

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070819\
 Data File : VX010698.D
 Acq On : 08 Jul 2019 16:12
 Operator : JC/SP
 Sample : K3664-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0586

Quant Time: Jul 09 01:09:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	225546	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	349705	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	317772	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	152786	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	112269	53.09	ug/l	0.00
Spiked Amount			Recovery	=	106.18%	
35) Dibromofluoromethane	5.50	113	106889	49.96	ug/l	0.00
Spiked Amount			Recovery	=	99.92%	
50) Toluene-d8	8.71	98	416010	50.82	ug/l	0.00
Spiked Amount			Recovery	=	101.64%	
62) 4-Bromofluorobenzene	11.13	95	140958	47.70	ug/l	0.00
Spiked Amount			Recovery	=	95.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	703	0.385	ug/l	95
5) Bromomethane	1.65	94	333	0.342	ug/l #	50
6) Chloroethane	1.68	64	977	0.828	ug/l #	41
11) Tert butyl alcohol	3.01	59	5164	9.332	ug/l #	74
13) Acrolein	2.30	56	244	0.665	ug/l	91
14) Allyl chloride	2.84	41	9721	3.502	ug/l #	65
16) Acetone	2.45	43	2659	2.509	ug/l #	78
18) Methyl Acetate	2.84	43	21934	10.384	ug/l #	48
20) Methylene Chloride	2.85	84	626	0.287	ug/l #	1
31) Cyclohexane	5.58	56	20867	6.831	ug/l	93
36) 1,1-Dichloropropene	5.67	75	14918	5.368	ug/l #	48
38) Carbon Tetrachloride	5.67	117	20032	6.657	ug/l #	14
39) Methylcyclohexane	7.46	83	25689	7.033	ug/l	93
43) Isopropyl Acetate	6.45	43	1044	0.221	ug/l #	61
55) 1,1,2-Trichloroethane	9.16	97	3378	1.437	ug/l #	21
56) Ethyl methacrylate	9.16	69	906	0.254	ug/l #	22
67) Ethyl Benzene	10.25	91	44781	4.112	ug/l	97
68) m/p-Xylenes	10.36	106	23821	5.645	ug/l	99
73) Isopropylbenzene	11.02	105	27739	2.678	ug/l	96
76) 1,2,3-Trichloropropane	11.13	75	69035	24.796	ug/l #	33
78) n-propylbenzene	11.36	91	46603	4.094	ug/l	99
79) 2-Chlorotoluene	11.43	91	3514	0.518	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.51	105	24554	2.876	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.13	75	69035	57.846	ug/l #	16
82) 4-Chlorotoluene	11.51	91	3017	0.391	ug/l #	42
83) tert-Butylbenzene	11.77	119	2200	0.257	ug/l	90
84) 1,2,4-Trimethylbenzene	11.80	105	66377	7.738	ug/l	98
85) sec-Butylbenzene	11.94	105	24279	2.413	ug/l	85
86) p-Isopropyltoluene	12.02	119	3237	0.348	ug/l	95
89) n-Butylbenzene	12.37	91	3875	0.490	ug/l #	34
90) Hexachloroethane	12.58	117	1513	0.940	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	13.02	75	255	0.345	ug/l #	1
95) Naphthalene	13.83	128	5769	0.540	ug/l #	85

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Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

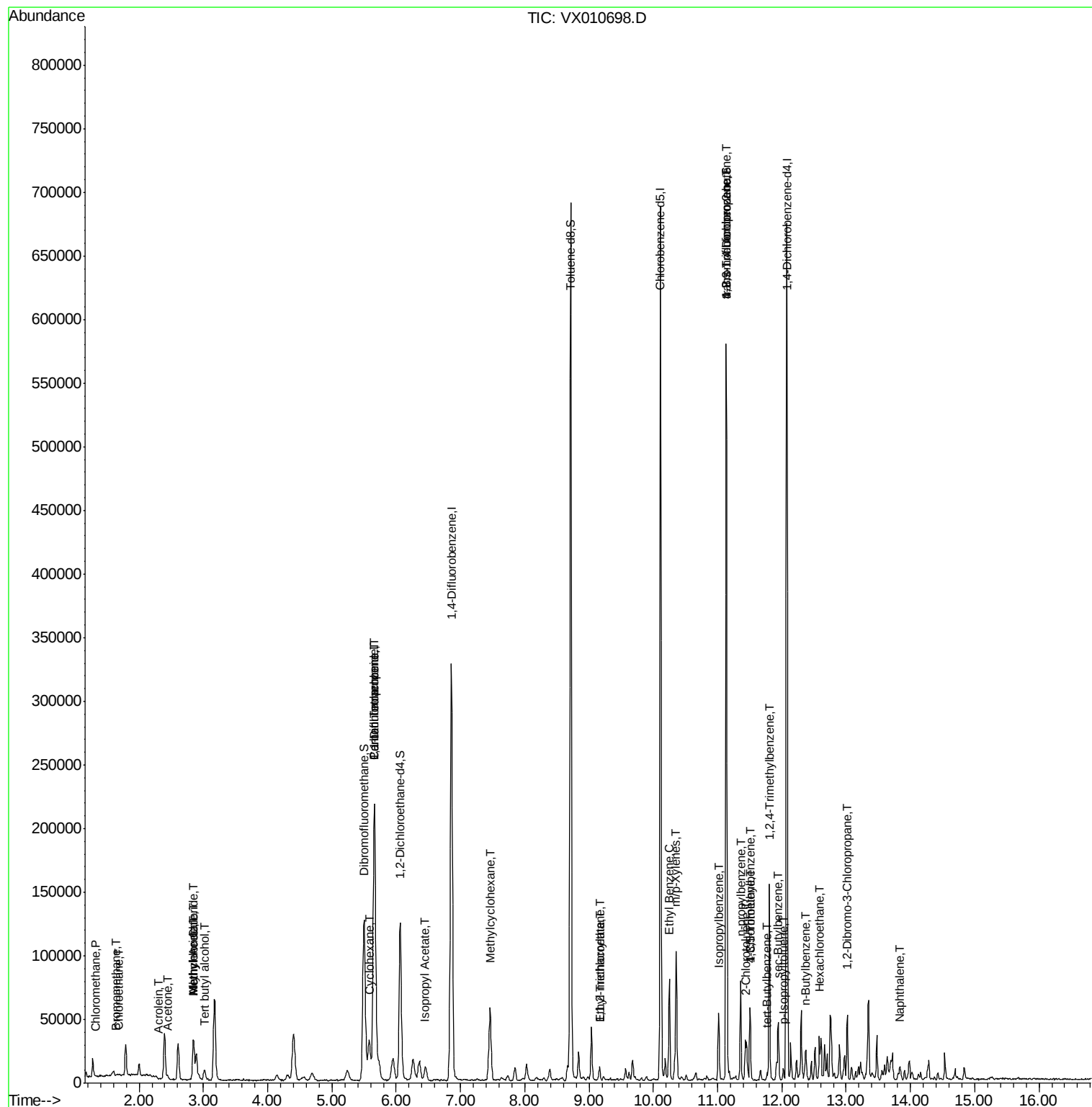
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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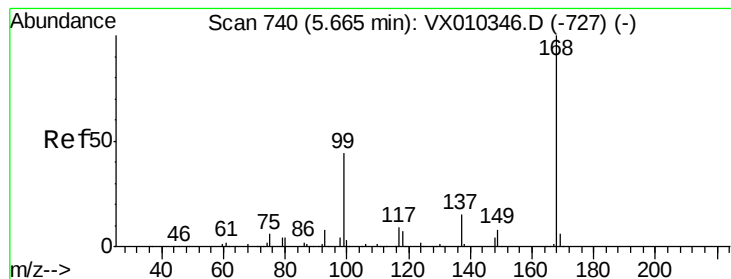
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010698.D

Acq: 08 Jul 2019 16:12

Instrument :

MSVOA_X

ClientSampled :

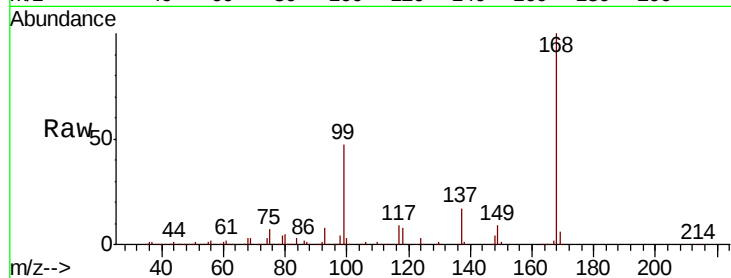
FL-0586

Tot Ion:168 Resp: 22546

Ion Ratio Lower Upper

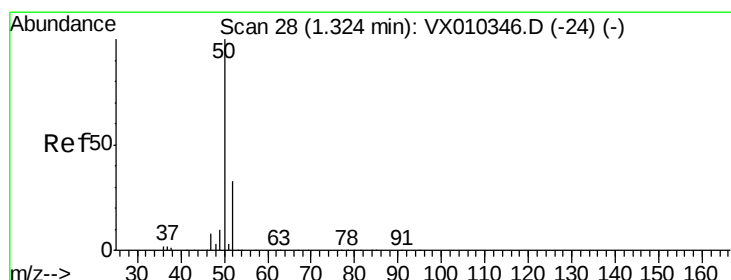
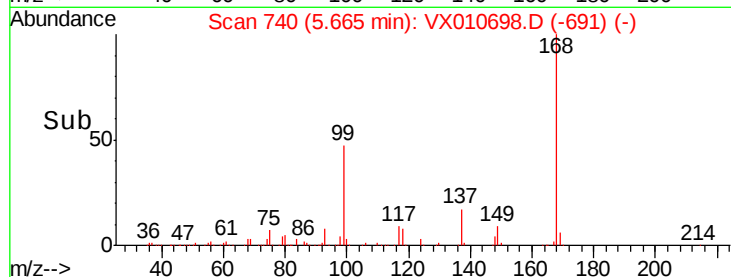
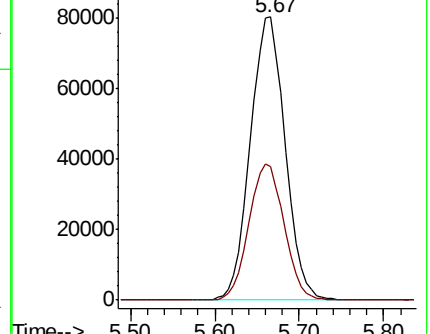
168 100

99 47.3 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.385 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010698.D

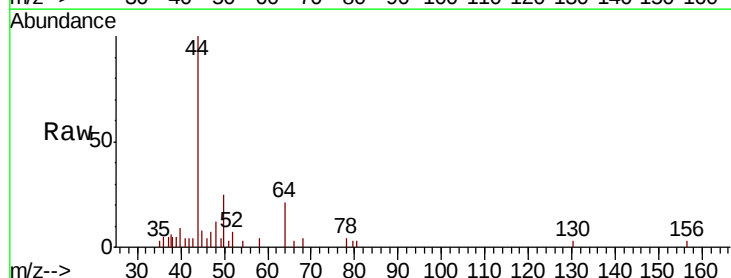
Acq: 08 Jul 2019 16:12

Tgt Ion: 50 Resp: 703

Ion Ratio Lower Upper

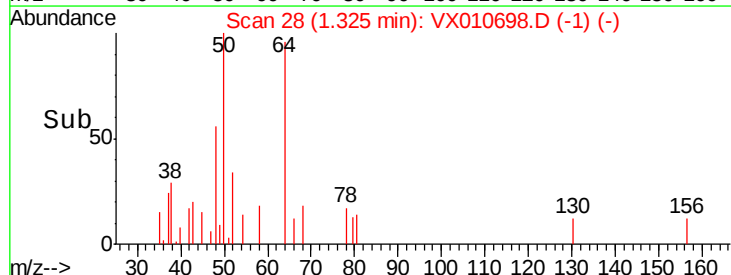
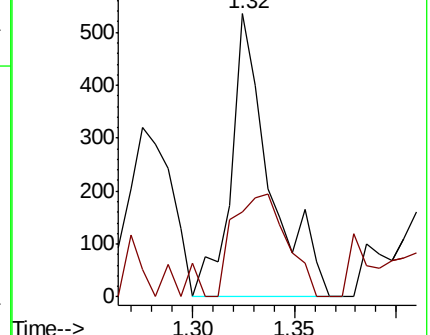
50 100

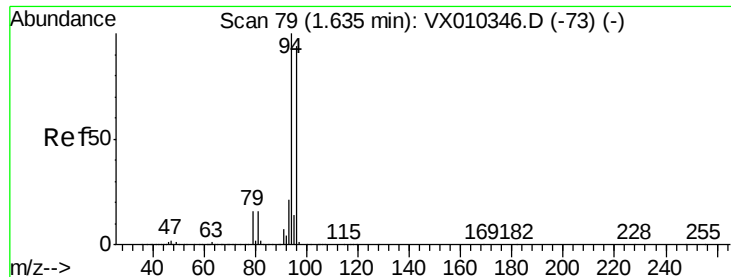
52 30.1 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: 0.342 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX010698.D

Acq: 08 Jul 2019 16:12

Instrument :

MSVOA_X

ClientSampled :

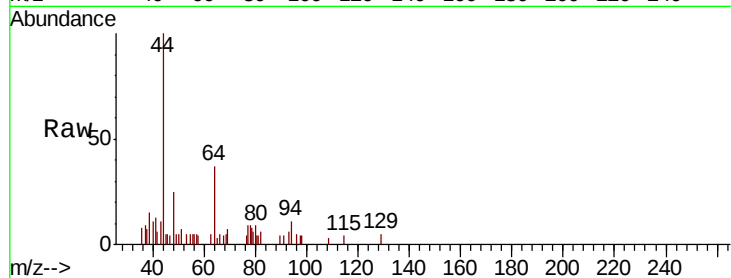
FL-0586

Tot Ion: 94 Resp: 333

Ion Ratio Lower Upper

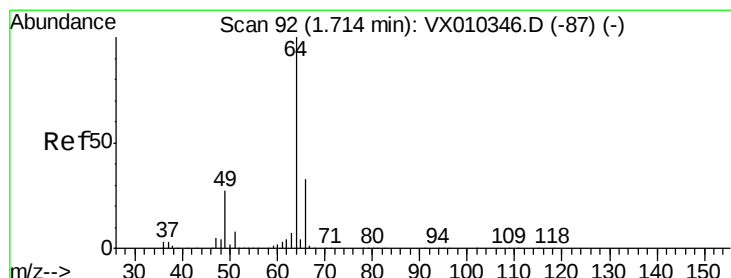
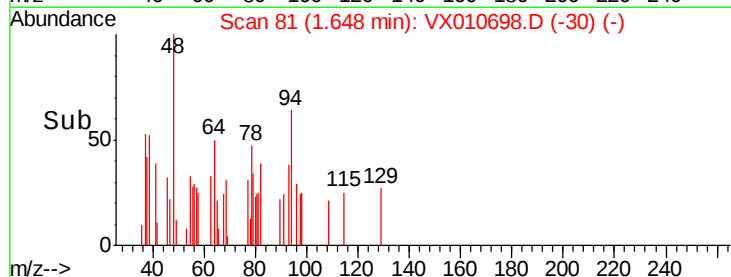
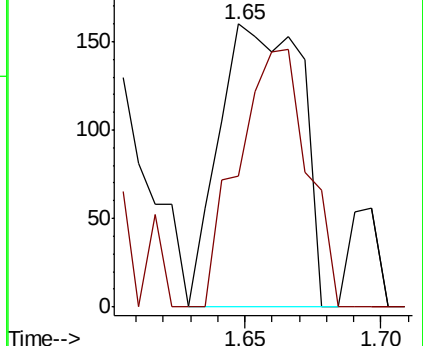
94 100

96 46.3 75.5 113.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 0.828 ug/l

RT: 1.68 min Scan# 86

Delta R.T. -0.04 min

Lab File: VX010698.D

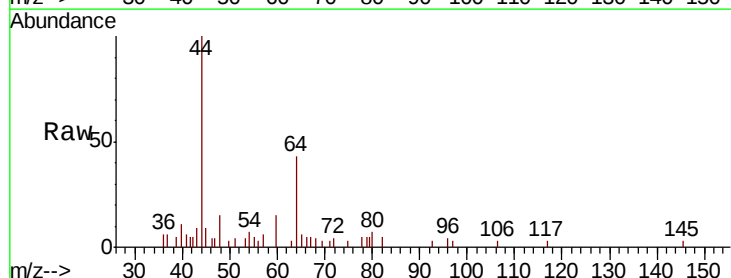
Acq: 08 Jul 2019 16:12

Tgt Ion: 64 Resp: 977

Ion Ratio Lower Upper

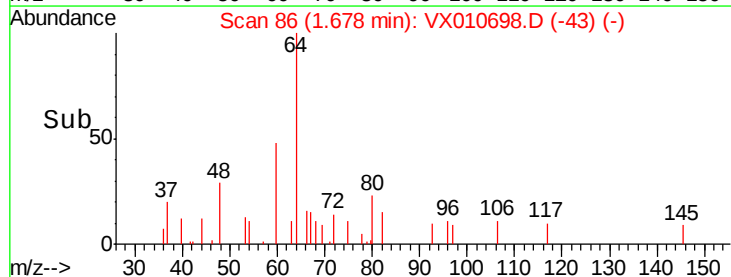
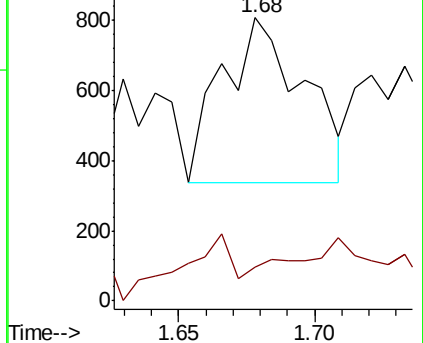
64 100

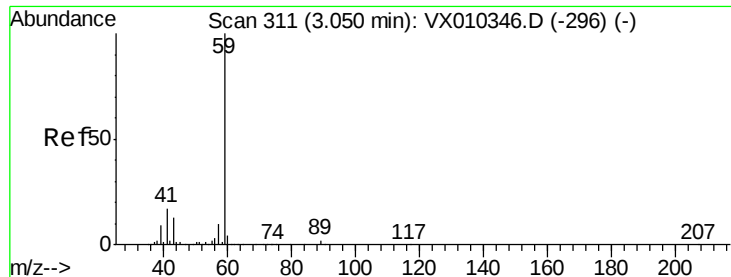
66 0.0 26.6 40.0#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



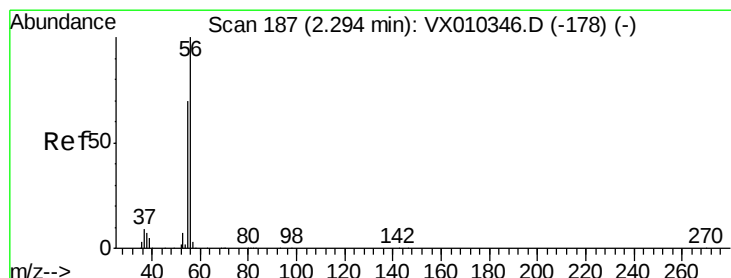
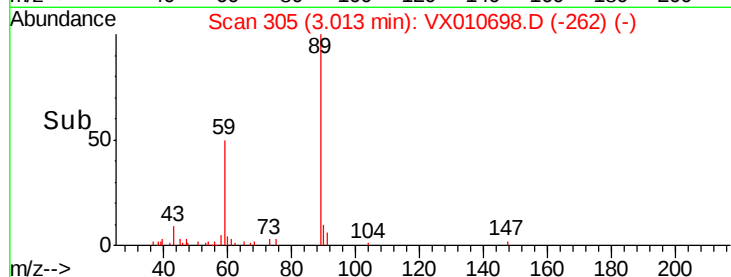
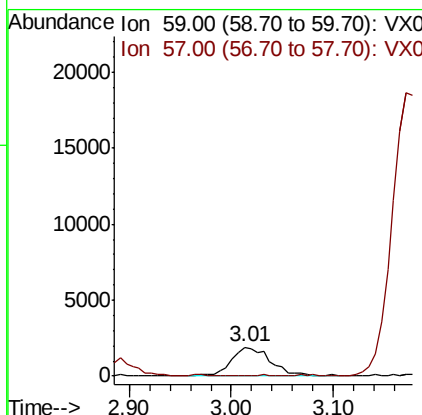
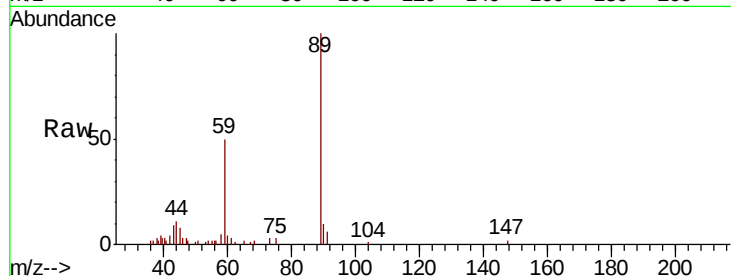


#11

Tert butyl alcohol
Concen: 9.332 ug/l
RT: 3.01 min Scan# 305
Delta R.T. -0.04 min
Lab File: VX010698.D
Acq: 08 Jul 2019 16:12

Instrument :
MSVOA_X
ClientSampled :
FL-0586

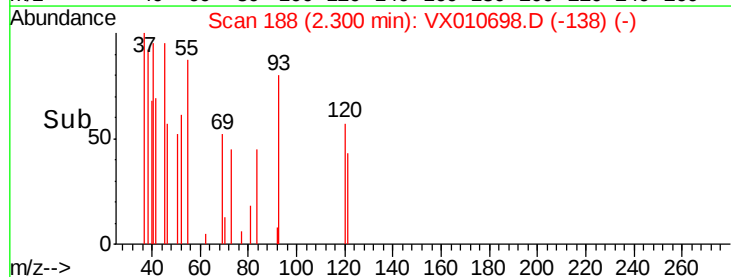
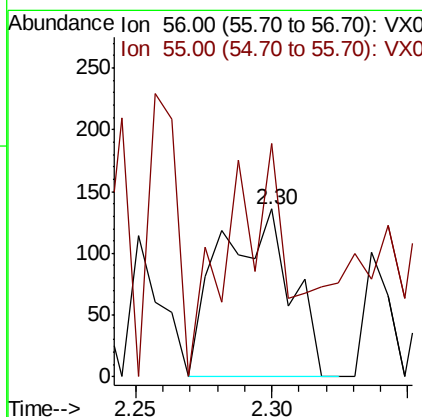
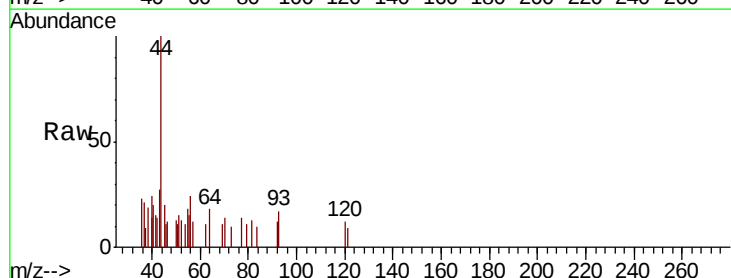
Tot Ion: 59 Resp: 5164
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

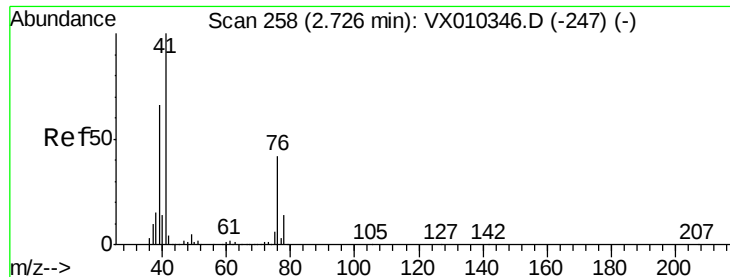


#13

Acrolein
Concen: 0.665 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX010698.D
Acq: 08 Jul 2019 16:12

Tgt Ion: 56 Resp: 244
Ion Ratio Lower Upper
56 100
55 63.9 56.9 85.3





#14

Allvl chloride

Concen: 3.502 ug/l

RT: 2.84 min Scan# 277

Delta R.T. 0.12 min

Lab File: VX010698.D

Acq: 08 Jul 2019 16:12

Instrument :

MSVOA_X

ClientSampled :

FL-0586

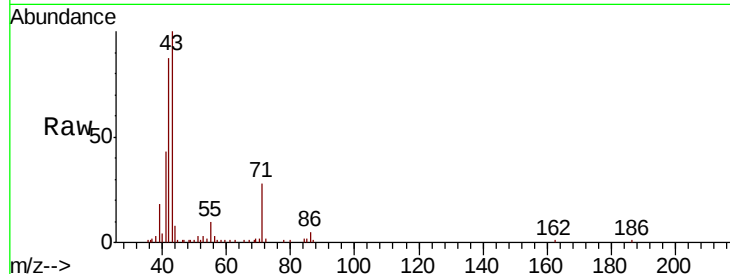
Tot Ion: 41 Resp: 9721

Ion Ratio Lower Upper

41 100

39 49.8 50.3 75.5#

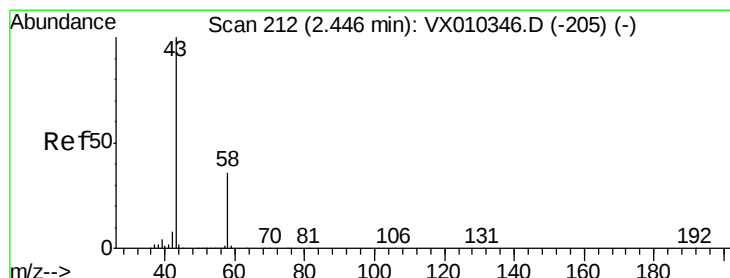
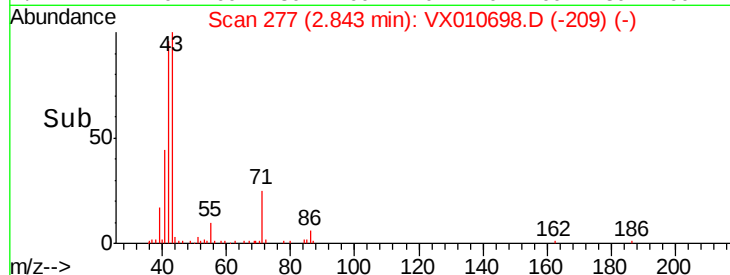
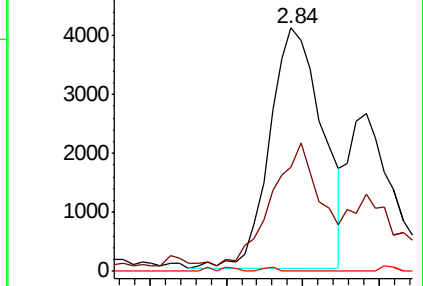
76 0.5 31.3 46.9#



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0



#16

Acetone

Concen: 2.509 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010698.D

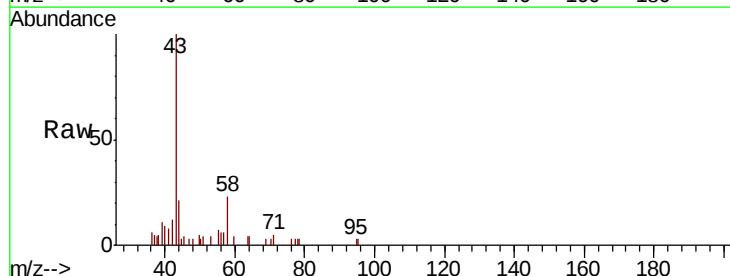
Acq: 08 Jul 2019 16:12

Tgt Ion: 43 Resp: 2659

Ion Ratio Lower Upper

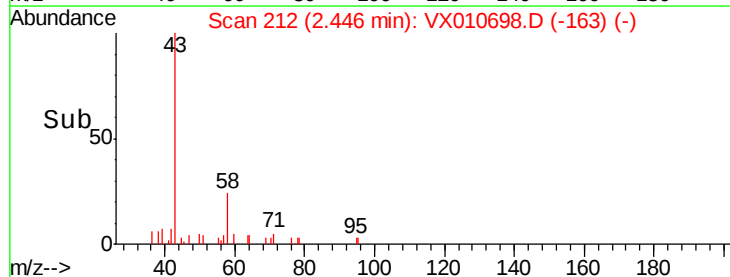
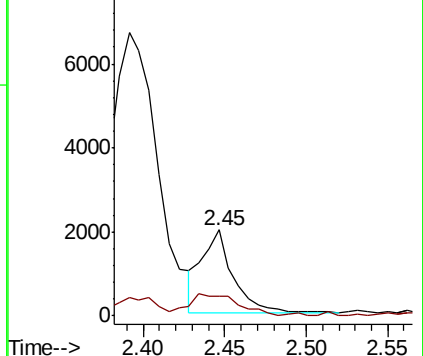
43 100

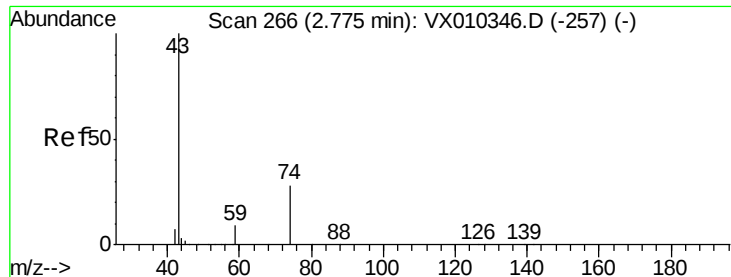
58 23.3 28.9 43.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

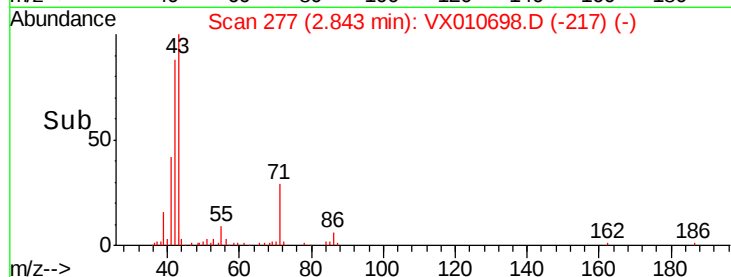
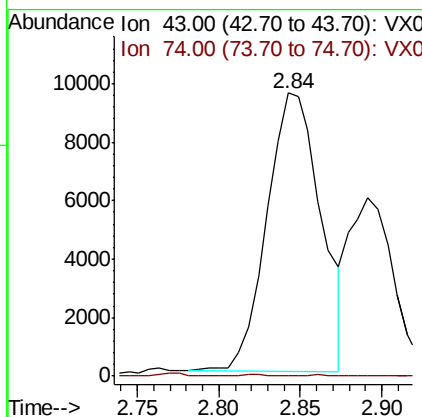
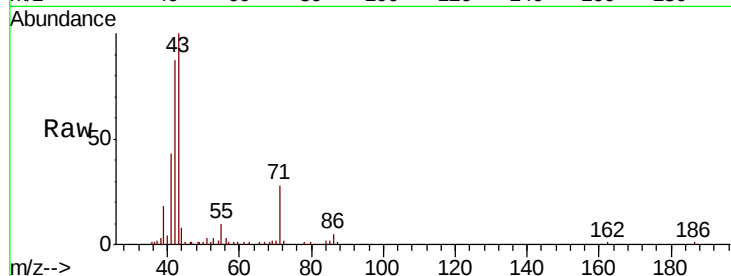




#18
Methyl Acetate
Concen: 10.384 ug/l
RT: 2.84 min Scan# 277
Delta R.T. 0.07 min
Lab File: VX010698.D
Acq: 08 Jul 2019 16:12

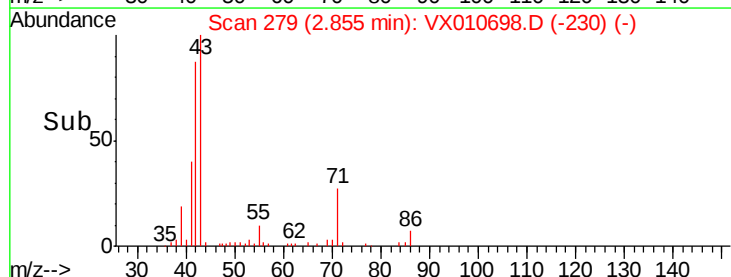
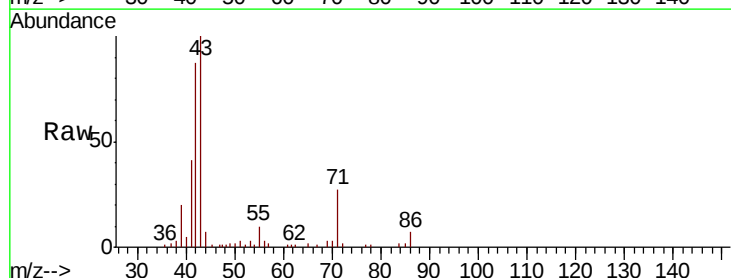
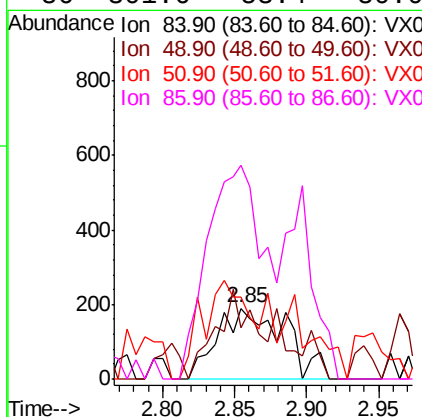
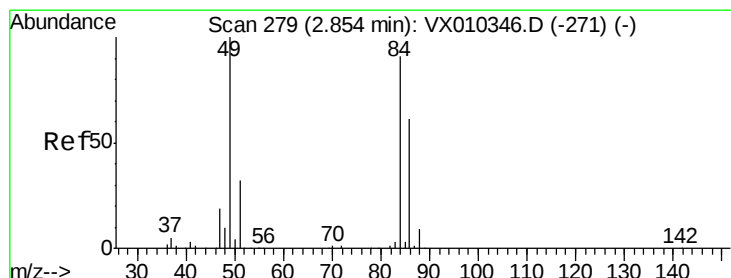
Instrument :
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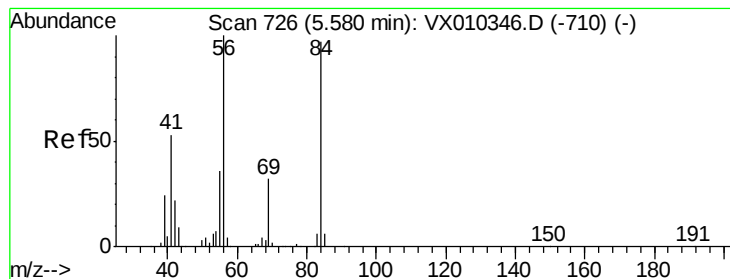
Tot Ion: 43 Resp: 21934
Ion Ratio Lower Upper
43 100
74 0.1 21.3 31.9#



#20
Methylene Chloride
Concen: 0.287 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010698.D
Acq: 08 Jul 2019 16:12

Tgt Ion: 84 Resp: 626
Ion Ratio Lower Upper
84 100
49 73.2 87.5 131.3#
51 70.5 27.7 41.5#
86 301.6 53.4 80.0#





#31

Cyclohexane

Concen: 6.831 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010698.D

Acq: 08 Jul 2019 16:12

Instrument :

MSVOA_X

ClientSampleId :

FL-0586

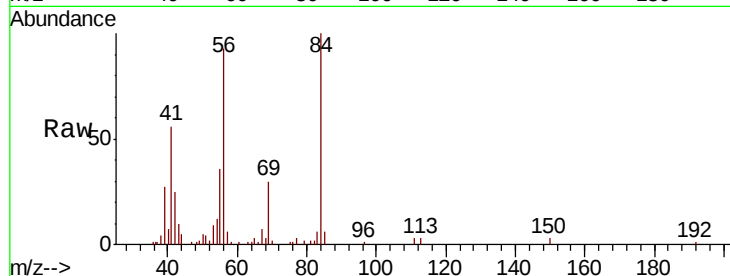
Tot Ion: 56 Resp: 20867

Ion Ratio Lower Upper

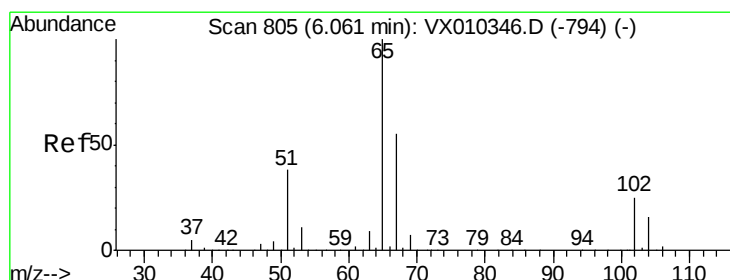
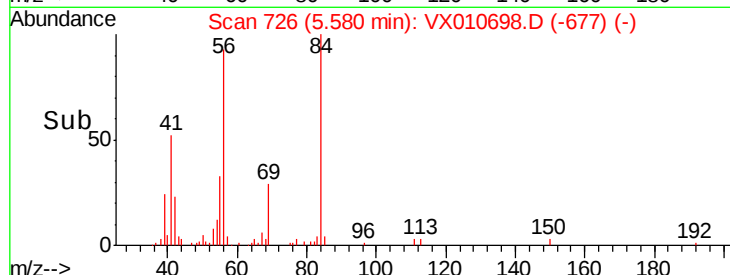
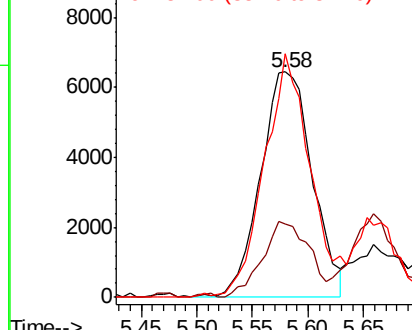
56 100

69 32.6 25.9 38.9

84 107.0 78.0 117.0



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: 53.089 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010698.D

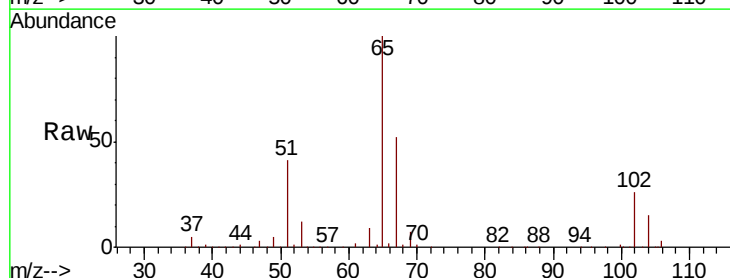
Acq: 08 Jul 2019 16:12

Tgt Ion: 65 Resp: 112269

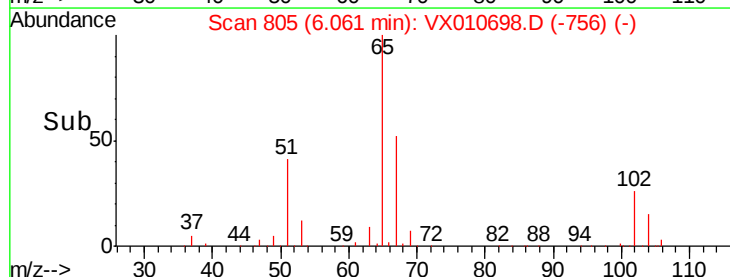
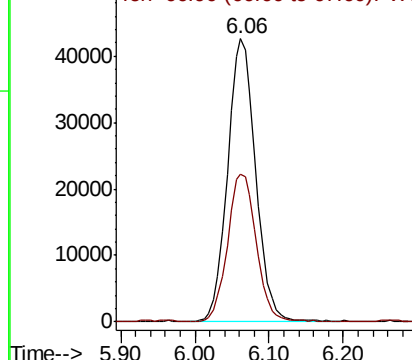
Ion Ratio Lower Upper

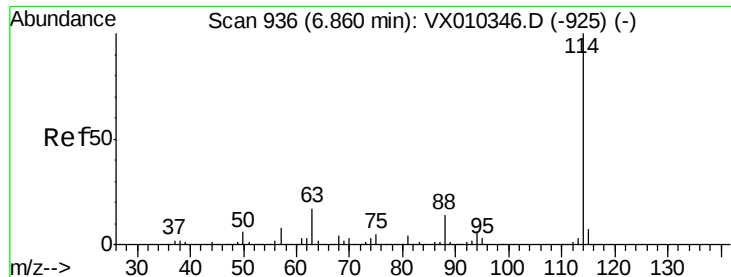
65 100

67 53.7 0.0 110.2



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

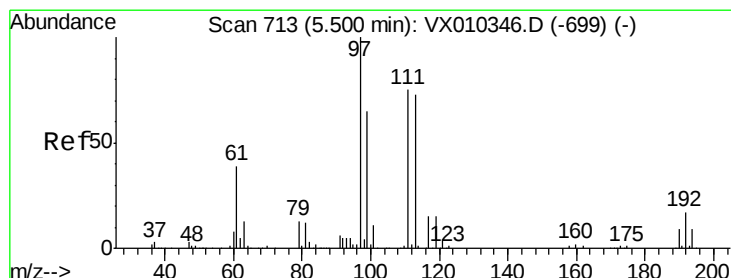
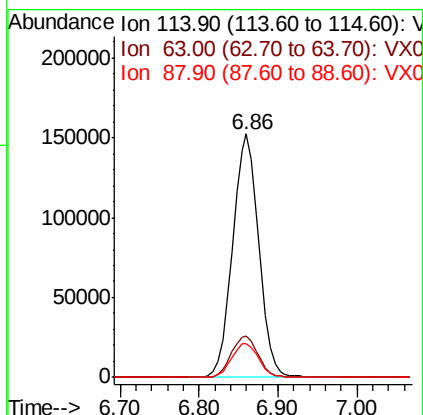
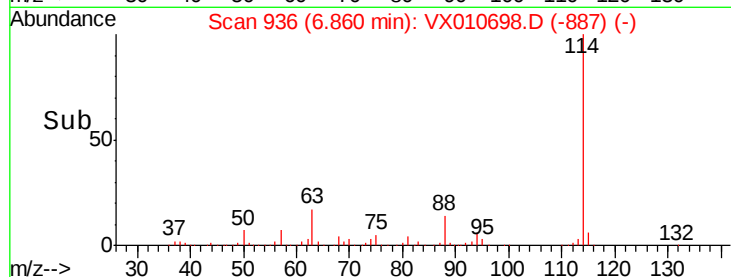
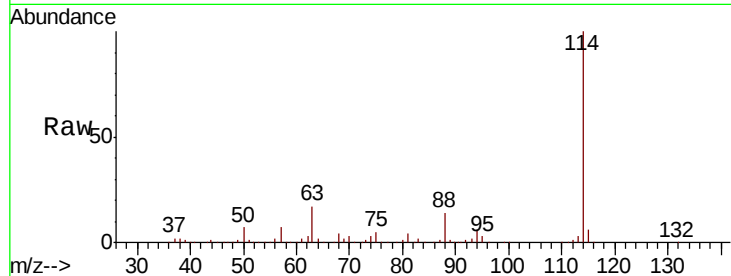




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX010698.D
Acq: 08 Jul 2019 16:12

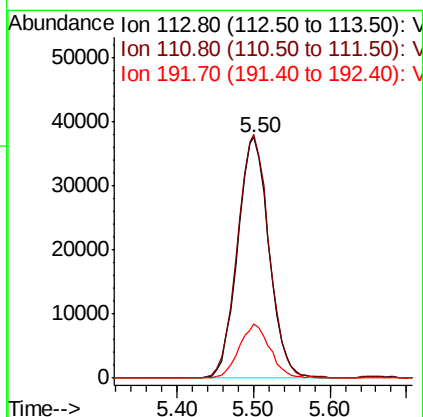
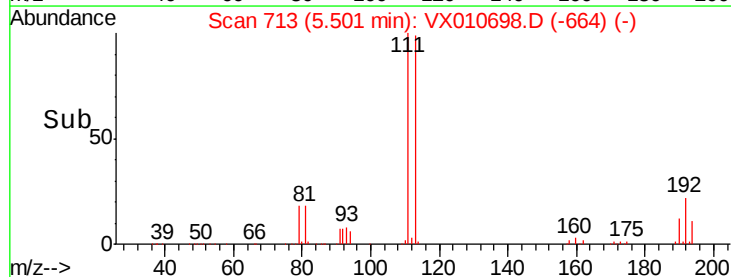
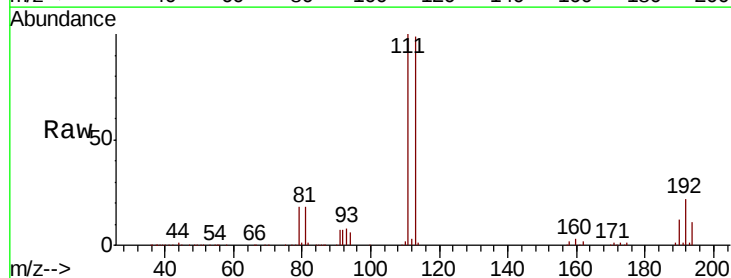
Instrument :
MSVOA_X
ClientSampleId :
FL-0586

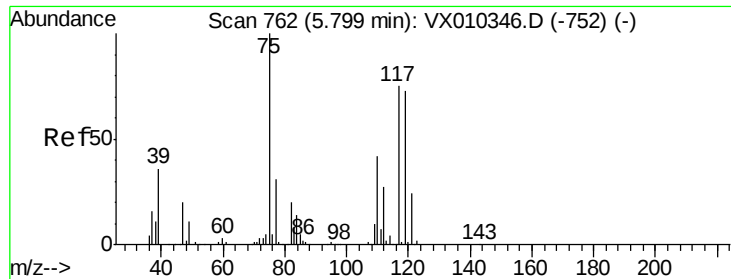
Tot Ion:114 Resp: 349705
Ion Ratio Lower Upper
114 100
63 17.0 0.0 33.8
88 14.1 0.0 27.6



#35
Dibromofluoromethane
Concen: 49.957 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX010698.D
Acq: 08 Jul 2019 16:12

Tgt Ion:113 Resp: 106889
Ion Ratio Lower Upper
113 100
111 101.9 81.2 121.8
192 22.0 18.6 27.8





#36

1,1-Dichloropropene

Concen: 5.368 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX010698.D

Acq: 08 Jul 2019 16:12

Instrument :

MSVOA_X

ClientSampleId :

FL-0586

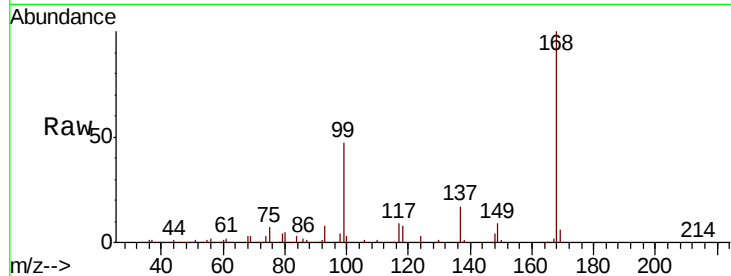
Tot Ion: 75 Resp: 14918

Ion Ratio Lower Upper

75 100

110 11.5 20.8 62.2#

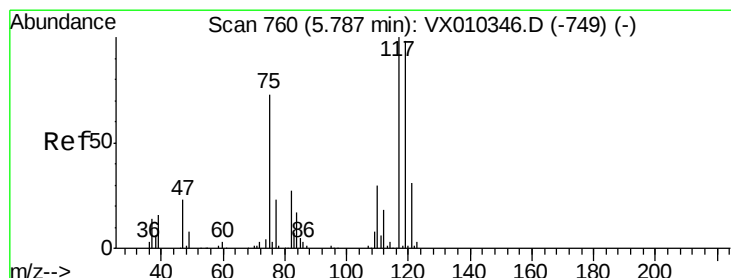
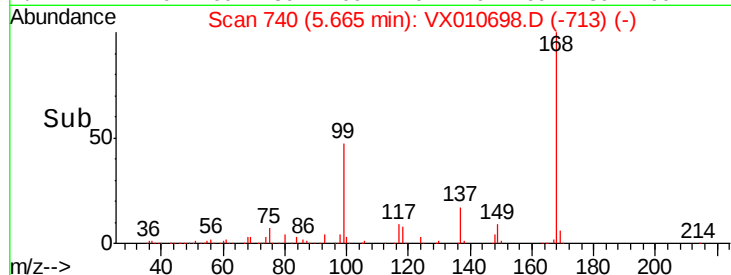
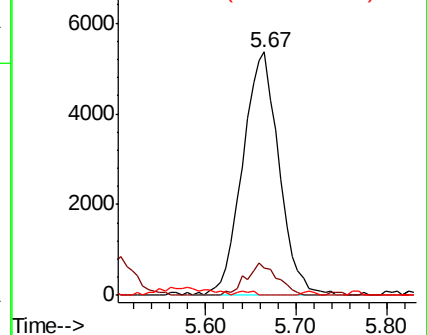
77 0.0 25.4 38.0#



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: 6.657 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX010698.D

Acq: 08 Jul 2019 16:12

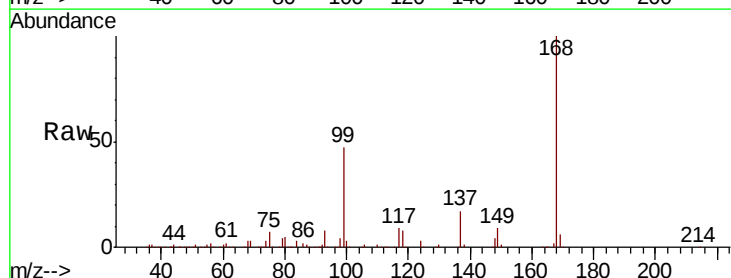
Tgt Ion: 117 Resp: 20032

Ion Ratio Lower Upper

117 100

119 3.9 78.2 117.4#

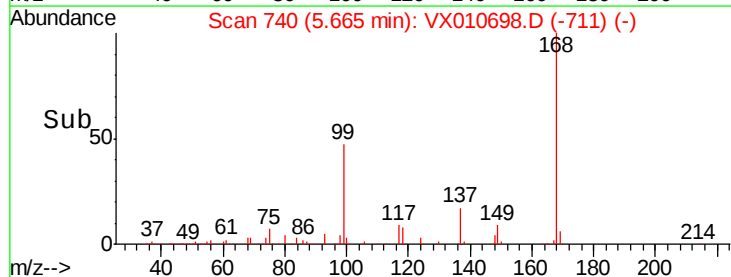
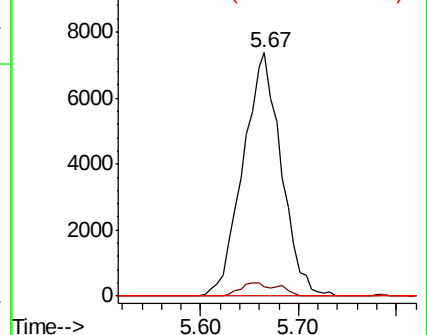
121 0.0 24.7 37.1#

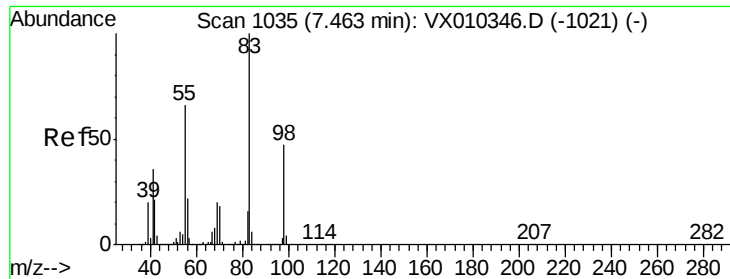


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#39

Methvlcvclohexane

Concen: 7.033 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX010698.D

Acq: 08 Jul 2019 16:12

Instrument :

MSVOA_X

ClientSampleId :

FL-0586

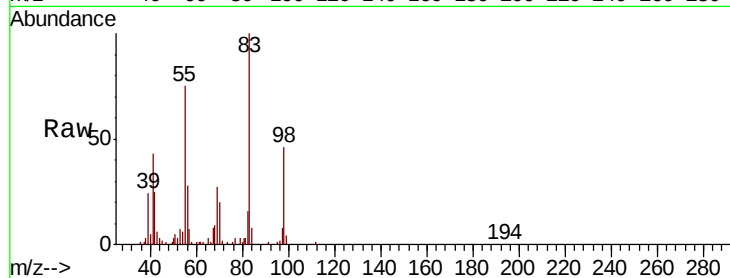
Tot Ion: 83 Resp: 25689

Ion Ratio Lower Upper

83 100

55 74.4 53.0 79.6

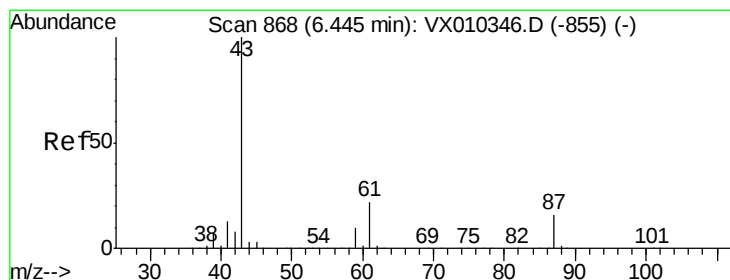
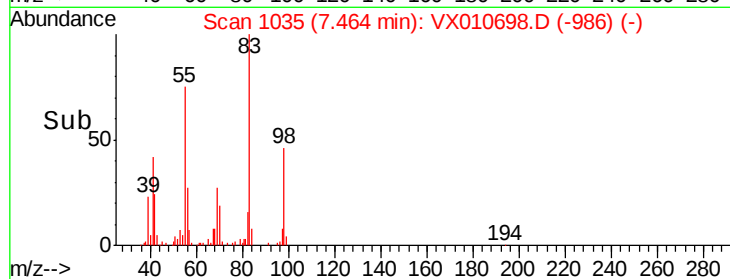
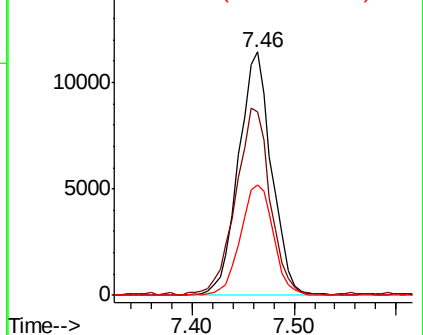
98 45.6 37.8 56.8



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



#43

Isopropyl Acetate

Concen: 0.221 ug/l

RT: 6.45 min Scan# 869

Delta R.T. 0.01 min

Lab File: VX010698.D

Acq: 08 Jul 2019 16:12

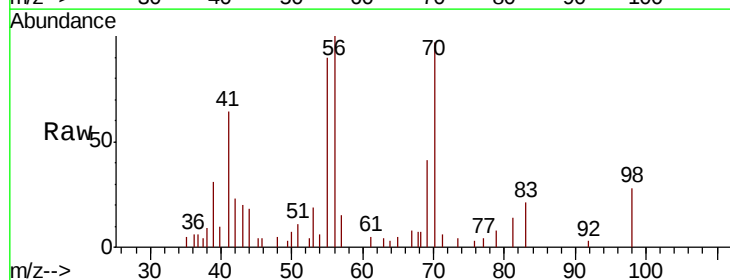
Tgt Ion: 43 Resp: 1044

Ion Ratio Lower Upper

43 100

61 3.1 17.8 26.6#

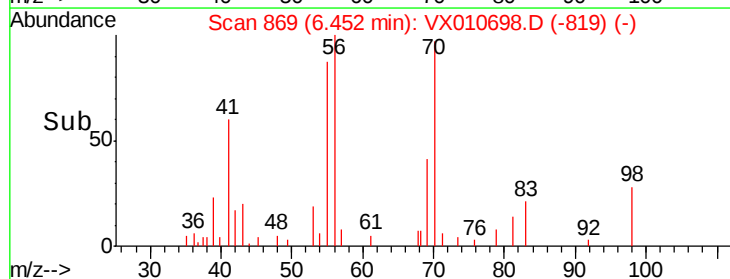
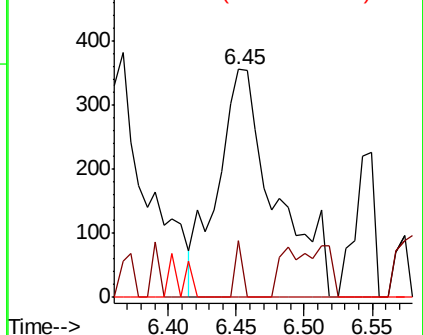
87 0.0 13.0 19.4#

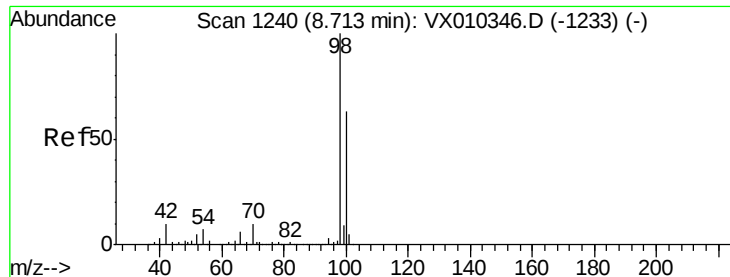


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 50.821 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010698.D

Acq: 08 Jul 2019 16:12

Instrument :

MSVOA_X

ClientSampleId :

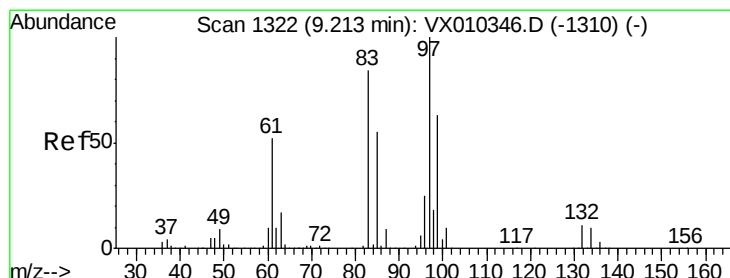
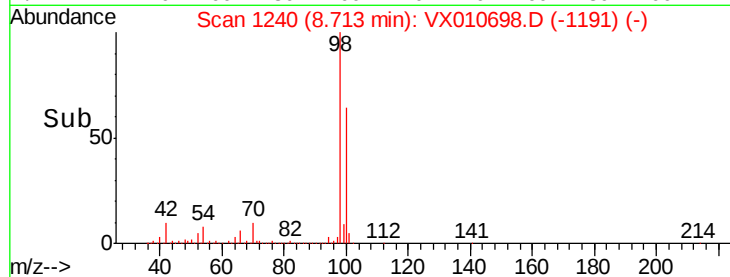
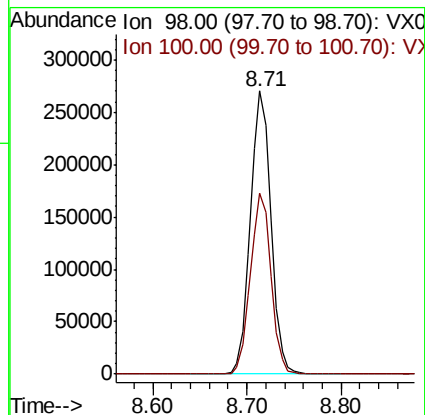
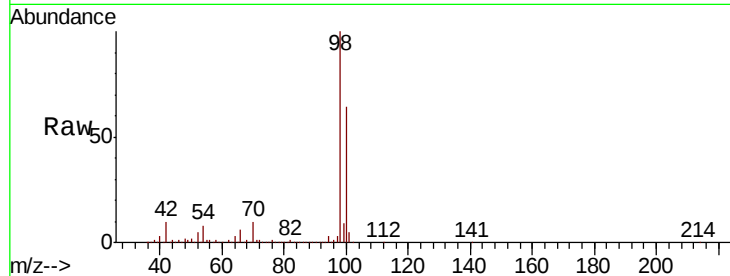
FL-0586

Tot Ion: 98 Resp: 416010

Ion Ratio Lower Upper

98 100

100 64.0 51.6 77.4



#55

1,1,2-Trichloroethane

Concen: 1.437 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX010698.D

Acq: 08 Jul 2019 16:12

Tgt Ion: 97 Resp: 3378

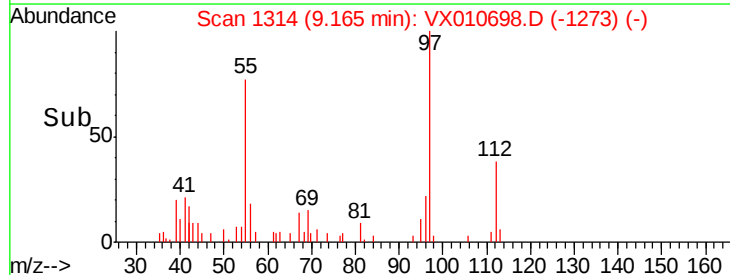
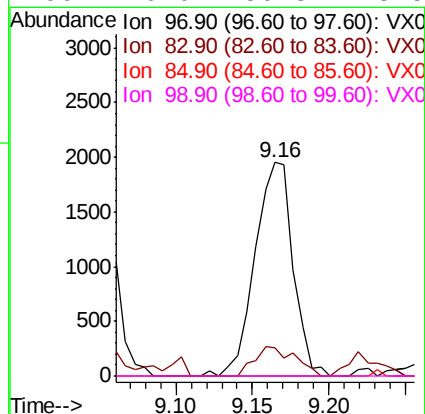
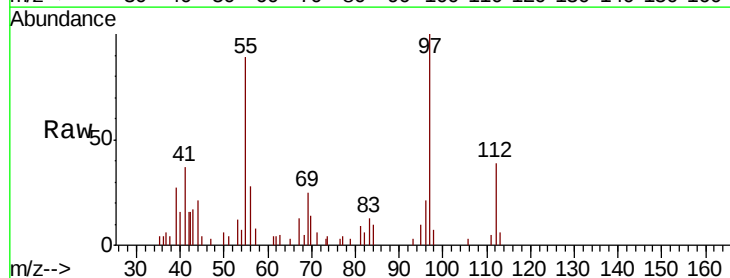
Ion Ratio Lower Upper

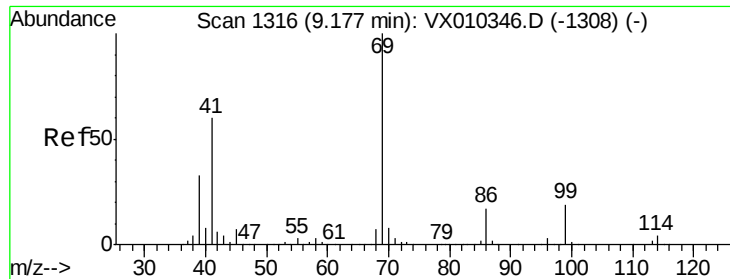
97 100

83 13.0 67.4 101.0#

85 0.0 43.8 65.8#

99 0.0 50.3 75.5#





#56

Ethyl methacrylate

Concen: 0.254 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.01 min

Lab File: VX010698.D

Acq: 08 Jul 2019 16:12

Instrument :

MSVOA_X

ClientSampleID :

FL-0586

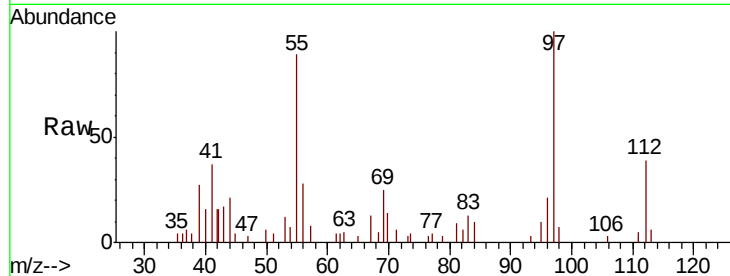
Tot Ion: 69 Resp: 906

Ion Ratio Lower Upper

69 100

41 113.1 47.1 70.7#

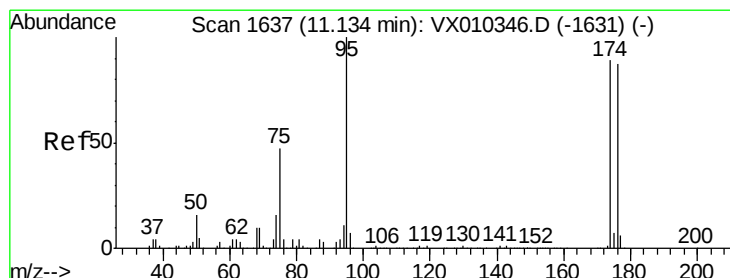
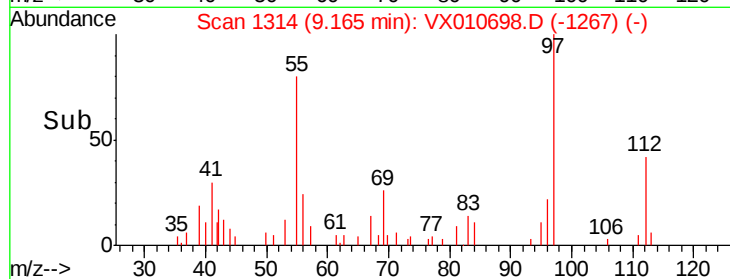
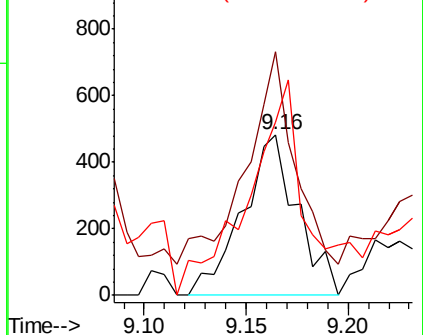
39 83.2 26.6 40.0#



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#62

4-Bromofluorobenzene

Concen: 47.697 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010698.D

Acq: 08 Jul 2019 16:12

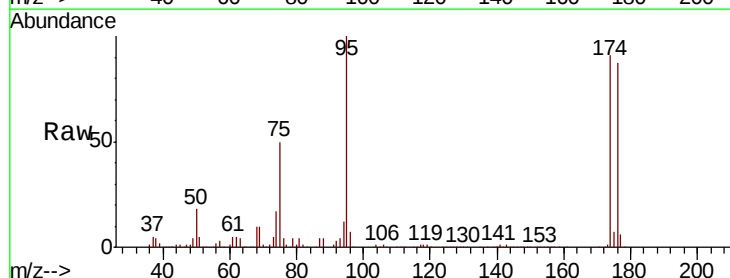
Tgt Ion: 95 Resp: 140958

Ion Ratio Lower Upper

95 100

174 94.3 0.0 187.6

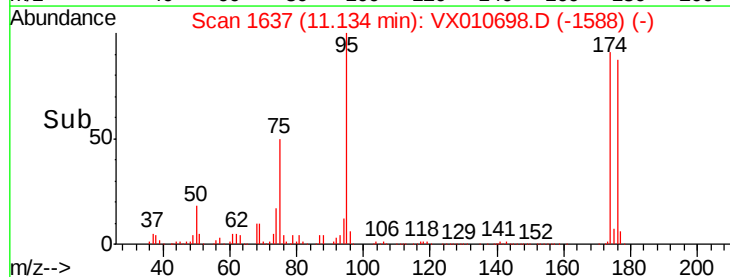
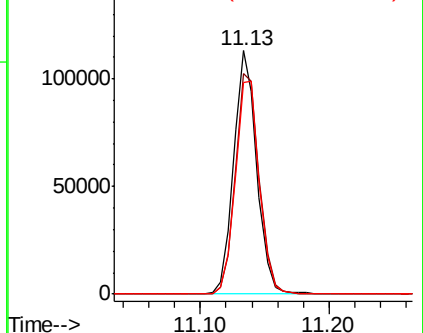
176 91.2 0.0 184.0

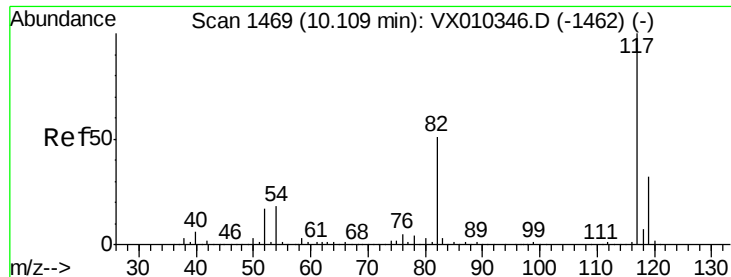


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

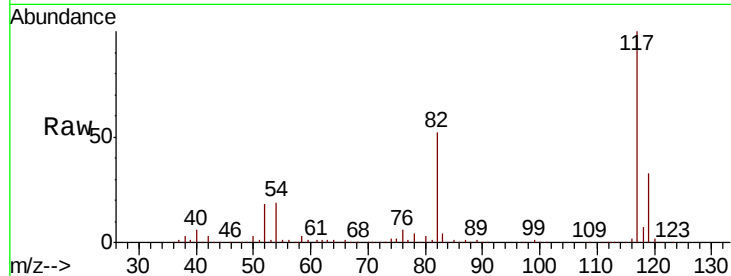




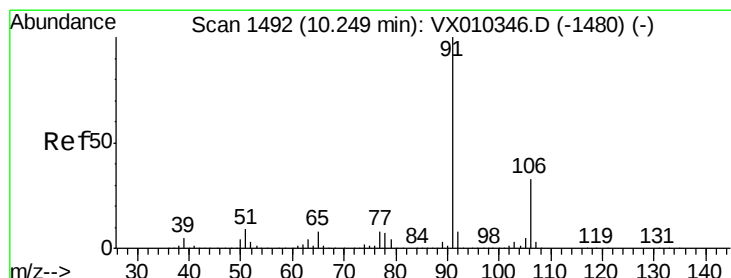
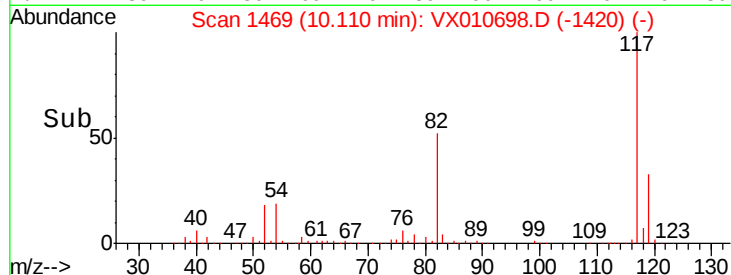
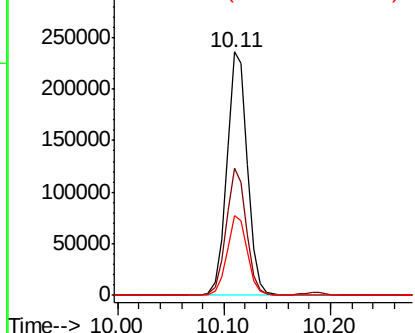
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010698.D
Acq: 08 Jul 2019 16:12

Instrument :
MSVOA_X
ClientSampled :
FL-0586

Tot Ion:117 Resp: 317772
Ion Ratio Lower Upper
117 100
82 52.3 41.2 61.8
119 32.9 25.5 38.3

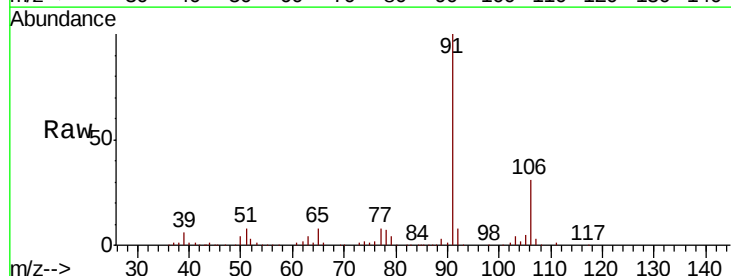


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

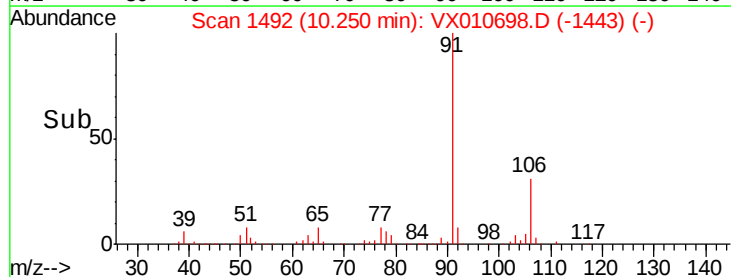
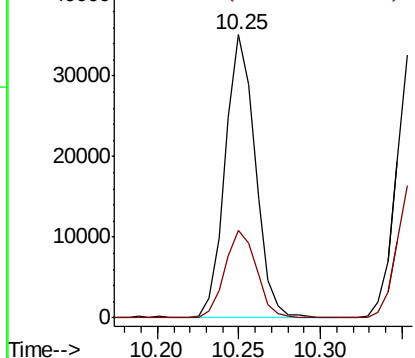


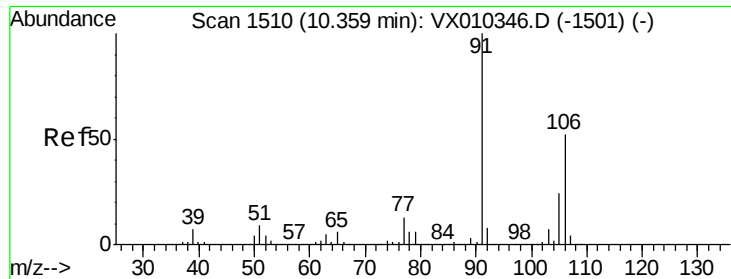
#67
Ethyl Benzene
Concen: 4.112 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010698.D
Acq: 08 Jul 2019 16:12

Tgt Ion: 91 Resp: 44781
Ion Ratio Lower Upper
91 100
106 31.1 26.2 39.2



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

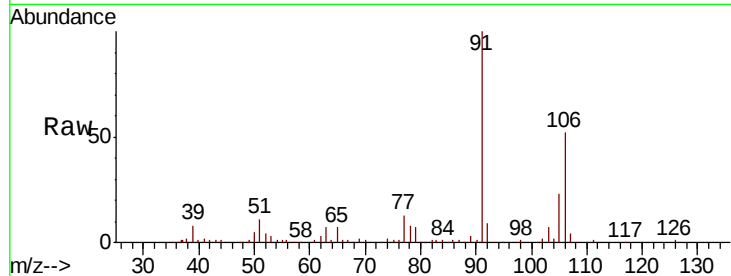




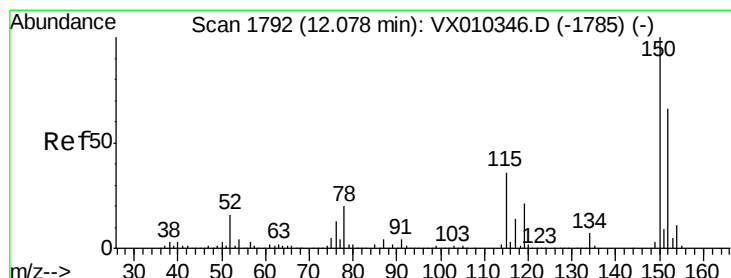
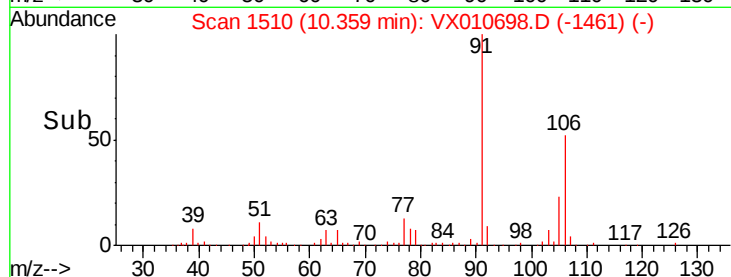
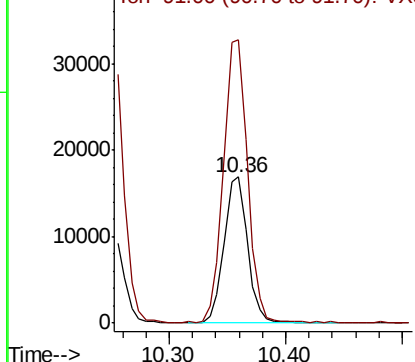
#68
m/p-Xvlenes
Concen: 5.645 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010698.D
Acq: 08 Jul 2019 16:12

Instrument :
MSVOA_X
ClientSampleId :
FL-0586

Tot Ion:106 Resp: 23821
Ion Ratio Lower Upper
106 100
91 195.9 155.3 232.9

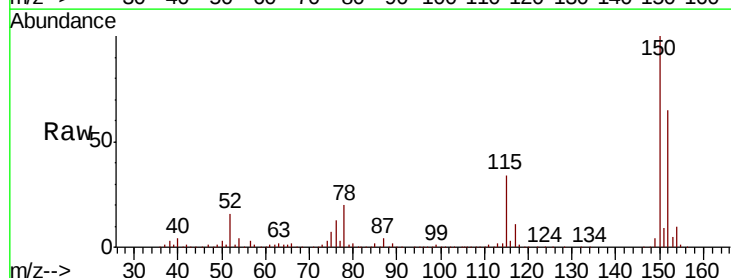


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

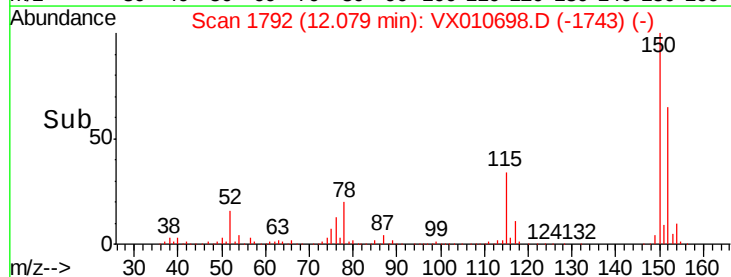
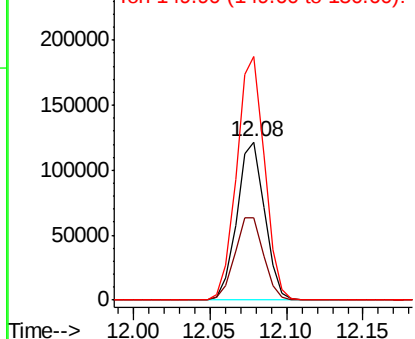


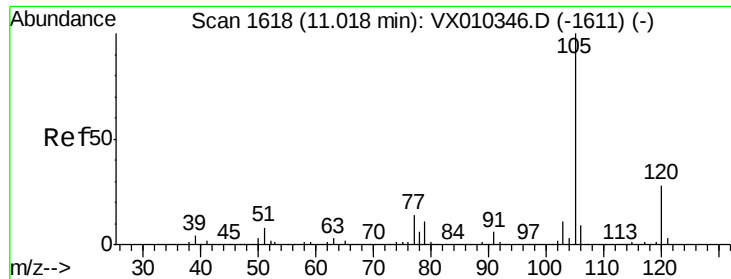
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010698.D
Acq: 08 Jul 2019 16:12

Tgt Ion:152 Resp: 152786
Ion Ratio Lower Upper
152 100
115 54.1 38.6 115.7
150 155.2 0.0 347.4



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: 2.678 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010698.D

Acq: 08 Jul 2019 16:12

Instrument :

MSVOA_X

ClientSampleId :

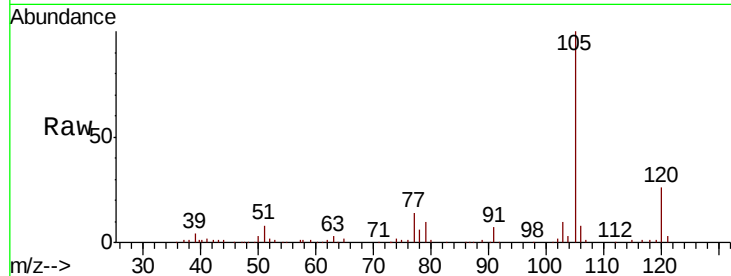
FL-0586

Tot Ion:105 Resp: 27739

Ion Ratio Lower Upper

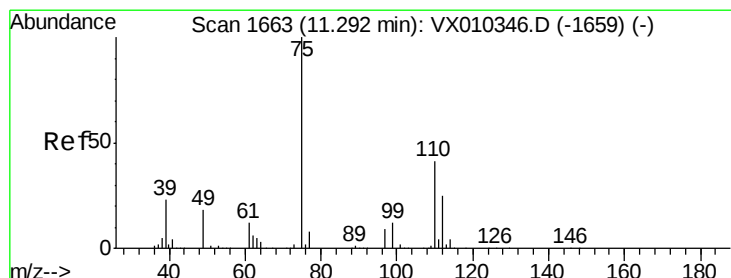
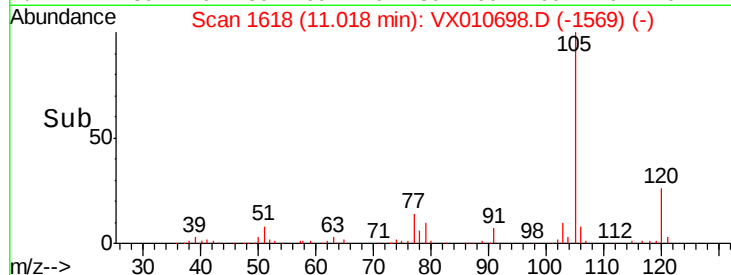
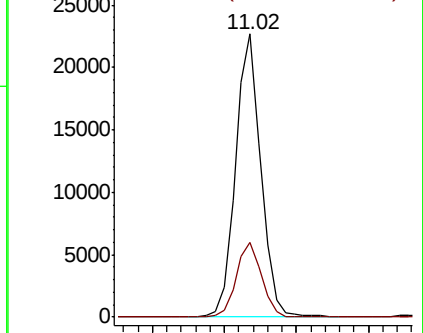
105 100

120 26.4 14.1 42.4



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: 24.796 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010698.D

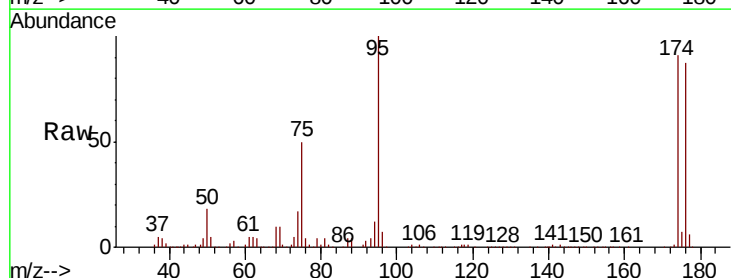
Acq: 08 Jul 2019 16:12

Tgt Ion: 75 Resp: 69035

Ion Ratio Lower Upper

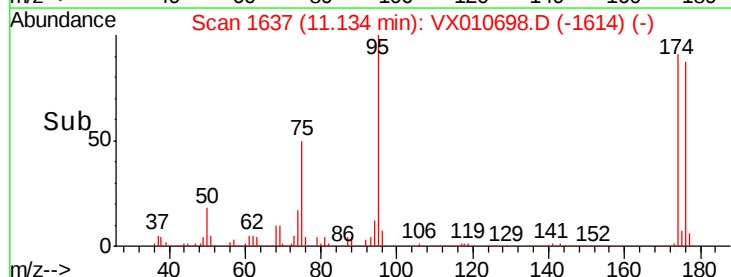
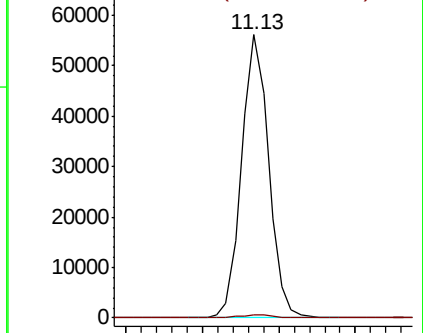
75 100

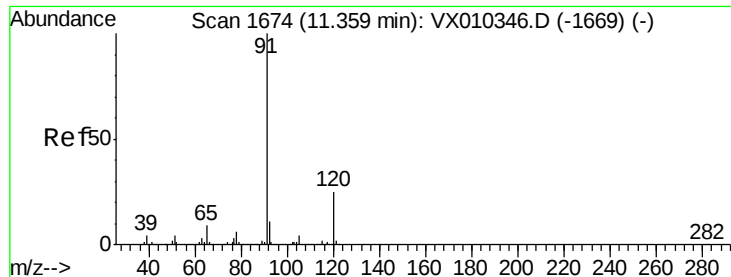
77 1.3 22.6 67.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 4.094 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010698.D

Acq: 08 Jul 2019 16:12

Instrument :

MSVOA_X

ClientSampleId :

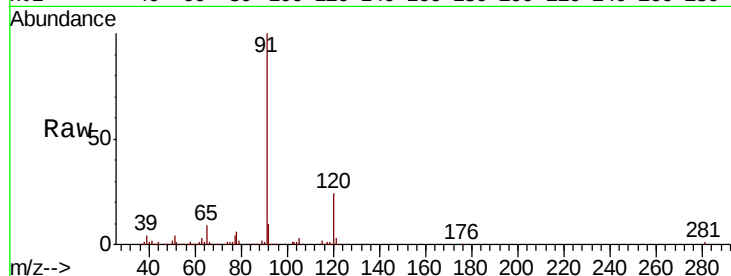
FL-0586

Tot Ion: 91 Resp: 46603

Ion Ratio Lower Upper

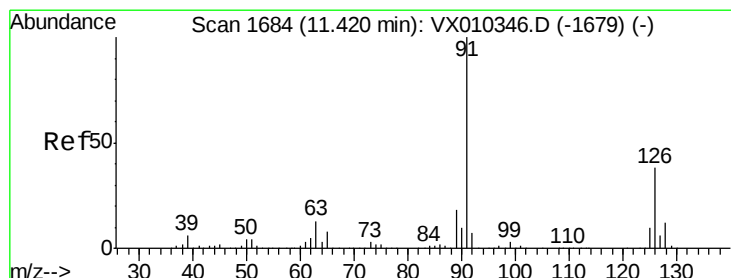
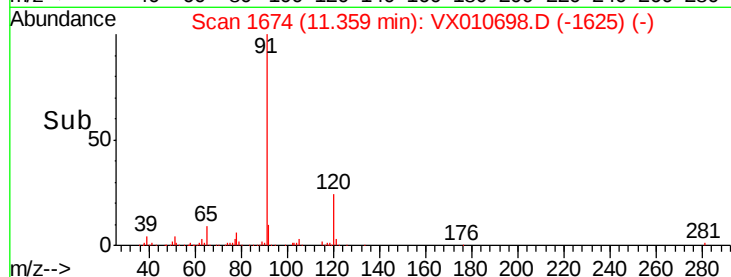
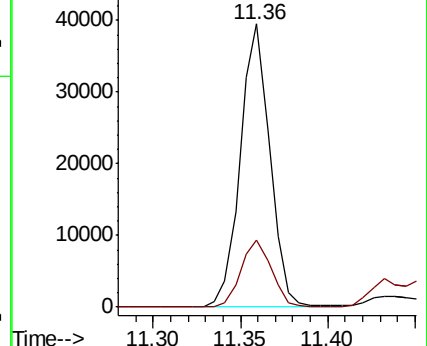
91 100

120 24.6 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 0.518 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX010698.D

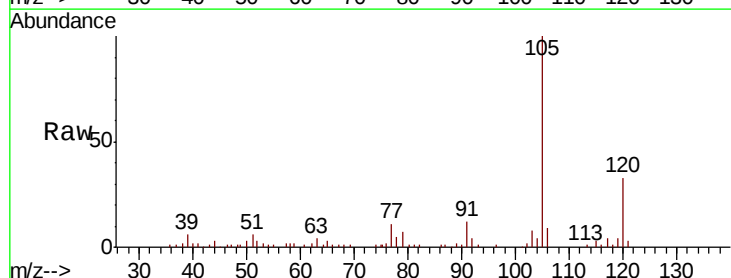
Acq: 08 Jul 2019 16:12

Tgt Ion: 91 Resp: 3514

Ion Ratio Lower Upper

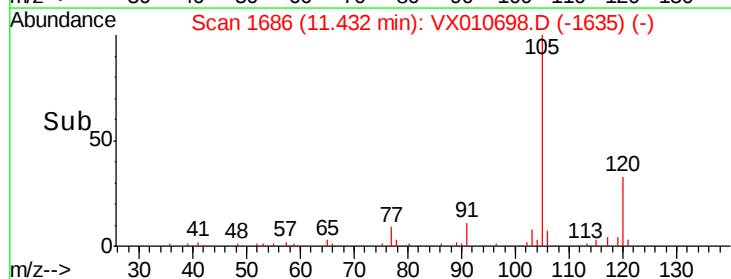
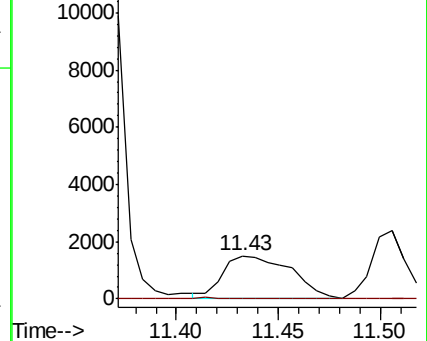
91 100

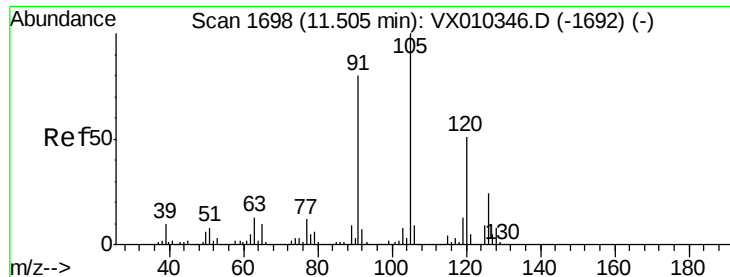
126 0.8 18.7 56.1#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

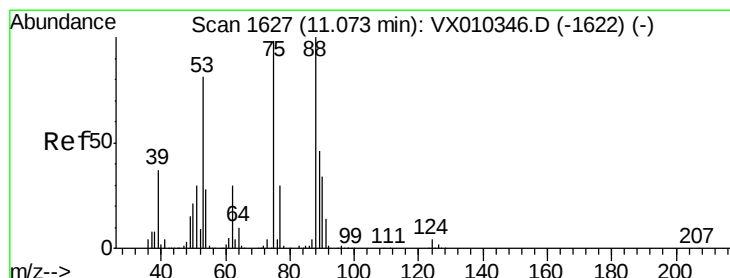
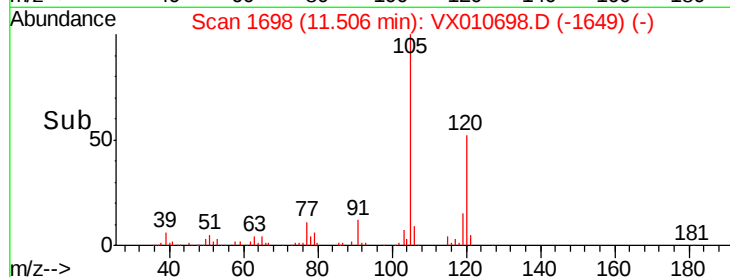
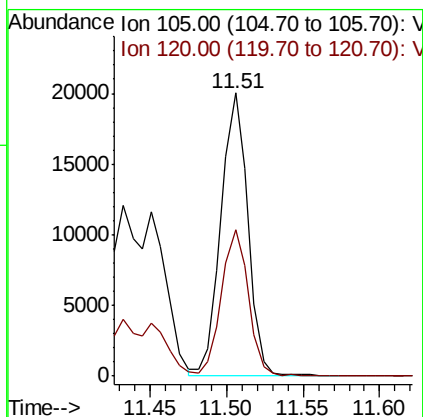
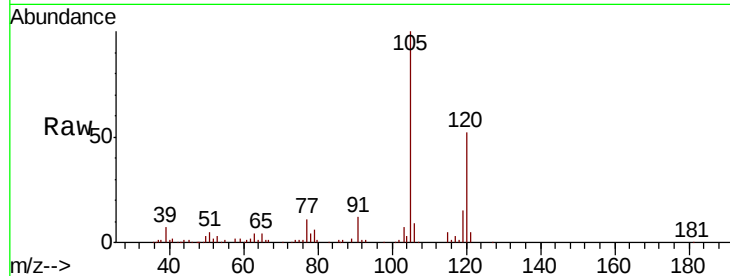




#80
 1,3,5-Trimethylbenzene
 Concen: 2.876 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010698.D
 Acq: 08 Jul 2019 16:12

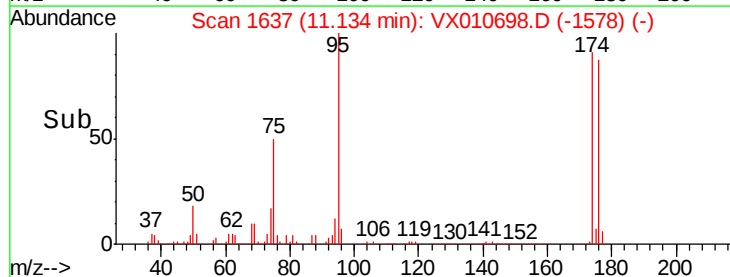
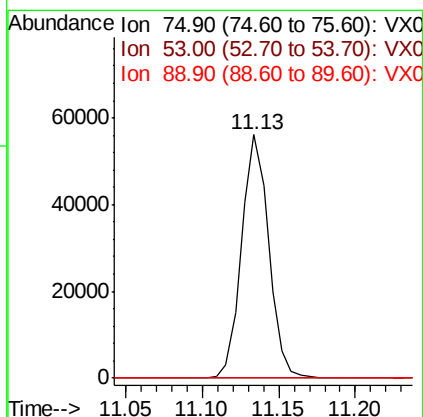
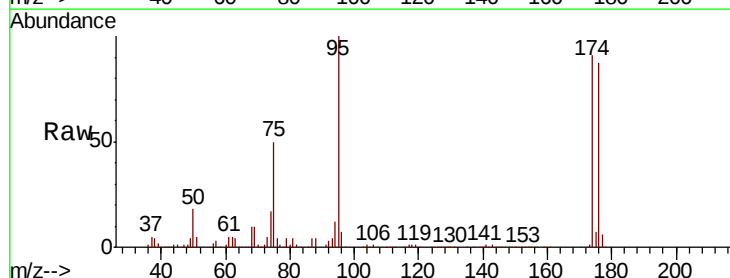
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0586

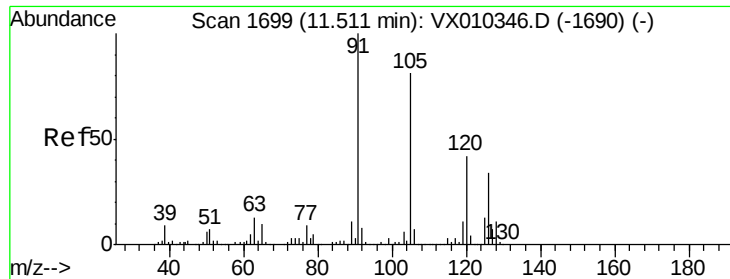
Tot Ion:105 Resp: 24554
 Ion Ratio Lower Upper
 105 100
 120 51.7 25.2 75.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 57.846 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX010698.D
 Acq: 08 Jul 2019 16:12

Tgt Ion: 75 Resp: 69035
 Ion Ratio Lower Upper
 75 100
 53 0.4 66.1 99.1#
 89 0.0 37.8 56.6#





#82

4-Chlorotoluene

Concen: 0.391 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX010698.D

Acq: 08 Jul 2019 16:12

Instrument :

MSVOA_X

ClientSampleId :

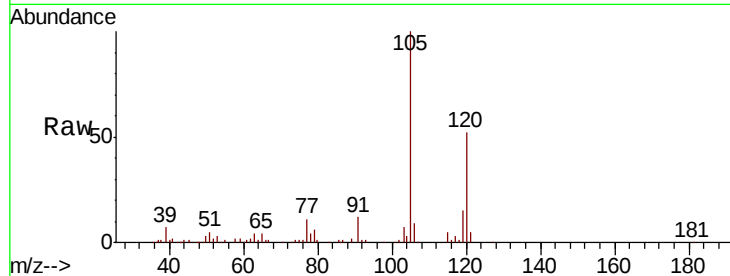
FL-0586

Tot Ion: 91 Resp: 3017

Ion Ratio Lower Upper

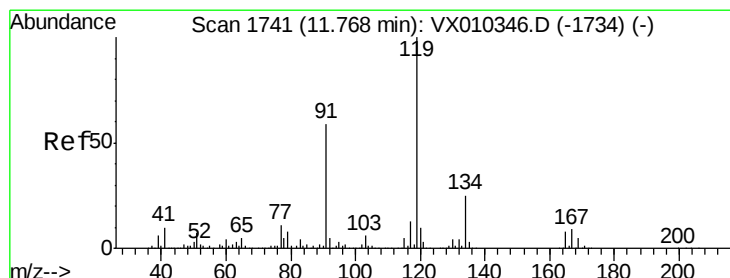
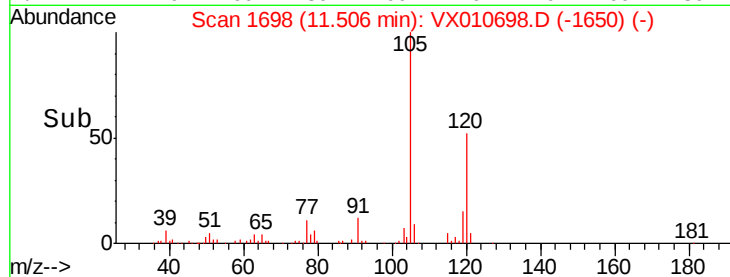
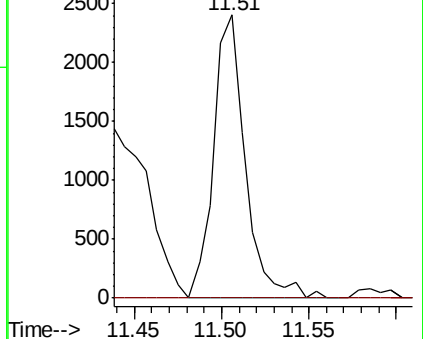
91 100

126 0.0 16.2 48.6#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#83

tert-Butylbenzene

Concen: 0.257 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX010698.D

Acq: 08 Jul 2019 16:12

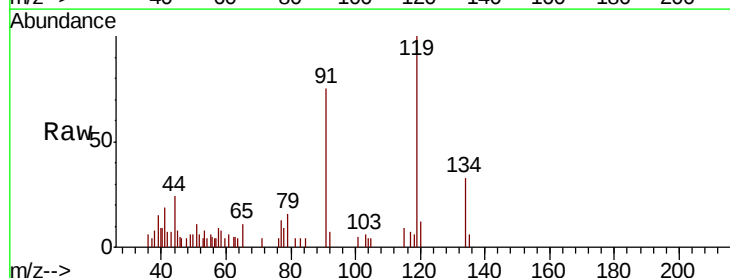
Tgt Ion: 119 Resp: 2200

Ion Ratio Lower Upper

119 100

91 63.3 27.6 82.7

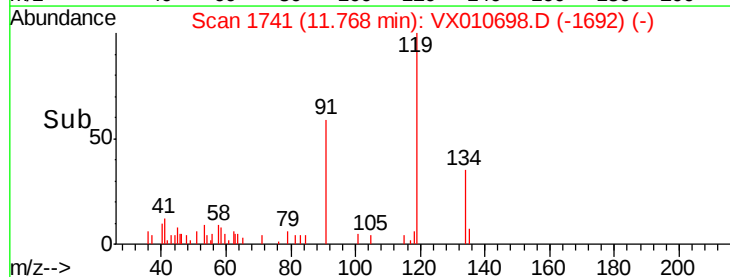
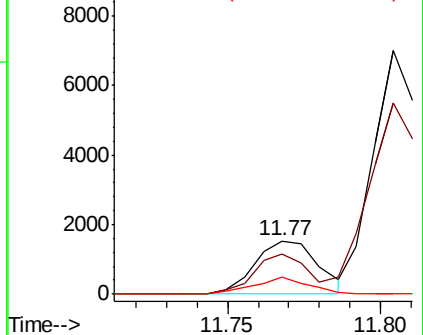
134 27.6 11.8 35.4

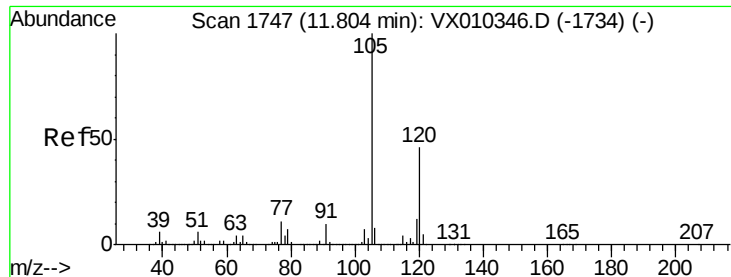


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V





#84

1,2,4-Trimethylbenzene

Concen: 7.738 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010698.D

Acq: 08 Jul 2019 16:12

Instrument :

MSVOA_X

ClientSampleId :

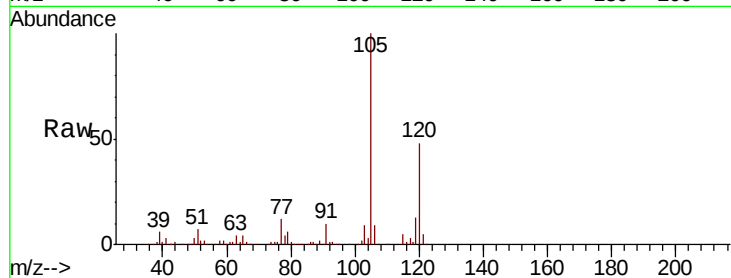
FL-0586

Tot Ion:105 Resp: 66377

Ion Ratio Lower Upper

105 100

120 47.5 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.80

60000

50000

40000

30000

20000

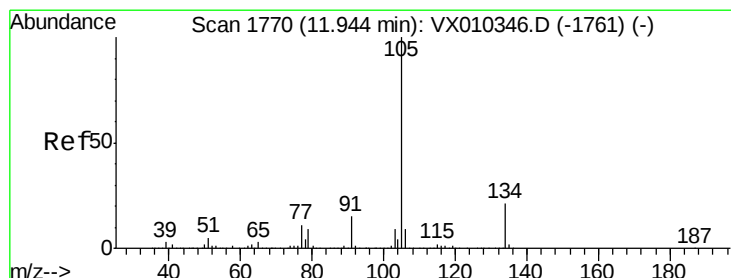
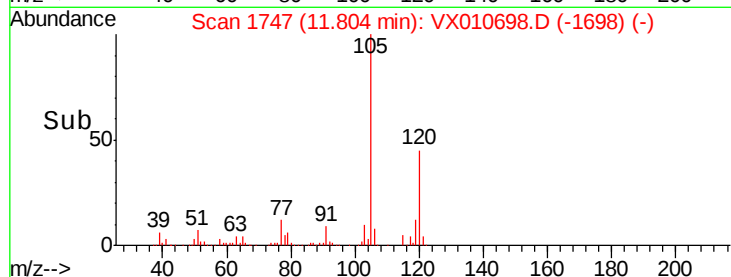
10000

0

11.80

11.90

Time-->



#85

sec-Butylbenzene

Concen: 2.413 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010698.D

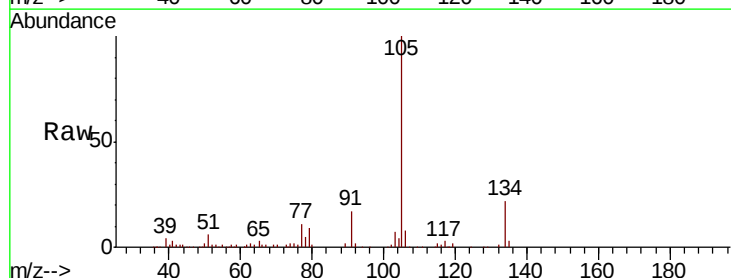
Acq: 08 Jul 2019 16:12

Tgt Ion:105 Resp: 24279

Ion Ratio Lower Upper

105 100

134 28.5 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

20000

15000

10000

5000

0

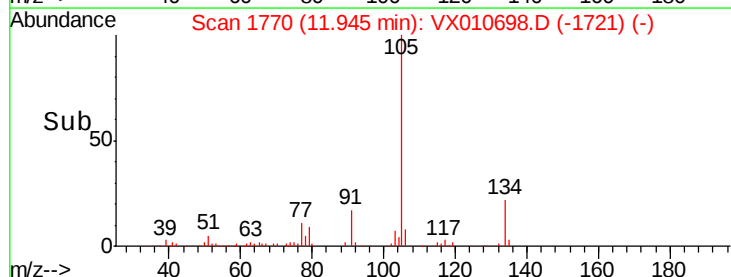
11.85

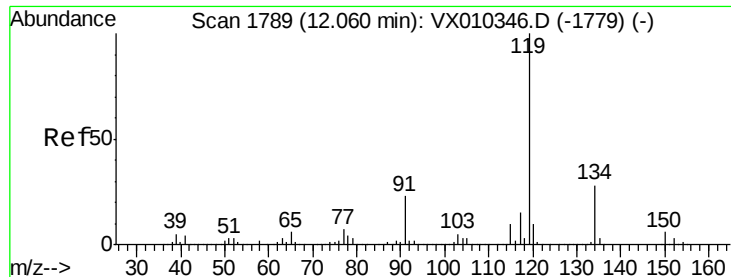
11.90

11.95

12.00

Time-->

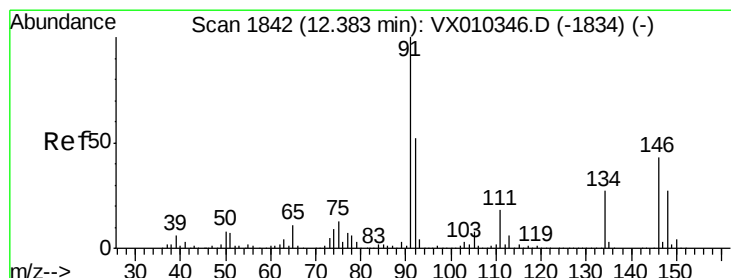
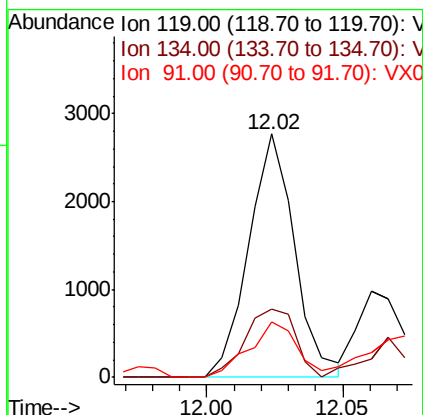
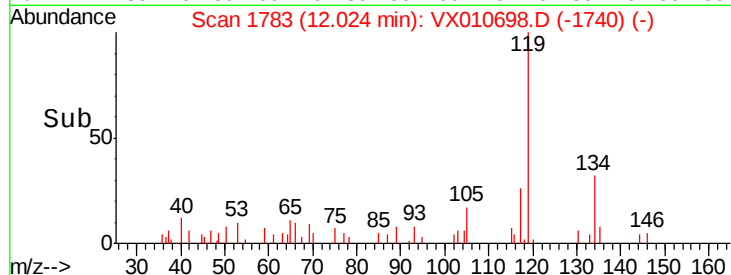
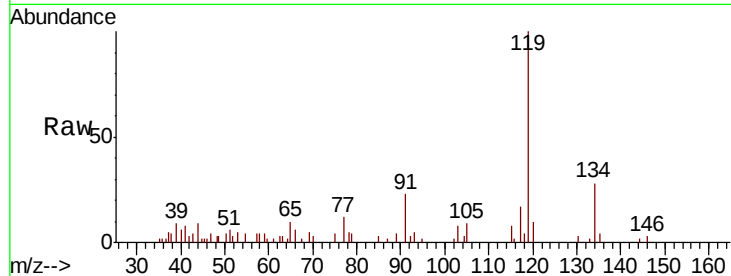




#86
p-Isopropyltoluene
Concen: 0.348 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.04 min
Lab File: VX010698.D
Acq: 08 Jul 2019 16:12

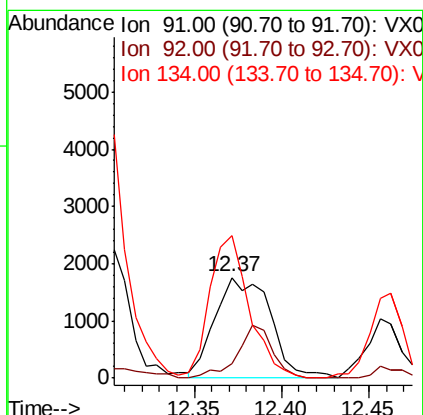
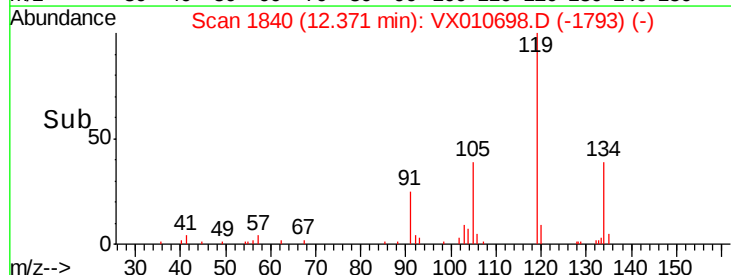
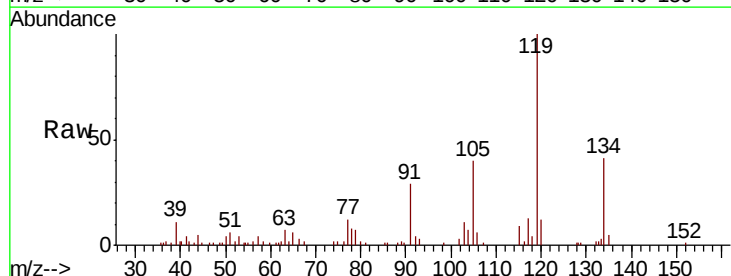
Instrument :
MSVOA_X
ClientSampleId :
FL-0586

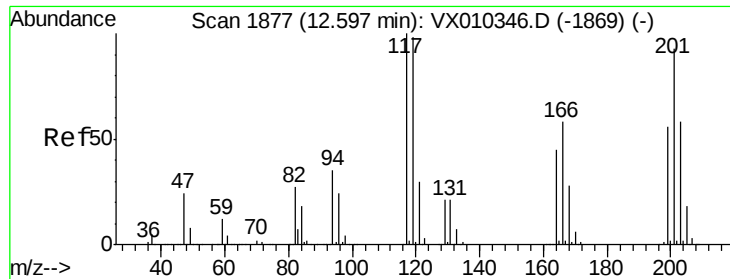
Tot Ion:119 Resp: 3237
Ion Ratio Lower Upper
119 100
134 30.7 13.7 41.1
91 23.9 11.3 33.8



#89
n-Butylbenzene
Concen: 0.490 ug/l
RT: 12.37 min Scan# 1840
Delta R.T. -0.01 min
Lab File: VX010698.D
Acq: 08 Jul 2019 16:12

Tgt Ion: 91 Resp: 3875
Ion Ratio Lower Upper
91 100
92 33.4 26.2 78.5
134 101.5 14.1 42.4#





#90

Hexachloroethane

Concen: 0.940 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX010698.D

Acq: 08 Jul 2019 16:12

Instrument :

MSVOA_X

ClientSampleId :

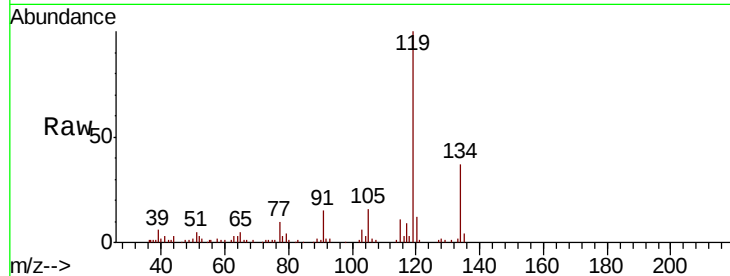
FL-0586

Tot Ion:117 Resp: 1513

Ion Ratio Lower Upper

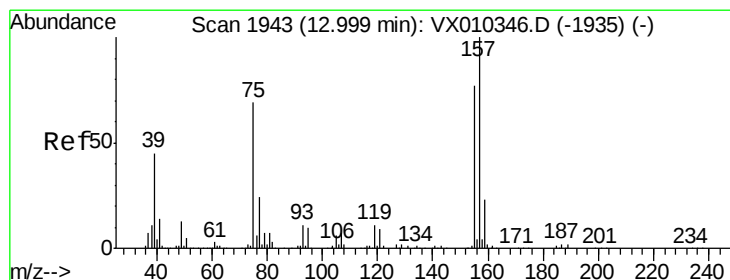
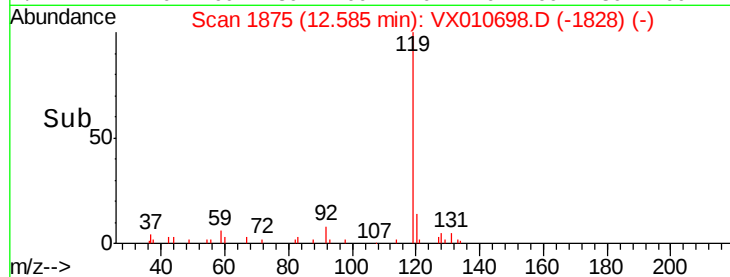
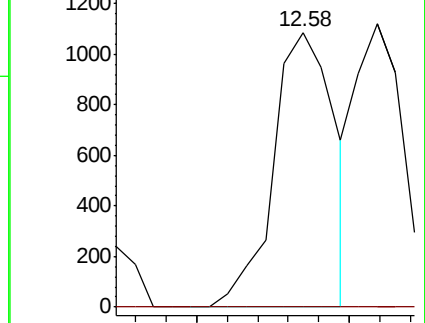
117 100

201 0.0 44.0 131.8#



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: 0.345 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX010698.D

Acq: 08 Jul 2019 16:12

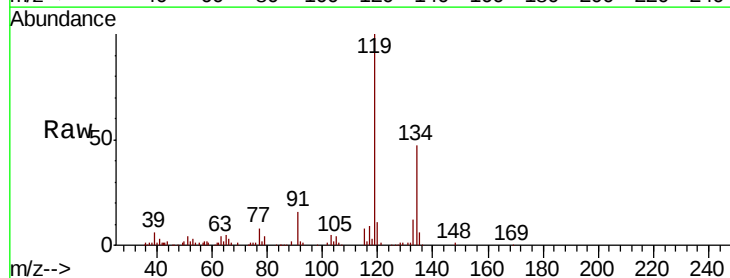
Tgt Ion: 75 Resp: 255

Ion Ratio Lower Upper

75 100

155 0.0 54.4 163.1#

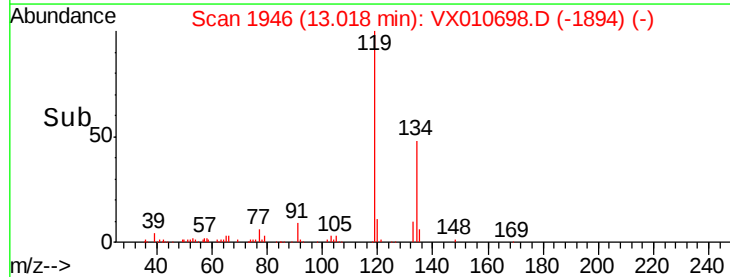
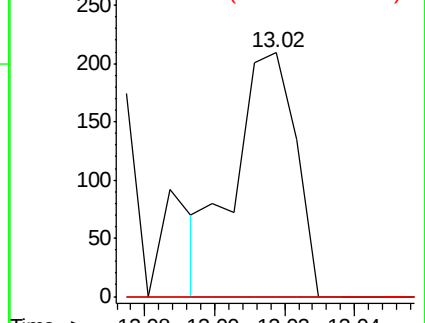
157 0.0 69.5 208.3#

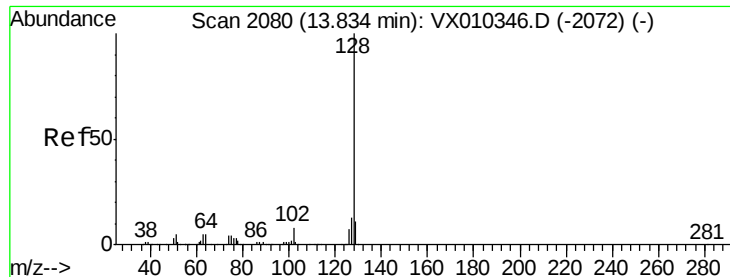


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

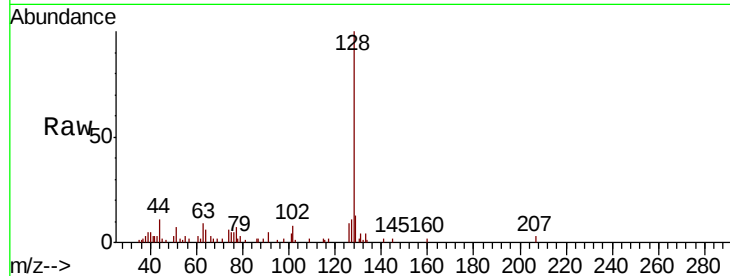




#95
Naphthalene
Concen: 0.540 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010698.D
Acq: 08 Jul 2019 16:12

Instrument :
MSVOA_X
ClientSampleId :
FL-0586

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.9	10.2	15.4
129	20.9	8.9	13.3



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

