

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071519\
 Data File : VX010880.D
 Acq On : 15 Jul 2019 13:32
 Operator : JC/SP
 Sample : K3786-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0587

Quant Time: Jul 16 01:58:24 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	230442	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	360419	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	331482	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	160965	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	119304	55.22	ug/l	0.00
Spiked Amount			Recovery	=	110.44%	
35) Dibromofluoromethane	5.50	113	113812	51.61	ug/l	0.00
Spiked Amount			Recovery	=	103.22%	
50) Toluene-d8	8.71	98	430525	51.03	ug/l	0.00
Spiked Amount			Recovery	=	102.06%	
62) 4-Bromofluorobenzene	11.13	95	153578	50.42	ug/l	0.00
Spiked Amount			Recovery	=	100.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	747	0.400	ug/l #	82
5) Bromomethane	1.65	94	342	0.344	ug/l	83
6) Chloroethane	1.53	64	22783	18.899	ug/l #	52
11) Tert butyl alcohol	3.04	59	473	0.837	ug/l #	74
13) Acrolein	2.29	56	251	0.669	ug/l #	5
14) Allyl chloride	2.61	41	1108	0.391	ug/l #	57
15) Acrylonitrile	3.17	53	2488	2.223	ug/l #	54
16) Acetone	2.44	43	3101	2.864	ug/l #	86
17) Carbon Disulfide	2.57	76	1539	0.287	ug/l #	77
18) Methyl Acetate	2.85	43	43495	20.154	ug/l #	48
20) Methylene Chloride	2.85	84	671	0.301	ug/l #	1
31) Cyclohexane	5.58	56	21304	6.826	ug/l	87
36) 1,1-Dichloropropene	5.66	75	15202	5.308	ug/l #	47
38) Carbon Tetrachloride	5.67	117	20409	6.581	ug/l #	15
39) Methylcyclohexane	7.46	83	20063	5.329	ug/l #	83
40) Benzene	6.15	78	12870	1.442	ug/l	100
43) Isopropyl Acetate	6.29	43	13565	2.783	ug/l #	58
47) Bromodichloromethane	7.85	83	738	0.249	ug/l #	51
48) Methyl methacrylate	7.73	41	932	0.411	ug/l #	26
49) 1,4-Dioxane	7.75	88	21	0.322	ug/l #	1
55) 1,1,2-Trichloroethane	9.16	97	7194	2.969	ug/l #	20
56) Ethyl methacrylate	9.16	69	1743	0.475	ug/l #	15
67) Ethyl Benzene	10.25	91	336988	29.661	ug/l	97
68) m/p-Xylenes	10.36	106	22536	5.119	ug/l	100
69) o-Xylene	10.70	106	1215	0.281	ug/l	93
73) Isopropylbenzene	11.02	105	121767	11.160	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	976	0.270	ug/l #	45
76) 1,2,3-Trichloropropane	11.13	75	76983	26.245	ug/l #	33
78) n-propylbenzene	11.36	91	170210	14.193	ug/l	98
79) 2-Chlorotoluene	11.36	91	170210	23.836	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.45	105	12578	1.398	ug/l	74
81) trans-1,4-Dichloro-2-buten	11.13	75	76983	61.228	ug/l #	16
82) 4-Chlorotoluene	11.36	91	170210	20.947	ug/l #	42
83) tert-Butylbenzene	11.77	119	2918	0.323	ug/l	93

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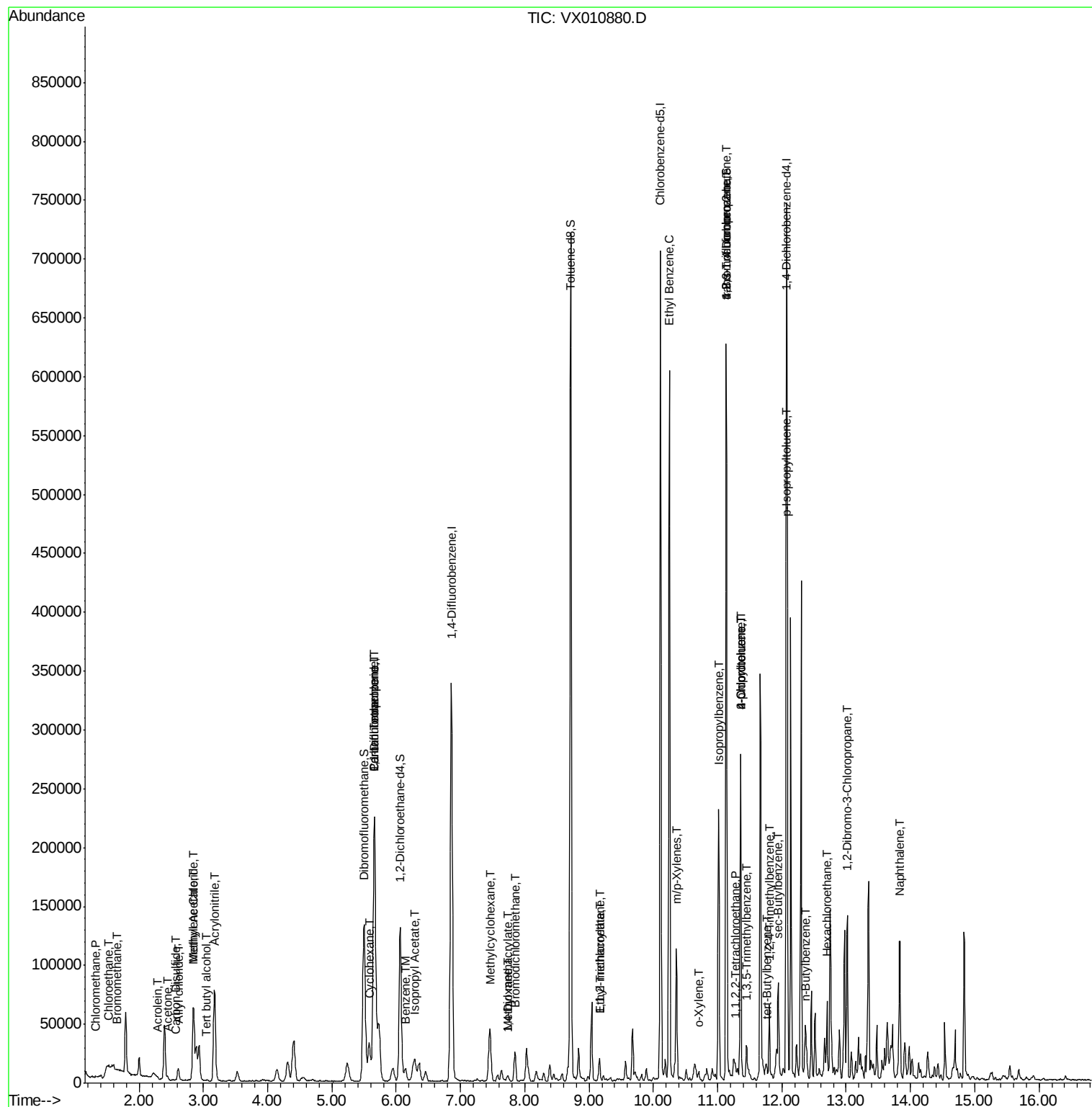
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	11.80	105	26127	2.891	ug/l	99
85) sec-Butylbenzene	11.94	105	39807	3.755	ug/l	85
86) p-Isopropyltoluene	12.06	119	16186	1.651	ug/l	94
89) n-Butylbenzene	12.38	91	11190	1.343	ug/l #	69
90) Hexachloroethane	12.70	117	22576	13.316	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	13.01	75	564	0.724	ug/l #	1
95) Naphthalene	13.83	128	76107	6.756	ug/l	99

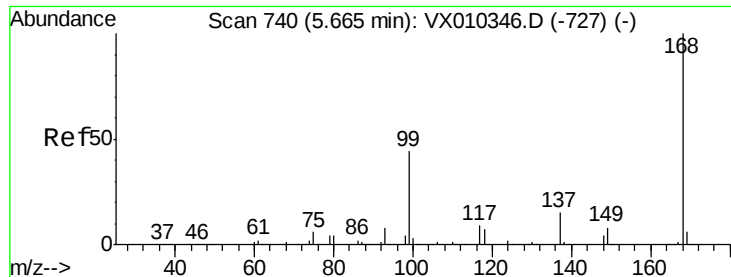
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX010880.D

Acq: 15 Jul 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

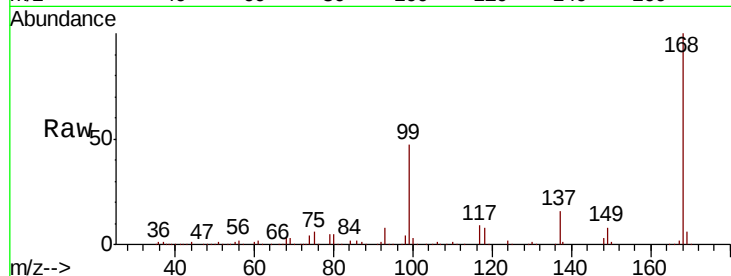
FL-0587

Tot Ion:168 Resp: 230442

Ion Ratio Lower Upper

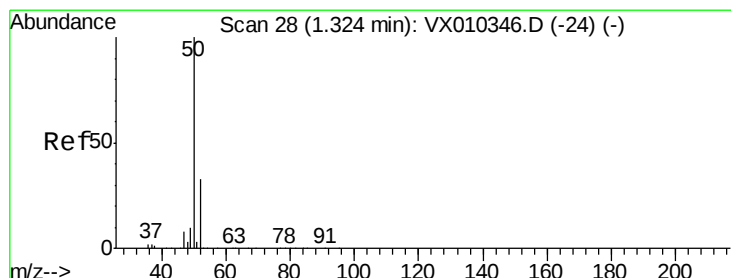
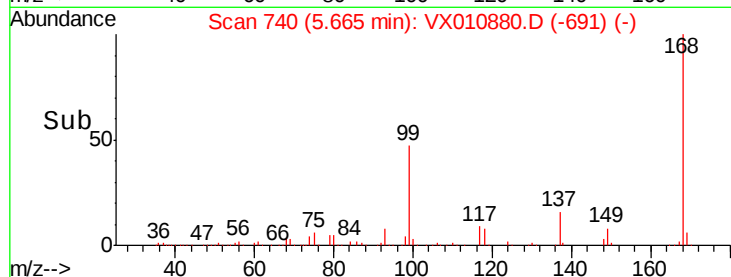
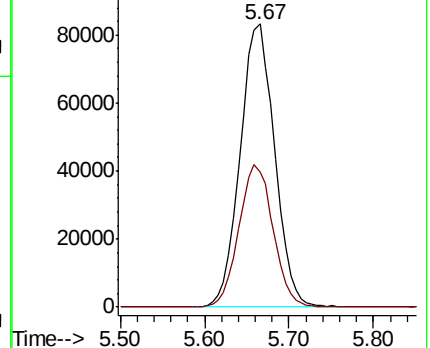
168 100

99 47.4 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: 0.400 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010880.D

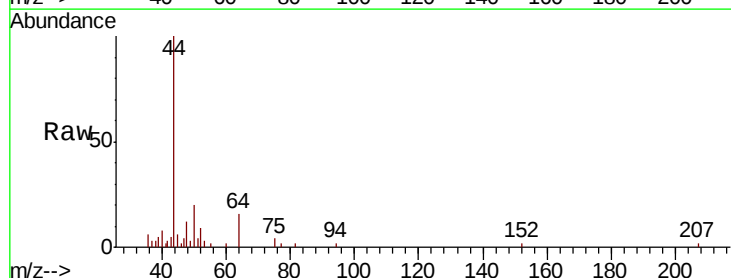
Acq: 15 Jul 2019 13:32

Tgt Ion: 50 Resp: 747

Ion Ratio Lower Upper

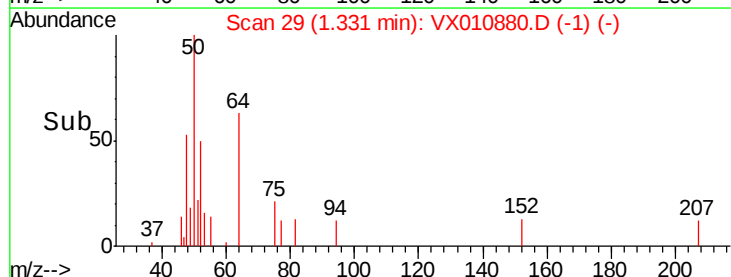
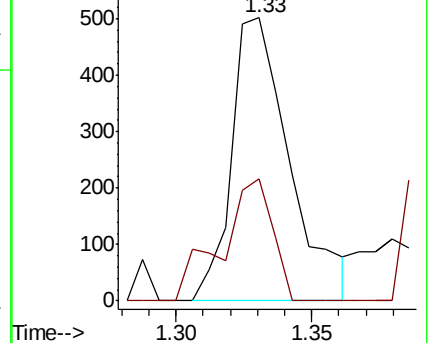
50 100

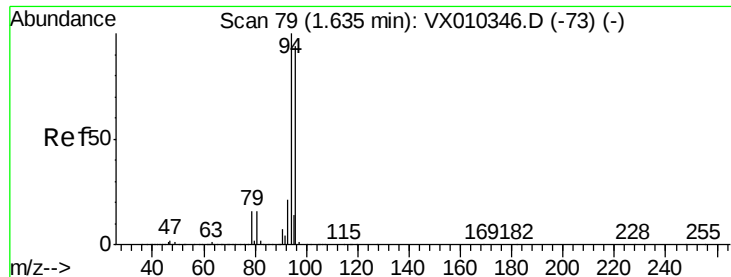
52 43.2 26.5 39.7#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: 0.344 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX010880.D

Acq: 15 Jul 2019 13:32

Instrument :

MSVOA_X

ClientSampled :

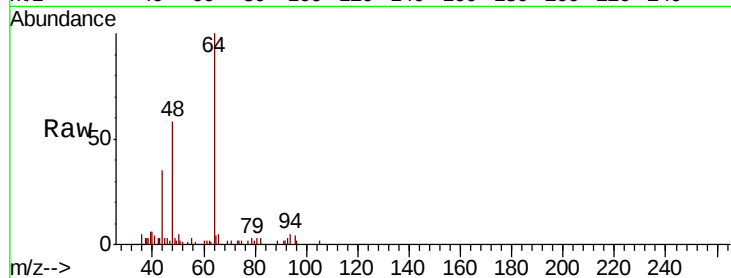
FL-0587

Tot Ion: 94 Resp: 342

Ion Ratio Lower Upper

94 100

96 111.3 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

250

200

150

100

50

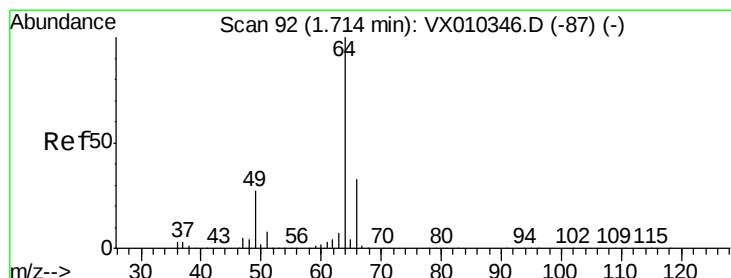
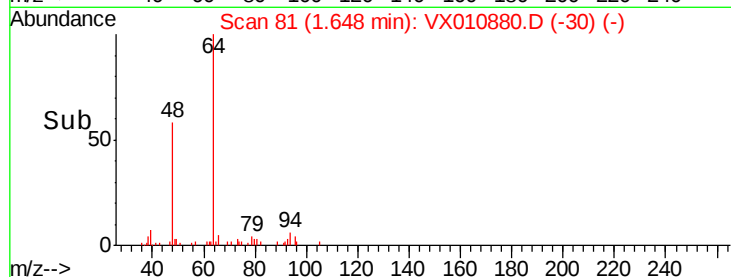
0

1.60

1.65

1.70

Time-->



#6

Chloroethane

Concen: 18.899 ug/l

RT: 1.53 min Scan# 61

Delta R.T. -0.19 min

Lab File: VX010880.D

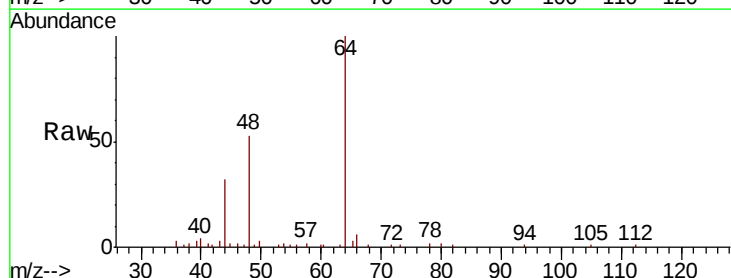
Acq: 15 Jul 2019 13:32

Tgt Ion: 64 Resp: 22783

Ion Ratio Lower Upper

64 100

66 6.3 26.6 40.0#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

6000

4000

2000

0

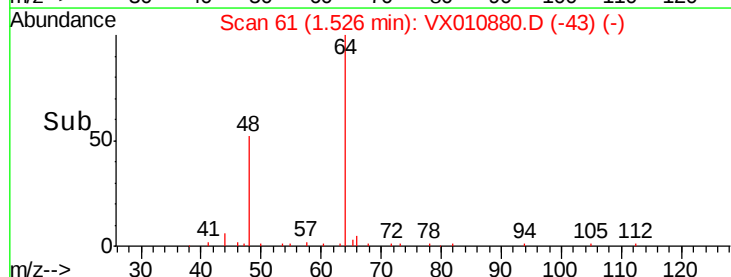
1.40

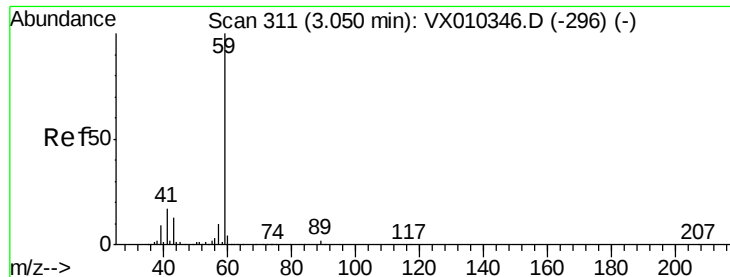
1.45

1.50

1.55

Time-->



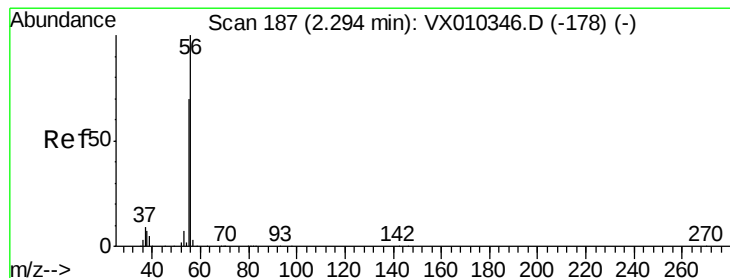
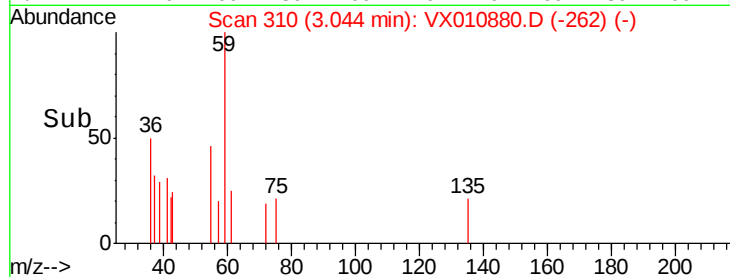
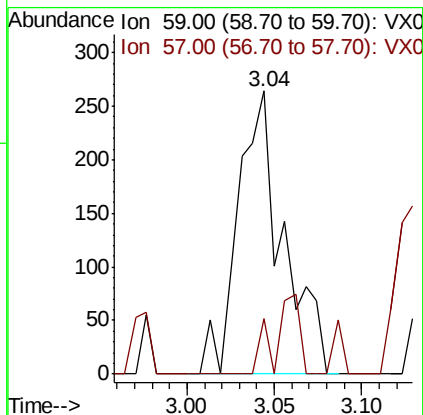
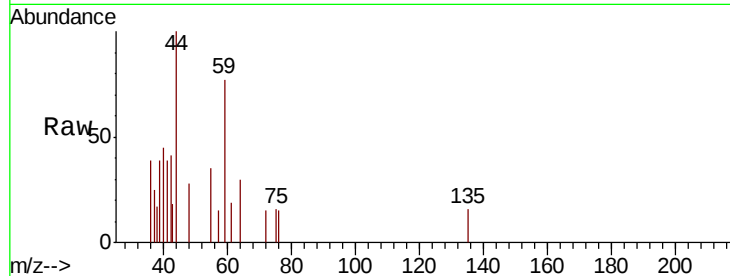


#11

Tert butyl alcohol
Concen: 0.837 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX010880.D
Acq: 15 Jul 2019 13:32

Instrument :
MSVOA_X
ClientSampled :
FL-0587

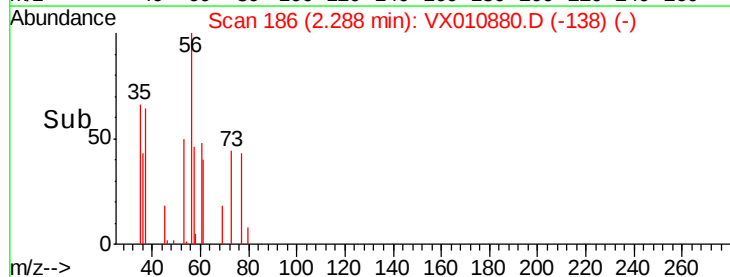
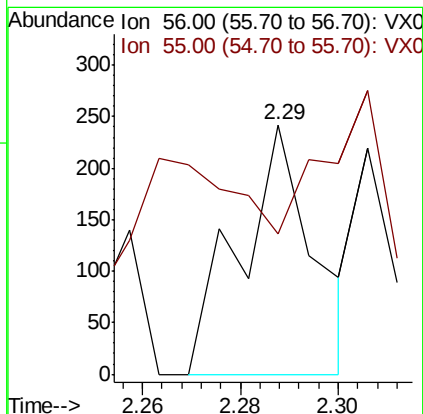
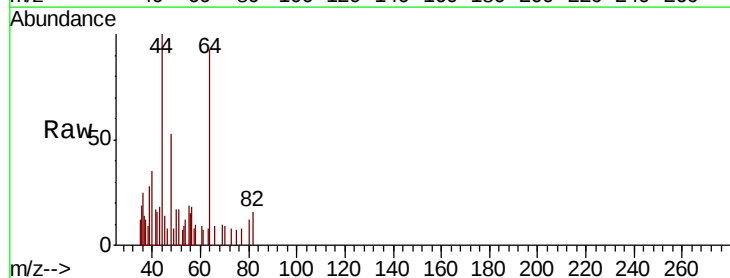
Tot Ion: 59 Resp: 473
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

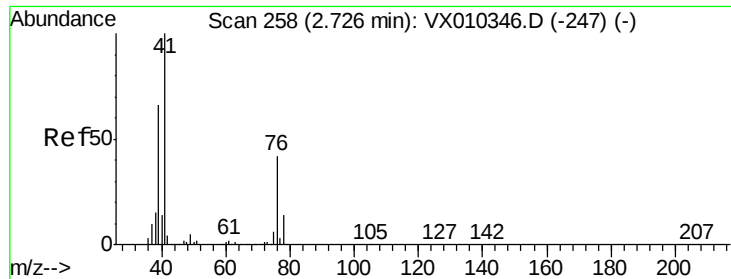


#13

Acrolein
Concen: 0.669 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX010880.D
Acq: 15 Jul 2019 13:32

Tgt Ion: 56 Resp: 251
Ion Ratio Lower Upper
56 100
55 149.4 56.9 85.3#

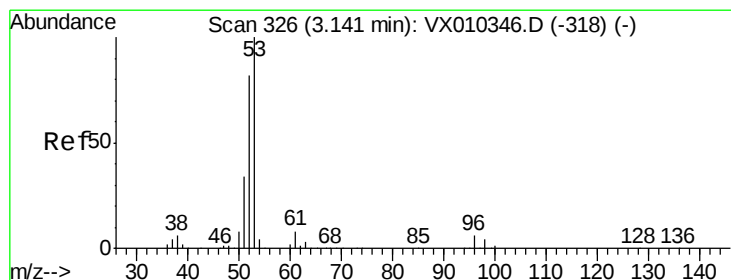
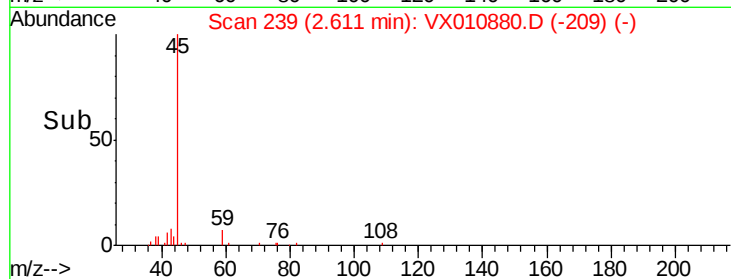
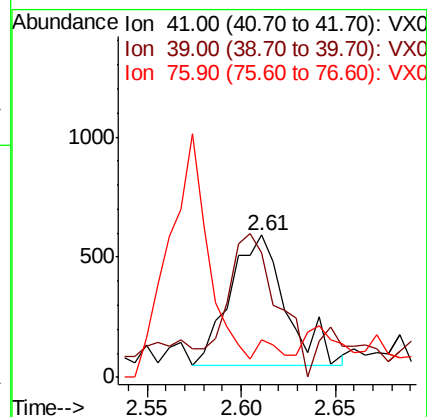
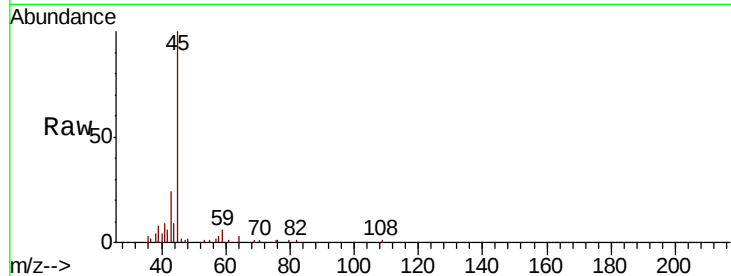




#14
Allvl chloride
Concen: 0.391 ug/l
RT: 2.61 min Scan# 239
Delta R.T. -0.12 min
Lab File: VX010880.D
Acq: 15 Jul 2019 13:32

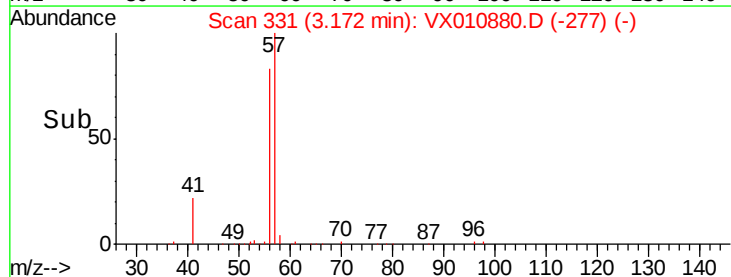
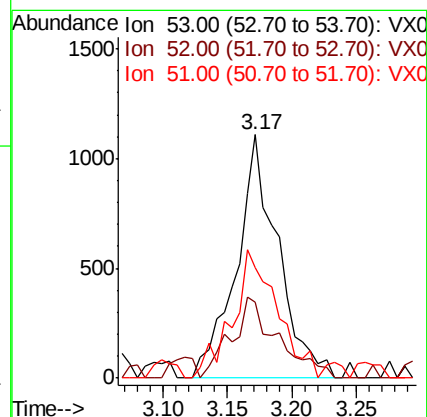
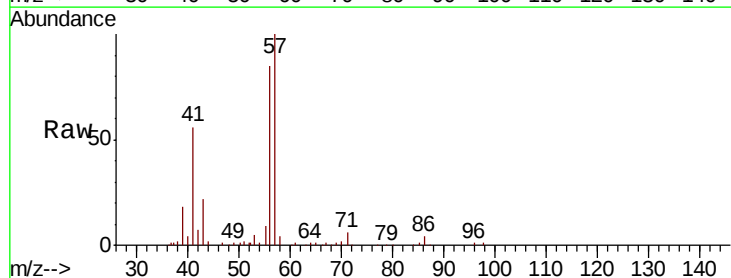
Instrument :
MSVOA_X
ClientSampled :
FL-0587

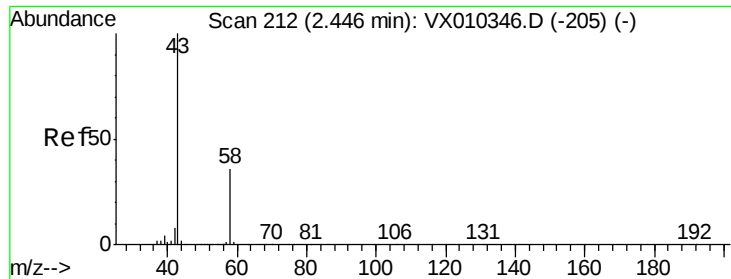
Tot Ion	Ratio	Lower	Upper
41	100		
39	98.1	50.3	75.5#
76	15.9	31.3	46.9#



#15
Acrylonitrile
Concen: 2.223 ug/l
RT: 3.17 min Scan# 331
Delta R.T. 0.03 min
Lab File: VX010880.D
Acq: 15 Jul 2019 13:32

Tgt Ion	Ratio	Lower	Upper
53	100		
52	37.3	65.5	98.3#
51	56.4	28.2	42.4#





#16

Acetone

Concen: 2.864 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010880.D

Acq: 15 Jul 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

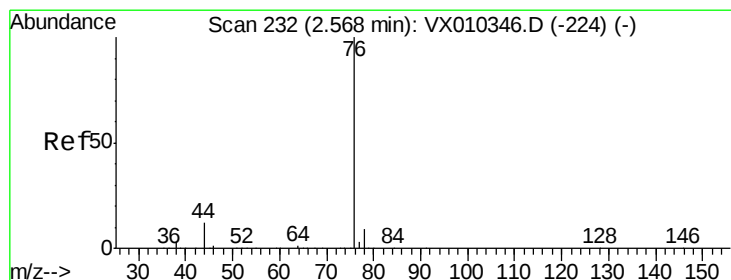
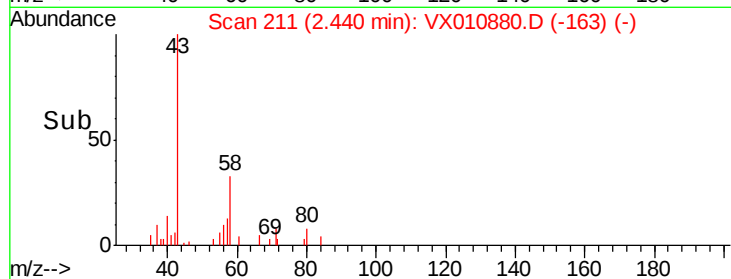
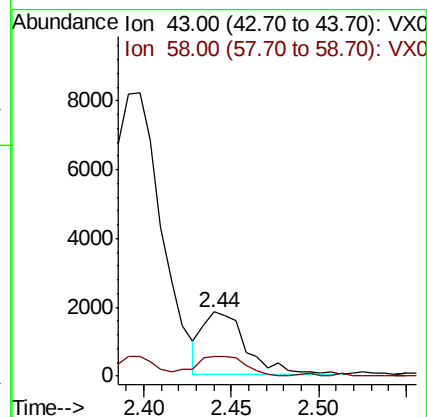
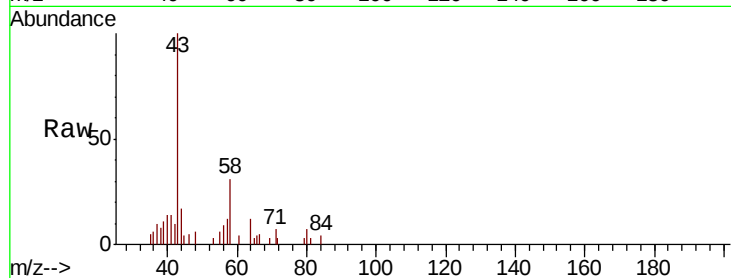
FL-0587

Tot Ion: 43 Resp: 3101

Ion Ratio Lower Upper

43 100

58 27.8 28.9 43.3#



#17

Carbon Disulfide

Concen: 0.287 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX010880.D

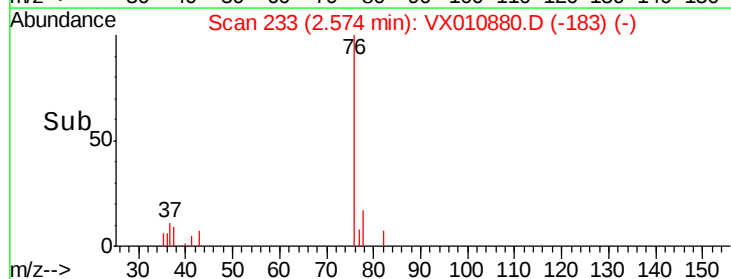
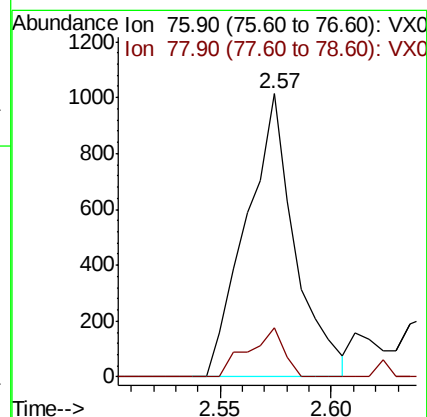
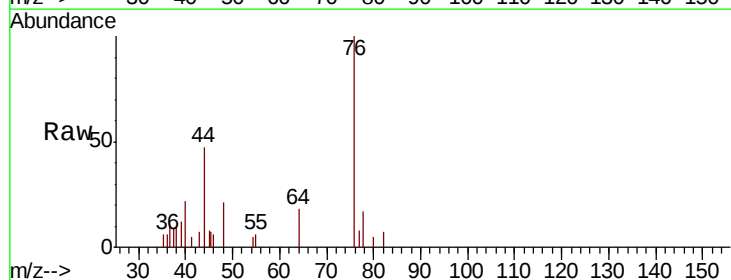
Acq: 15 Jul 2019 13:32

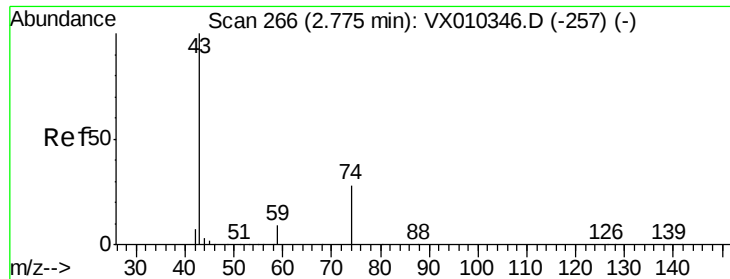
Tgt Ion: 76 Resp: 1539

Ion Ratio Lower Upper

76 100

78 17.3 7.3 10.9#

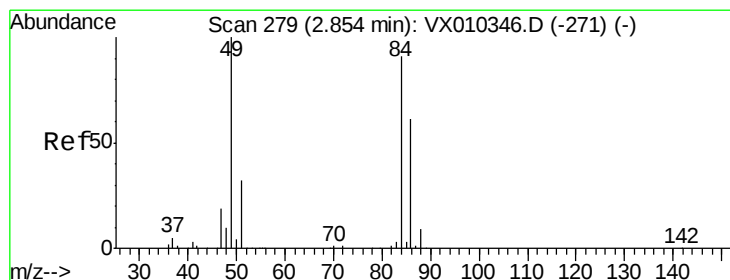
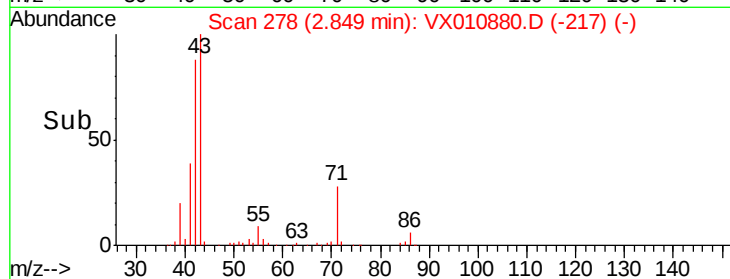
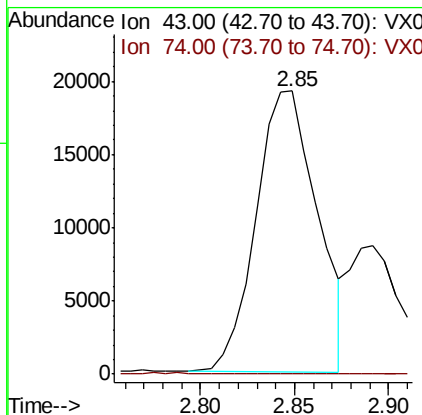
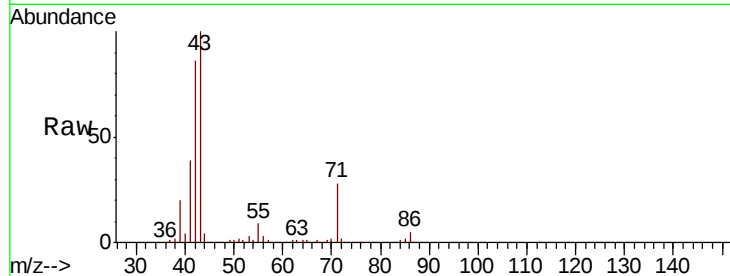




#18
Methyl Acetate
Concen: 20.154 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.07 min
Lab File: VX010880.D
Acq: 15 Jul 2019 13:32

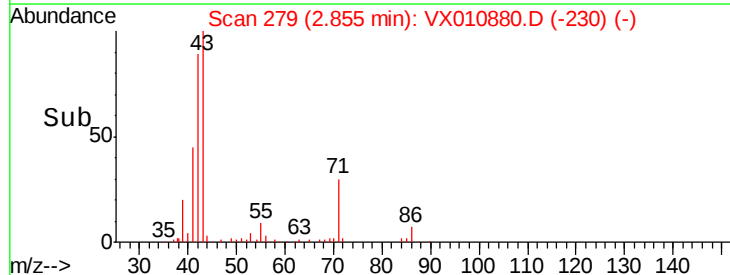
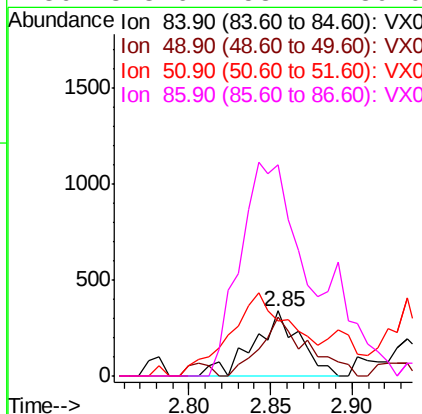
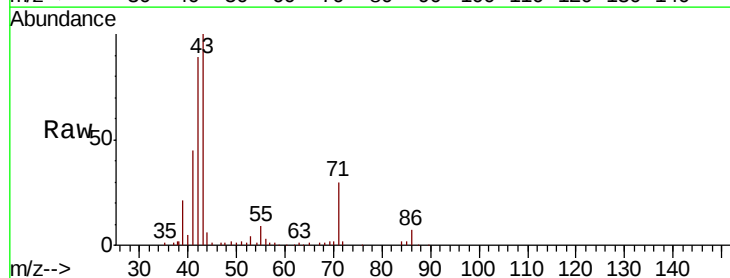
Instrument :
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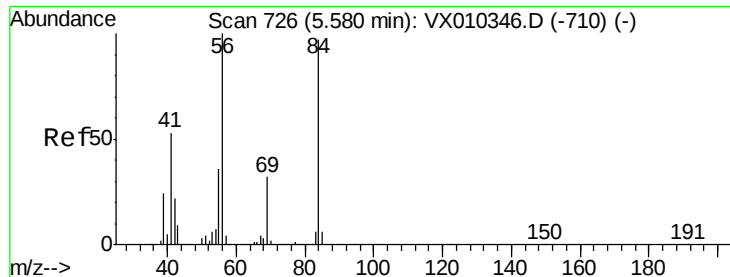
Tot Ion: 43 Resp: 43495
Ion Ratio Lower Upper
43 100
74 0.1 21.3 31.9#



#20
Methylene Chloride
Concen: 0.301 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010880.D
Acq: 15 Jul 2019 13:32

Tgt Ion: 84 Resp: 671
Ion Ratio Lower Upper
84 100
49 74.0 87.5 131.3#
51 67.6 27.7 41.5#
86 323.6 53.4 80.0#

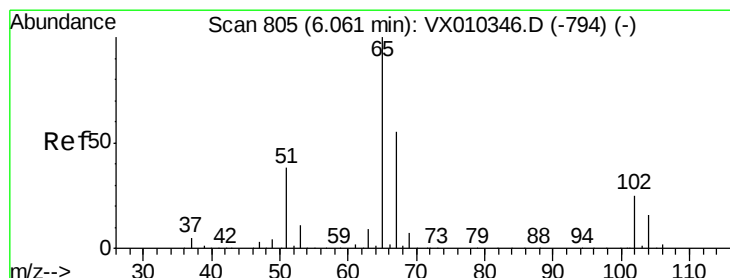
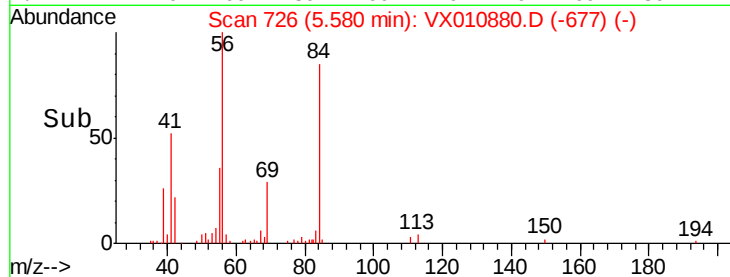
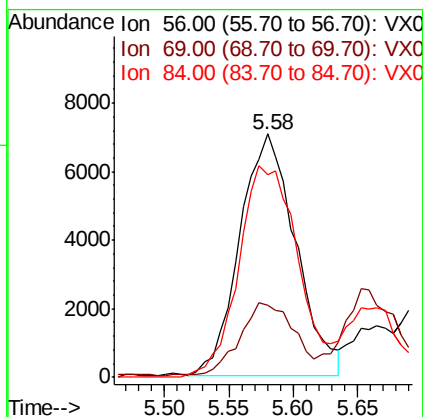
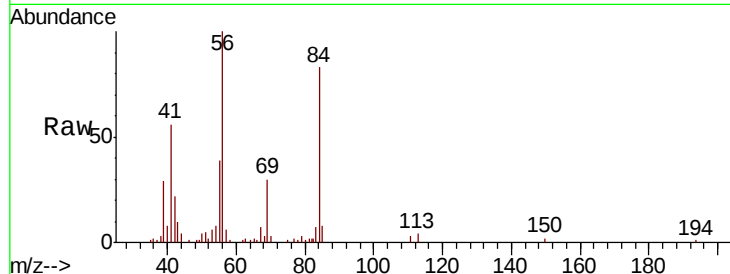




#31
Cyclohexane
Concen: 6.826 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX010880.D
Acq: 15 Jul 2019 13:32

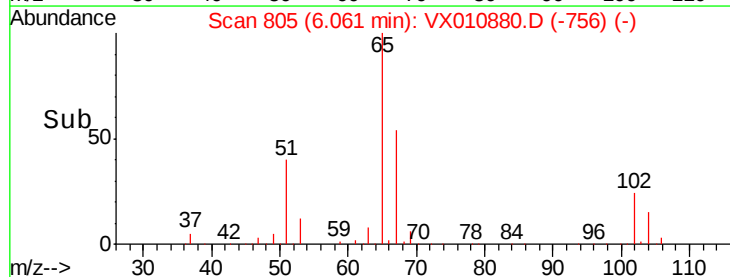
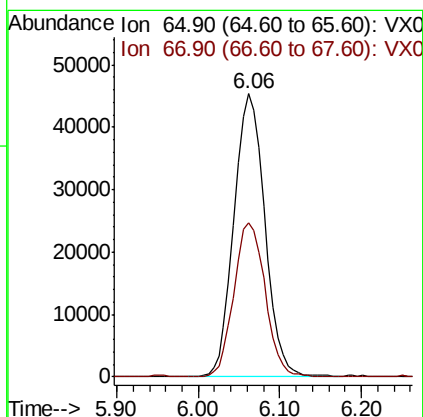
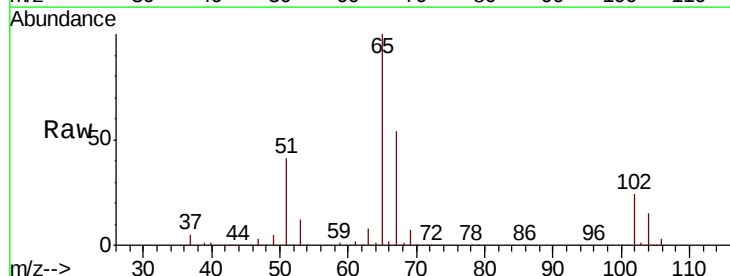
Instrument :
MSVOA_X
ClientSampleId :
FL-0587

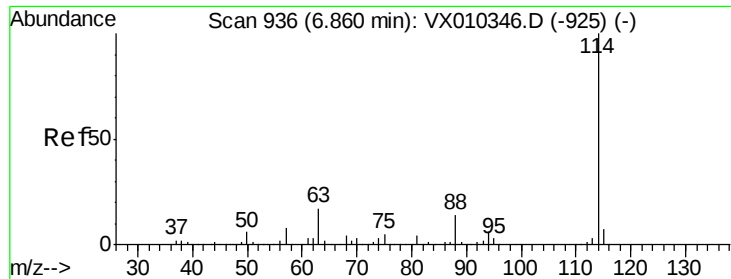
Tot Ion: 56 Resp: 21304
Ion Ratio Lower Upper
56 100
69 28.7 25.9 38.9
84 82.7 78.0 117.0



#33
1,2-Dichloroethane-d4
Concen: 55.217 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010880.D
Acq: 15 Jul 2019 13:32

Tgt Ion: 65 Resp: 119304
Ion Ratio Lower Upper
65 100
67 54.6 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010880.D

Acq: 15 Jul 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

FL-0587

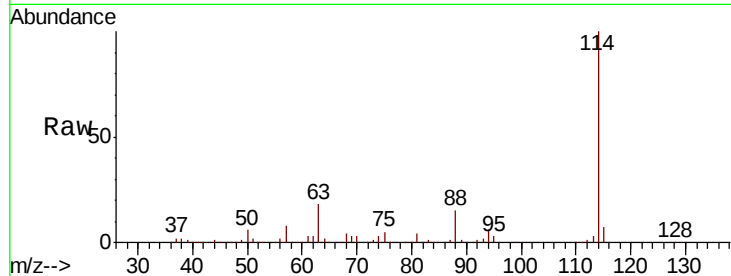
Tot Ion:114 Resp: 360419

Ion Ratio Lower Upper

114 100

63 17.9 0.0 33.8

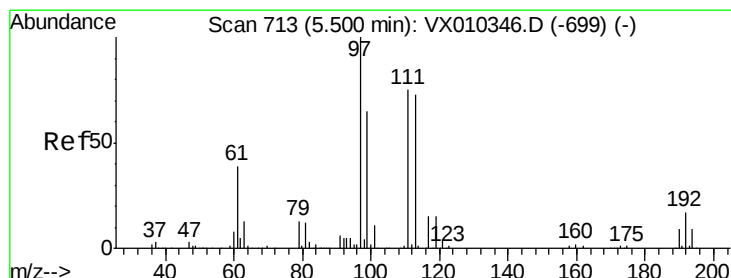
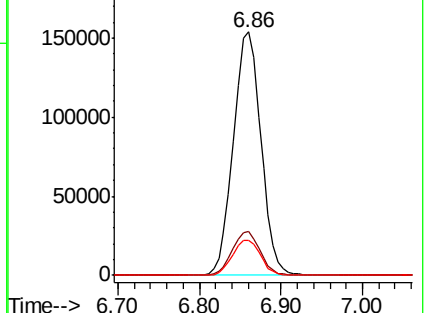
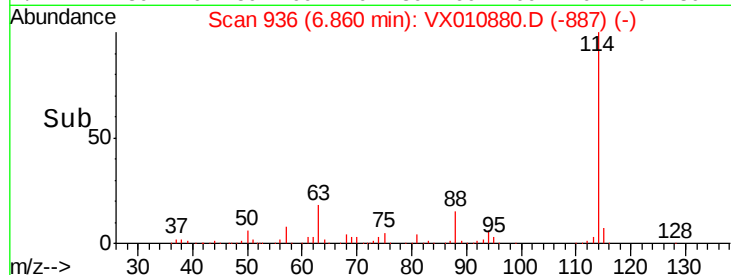
88 14.5 0.0 27.6



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: 51.611 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010880.D

Acq: 15 Jul 2019 13:32

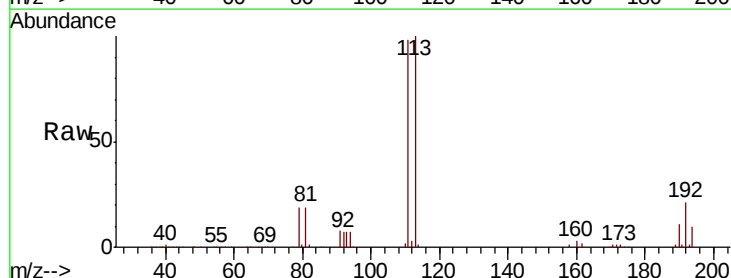
Tgt Ion:113 Resp: 113812

Ion Ratio Lower Upper

113 100

111 100.7 81.2 121.8

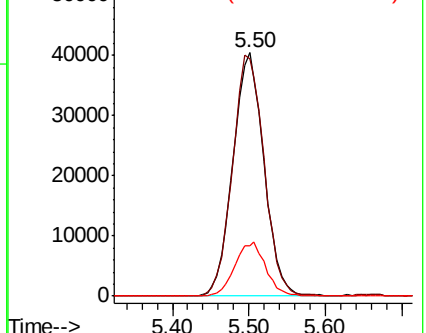
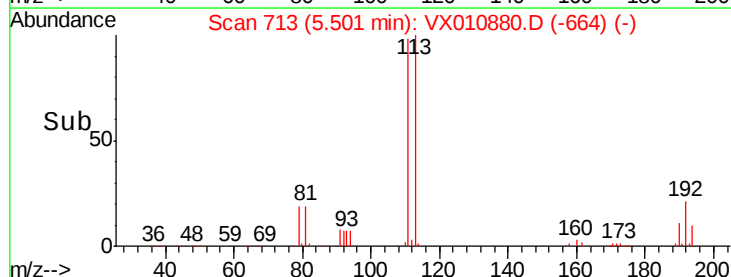
192 21.9 18.6 27.8

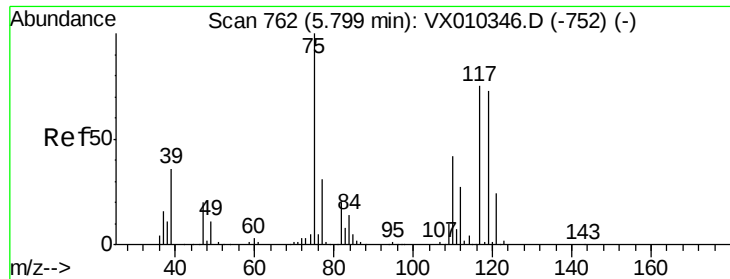


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

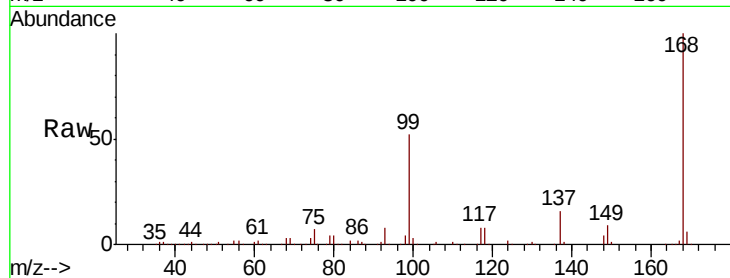




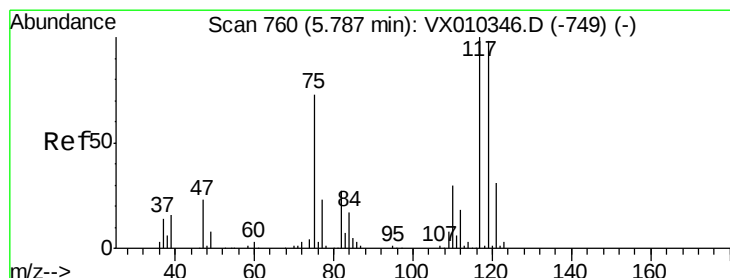
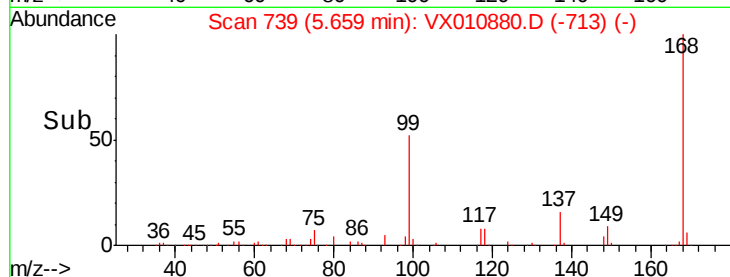
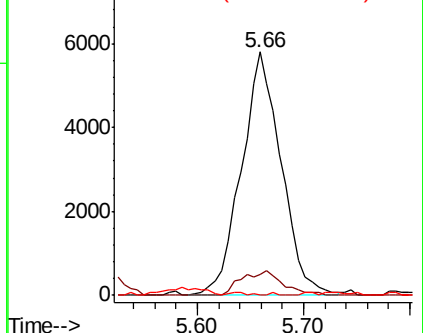
#36
 1,1-Dichloropropene
 Concen: 5.308 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX010880.D
 Acq: 15 Jul 2019 13:32

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0587

Tot Ion	Ratio	Lower	Upper
75	100		
110	10.6	20.8	62.2#
77	0.2	25.4	38.0#

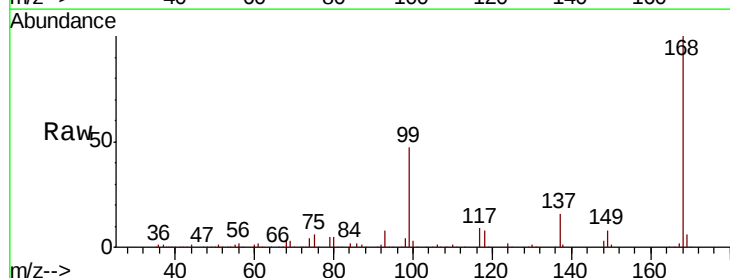


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

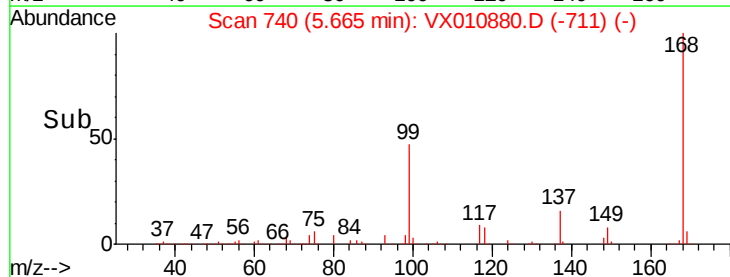
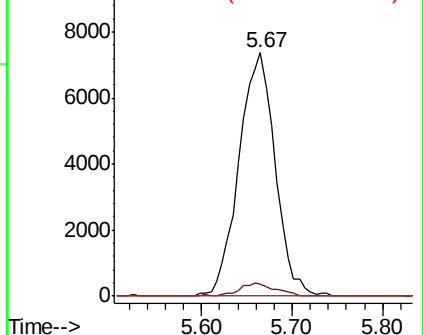


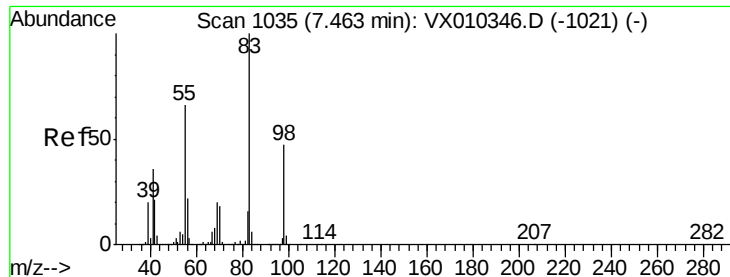
#38
 Carbon Tetrachloride
 Concen: 6.581 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX010880.D
 Acq: 15 Jul 2019 13:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.9	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

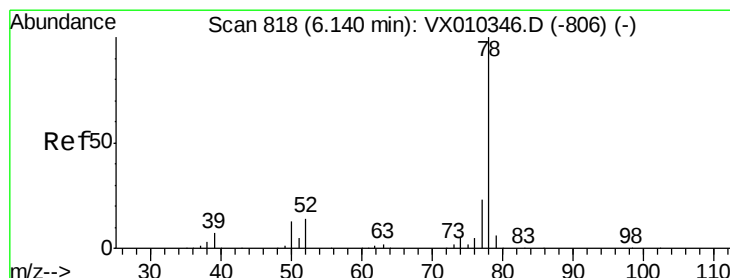
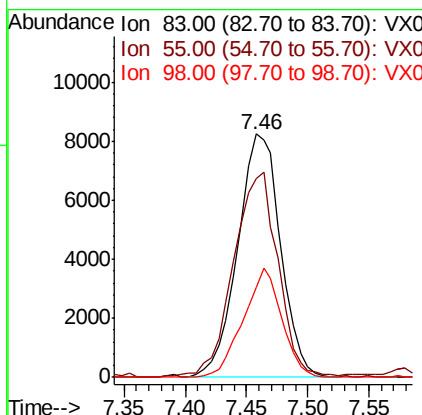
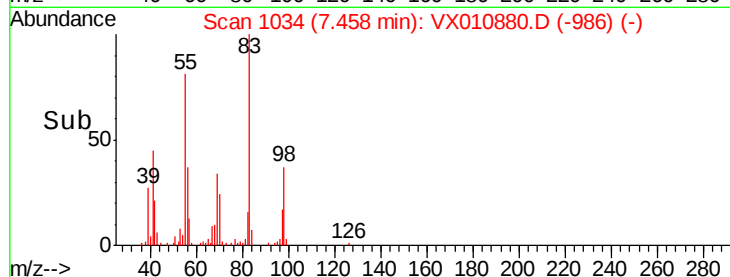
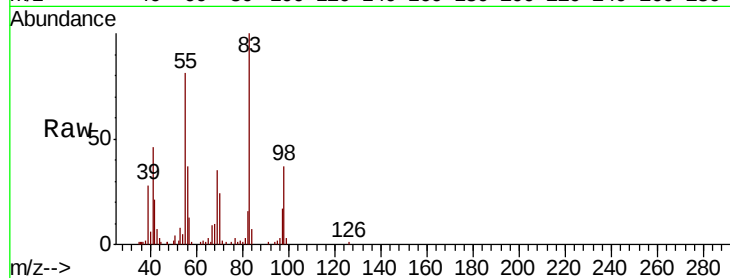




#39
Methvlcvclohexane
Concen: 5.329 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX010880.D
Acq: 15 Jul 2019 13:32

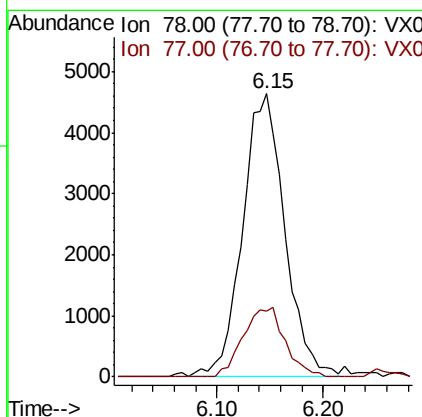
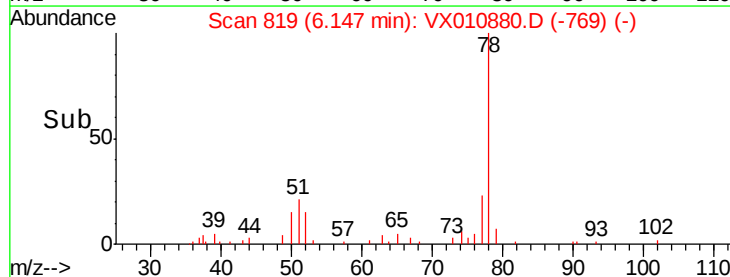
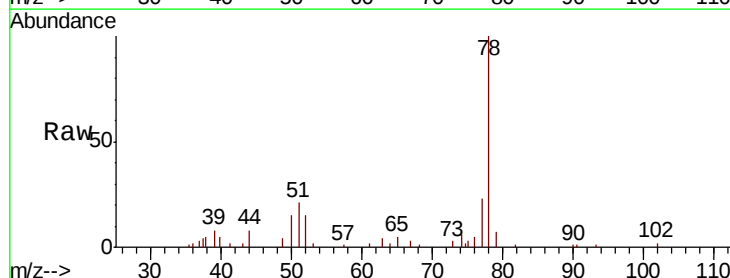
Instrument :
MSVOA_X
ClientSampled :
FL-0587

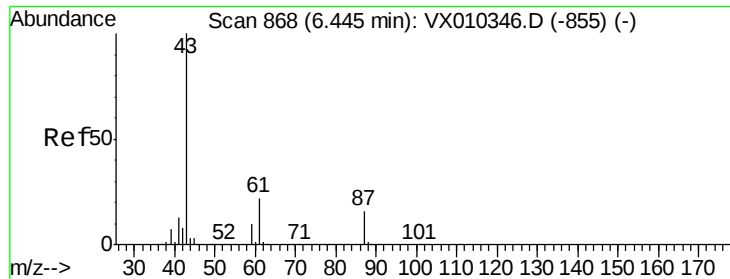
Tot Ion: 83 Resp: 20063
Ion Ratio Lower Upper
83 100
55 80.8 53.0 79.6#
98 37.2 37.8 56.8#



#40
Benzene
Concen: 1.442 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX010880.D
Acq: 15 Jul 2019 13:32

Tgt Ion: 78 Resp: 12870
Ion Ratio Lower Upper
78 100
77 23.1 18.6 28.0





#43

Isopropyl Acetate

Concen: 2.783 ug/l

RT: 6.29 min Scan# 843

Delta R.T. -0.15 min

Lab File: VX010880.D

Acq: 15 Jul 2019 13:32

Instrument :

MSVOA_X

ClientSampled :

FL-0587

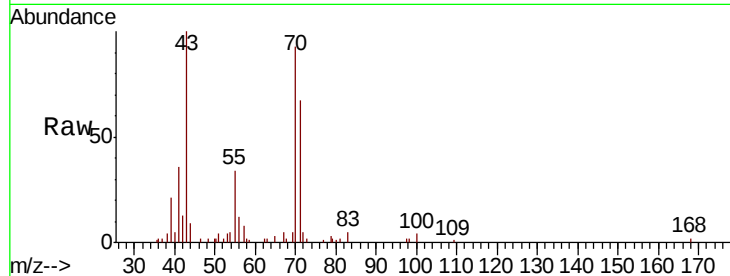
Tot Ion: 43 Resp: 13565

Ion Ratio Lower Upper

43 100

61 0.3 17.8 26.6#

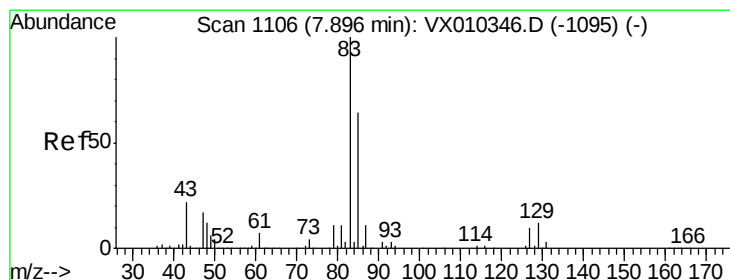
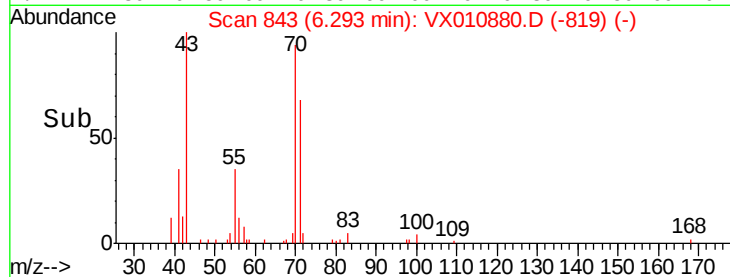
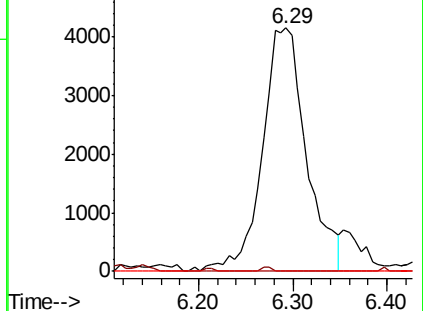
87 0.0 13.0 19.4#



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



#47

Bromodichloromethane

Concen: 0.249 ug/l

RT: 7.85 min Scan# 1098

Delta R.T. -0.05 min

Lab File: VX010880.D

Acq: 15 Jul 2019 13:32

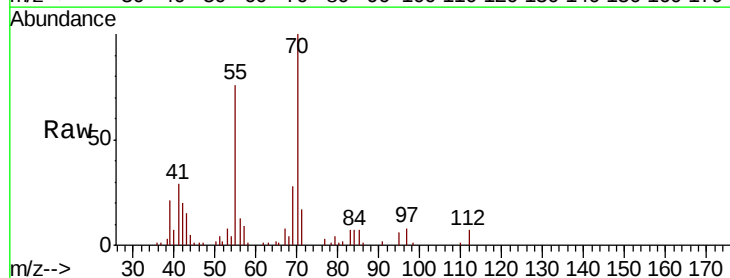
Tgt Ion: 83 Resp: 738

Ion Ratio Lower Upper

83 100

85 105.4 51.5 77.3#

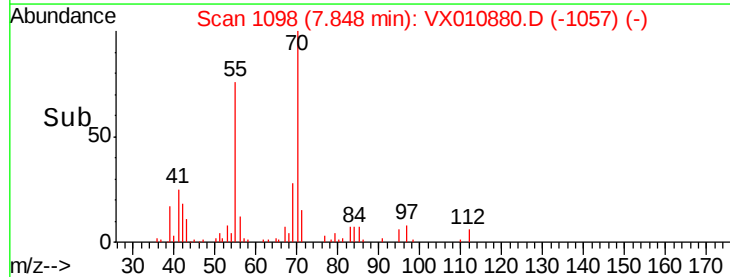
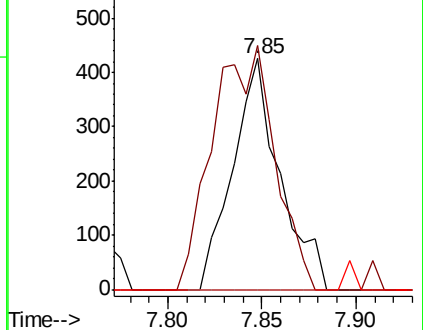
127 0.0 7.8 11.8#

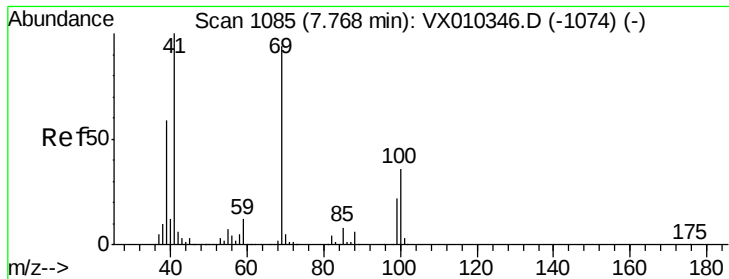


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V





#48

Methyl methacrylate

Concen: 0.411 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.04 min

Lab File: VX010880.D

Acq: 15 Jul 2019 13:32

Instrument :

MSVOA_X

ClientSampled :

FL-0587

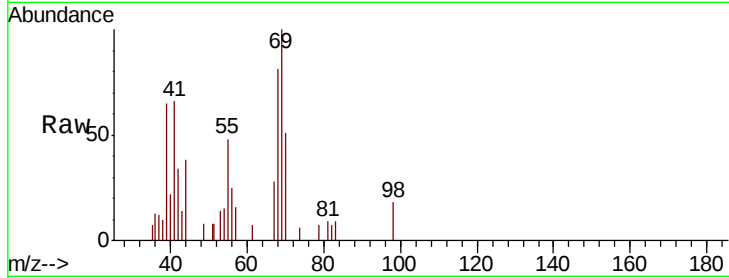
Tot Ion: 41 Resp: 932

Ion Ratio Lower Upper

41 100

69 194.5 76.1 114.1#

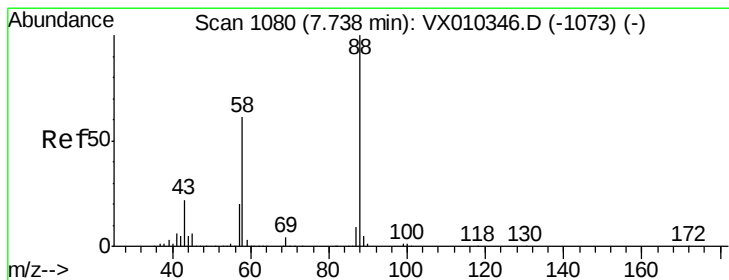
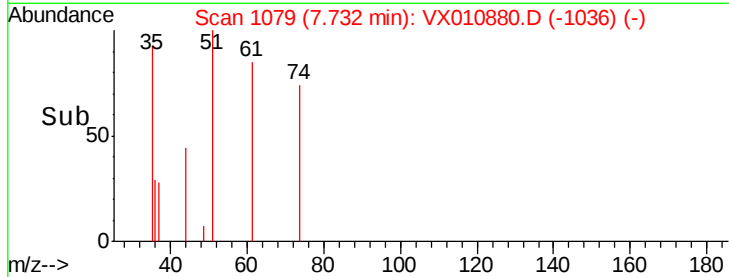
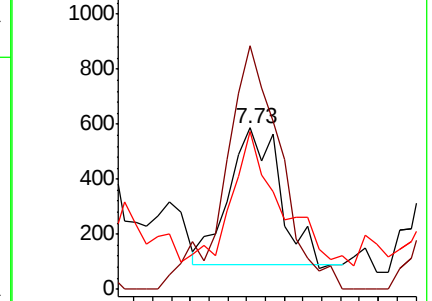
39 81.0 47.6 71.4#



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#49

1,4-Dioxane

Concen: 0.322 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.01 min

Lab File: VX010880.D

Acq: 15 Jul 2019 13:32

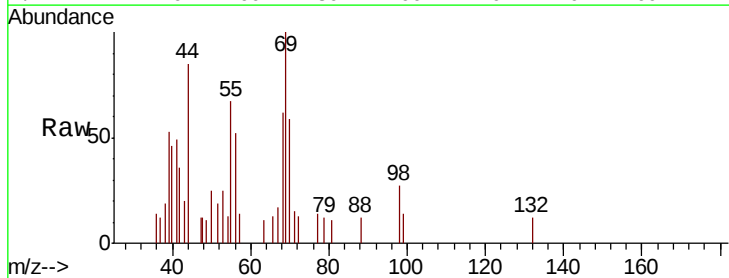
Tgt Ion: 88 Resp: 21

Ion Ratio Lower Upper

88 100

43 0.0 20.2 30.2#

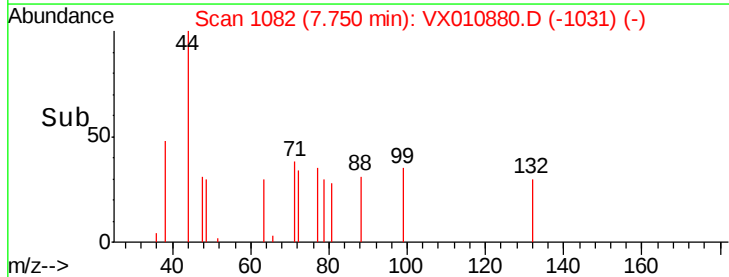
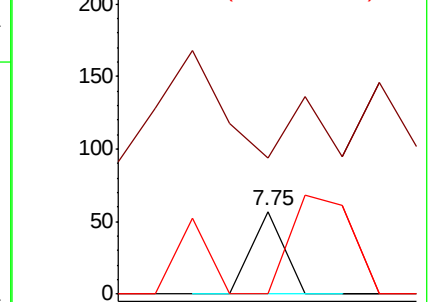
58 223.8 49.5 74.3#

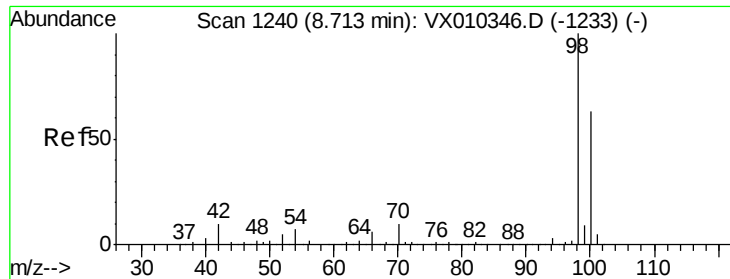


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 51.031 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010880.D

Acq: 15 Jul 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

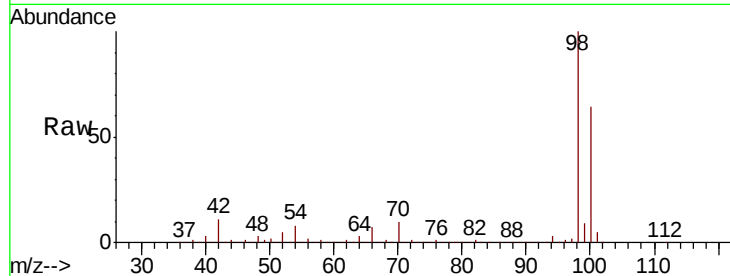
FL-0587

Tot Ion: 98 Resp: 430525

Ion Ratio Lower Upper

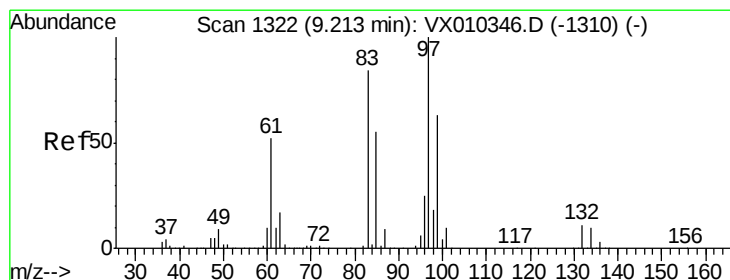
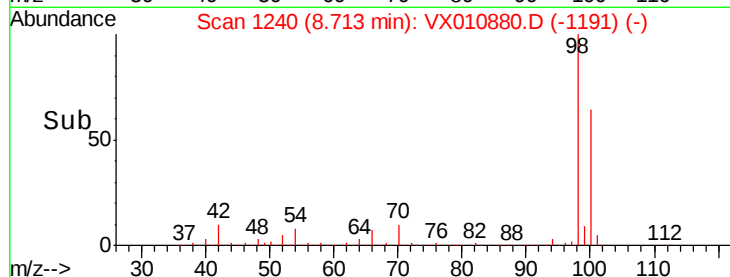
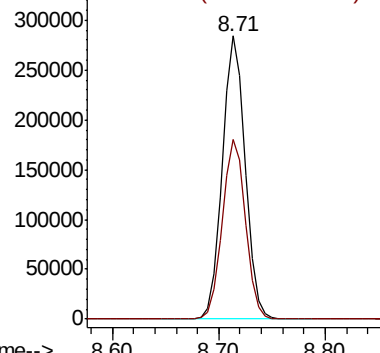
98 100

100 64.2 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#55

1,1,2-Trichloroethane

Concen: 2.969 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX010880.D

Acq: 15 Jul 2019 13:32

Tgt Ion: 97 Resp: 7194

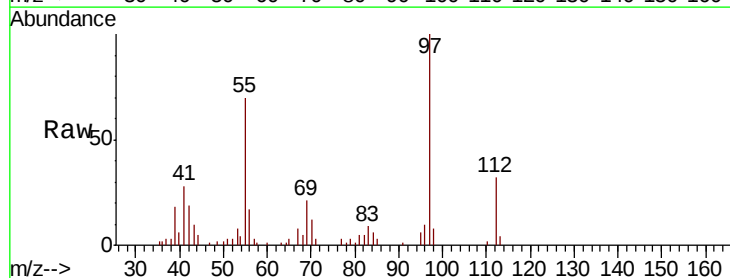
Ion Ratio Lower Upper

97 100

83 8.8 67.4 101.0#

85 2.7 43.8 65.8#

99 0.0 50.3 75.5#

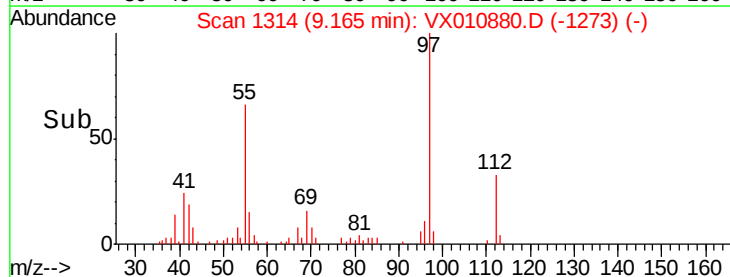
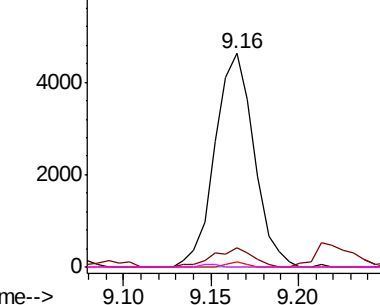


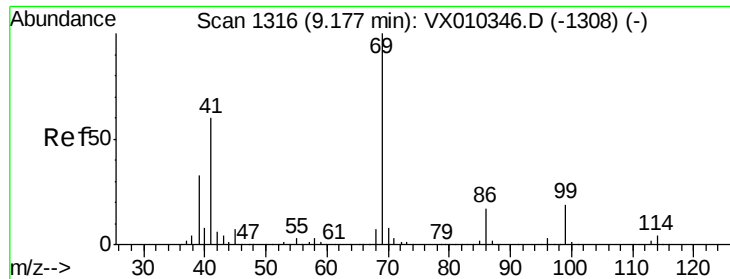
Abundance Ion 96.90 (96.60 to 97.60): VX0

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





#56

Ethyl methacrylate

Concen: 0.475 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.01 min

Lab File: VX010880.D

Acq: 15 Jul 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

FL-0587

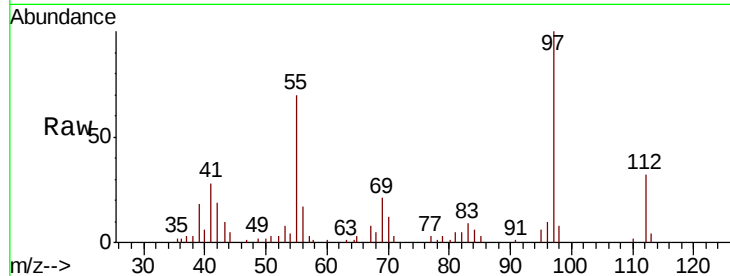
Tot Ion: 69 Resp: 1743

Ion Ratio Lower Upper

69 100

41 124.7 47.1 70.7#

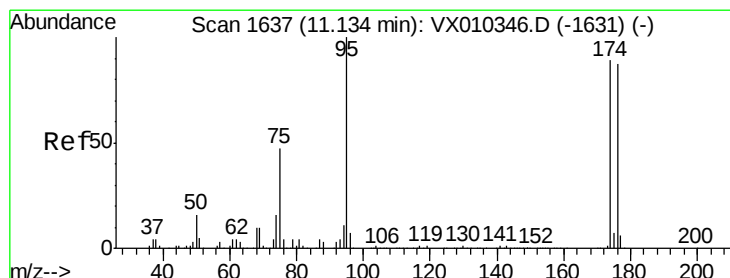
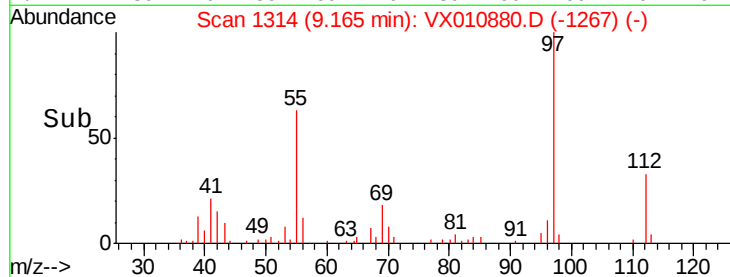
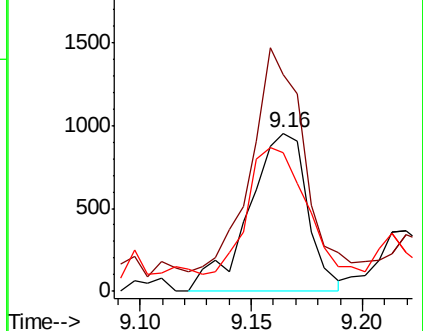
39 79.5 26.6 40.0#



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: 50.422 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010880.D

Acq: 15 Jul 2019 13:32

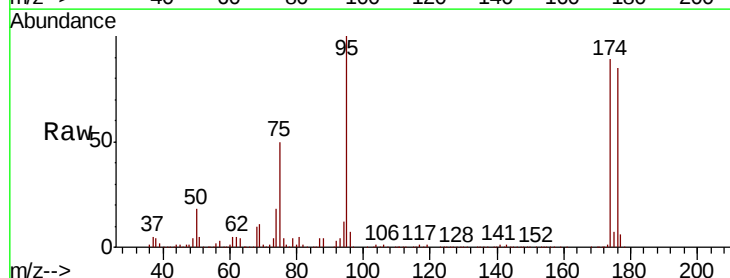
Tgt Ion: 95 Resp: 153578

Ion Ratio Lower Upper

95 100

174 90.7 0.0 187.6

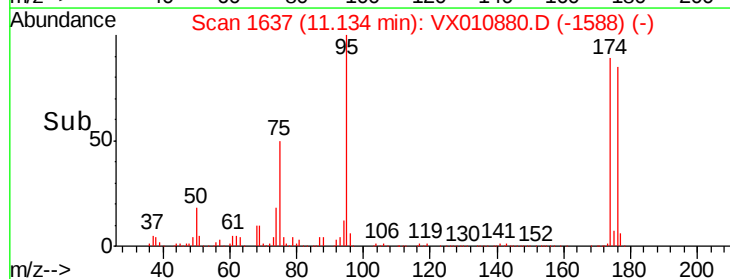
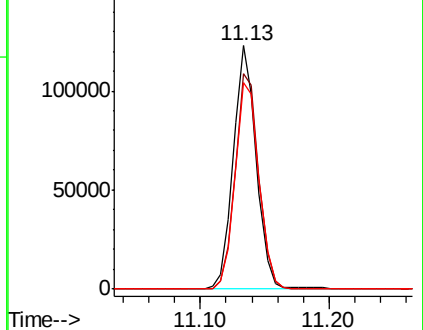
176 88.1 0.0 184.0

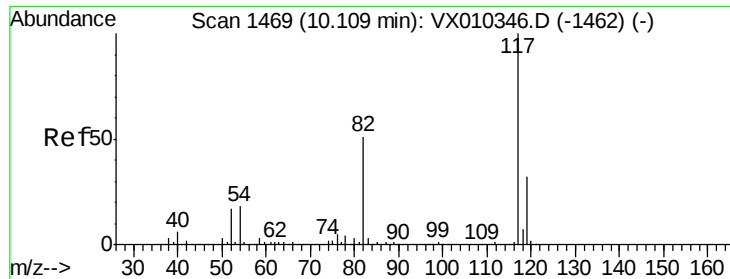


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

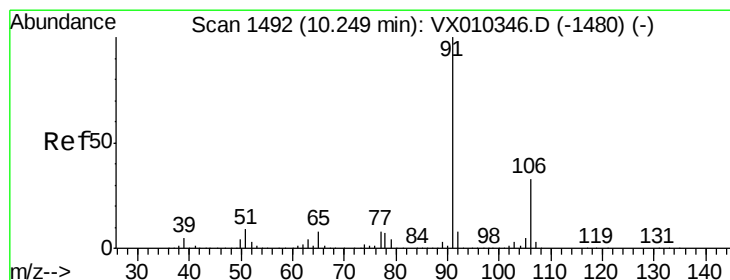
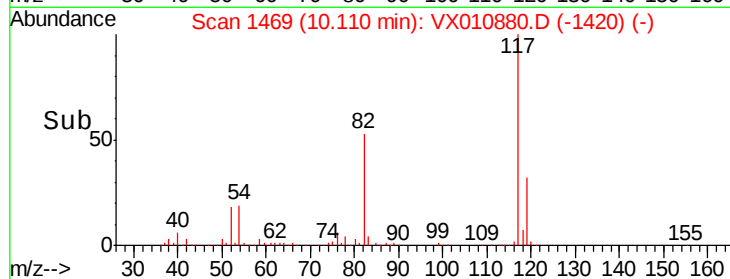
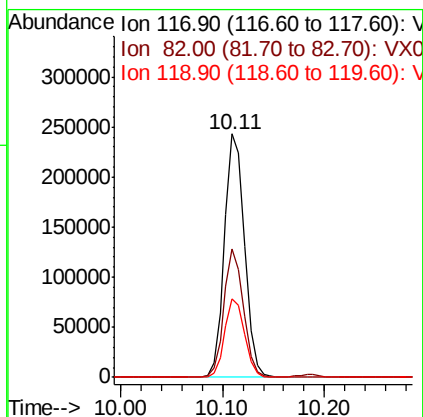
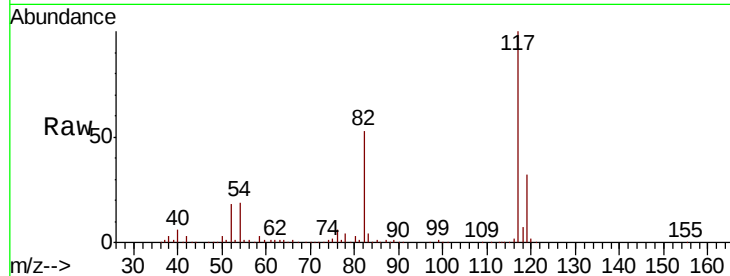




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010880.D
Acq: 15 Jul 2019 13:32

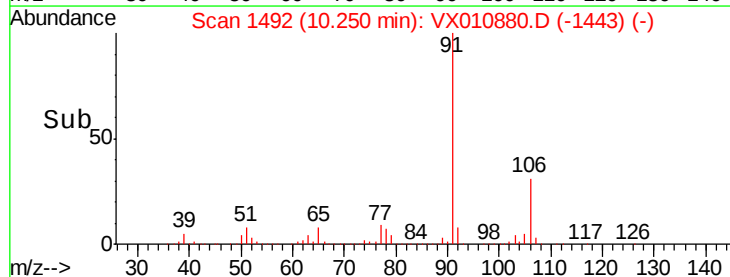
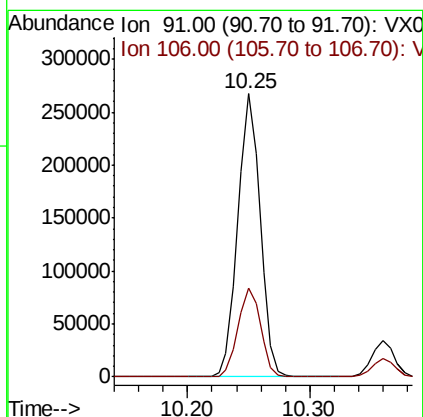
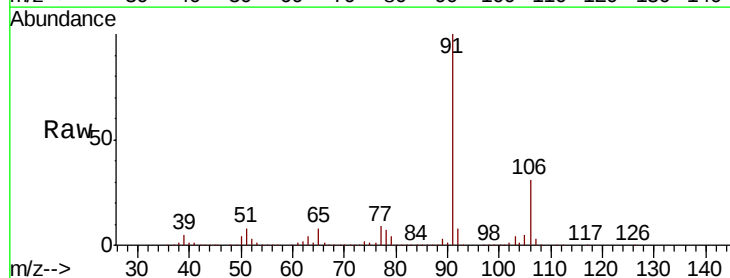
Instrument :
MSVOA_X
ClientSampleId :
FL-0587

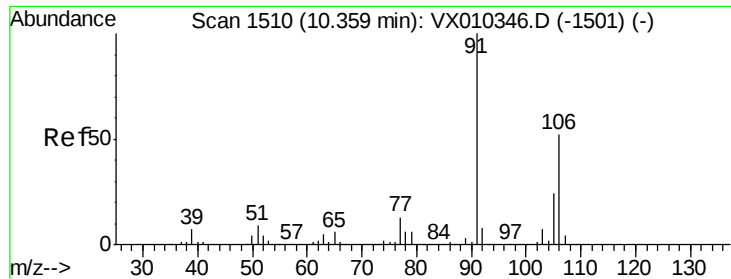
Tot Ion:117 Resp: 331482
Ion Ratio Lower Upper
117 100
82 52.5 41.2 61.8
119 32.1 25.5 38.3



#67
Ethyl Benzene
Concen: 29.661 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010880.D
Acq: 15 Jul 2019 13:32

Tgt Ion: 91 Resp: 336988
Ion Ratio Lower Upper
91 100
106 31.2 26.2 39.2

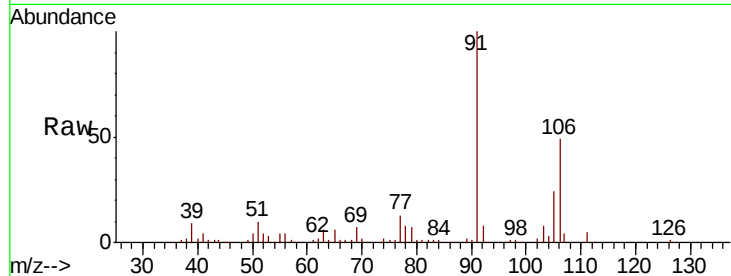




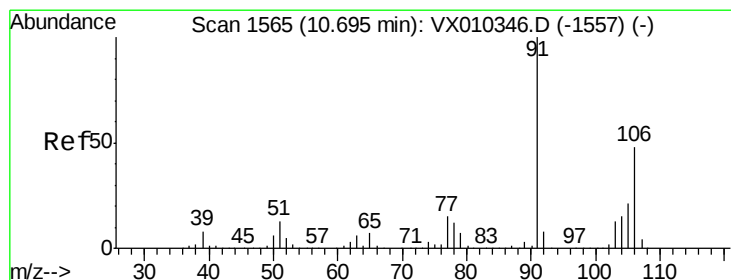
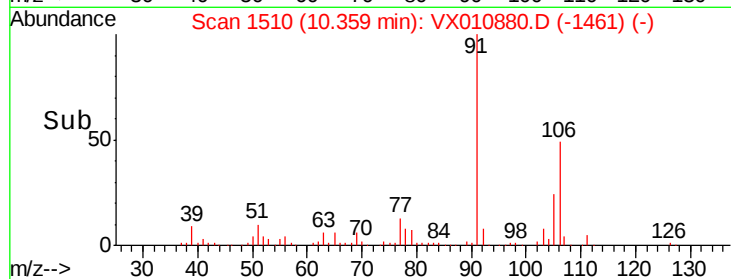
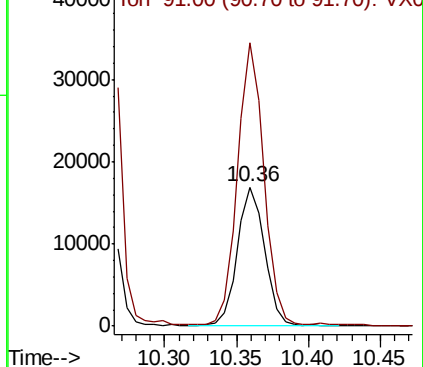
#68
m/p-Xylenes
Concen: 5.119 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010880.D
Acq: 15 Jul 2019 13:32

Instrument :
MSVOA_X
ClientSampleId :
FL-0587

Tot Ion:106 Resp: 22536
Ion Ratio Lower Upper
106 100
91 194.6 155.3 232.9

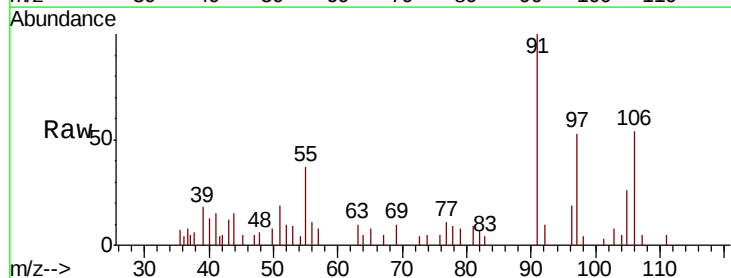


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

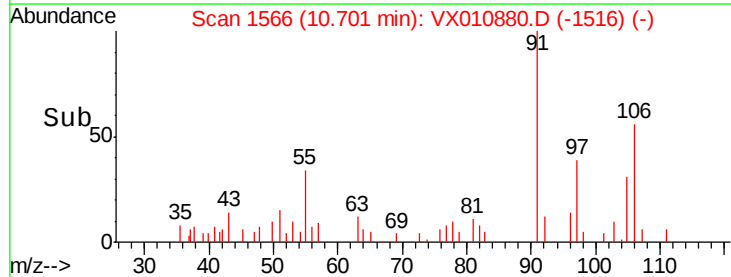
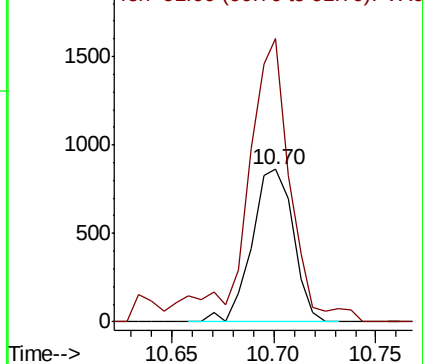


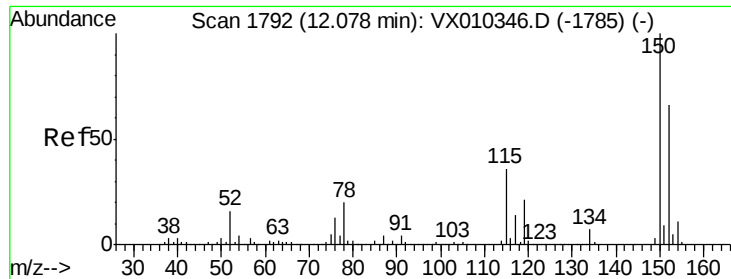
#69
o-Xylene
Concen: 0.281 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX010880.D
Acq: 15 Jul 2019 13:32

Tgt Ion:106 Resp: 1215
Ion Ratio Lower Upper
106 100
91 195.2 102.7 308.1



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: VX010880.D

Acq: 15 Jul 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

FL-0587

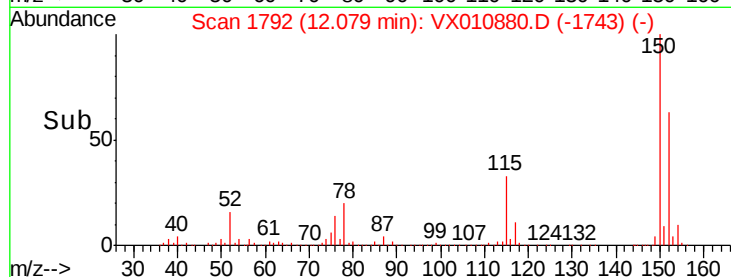
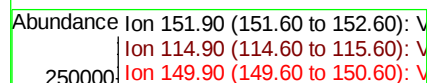
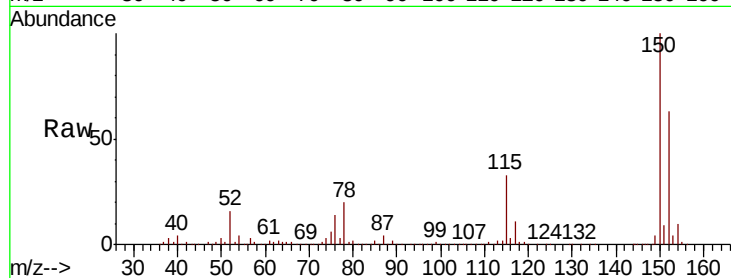
Tot Ion:152 Resp: 160965

Ion Ratio Lower Upper

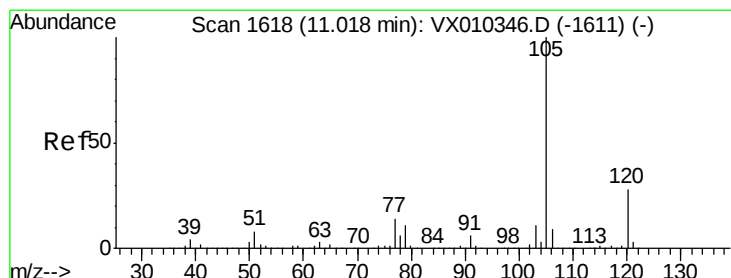
152 100

115 55.6 38.6 115.7

150 156.7 0.0 347.4



Time-->



#73

Isopropylbenzene

Concen: 11.160 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010880.D

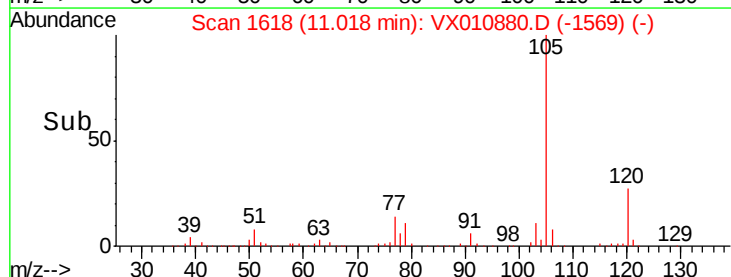
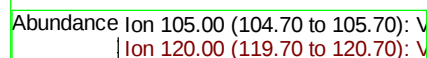
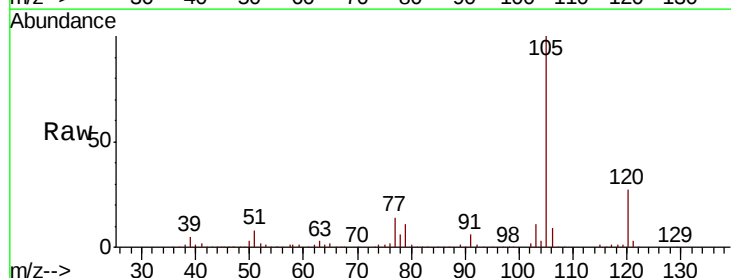
Acq: 15 Jul 2019 13:32

Tgt Ion:105 Resp: 121767

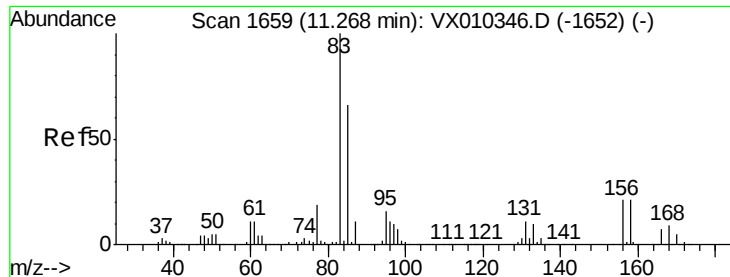
Ion Ratio Lower Upper

105 100

120 27.7 14.1 42.4



Time-->



#75

1,1,2,2-Tetrachloroethane

Concen: 0.270 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX010880.D

Acq: 15 Jul 2019 13:32

Instrument :

MSVOA_X

ClientSampled :

FL-0587

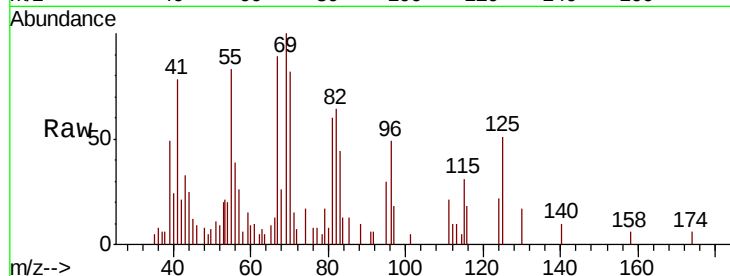
Tot Ion: 83 Resp: 976

Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.4#

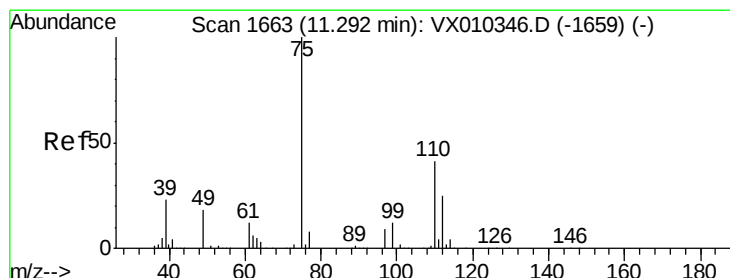
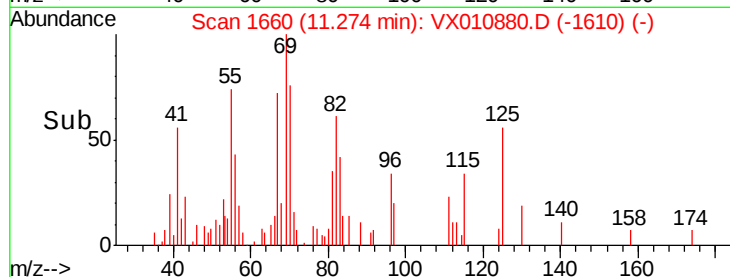
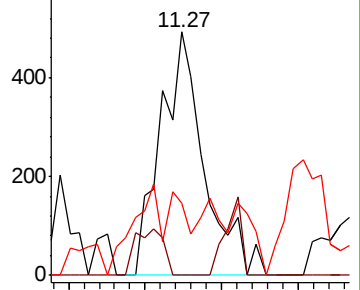
85 17.7 32.3 96.8#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 26.245 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010880.D

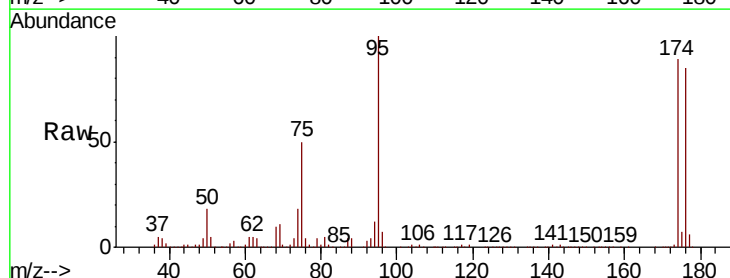
Acq: 15 Jul 2019 13:32

Tgt Ion: 75 Resp: 76983

Ion Ratio Lower Upper

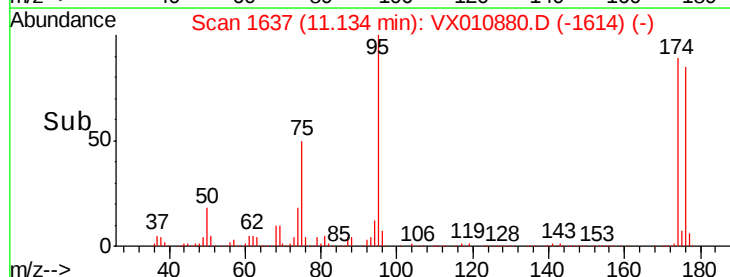
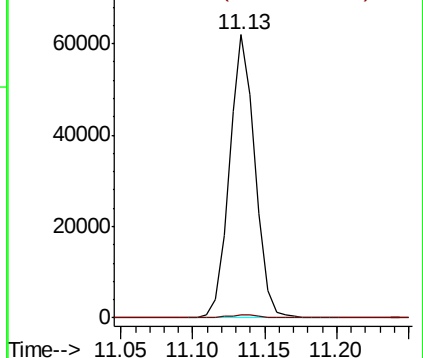
75 100

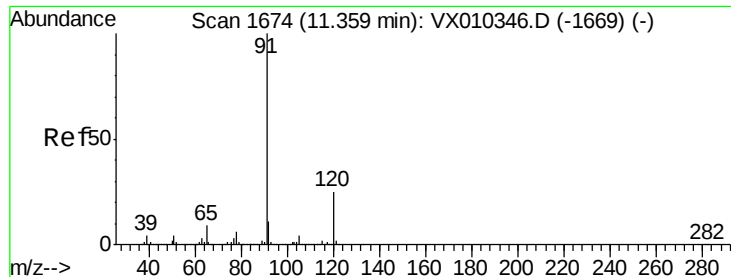
77 1.3 22.6 67.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 14.193 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010880.D

Acq: 15 Jul 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

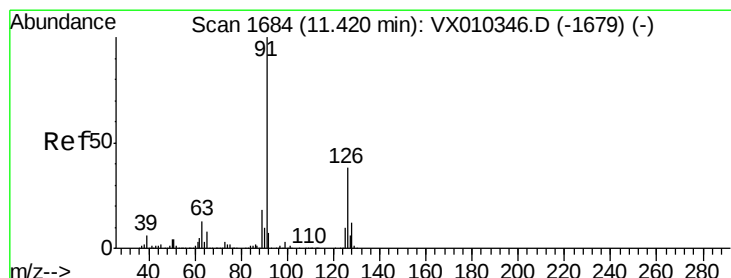
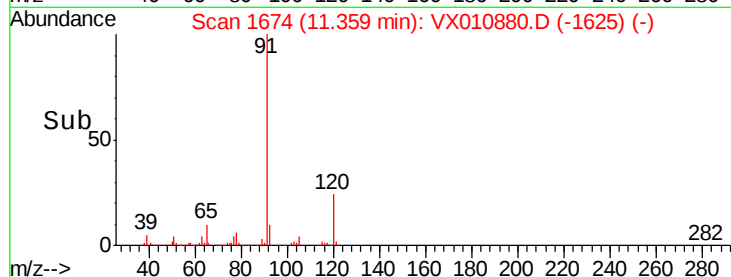
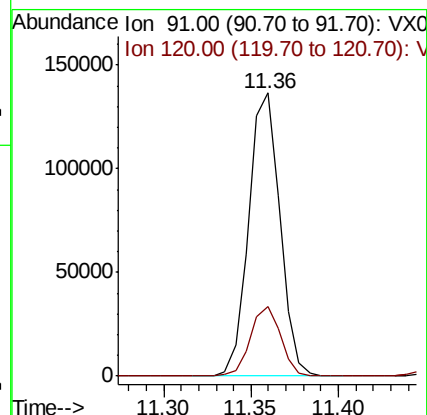
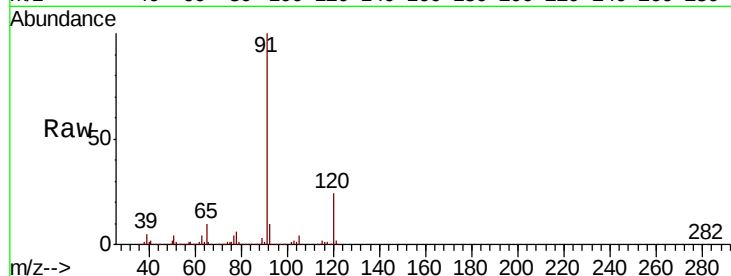
FL-0587

Tot Ion: 91 Resp: 170210

Ion Ratio Lower Upper

91 100

120 24.0 12.4 37.4



#79

2-Chlorotoluene

Concen: 23.836 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.06 min

Lab File: VX010880.D

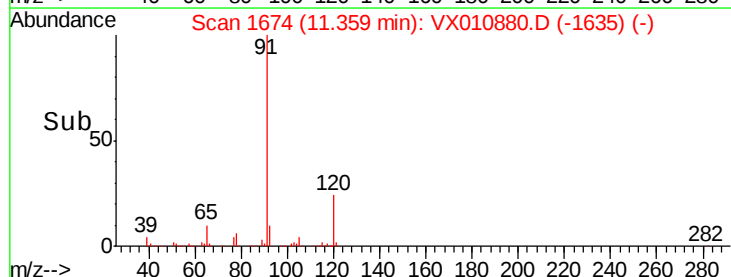
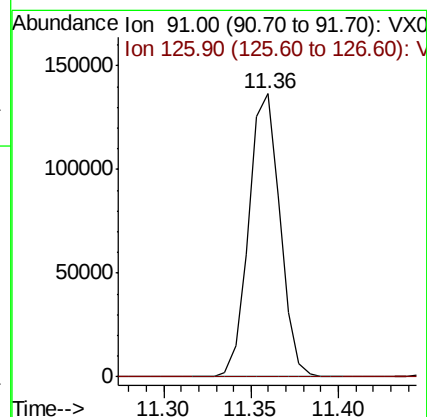
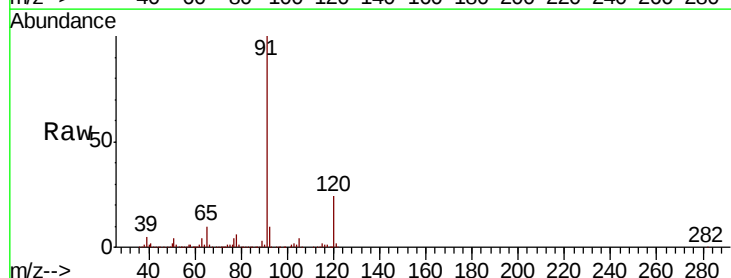
Acq: 15 Jul 2019 13:32

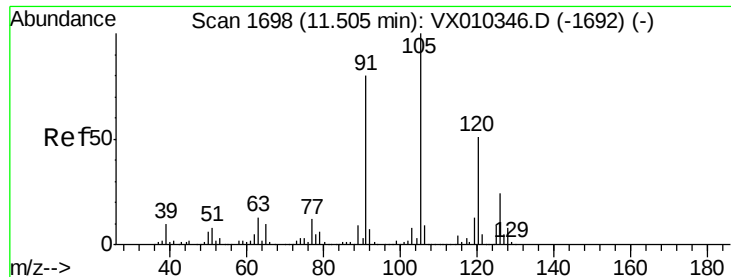
Tgt Ion: 91 Resp: 170210

Ion Ratio Lower Upper

91 100

126 0.0 18.7 56.1#

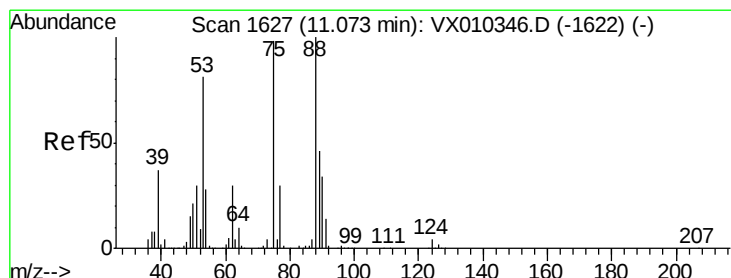
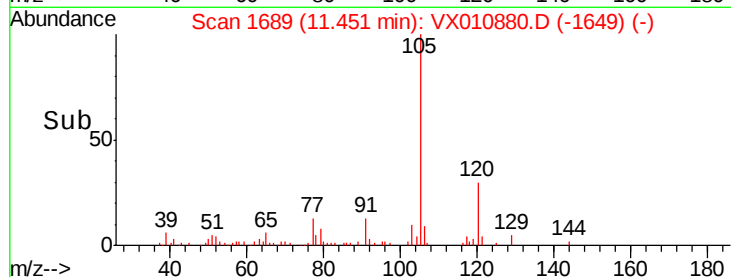
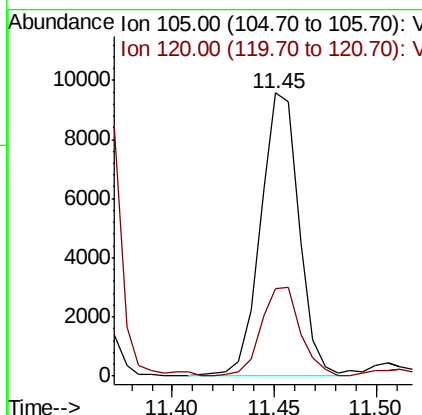
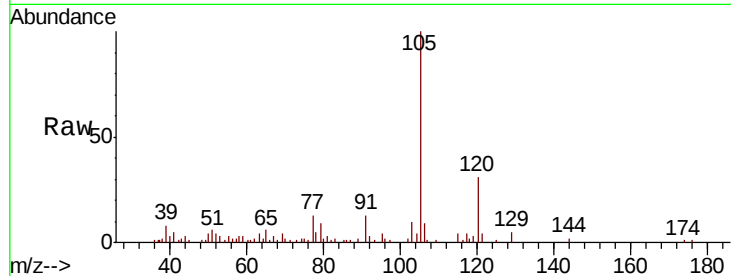




#80
 1,3,5-Trimethylbenzene
 Concen: 1.398 ug/l
 RT: 11.45 min Scan# 1689
 Delta R.T. -0.05 min
 Lab File: VX010880.D
 Acq: 15 Jul 2019 13:32

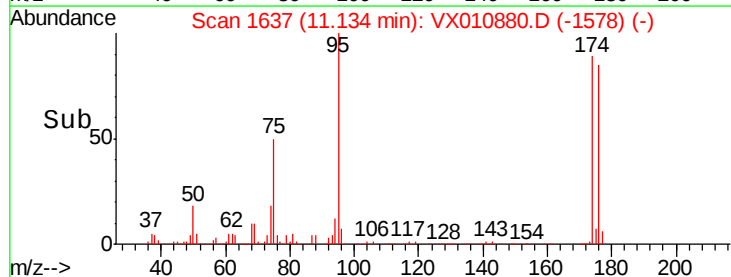
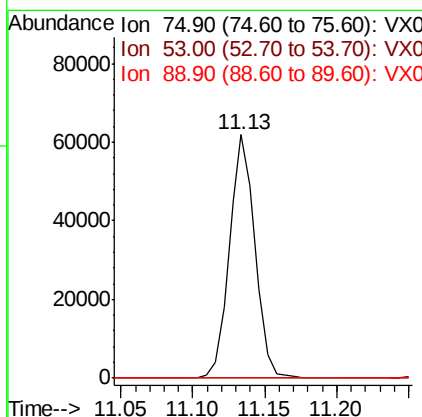
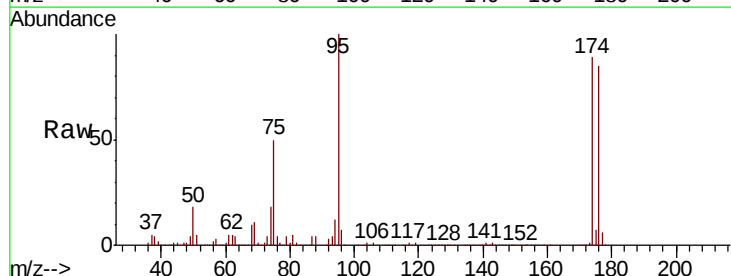
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0587

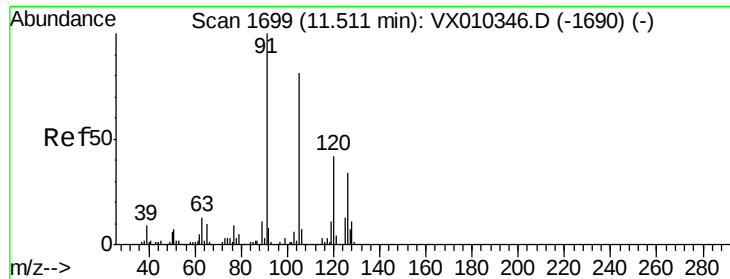
Tot Ion:105 Resp: 12578
 Ion Ratio Lower Upper
 105 100
 120 32.2 25.2 75.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.228 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX010880.D
 Acq: 15 Jul 2019 13:32

Tgt Ion: 75 Resp: 76983
 Ion Ratio Lower Upper
 75 100
 53 0.2 66.1 99.1#
 89 0.0 37.8 56.6#





#82

4-Chlorotoluene

Concen: 20.947 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.15 min

Lab File: VX010880.D

Acq: 15 Jul 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

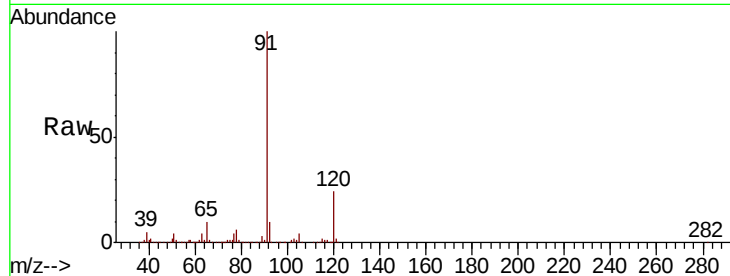
FL-0587

Tot Ion: 91 Resp: 170210

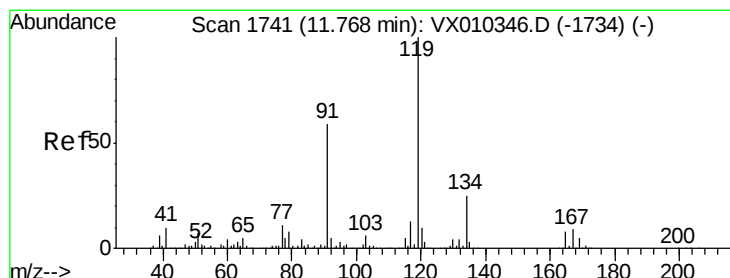
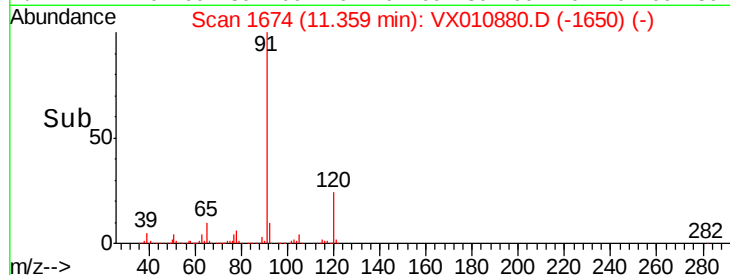
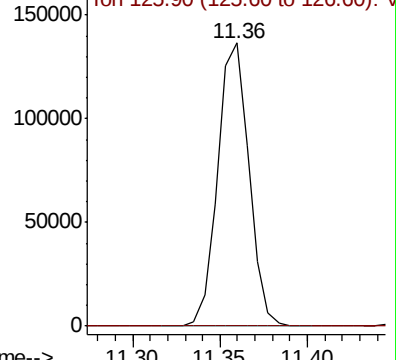
Ion Ratio Lower Upper

91 100

126 0.0 16.2 48.6#



Abundance Ion 91.00 (90.70 to 91.70): VX010880.D (-1650) (-)



#83

tert-Butylbenzene

Concen: 0.323 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX010880.D

Acq: 15 Jul 2019 13:32

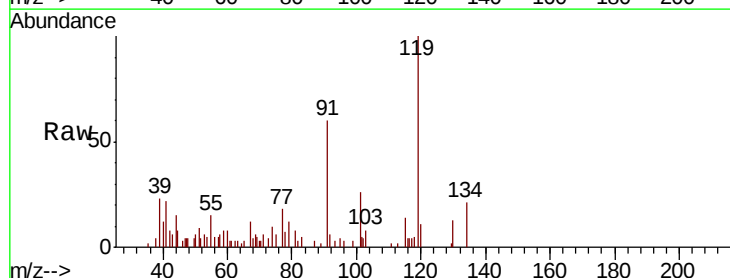
Tgt Ion: 119 Resp: 2918

Ion Ratio Lower Upper

119 100

91 62.4 27.6 82.7

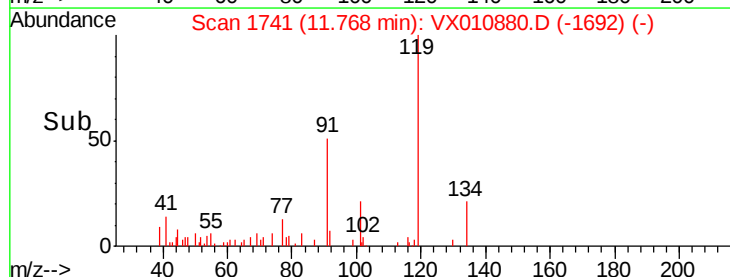
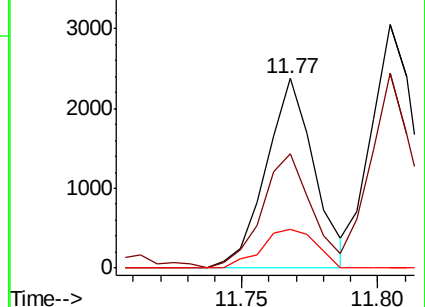
134 23.3 11.8 35.4

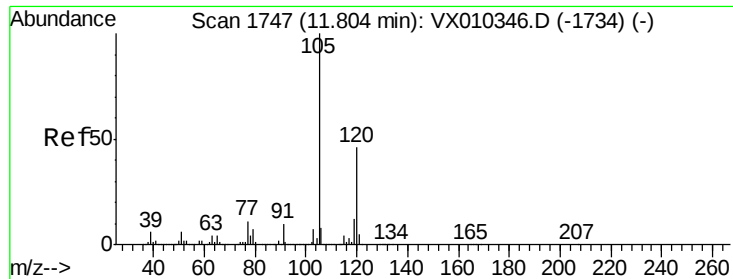


Abundance Ion 119.00 (118.70 to 119.70): VX010880.D (-1692) (-)

Ion 91.00 (90.70 to 91.70): VX010880.D (-1692) (-)

Ion 134.00 (133.70 to 134.70): VX010880.D (-1692) (-)

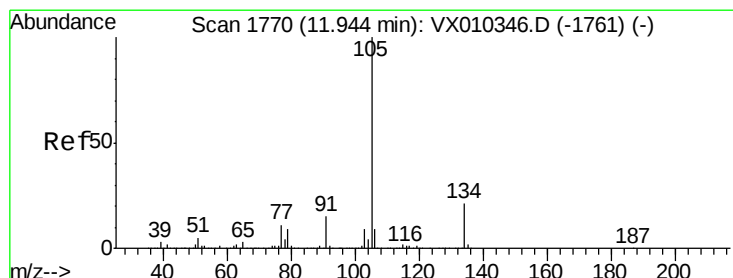
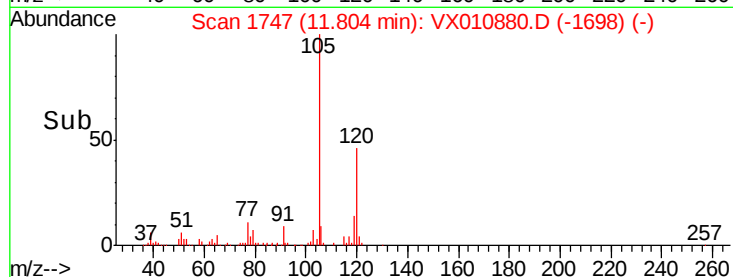
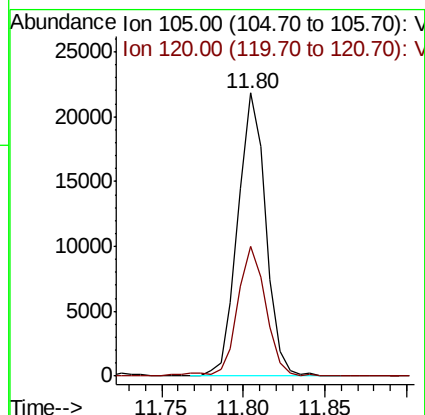
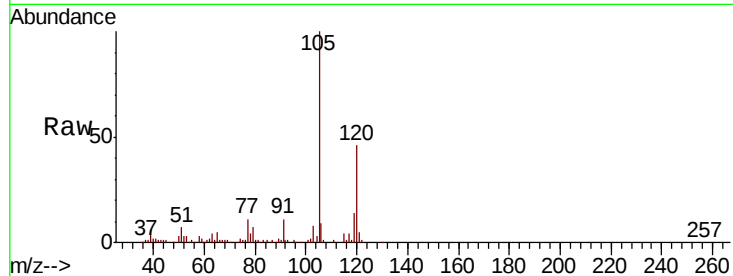




#84
 1,2,4-Trimethylbenzene
 Concen: 2.891 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010880.D
 Acq: 15 Jul 2019 13:32

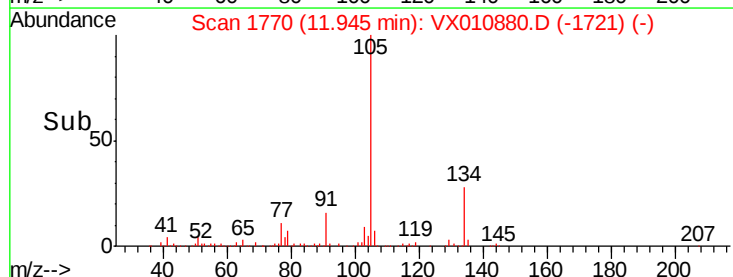
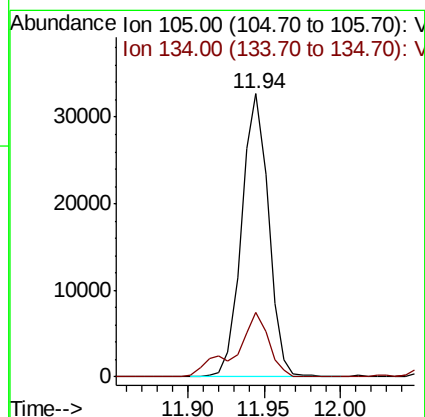
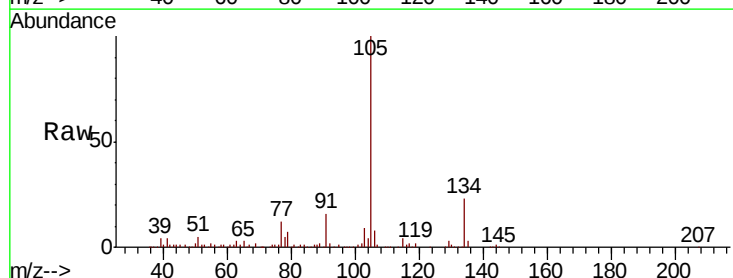
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0587

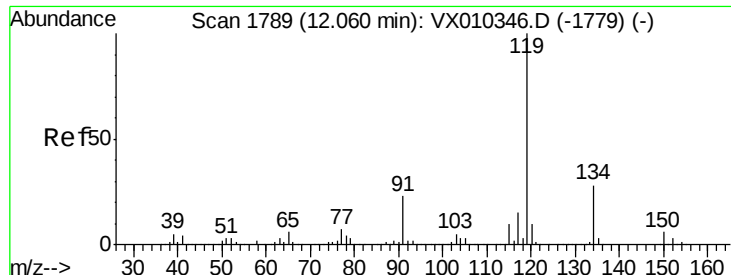
Tot Ion:105 Resp: 26127
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.1 69.2



#85
 sec-Butylbenzene
 Concen: 3.755 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX010880.D
 Acq: 15 Jul 2019 13:32

Tgt Ion:105 Resp: 39807
 Ion Ratio Lower Upper
 105 100
 134 28.6 10.7 31.9

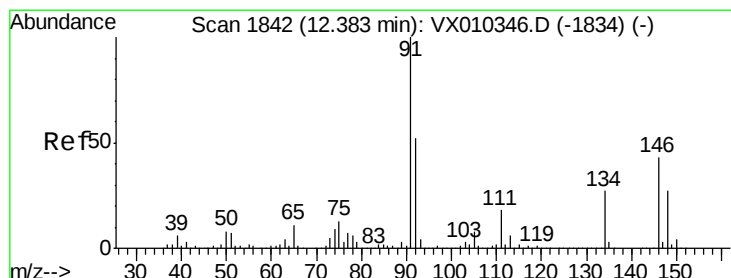
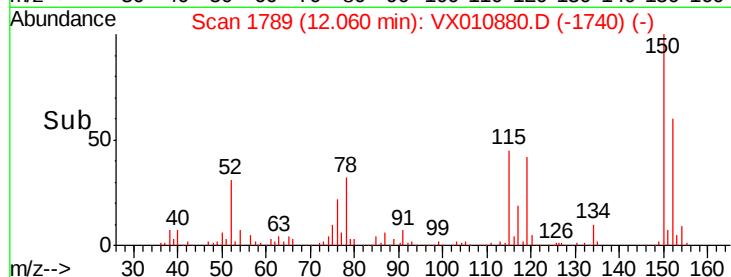
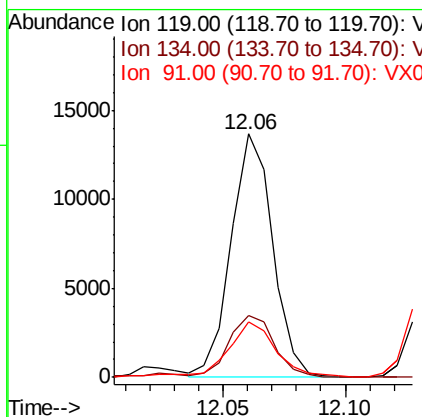
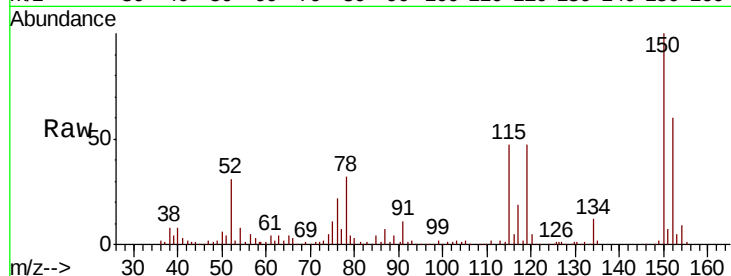




#86
p-Isopropyltoluene
Concen: 1.651 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX010880.D
Acq: 15 Jul 2019 13:32

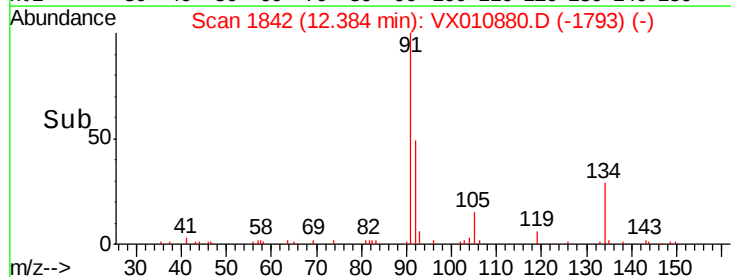
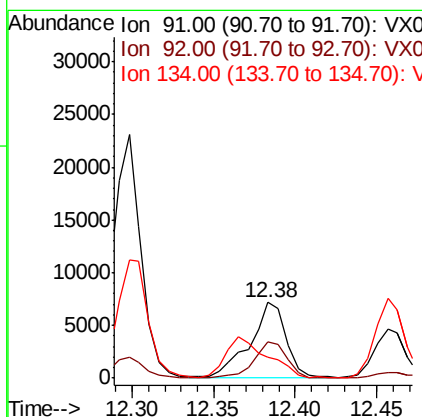
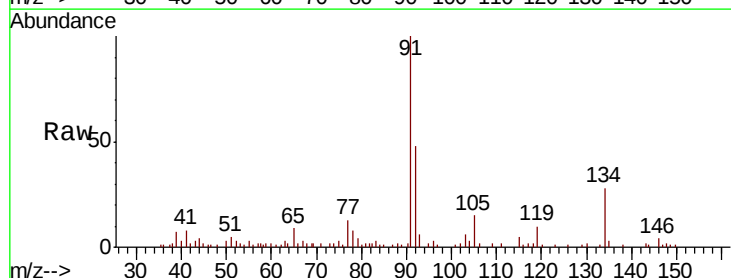
Instrument :
MSVOA_X
ClientSampleId :
FL-0587

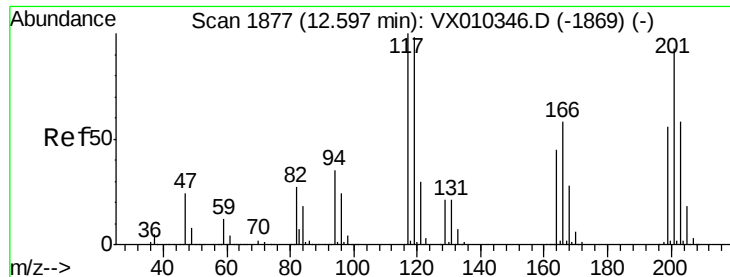
Tot Ion	Ratio	Lower	Upper
119	100		
134	29.2	13.7	41.1
91	27.0	11.3	33.8



#89
n-Butylbenzene
Concen: 1.343 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010880.D
Acq: 15 Jul 2019 13:32

Tgt Ion	Ratio	Lower	Upper
91	100		
92	43.1	26.2	78.5
134	62.7	14.1	42.4





#90

Hexachloroethane

Concen: 13.316 ug/l

RT: 12.70 min Scan# 1894

Delta R.T. 0.10 min

Lab File: VX010880.D

Acq: 15 Jul 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

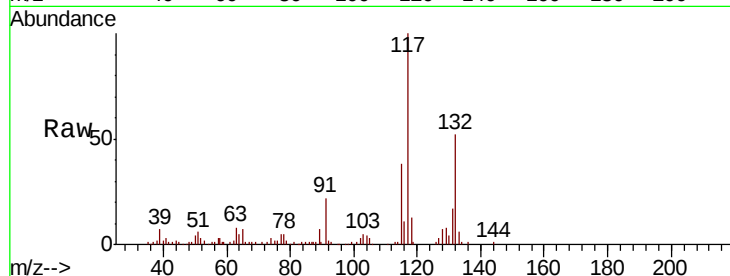
FL-0587

Tot Ion:117 Resp: 22576

Ion Ratio Lower Upper

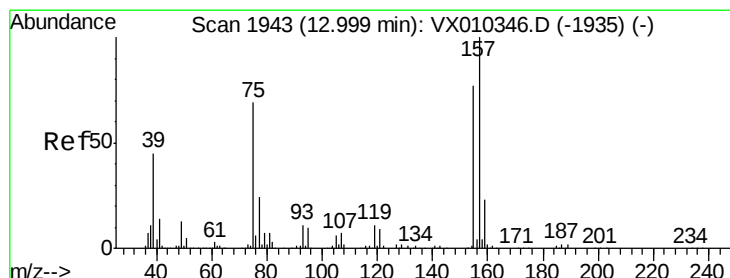
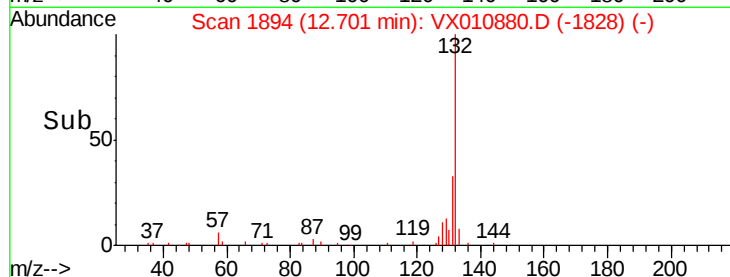
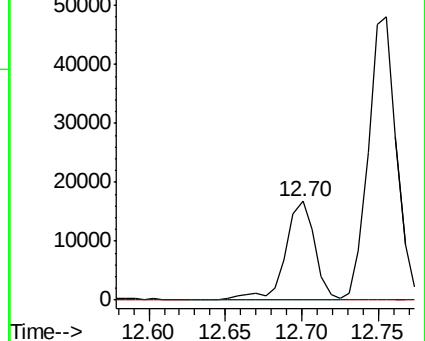
117 100

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: 0.724 ug/l

RT: 13.01 min Scan# 1945

Delta R.T. 0.01 min

Lab File: VX010880.D

Acq: 15 Jul 2019 13:32

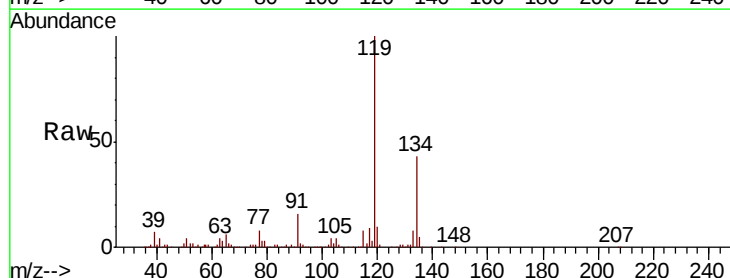
Tgt Ion: 75 Resp: 564

Ion Ratio Lower Upper

75 100

155 0.0 54.4 163.1#

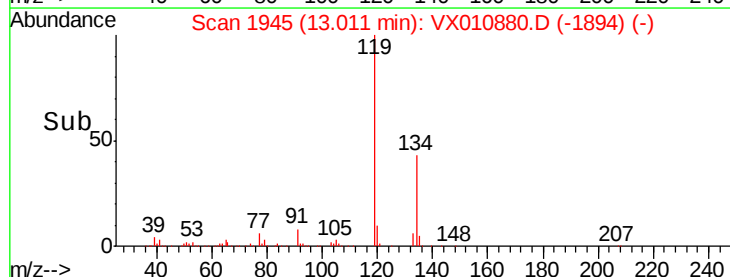
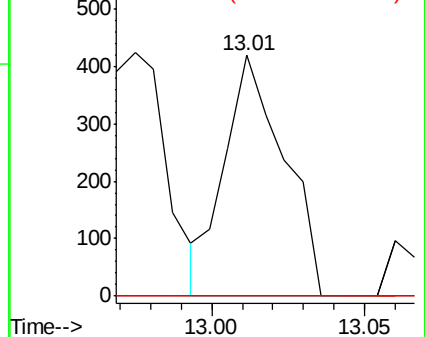
157 0.0 69.5 208.3#

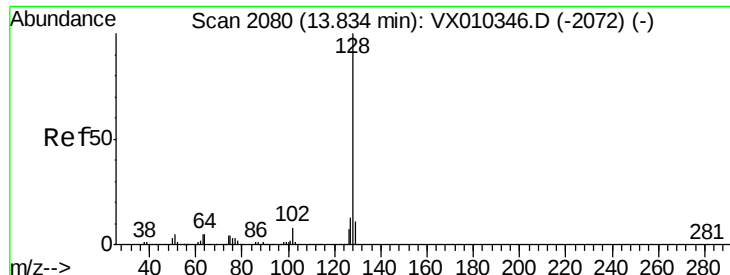


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

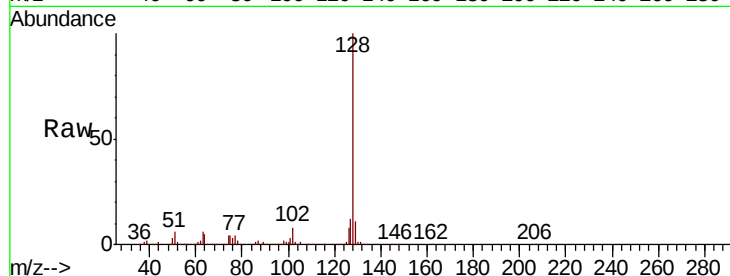




#95
Naphthalene
Concen: 6.756 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010880.D
Acq: 15 Jul 2019 13:32

Instrument :
MSVOA_X
ClientSampleId :
FL-0587

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.4
129	11.5	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

