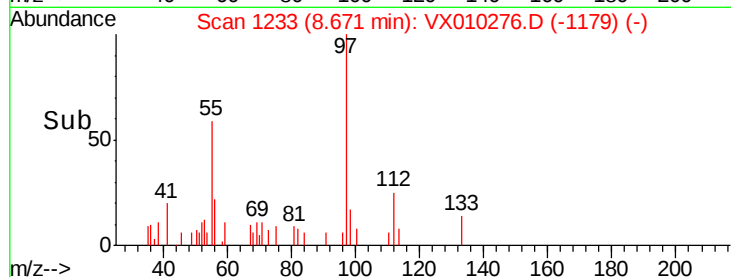
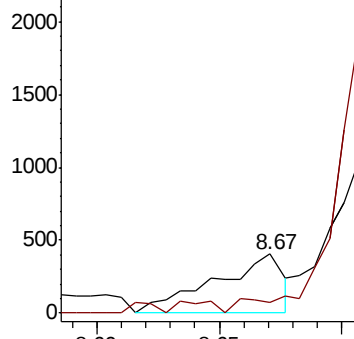
43 100

58 0.0 28.8 43.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#55

1,1,2-Trichloroethane

Concen: 0.575 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX010276.D

Acq: 13 Jun 2019 16:36

Tgt Ion: 97 Resp: 1728

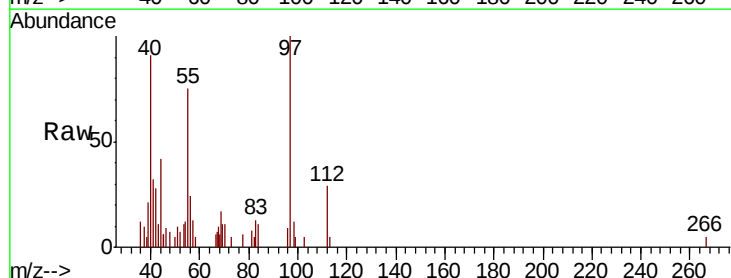
Ion Ratio Lower Upper

97 100

83 12.8 69.8 104.8#

85 0.0 45.3 67.9#

99 5.2 49.0 73.4#

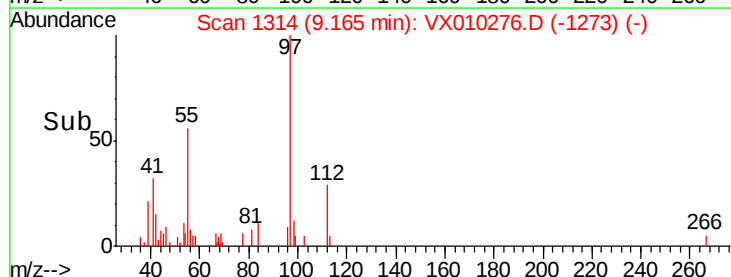
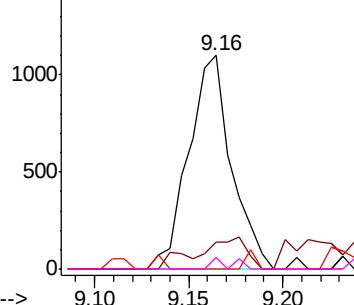


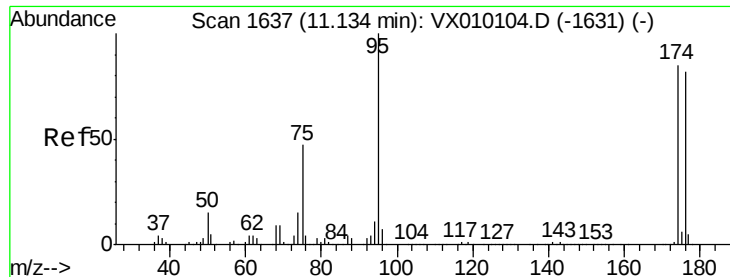
Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0





#62

4-Bromofluorobenzene

Concen: 47.561 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX010276.D

Acq: 13 Jun 2019 16:36

Instrument :

MSVOA_X

ClientSampleId :

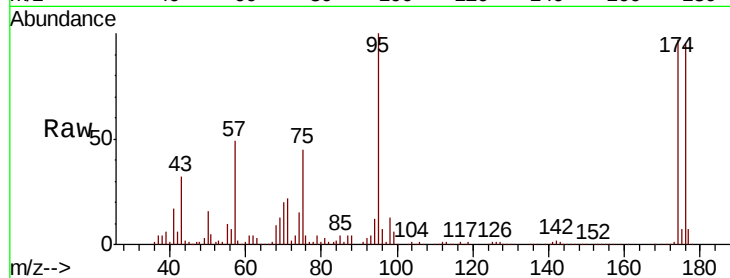
Tot Ion: 95 Resp: 181635

Ion Ratio Lower Upper

95 100

174 93.5 0.0 160.4

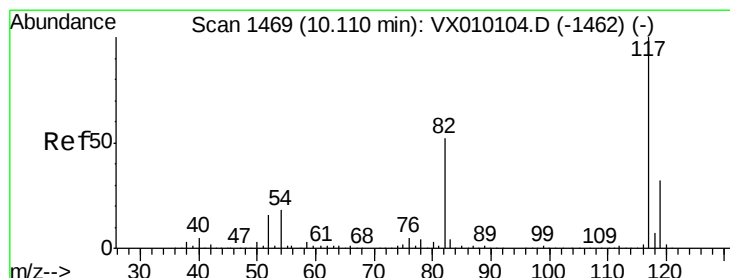
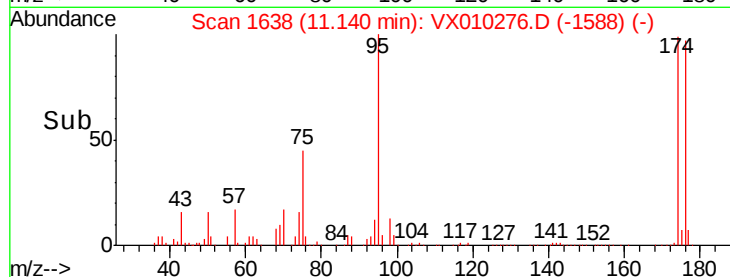
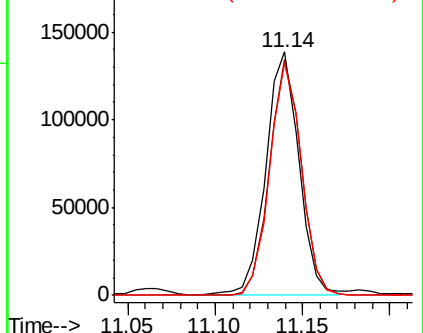
176 92.3 0.0 154.6



Abundance Ion 94.90 (94.60 to 95.60): VX010104.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX010104.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX010104.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX010276.D

Acq: 13 Jun 2019 16:36

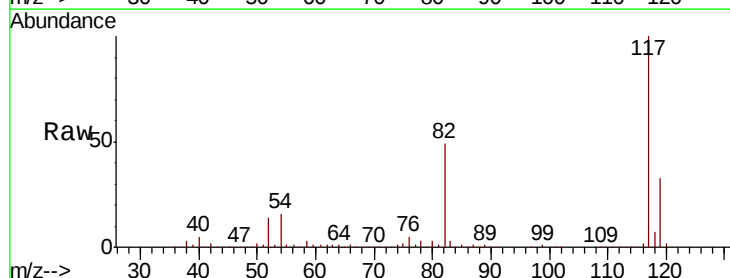
Tgt Ion: 117 Resp: 391010

Ion Ratio Lower Upper

117 100

82 48.4 49.2 73.8#

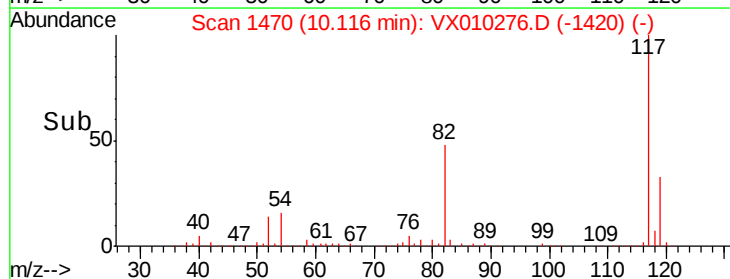
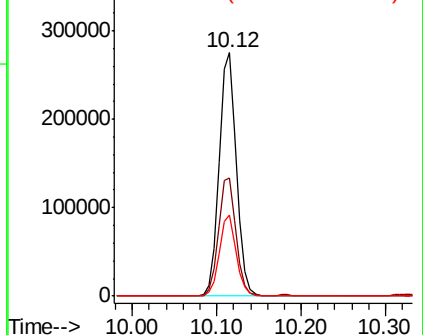
119 33.3 25.2 37.8

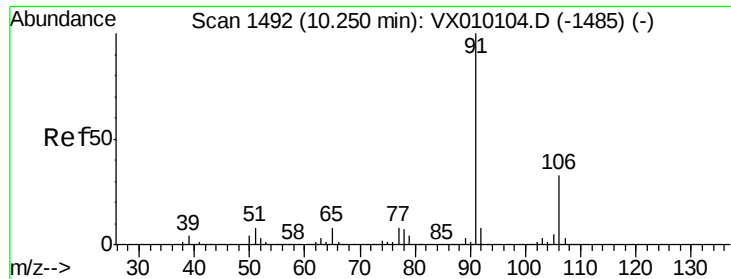


Abundance Ion 116.90 (116.60 to 117.60): VX010104.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX010104.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX010104.D (-1462) (-)

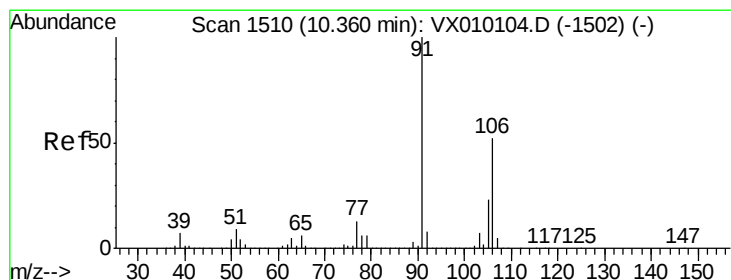
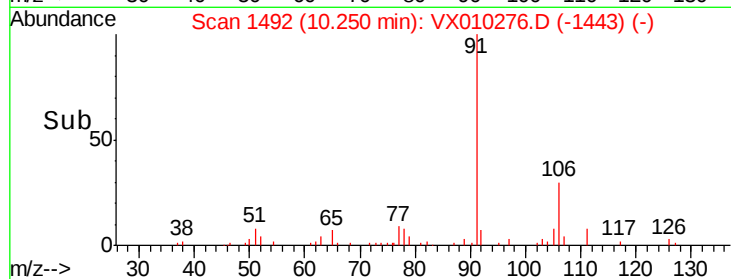
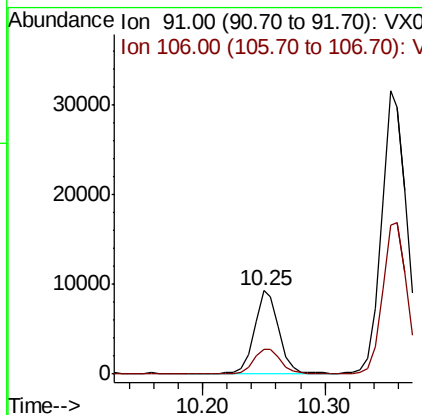
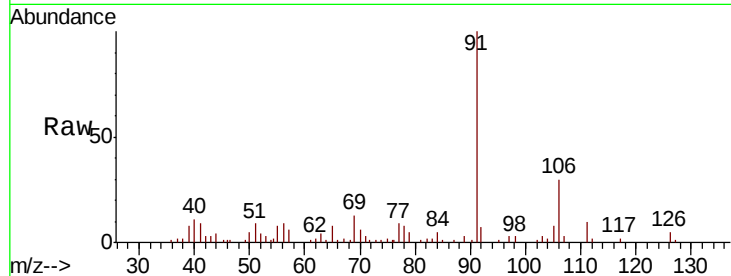




#67
Ethyl Benzene
Concen: 0.973 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX010276.D
Acq: 13 Jun 2019 16:36

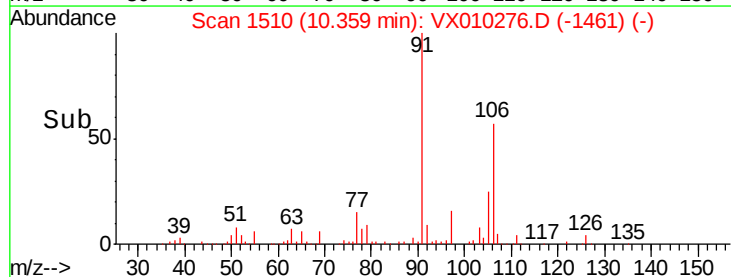
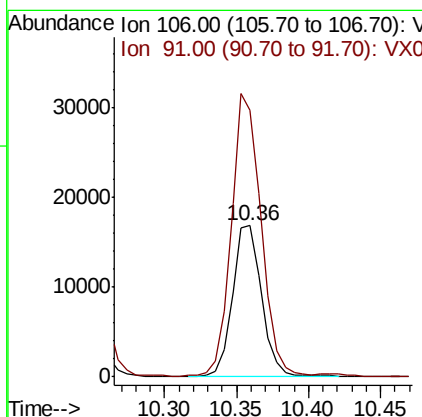
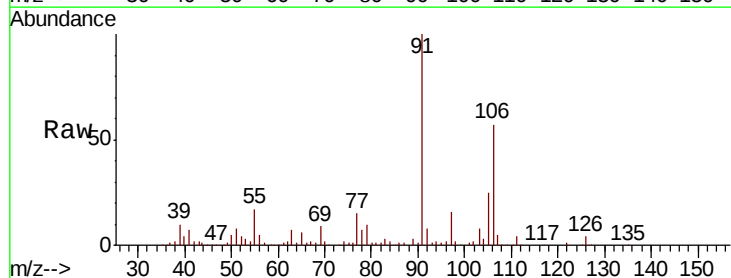
Instrument :
MSVOA_X
ClientSampleId :

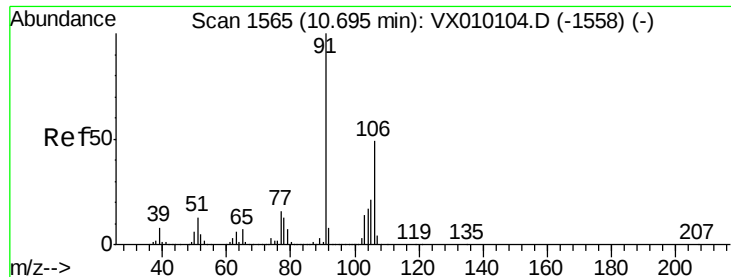
Tot Ion: 91 Resp: 13373
Ion Ratio Lower Upper
91 100
106 29.8 23.9 35.9



#68
m/p-Xylenes
Concen: 4.502 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX010276.D
Acq: 13 Jun 2019 16:36

Tgt Ion: 106 Resp: 23933
Ion Ratio Lower Upper
106 100
91 189.5 167.3 250.9

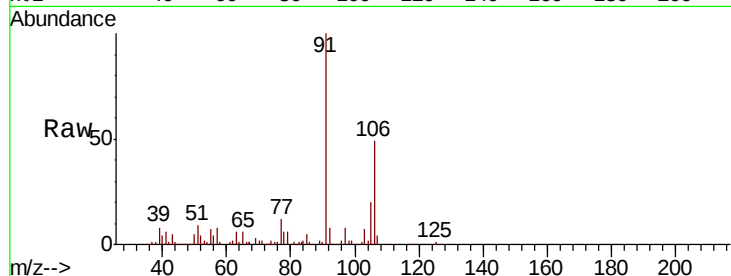




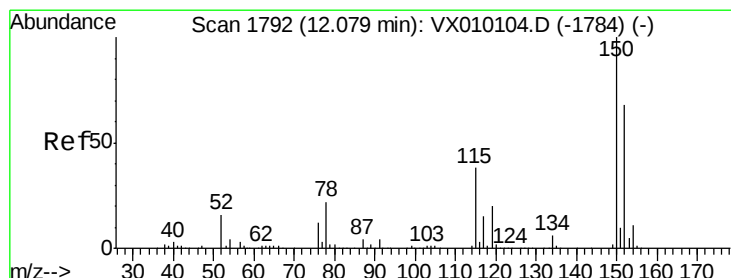
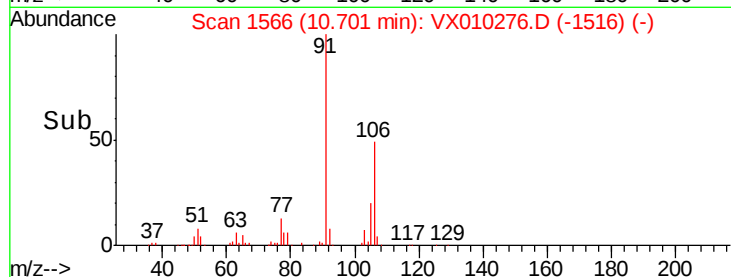
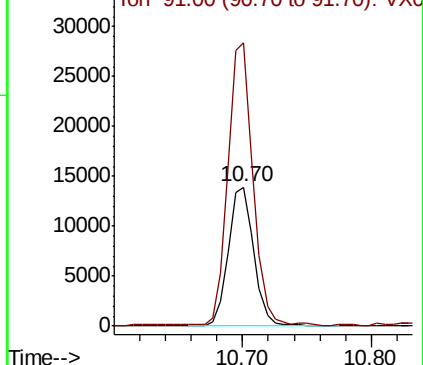
#69
o-Xylene
Concen: 3.652 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX010276.D
Acq: 13 Jun 2019 16:36

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 19301
Ion Ratio Lower Upper
106 100
91 198.4 110.4 331.2

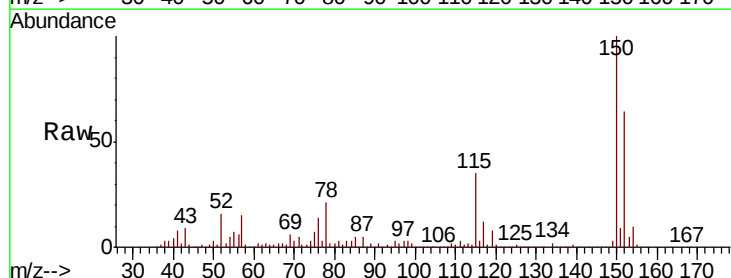


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

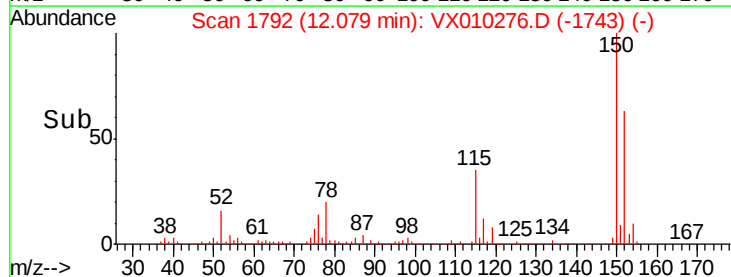
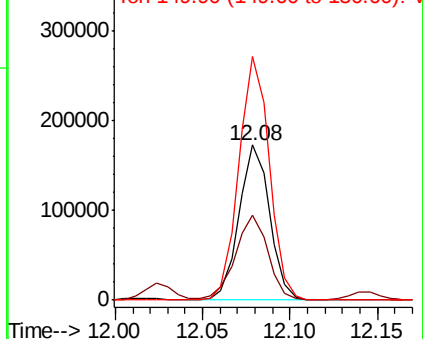


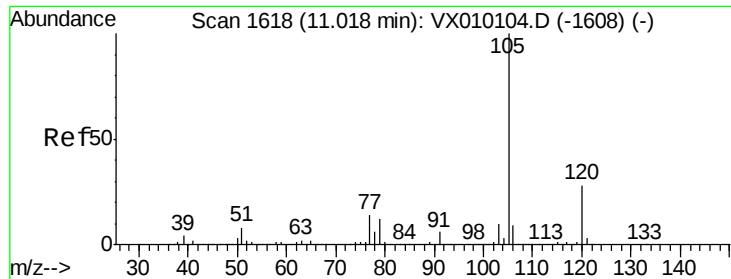
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010276.D
Acq: 13 Jun 2019 16:36

Tgt Ion:152 Resp: 209460
Ion Ratio Lower Upper
152 100
115 58.4 41.4 124.2
150 157.2 0.0 345.2



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: 3.164 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010276.D

Acq: 13 Jun 2019 16:36

Instrument :

MSVOA_X

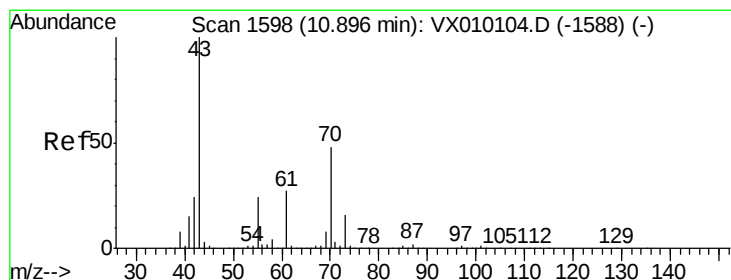
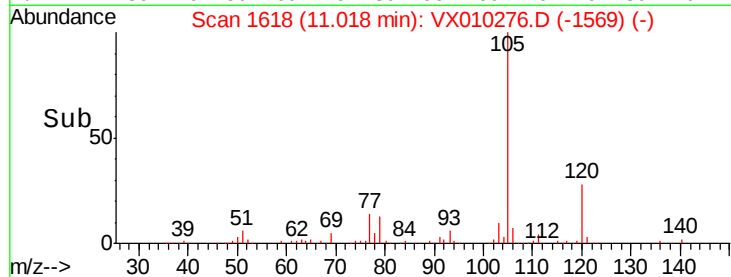
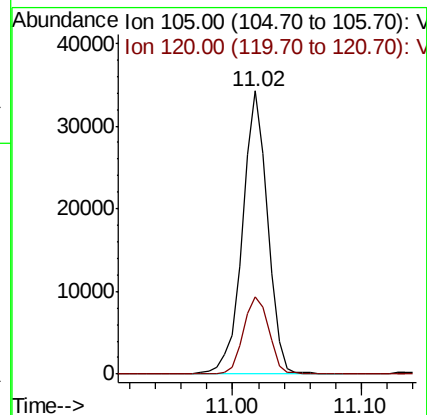
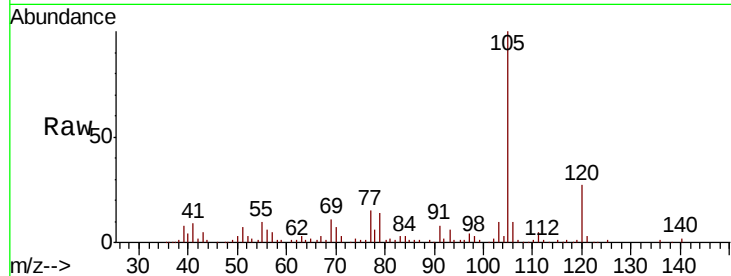
ClientSampleId :

Tot Ion:105 Resp: 46263

Ion Ratio Lower Upper

105 100

120 27.6 12.8 38.4



#74

N-ethyl acetate

Concen: 3.647 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX010276.D

Acq: 13 Jun 2019 16:36

Tgt Ion: 43 Resp: 21079

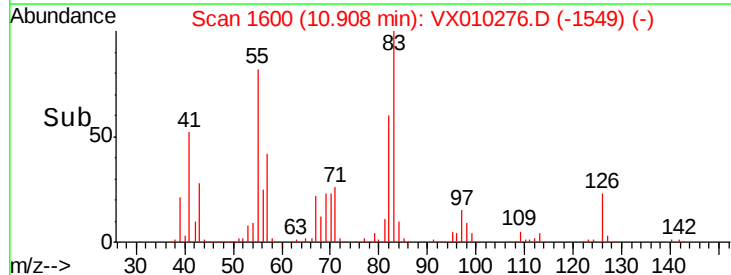
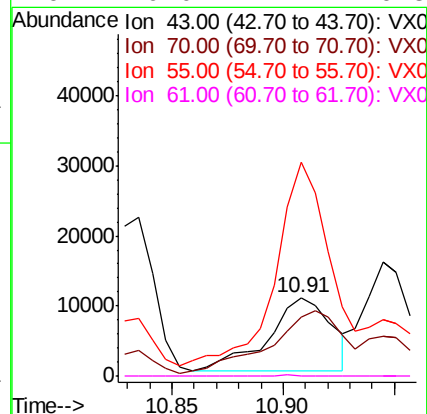
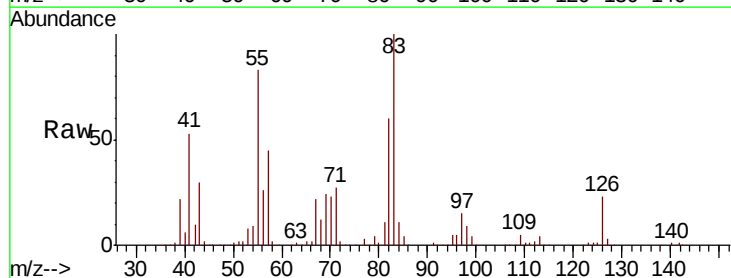
Ion Ratio Lower Upper

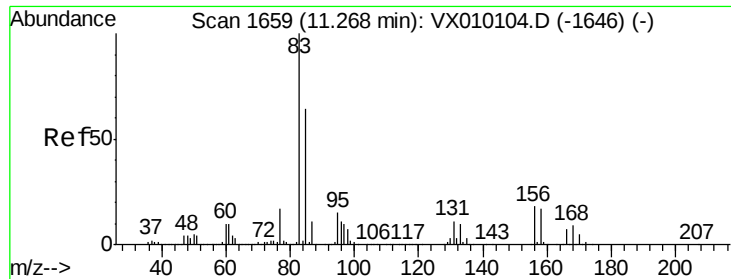
43 100

70 95.1 28.6 43.0#

55 238.0 17.8 26.8#

61 0.0 17.7 26.5#





#75

1,1,2,2-Tetrachloroethane

Concen: 1.821 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX010276.D

Acq: 13 Jun 2019 16:36

Instrument :

MSVOA_X

ClientSampled :

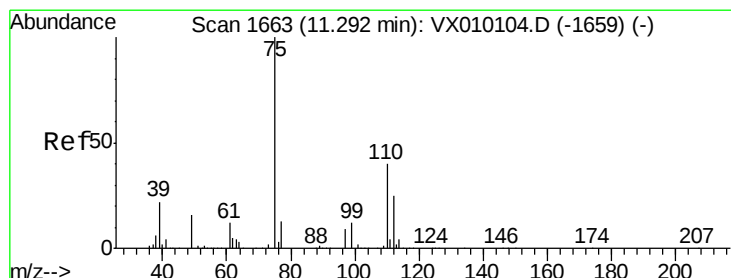
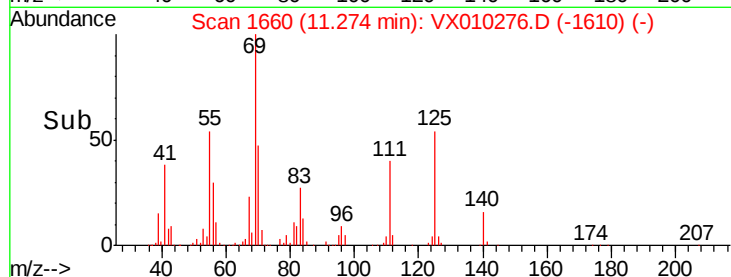
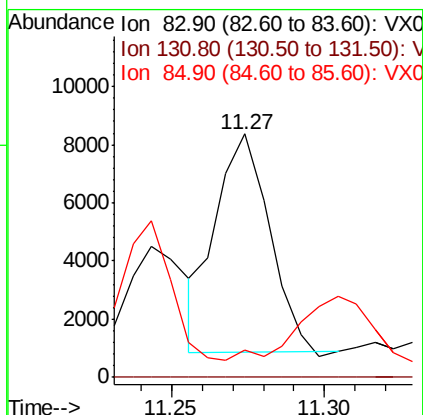
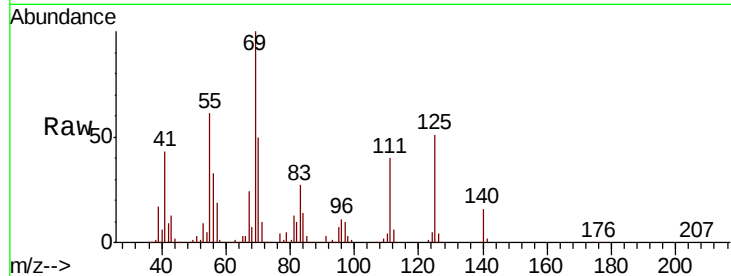
Tot Ion: 83 Resp: 9112

Ion Ratio Lower Upper

83 100

131 0.0 4.7 14.1#

85 0.0 31.9 95.9#



#76

1,2,3-Trichloropropane

Concen: 0.993 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.14 min

Lab File: VX010276.D

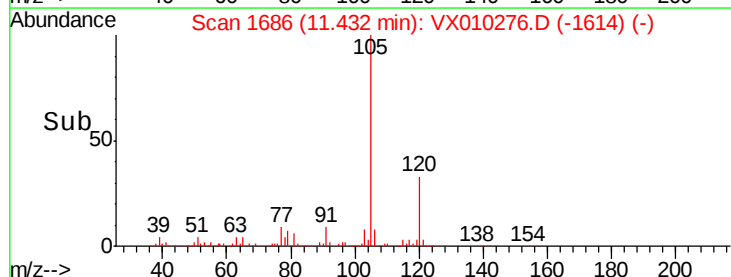
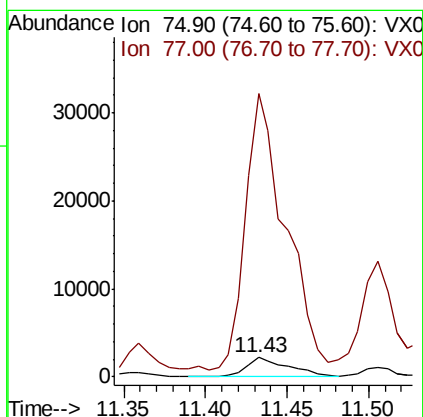
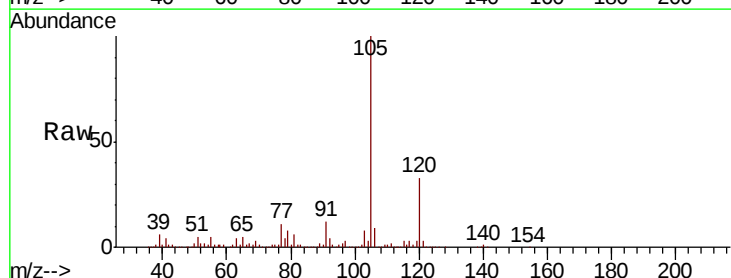
Acq: 13 Jun 2019 16:36

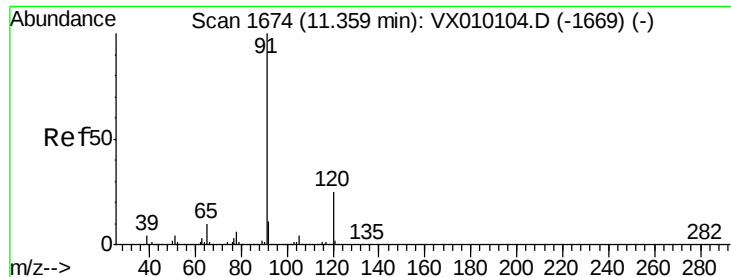
Tgt Ion: 75 Resp: 4160

Ion Ratio Lower Upper

75 100

77 1304.5 22.1 66.1#





#78

n-propylbenzene

Concen: 7.108 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010276.D

Acq: 13 Jun 2019 16:36

Instrument :

MSVOA_X

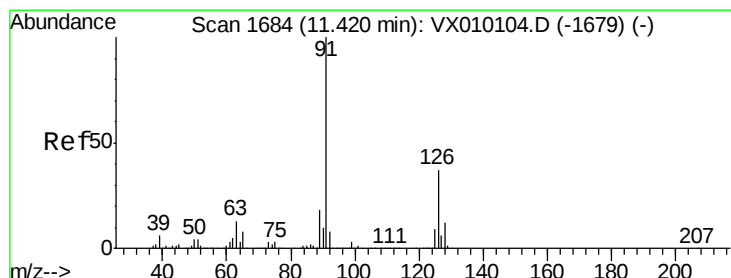
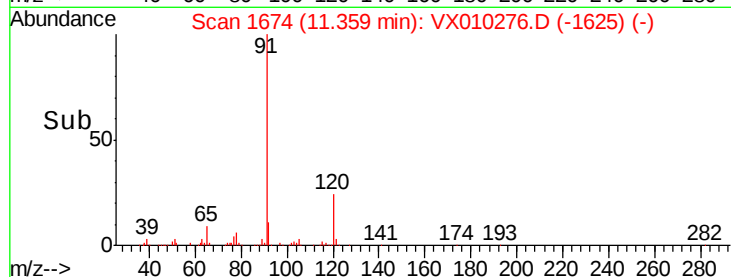
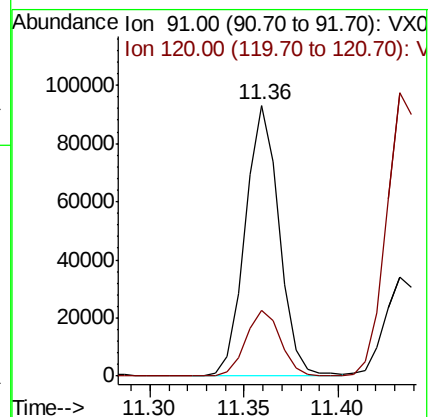
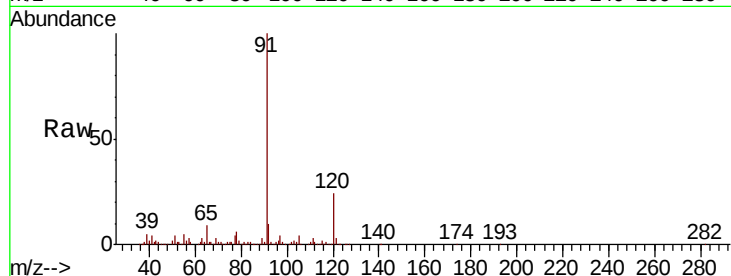
ClientSampled :

Tot Ion: 91 Resp: 115710

Ion Ratio Lower Upper

91 100

120 24.7 11.1 33.3



#79

2-Chlorotoluene

Concen: 6.055 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX010276.D

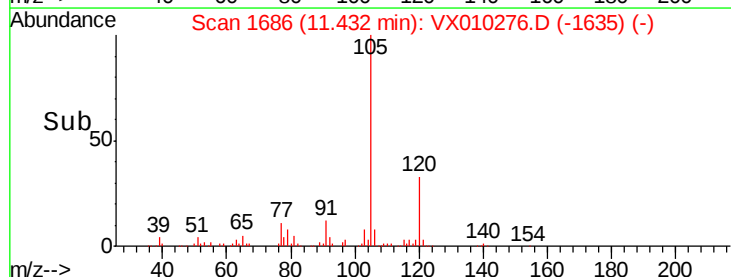
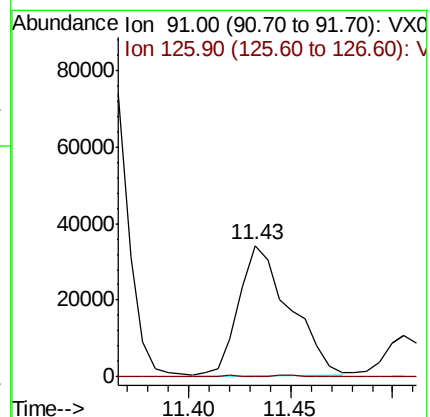
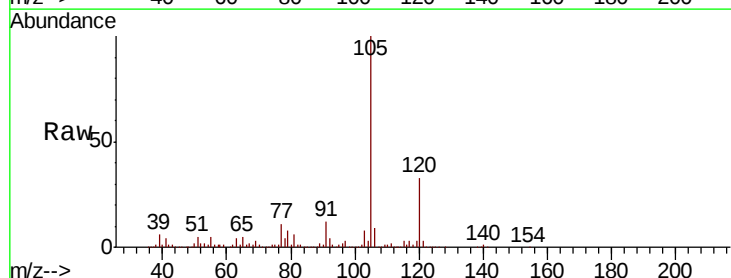
Acq: 13 Jun 2019 16:36

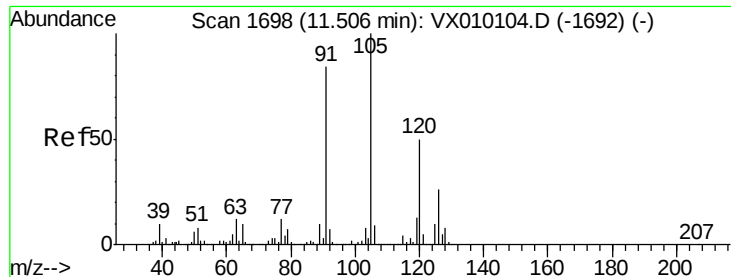
Tgt Ion: 91 Resp: 59200

Ion Ratio Lower Upper

91 100

126 0.5 16.1 48.3#





#80

1,3,5-Trimethylbenzene

Concen: 10.716 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010276.D

Acq: 13 Jun 2019 16:36

Instrument :

MSVOA_X

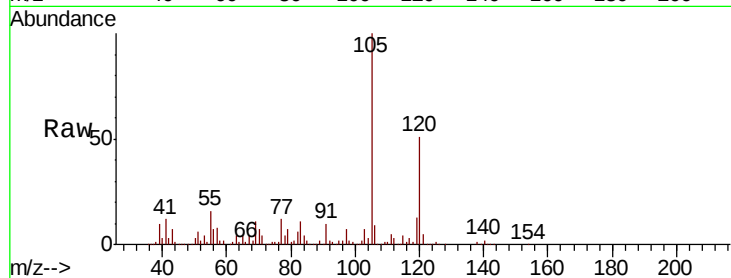
ClientSampleId :

Tot Ion:105 Resp: 131969

Ion Ratio Lower Upper

105 100

120 50.8 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

300000

200000

100000

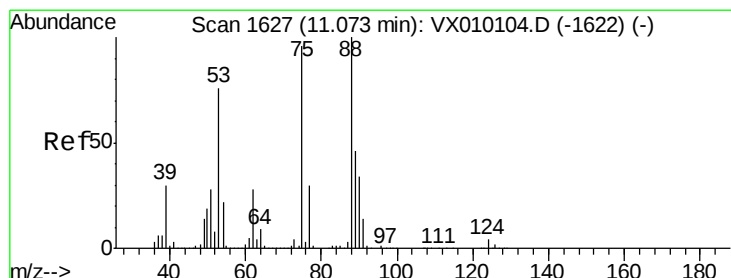
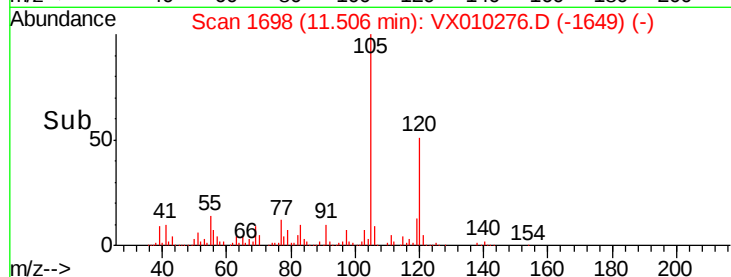
0

11.51

11.50

11.60

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 42.650 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.07 min

Lab File: VX010276.D

Acq: 13 Jun 2019 16:36

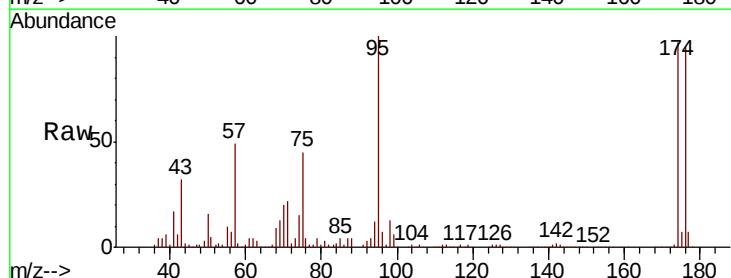
Tgt Ion: 75 Resp: 80875

Ion Ratio Lower Upper

75 100

53 3.1 79.8 119.6#

89 0.0 34.2 51.4#



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

80000

60000

40000

20000

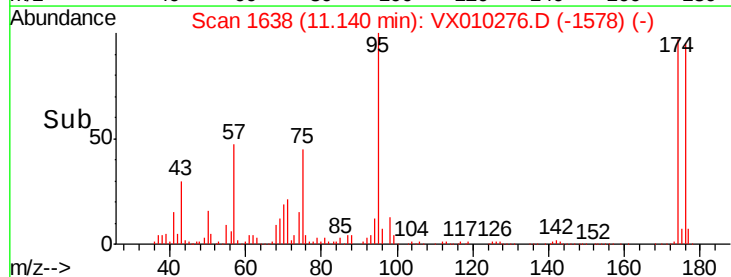
0

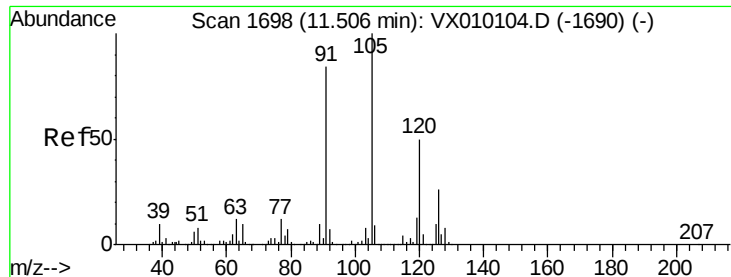
11.14

11.10

11.20

Time-->

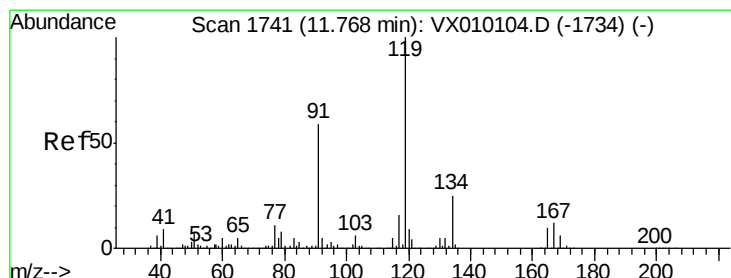
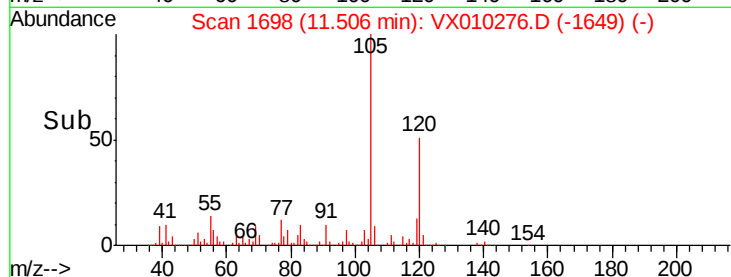
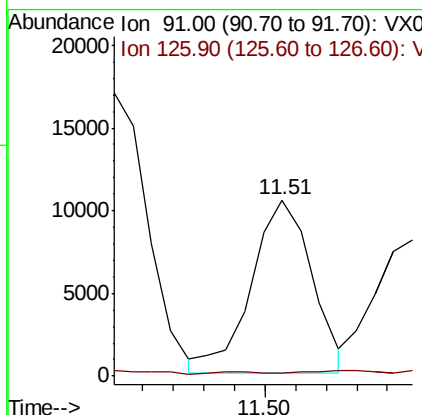
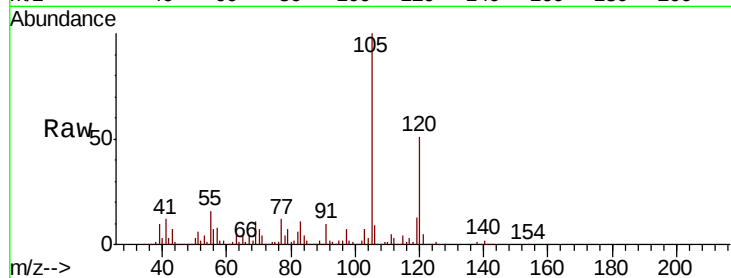




#82
4-Chlorotoluene
Concen: 1.295 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX010276.D
Acq: 13 Jun 2019 16:36

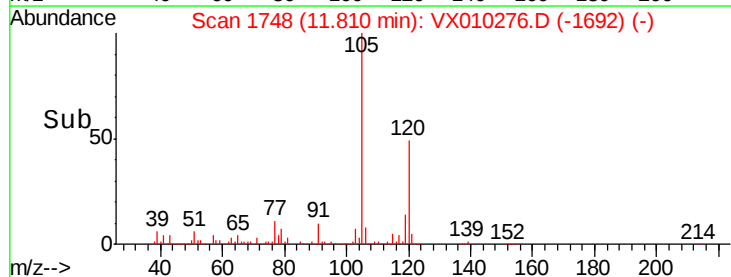
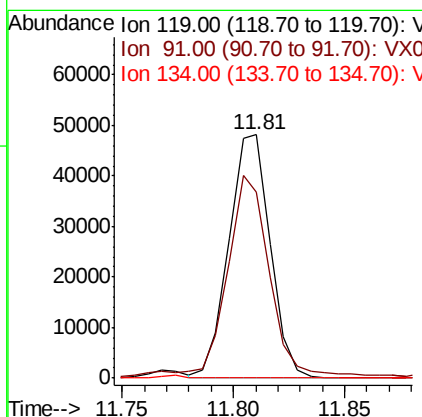
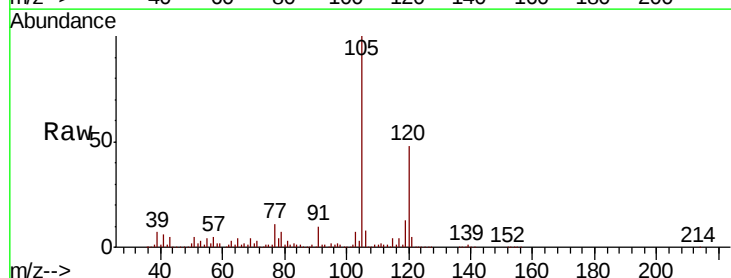
Instrument :
MSVOA_X
ClientSampleId :

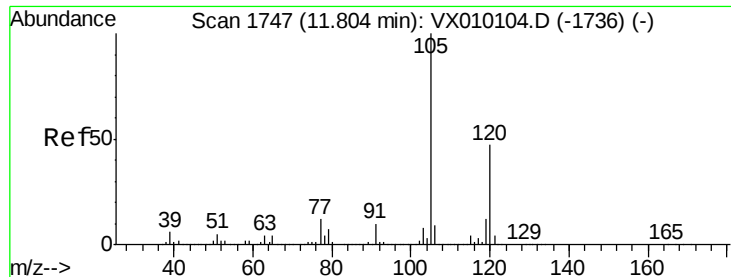
Tot Ion: 91 Resp: 14384
Ion Ratio Lower Upper
91 100
126 1.4 14.2 42.6#



#83
tert-Butylbenzene
Concen: 4.972 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. 0.04 min
Lab File: VX010276.D
Acq: 13 Jun 2019 16:36

Tgt Ion: 119 Resp: 61972
Ion Ratio Lower Upper
119 100
91 83.7 30.0 90.0
134 0.0 11.2 33.5#





#84

1,2,4-Trimethylbenzene

Concen: 39.369 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX010276.D

Acq: 13 Jun 2019 16:36

Instrument :

MSVOA_X

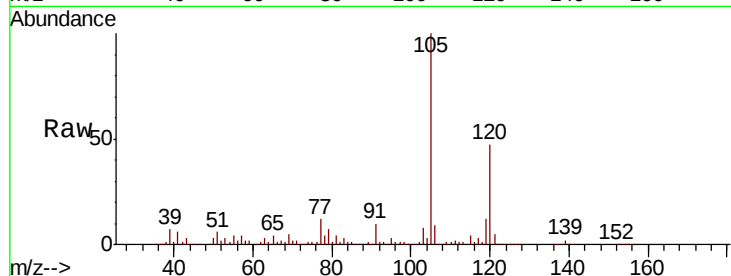
ClientSampled :

Tot Ion:105 Resp: 489740

Ion Ratio Lower Upper

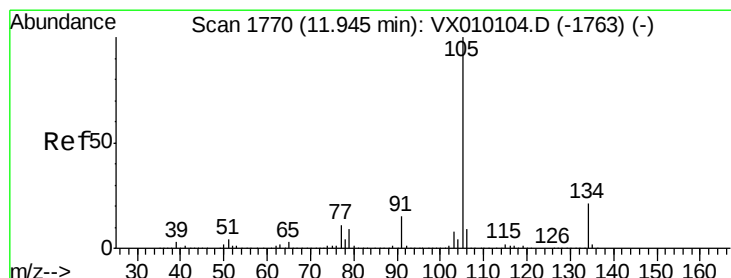
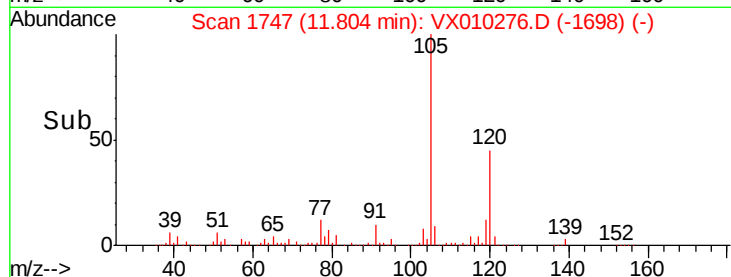
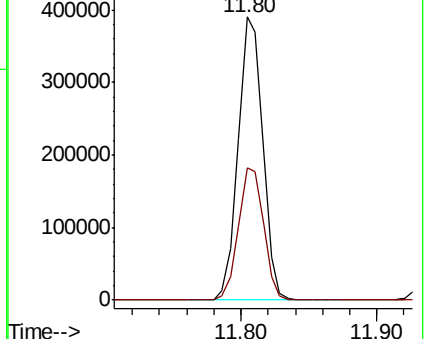
105 100

120 48.2 22.1 66.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 17.413 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010276.D

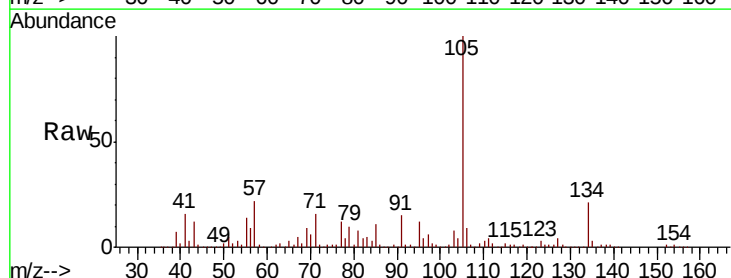
Acq: 13 Jun 2019 16:36

Tgt Ion:105 Resp: 252874

Ion Ratio Lower Upper

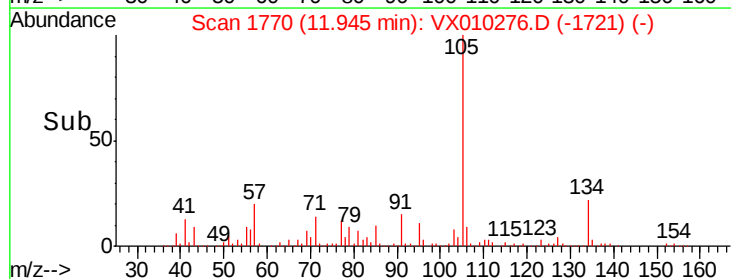
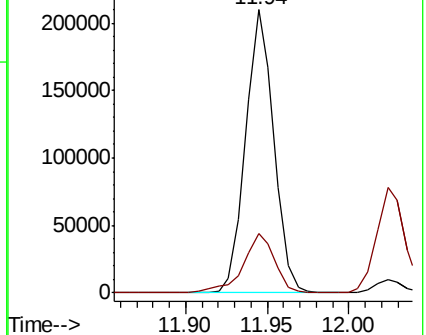
105 100

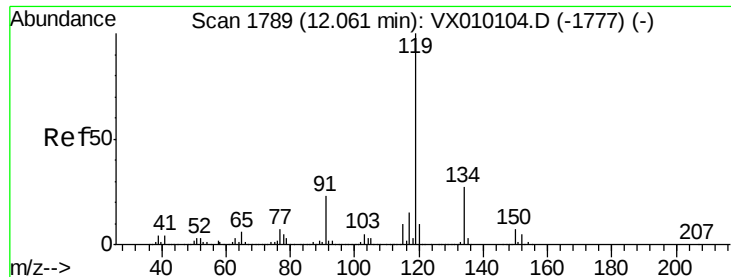
134 23.6 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

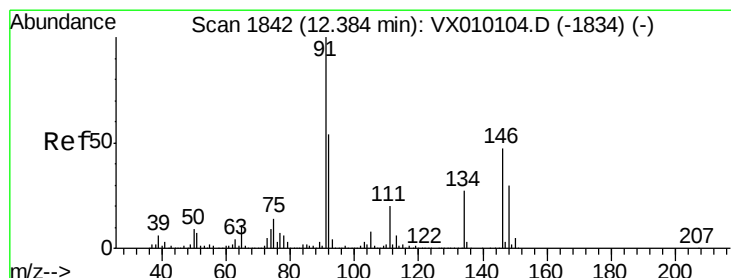
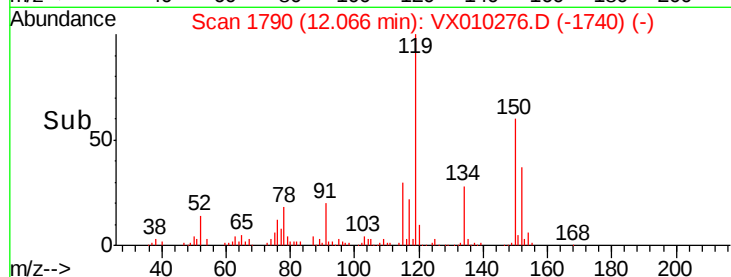
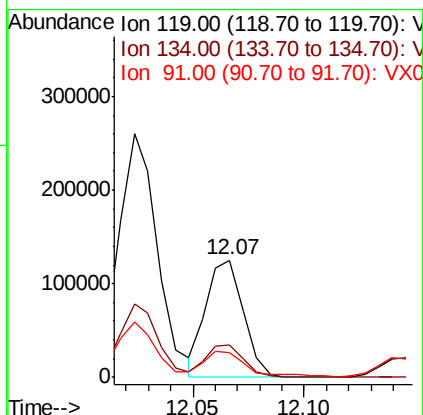
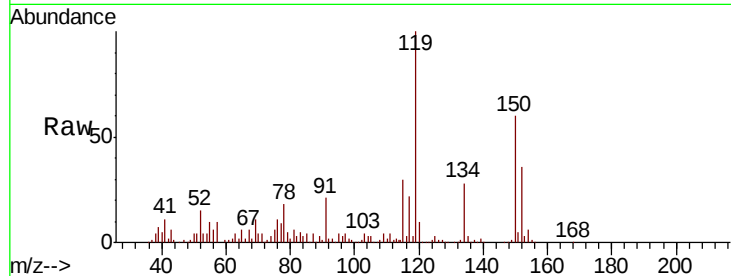




#86
p-Isopropyltoluene
Concen: 10.960 ug/l
RT: 12.07 min Scan# 1790
Delta R.T. 0.01 min
Lab File: VX010276.D
Acq: 13 Jun 2019 16:36

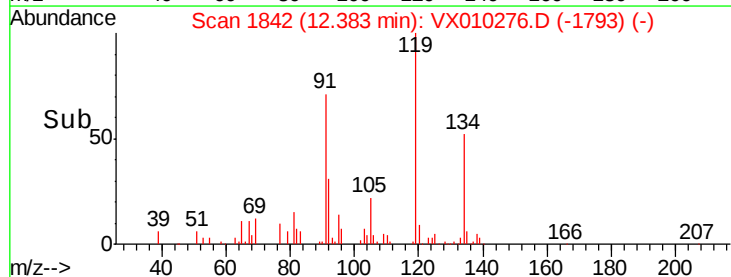
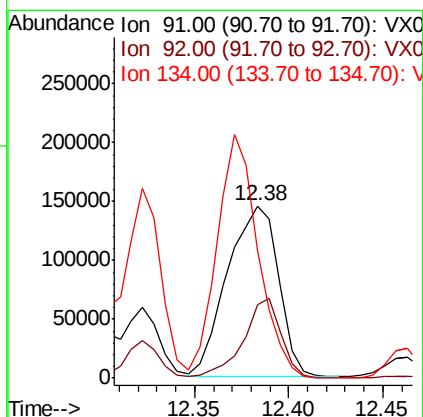
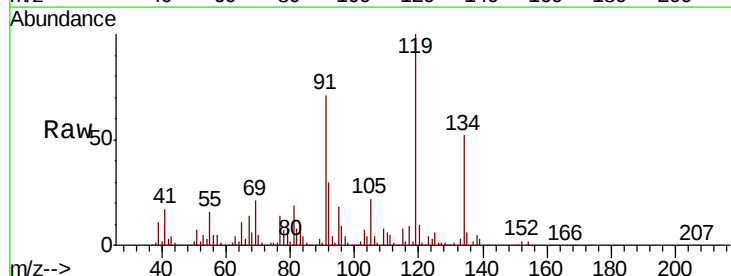
Instrument :
MSVOA_X
ClientSampleId :

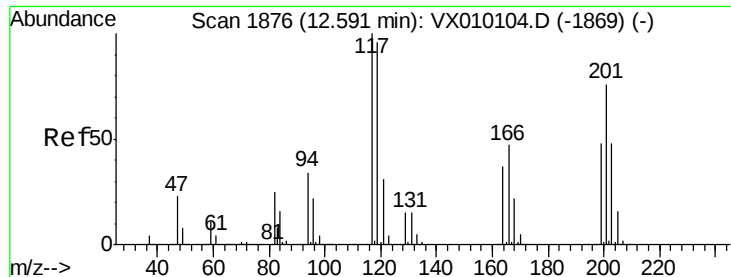
Tot Ion	Ratio	Lower	Upper
119	100		
134	28.3	12.9	38.6
91	23.8	11.9	35.9



#89
n-Butylbenzene
Concen: 23.773 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010276.D
Acq: 13 Jun 2019 16:36

Tgt Ion	Ratio	Lower	Upper
91	100		
92	34.4	26.3	78.8
134	114.4	12.3	36.8#





#90

Hexachloroethane

Concen: 16.196 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX010276.D

Acq: 13 Jun 2019 16:36

Instrument :

MSVOA_X

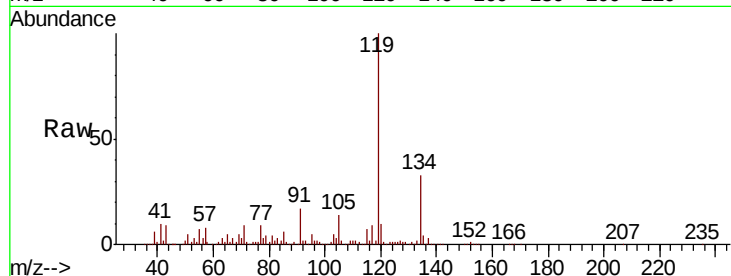
ClientSampled :

Tot Ion:117 Resp: 42831

Ion Ratio Lower Upper

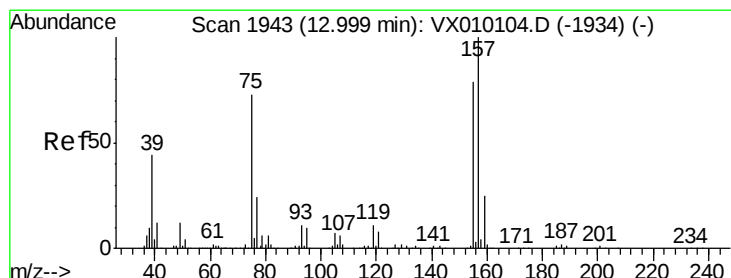
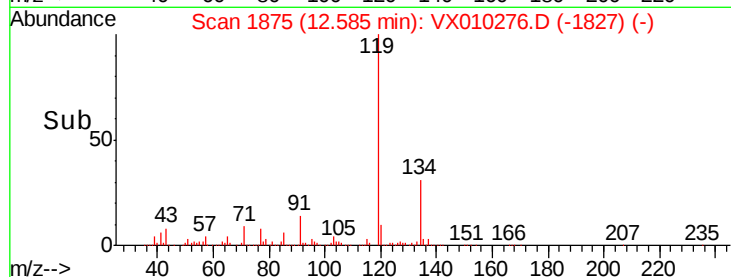
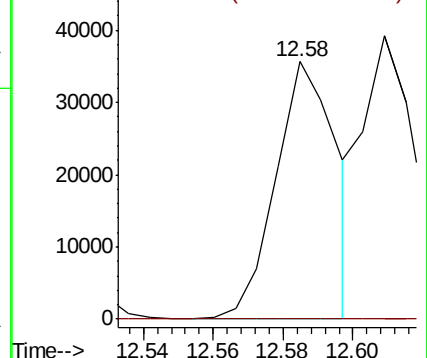
117 100

201 0.0 43.6 130.9#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 3.128 ug/l

RT: 12.98 min Scan# 1940

Delta R.T. -0.02 min

Lab File: VX010276.D

Acq: 13 Jun 2019 16:36

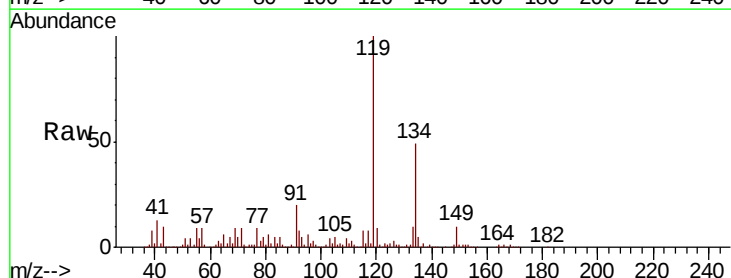
Tgt Ion: 75 Resp: 3684

Ion Ratio Lower Upper

75 100

155 52.0 39.3 117.8

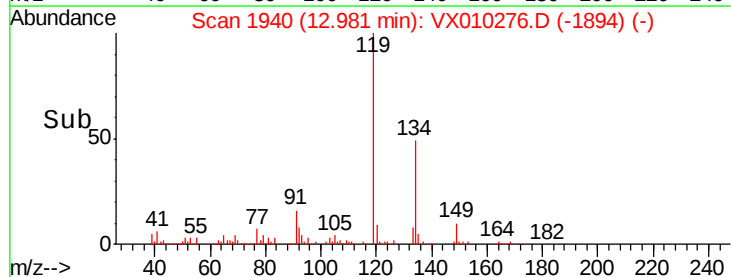
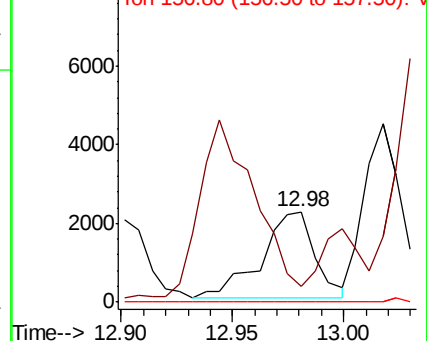
157 0.0 50.6 151.8#

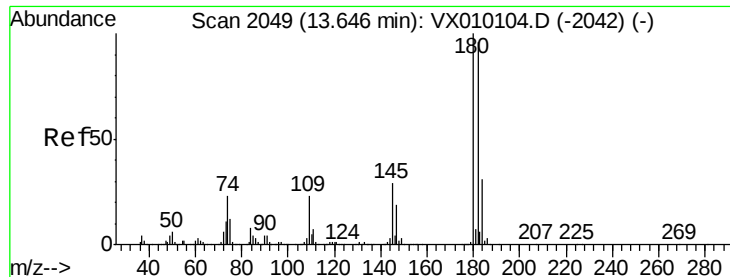


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 0.552 ug/l

RT: 13.60 min Scan# 2042

Delta R.T. -0.04 min

Lab File: VX010276.D

Acq: 13 Jun 2019 16:36

Instrument :

MSVOA_X

ClientSampleId :

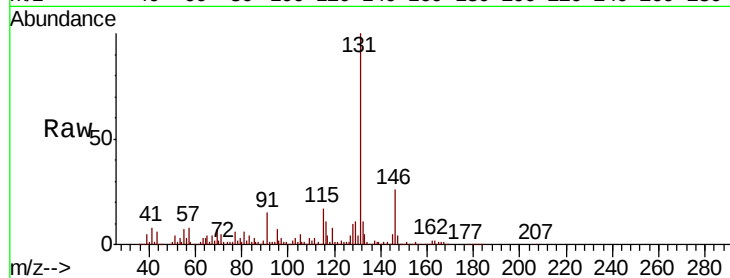
Tot Ion:180 Resp: 2783

Ion Ratio Lower Upper

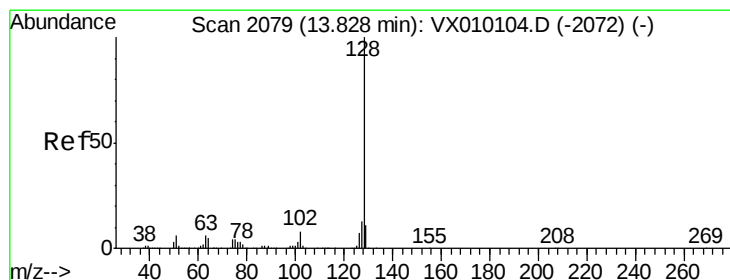
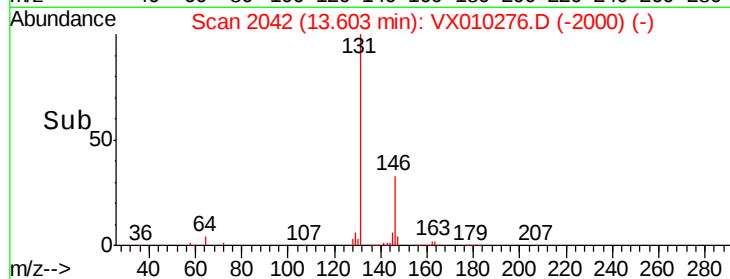
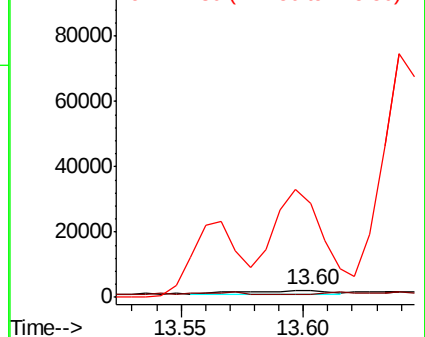
180 100

182 33.9 47.4 142.2#

145 1199.2 14.5 43.5#



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V



#95

Naphthalene

Concen: 29.853 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX010276.D

Acq: 13 Jun 2019 16:36

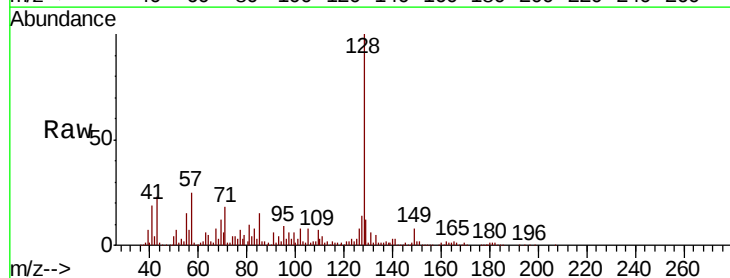
Tgt Ion:128 Resp: 473640

Ion Ratio Lower Upper

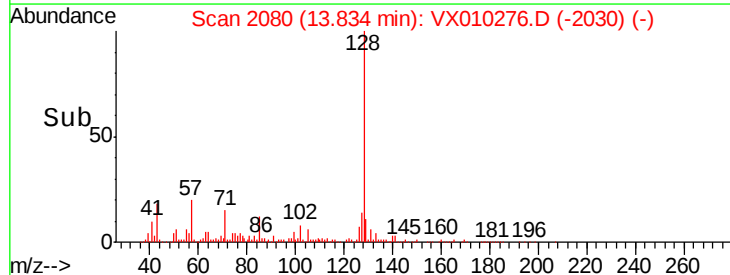
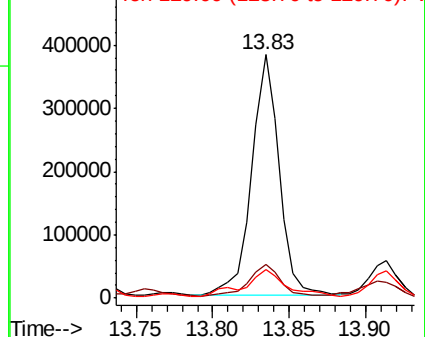
128 100

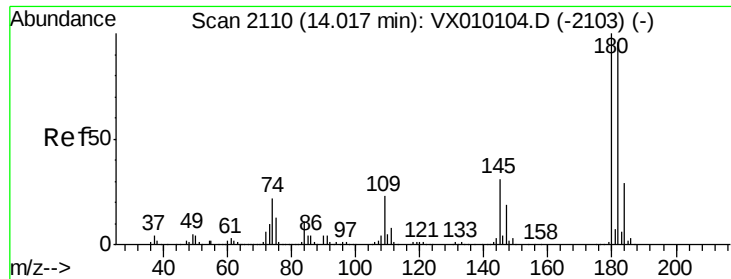
127 14.6 10.6 16.0

129 16.8 8.8 13.2#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 2.479 ug/l
 RT: 14.04 min Scan# 2113
 Delta R.T. 0.02 min
 Lab File: VX010276.D
 Acq: 13 Jun 2019 16:36

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 12355
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.3 142.0#
 145 1307.7 15.6 46.7#

