

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070319\
 Data File : VX010679.D
 Acq On : 04 Jul 2019 09:48
 Operator : JC/SP
 Sample : K3664-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0586

Quant Time: Jul 05 00:59:00 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	244198	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	381593	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	345973	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	160674	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	121173	52.92	ug/l	0.00
Spiked Amount			Recovery	=	105.84%	
35) Dibromofluoromethane	5.50	113	115446	49.45	ug/l	0.00
Spiked Amount			Recovery	=	98.90%	
50) Toluene-d8	8.71	98	454065	50.83	ug/l	0.00
Spiked Amount			Recovery	=	101.66%	
62) 4-Bromofluorobenzene	11.13	95	155082	48.09	ug/l	0.00
Spiked Amount			Recovery	=	96.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	564	0.285	ug/l #	88
5) Bromomethane	1.65	94	503	0.477	ug/l	90
6) Chloroethane	1.76	64	411	0.322	ug/l #	41
11) Tert butyl alcohol	3.02	59	1848	3.085	ug/l #	74
13) Acrolein	2.40	56	5663	14.249	ug/l #	78
14) Allyl chloride	2.84	41	9921	3.301	ug/l #	59
15) Acrylonitrile	3.18	53	1864	1.571	ug/l #	38
16) Acetone	2.44	43	2821	2.458	ug/l #	76
18) Methyl Acetate	2.84	43	21277	9.303	ug/l #	49
20) Methylene Chloride	2.85	84	651	0.276	ug/l #	12
31) Cyclohexane	5.57	56	22194	6.711	ug/l	92
36) 1,1-Dichloropropene	5.67	75	15925	5.252	ug/l #	48
38) Carbon Tetrachloride	5.66	117	23001	7.005	ug/l #	15
39) Methylcyclohexane	7.46	83	27303	6.850	ug/l	95
48) Methyl methacrylate	7.73	41	878	0.366	ug/l #	29
49) 1,4-Dioxane	7.83	88	19	0.275	ug/l #	1
51) 4-Methyl-2-Pentanone	8.66	43	997	0.302	ug/l #	34
55) 1,1,2-Trichloroethane	9.16	97	3718	1.449	ug/l #	21
56) Ethyl methacrylate	9.16	69	959	0.247	ug/l #	16
67) Ethyl Benzene	10.25	91	50131	4.228	ug/l	95
68) m/p-Xylenes	10.35	106	26379	5.741	ug/l	100
73) Isopropylbenzene	11.02	105	29506	2.709	ug/l	98
76) 1,2,3-Trichloropropane	11.13	75	76426	26.103	ug/l #	33
78) n-propylbenzene	11.36	91	50328	4.204	ug/l	99
79) 2-Chlorotoluene	11.43	91	3768	0.529	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.51	105	26504	2.952	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.13	75	76426	60.895	ug/l #	16
82) 4-Chlorotoluene	11.51	91	3189	0.393	ug/l #	42
83) tert-Butylbenzene	11.77	119	2388	0.265	ug/l	91
84) 1,2,4-Trimethylbenzene	11.80	105	72771	8.067	ug/l	98
85) sec-Butylbenzene	11.94	105	25802	2.438	ug/l	89
86) p-Isopropyltoluene	12.02	119	3279	0.335	ug/l	89
89) n-Butylbenzene	12.38	91	4137	0.497	ug/l #	36
90) Hexachloroethane	12.58	117	1627	0.961	ug/l #	5

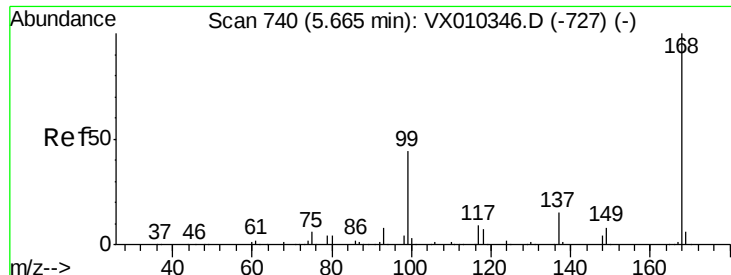
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070319\
Data File : VX010679.D
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Quant Time: Jul 05 00:59:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	13.83	128	7347	0.653	ug/l #	91

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010679.D

Acq: 04 Jul 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

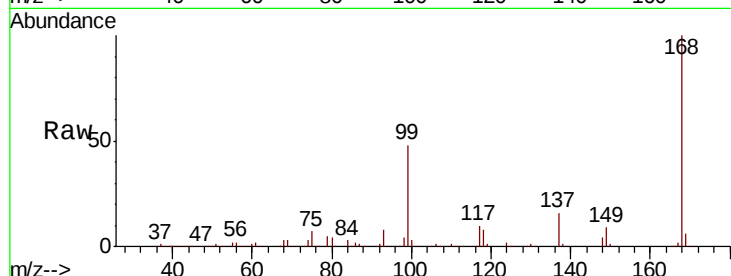
FL-0586

Tot Ion:168 Resp: 244198

Ion Ratio Lower Upper

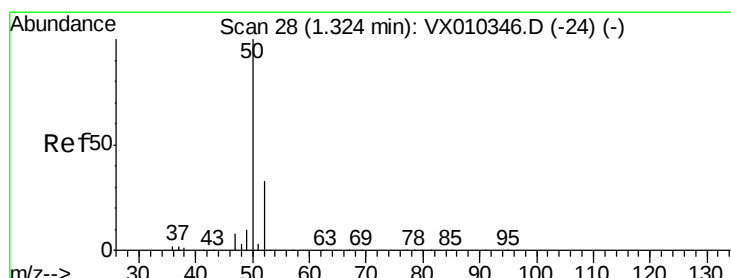
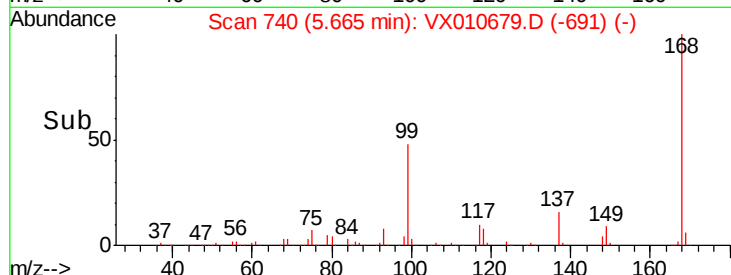
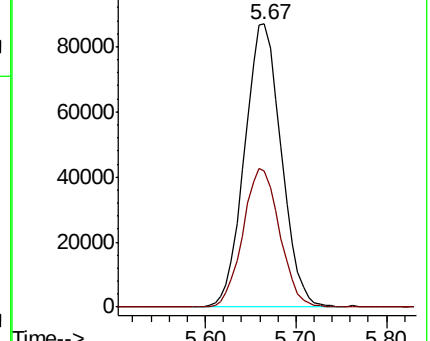
168 100

99 47.9 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: 0.285 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010679.D

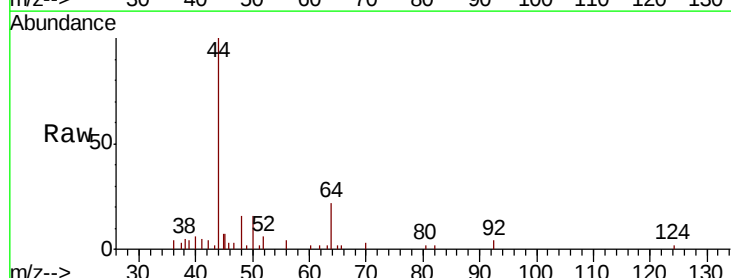
Acq: 04 Jul 2019 09:48

Tgt Ion: 50 Resp: 564

Ion Ratio Lower Upper

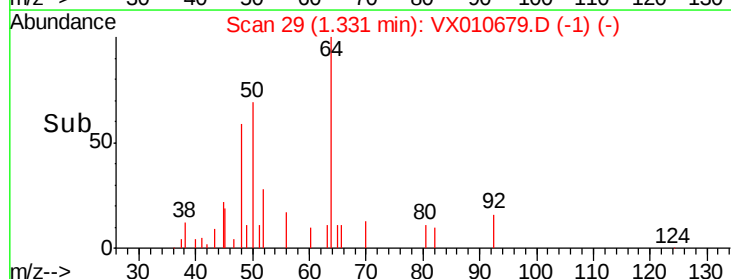
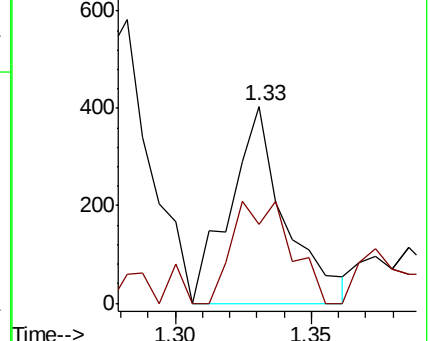
50 100

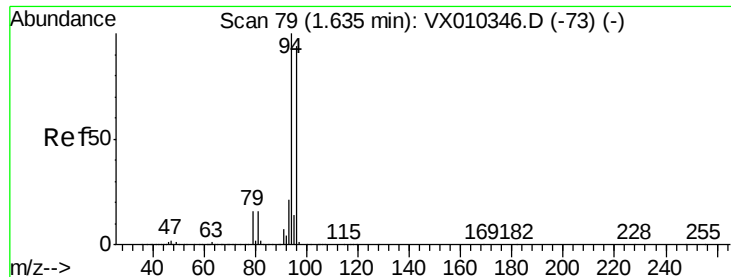
52 39.9 26.5 39.7#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: 0.477 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX010679.D

Acq: 04 Jul 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

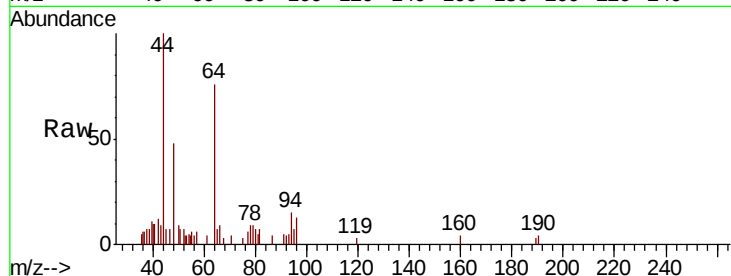
FL-0586

Tot Ion: 94 Resp: 503

Ion Ratio Lower Upper

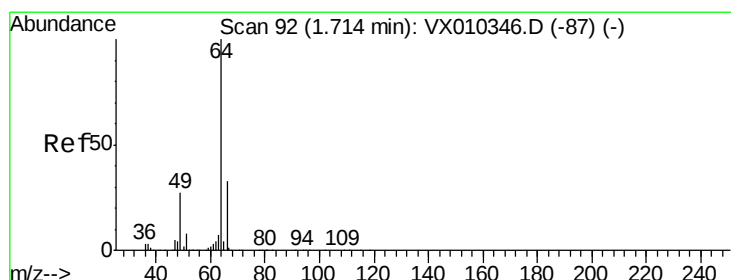
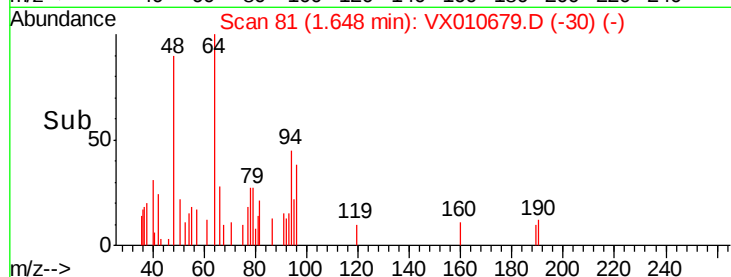
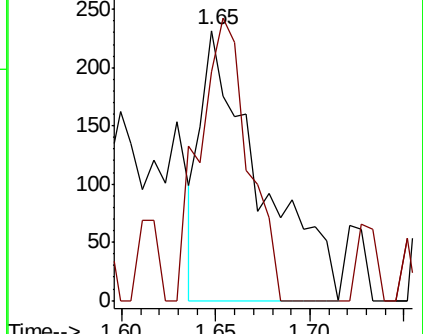
94 100

96 84.5 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: 0.322 ug/l

RT: 1.76 min Scan# 99

Delta R.T. 0.04 min

Lab File: VX010679.D

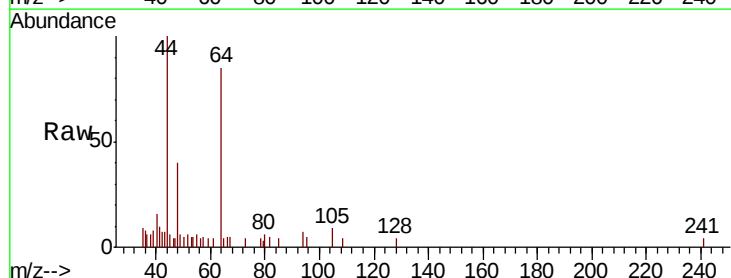
Acq: 04 Jul 2019 09:48

Tgt Ion: 64 Resp: 411

Ion Ratio Lower Upper

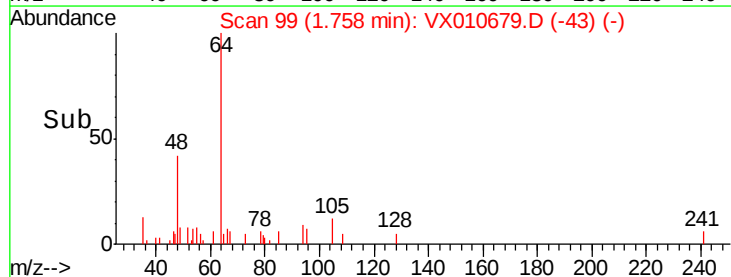
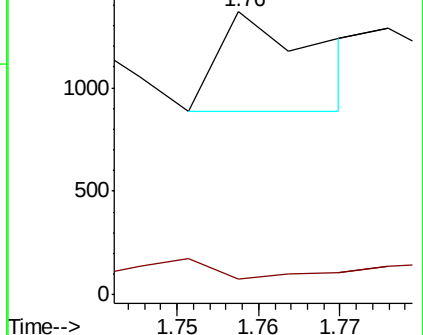
64 100

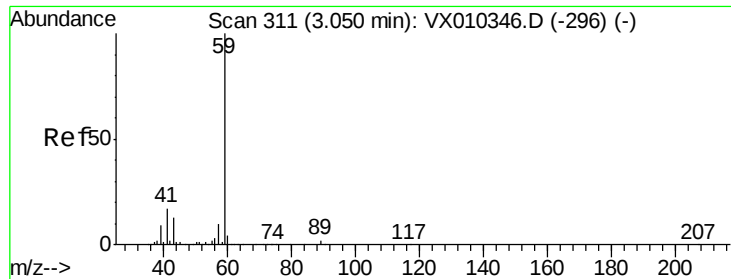
66 0.0 26.6 40.0#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



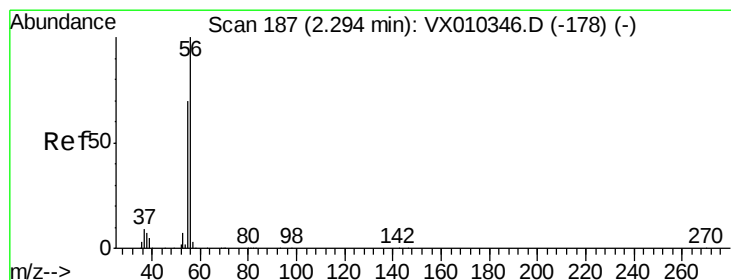
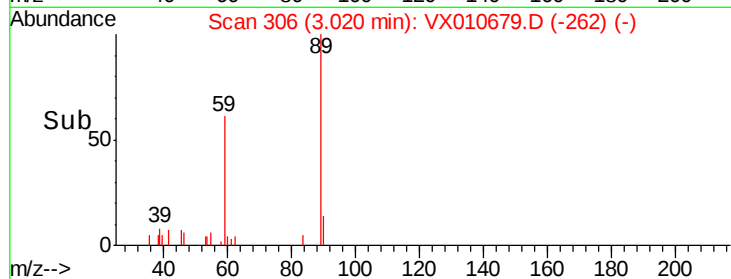
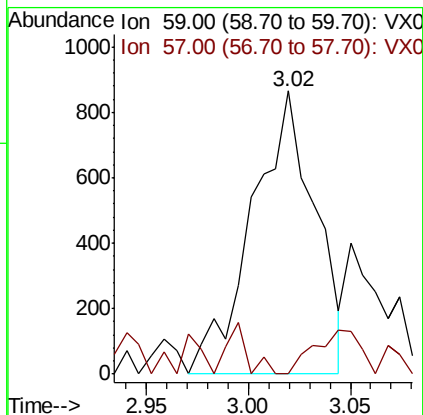
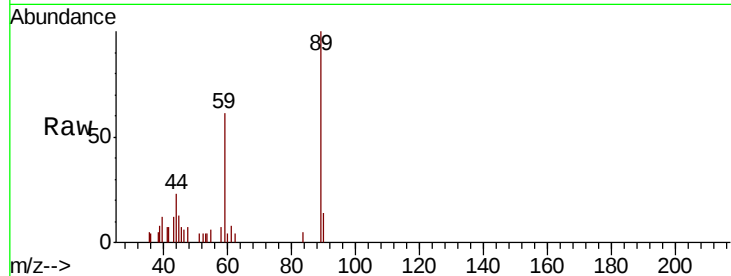


#11

Tert butyl alcohol
 Concen: 3.085 ug/l
 RT: 3.02 min Scan# 306
 Delta R.T. -0.03 min
 Lab File: VX010679.D
 Acq: 04 Jul 2019 09:48

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0586

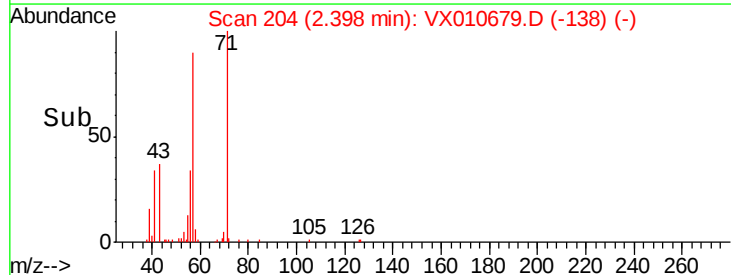
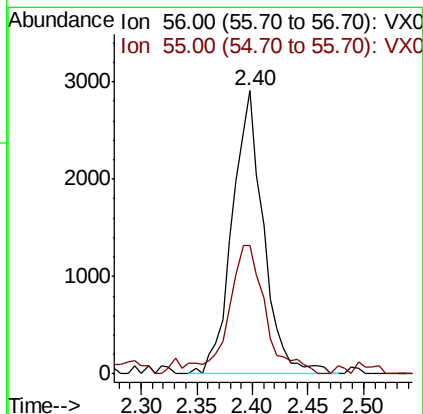
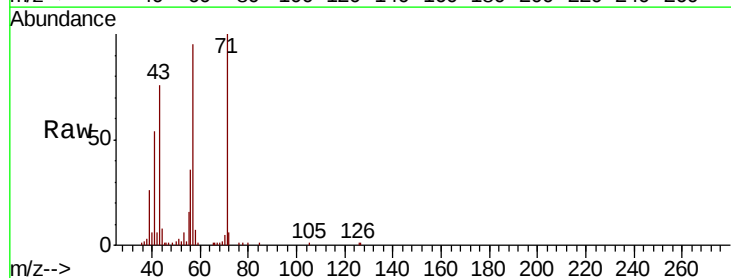
Tot Ion: 59 Resp: 1848
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.7 11.5#

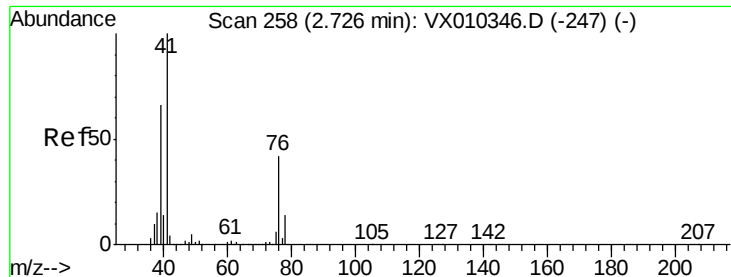


#13

Acrolein
 Concen: 14.249 ug/l
 RT: 2.40 min Scan# 204
 Delta R.T. 0.10 min
 Lab File: VX010679.D
 Acq: 04 Jul 2019 09:48

Tgt Ion: 56 Resp: 5663
 Ion Ratio Lower Upper
 56 100
 55 53.0 56.9 85.3#

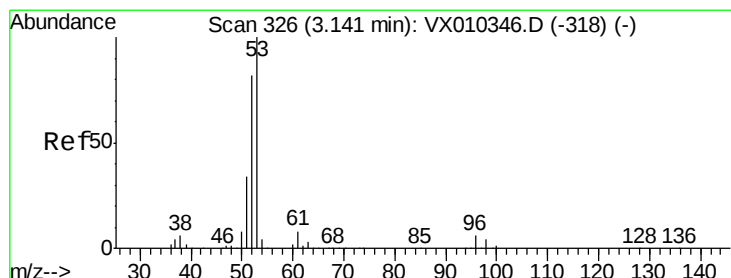
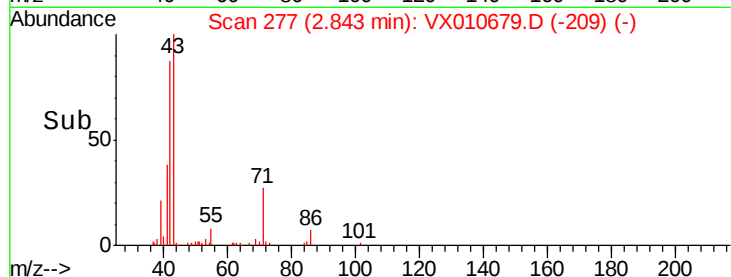
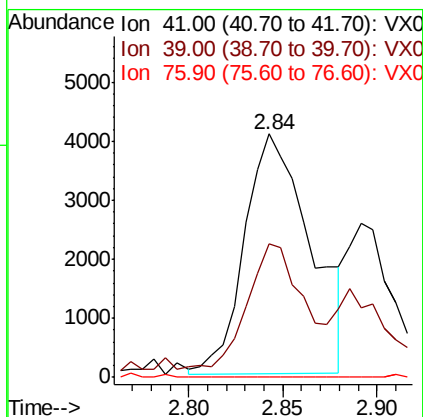
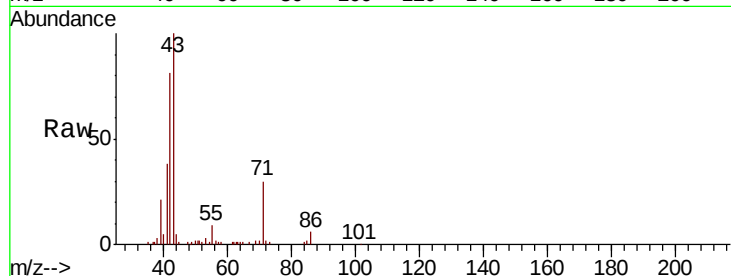




#14
Allvl chloride
Concen: 3.301 ug/l
RT: 2.84 min Scan# 277
Delta R.T. 0.12 min
Lab File: VX010679.D
Acq: 04 Jul 2019 09:48

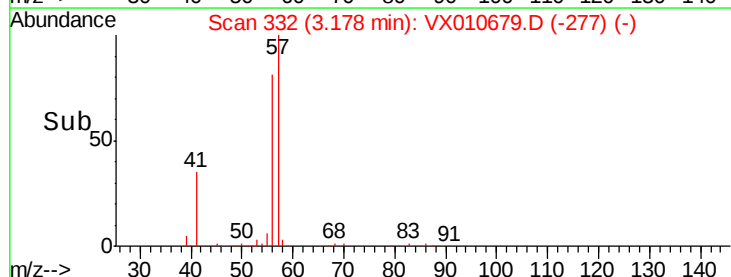
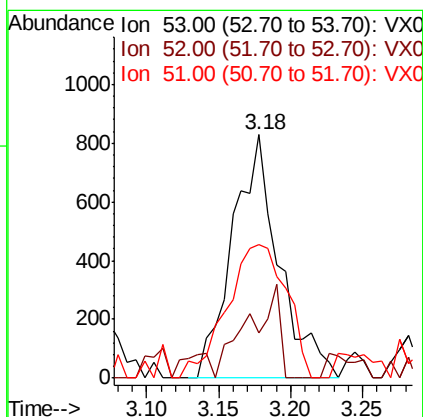
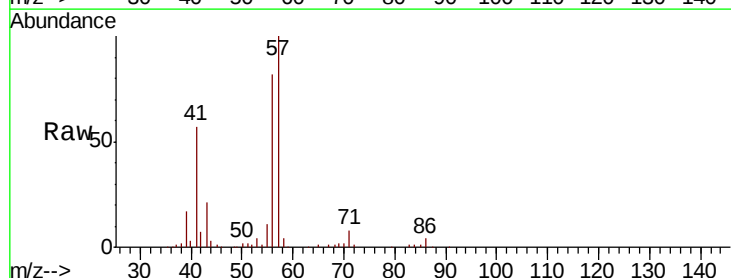
Instrument :
MSVOA_X
ClientSampled :
FL-0586

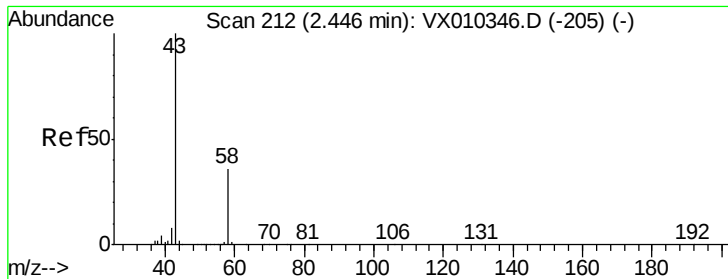
Tot Ion: 41 Resp: 9921
Ion Ratio Lower Upper
41 100
39 41.7 50.3 75.5#
76 0.0 31.3 46.9#



#15
Acrylonitrile
Concen: 1.571 ug/l
RT: 3.18 min Scan# 332
Delta R.T. 0.04 min
Lab File: VX010679.D
Acq: 04 Jul 2019 09:48

Tgt Ion: 53 Resp: 1864
Ion Ratio Lower Upper
53 100
52 25.6 65.5 98.3#
51 70.1 28.2 42.4#





#16

Acetone

Concen: 2.458 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010679.D

Acq: 04 Jul 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

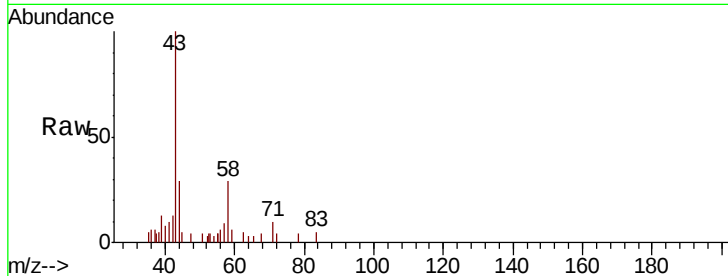
FL-0586

Tot Ion: 43 Resp: 2821

Ion Ratio Lower Upper

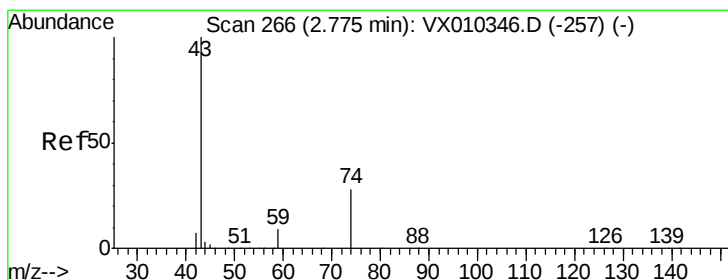
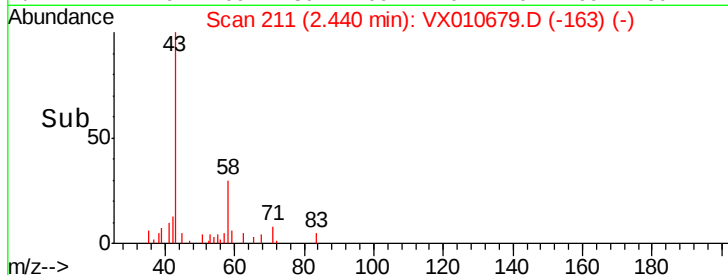
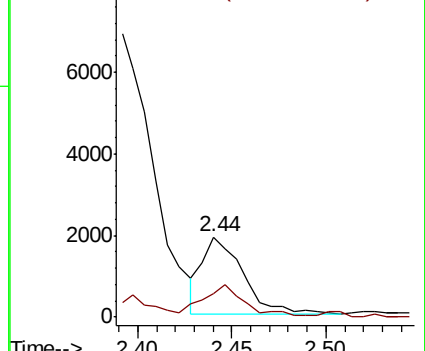
43 100

58 22.1 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: 9.303 ug/l

RT: 2.84 min Scan# 277

Delta R.T. 0.07 min

Lab File: VX010679.D

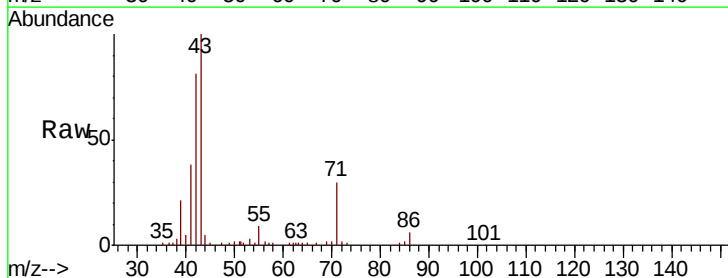
Acq: 04 Jul 2019 09:48

Tgt Ion: 43 Resp: 21277

Ion Ratio Lower Upper

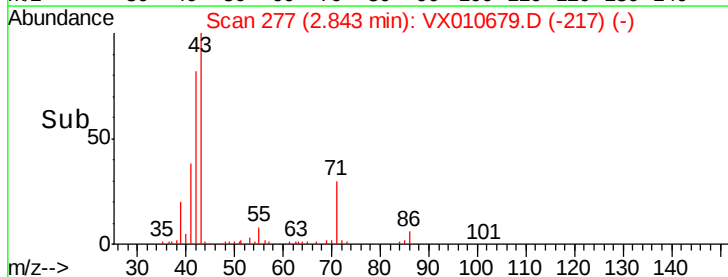
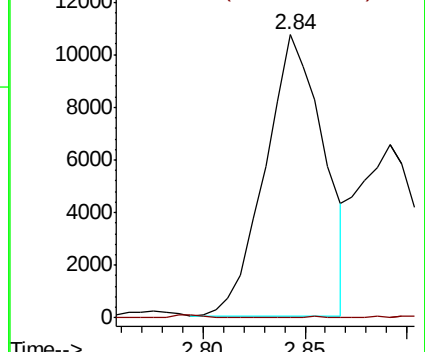
43 100

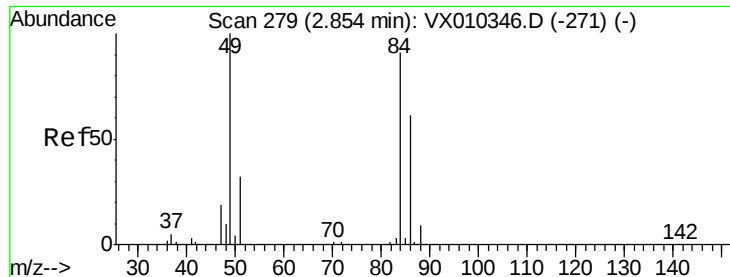
74 0.1 21.3 31.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

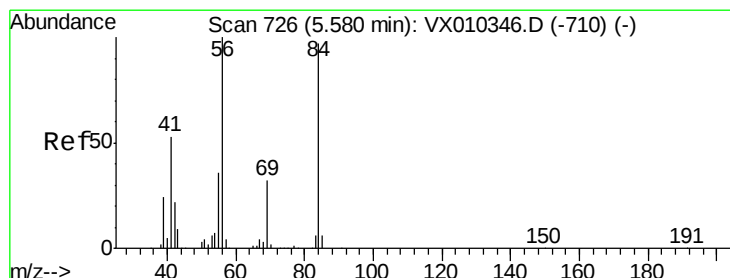
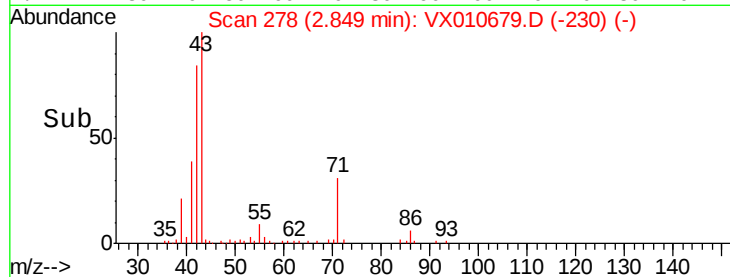
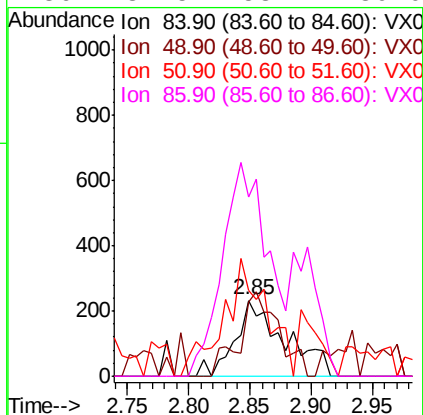
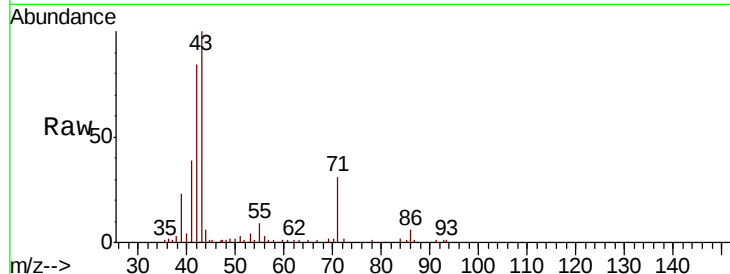




#20
Methvlene Chloride
Concen: 0.276 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.01 min
Lab File: VX010679.D
Acq: 04 Jul 2019 09:48

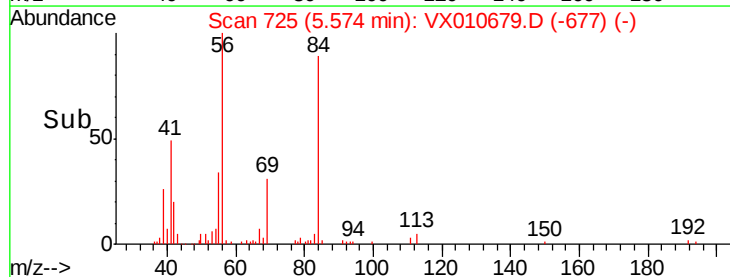
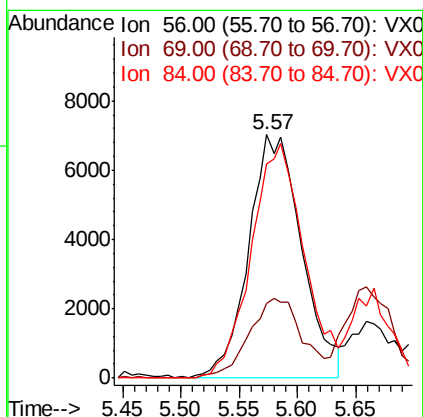
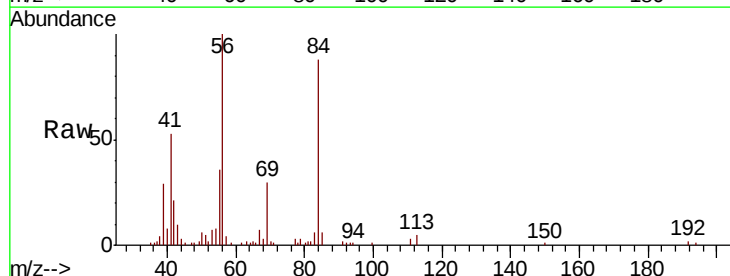
Instrument :
MSVOA_X
ClientSampled :
FL-0586

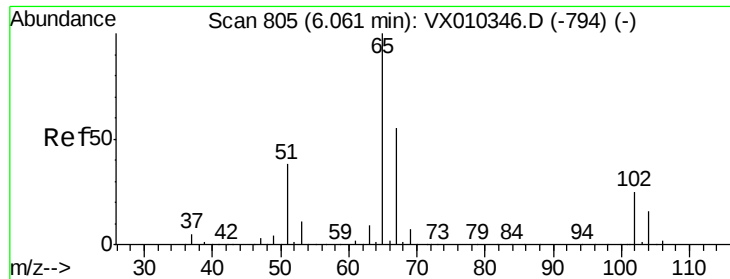
Tot Ion: 84 Resp: 651
Ion Ratio Lower Upper
84 100
49 98.3 87.5 131.3
51 87.9 27.7 41.5#
86 237.5 53.4 80.0#



#31
Cyclohexane
Concen: 6.711 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX010679.D
Acq: 04 Jul 2019 09:48

Tgt Ion: 56 Resp: 22194
Ion Ratio Lower Upper
56 100
69 30.5 25.9 38.9
84 87.8 78.0 117.0





#33

1,2-Dichloroethane-d4

Concen: 52.923 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010679.D

Acq: 04 Jul 2019 09:48

Instrument :

MSVOA_X

ClientSampled :

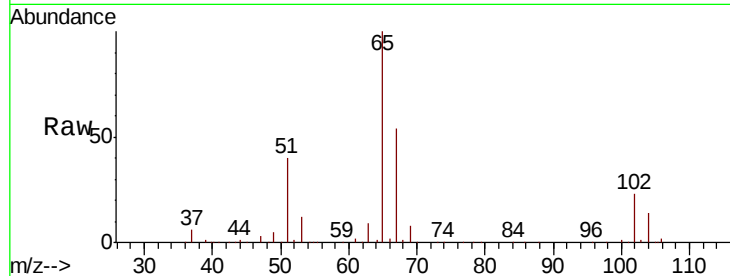
FL-0586

Tot Ion: 65 Resp: 121173

Ion Ratio Lower Upper

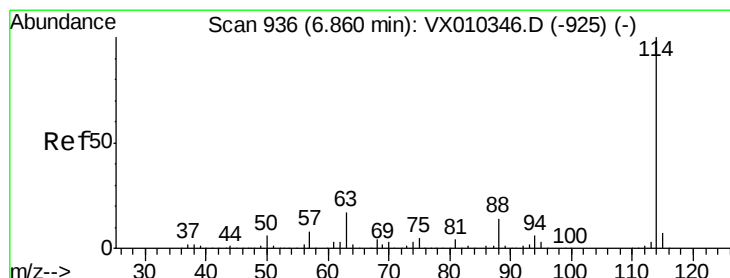
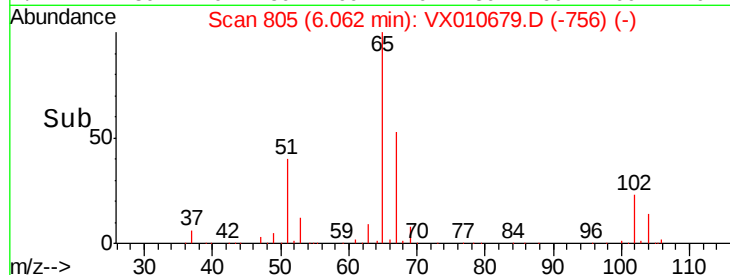
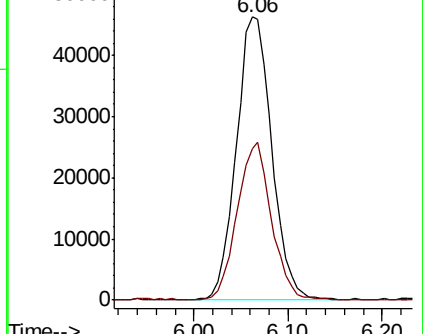
65 100

67 54.4 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: VX010679.D

Acq: 04 Jul 2019 09:48

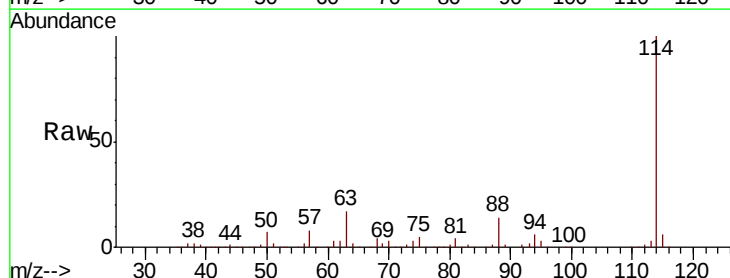
Tgt Ion: 114 Resp: 381593

Ion Ratio Lower Upper

114 100

63 17.4 0.0 33.8

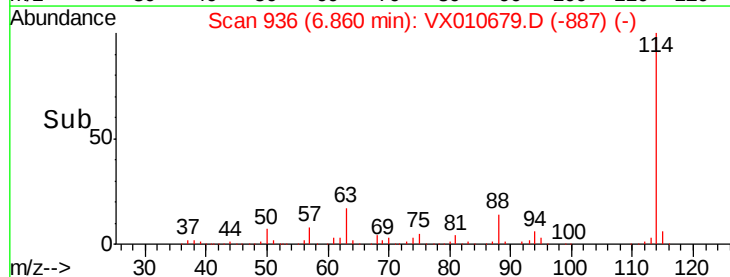
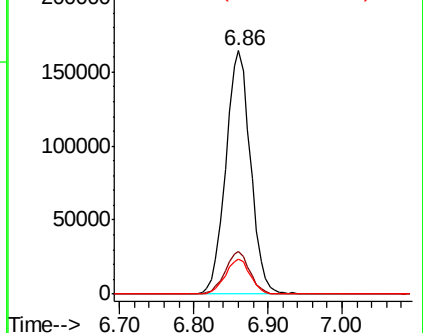
88 14.4 0.0 27.6

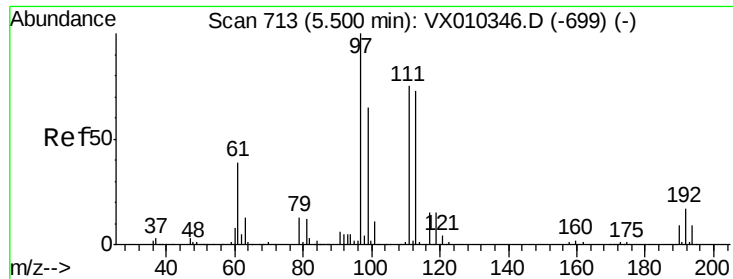


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

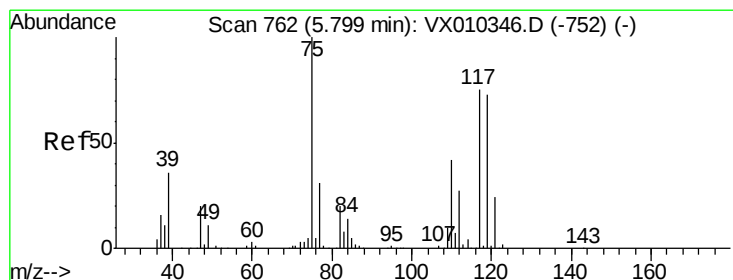
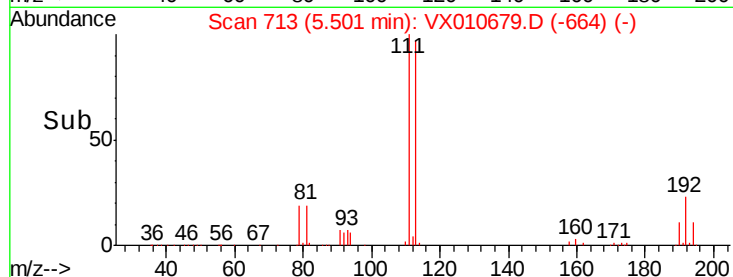
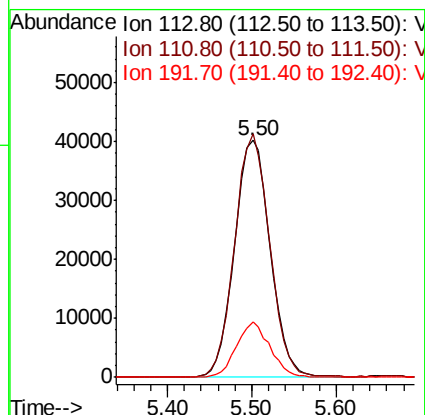
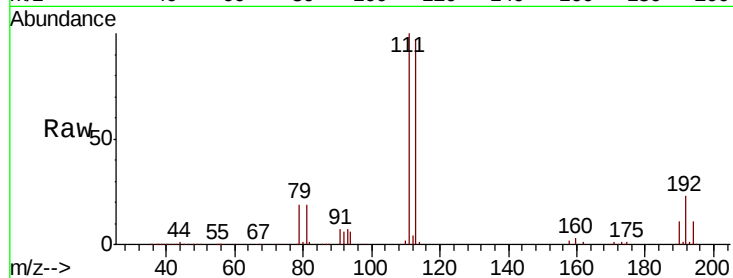




#35
 Dibromofluoromethane
 Concen: 49.447 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010679.D
 Acq: 04 Jul 2019 09:48

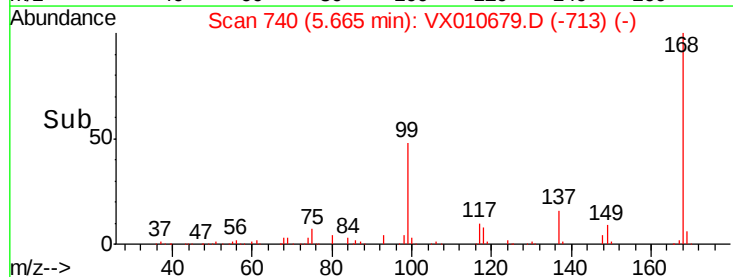
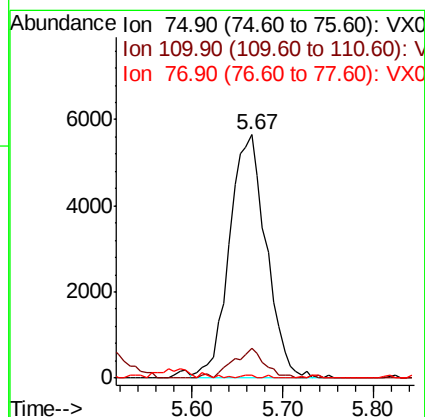
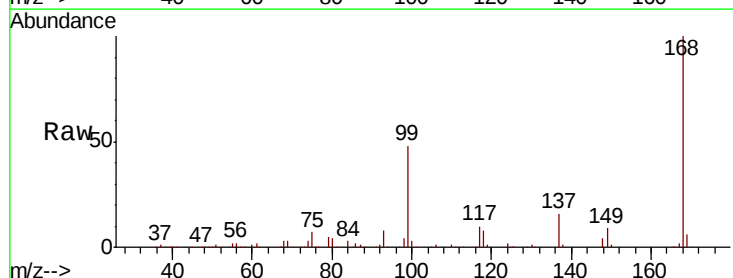
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0586

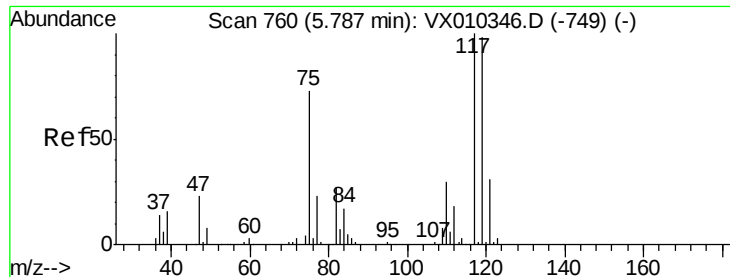
Tot Ion:113 Resp: 115446
 Ion Ratio Lower Upper
 113 100
 111 100.6 81.2 121.8
 192 21.8 18.6 27.8



#36
 1,1-Dichloropropene
 Concen: 5.252 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX010679.D
 Acq: 04 Jul 2019 09:48

Tgt Ion: 75 Resp: 15925
 Ion Ratio Lower Upper
 75 100
 110 10.6 20.8 62.2#
 77 0.4 25.4 38.0#





#38

Carbon Tetrachloride

Concen: 7.005 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.13 min

Lab File: VX010679.D

Acq: 04 Jul 2019 09:48

Instrument :

MSVOA_X

ClientSampled :

FL-0586

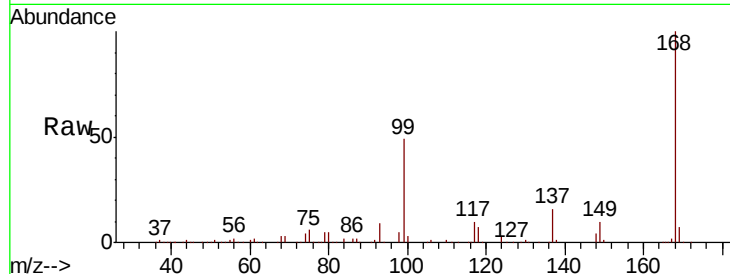
Tot Ion:117 Resp: 23001

Ion Ratio Lower Upper

117 100

119 4.5 78.2 117.4#

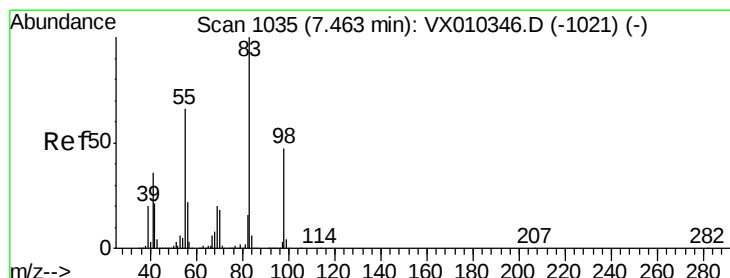
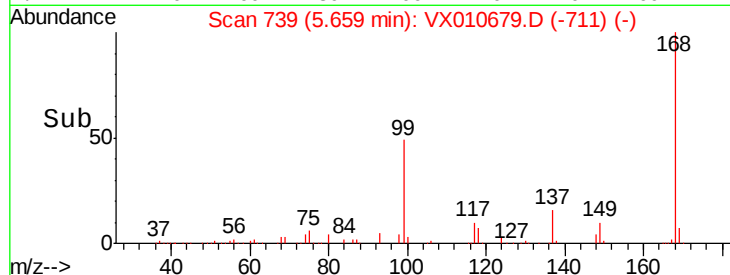
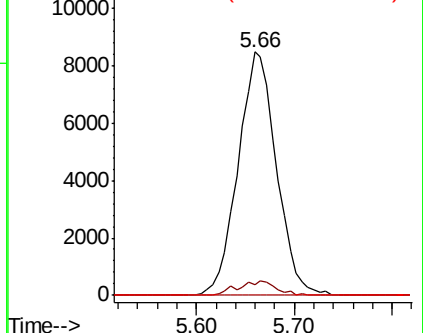
121 0.0 24.7 37.1#



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

Methylcyclohexane

Concen: 6.850 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX010679.D

Acq: 04 Jul 2019 09:48

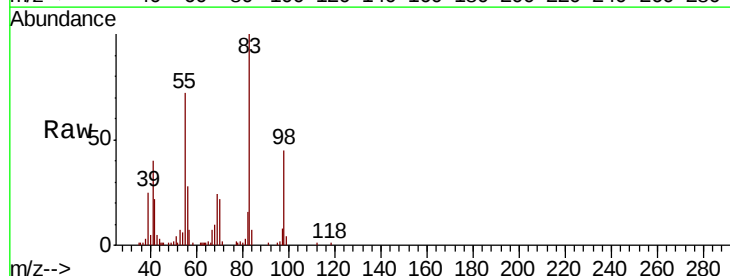
Tgt Ion: 83 Resp: 27303

Ion Ratio Lower Upper

83 100

55 71.0 53.0 79.6

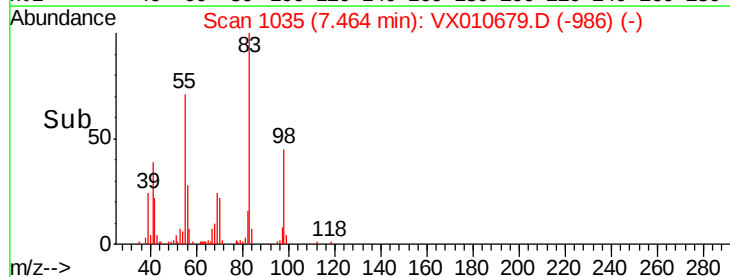
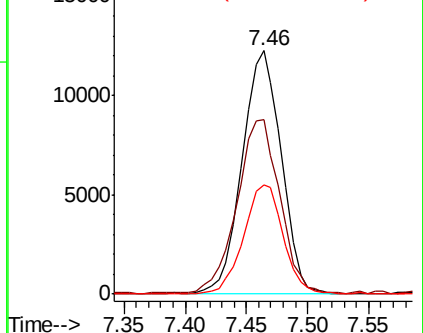
98 44.8 37.8 56.8

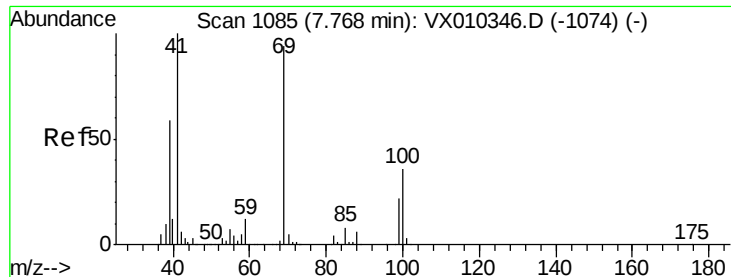


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

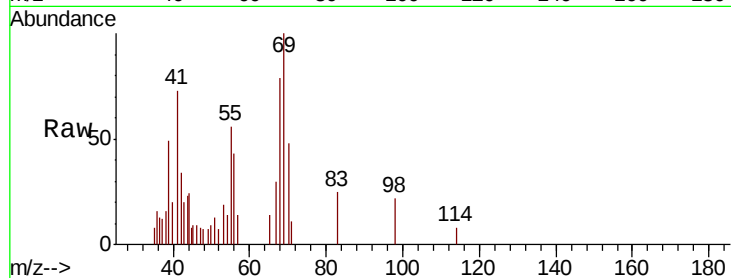




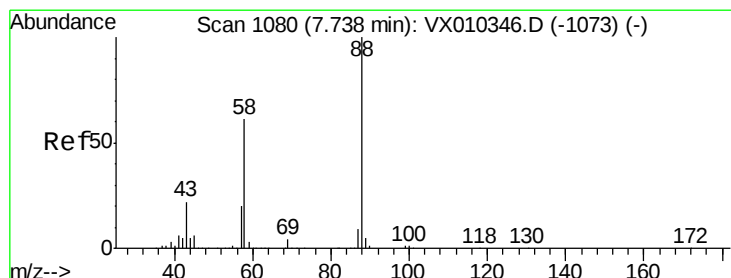
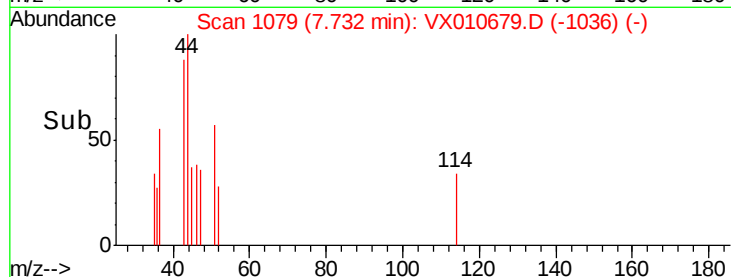
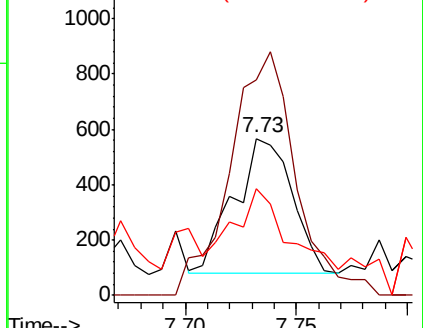
#48
Methvl methacrylate
Concen: 0.366 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.04 min
Lab File: VX010679.D
Acq: 04 Jul 2019 09:48

Instrument :
MSVOA_X
ClientSampled :
FL-0586

Tot Ion: 41 Resp: 878
Ion Ratio Lower Upper
41 100
69 206.8 76.1 114.1#
39 58.7 47.6 71.4

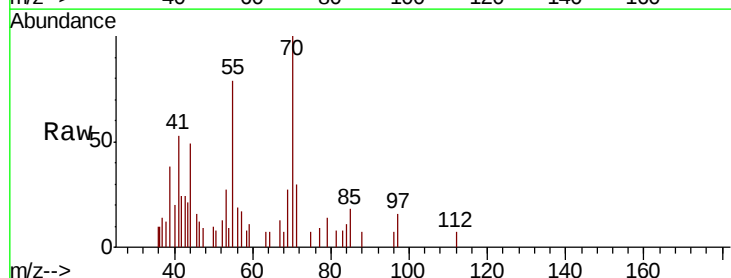


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

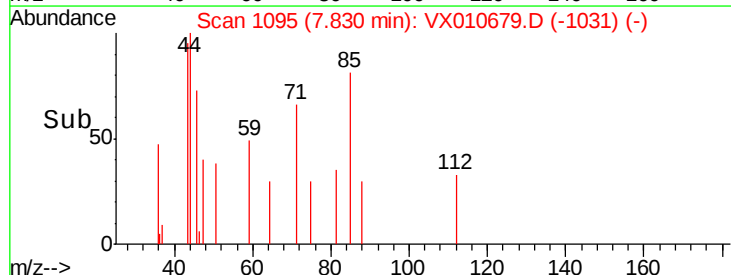
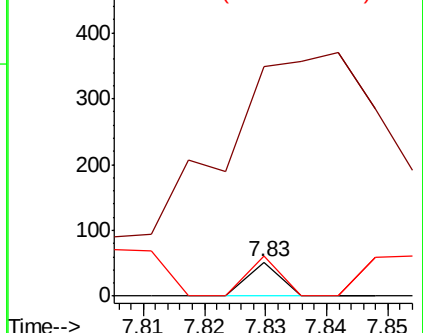


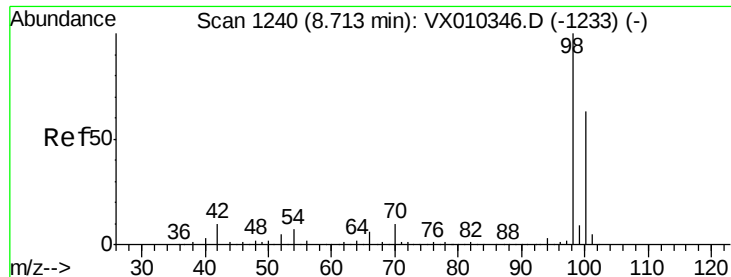
#49
1,4-Dioxane
Concen: 0.275 ug/l
RT: 7.83 min Scan# 1095
Delta R.T. 0.09 min
Lab File: VX010679.D
Acq: 04 Jul 2019 09:48

Tgt Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 5589.5 20.2 30.2#
58 115.8 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: 50.835 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010679.D

Acq: 04 Jul 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

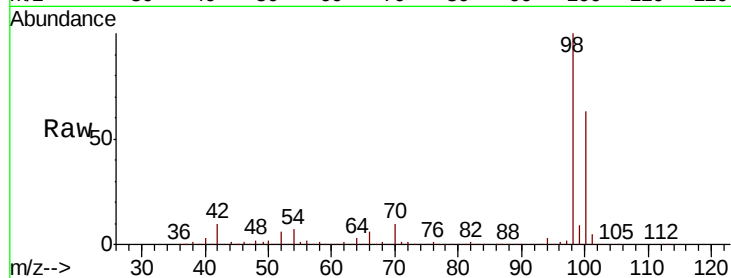
FL-0586

Tot Ion: 98 Resp: 454065

Ion Ratio Lower Upper

98 100

100 63.3 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.71

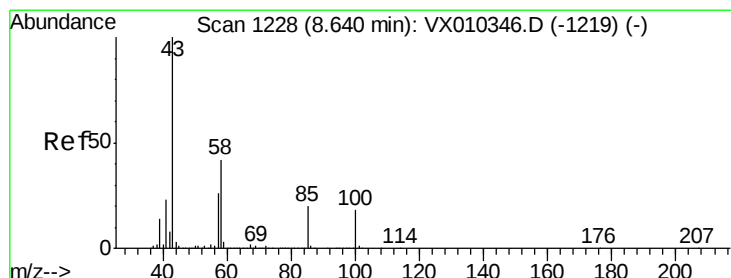
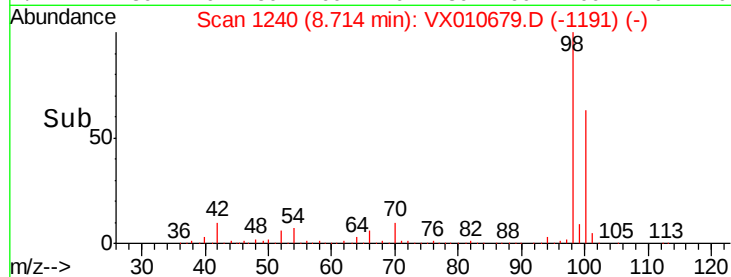
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.302 ug/l

RT: 8.66 min Scan# 1231

Delta R.T. 0.02 min

Lab File: VX010679.D

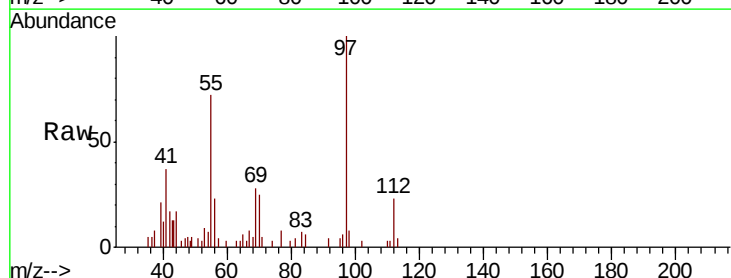
Acq: 04 Jul 2019 09:48

Tgt Ion: 43 Resp: 997

Ion Ratio Lower Upper

43 100

58 0.0 33.5 50.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2000

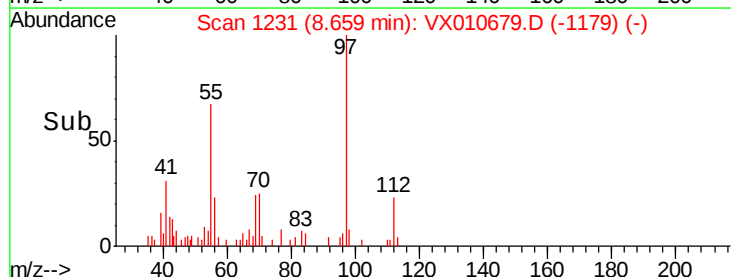
1500

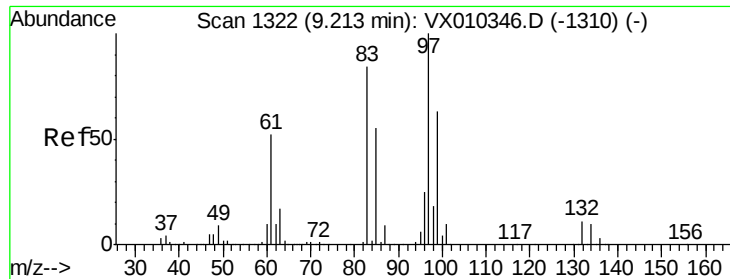
1000

500

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 1.449 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX010679.D

Acq: 04 Jul 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

FL-0586

Tot Ion: 97 Resp: 3718

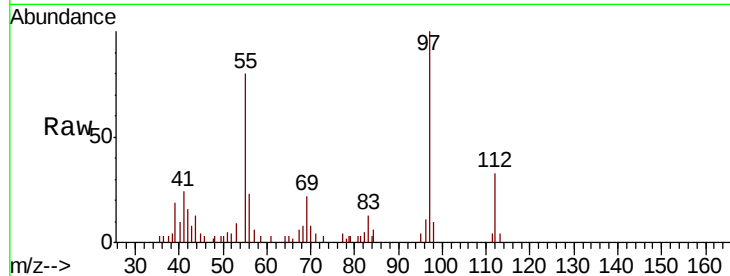
Ion Ratio Lower Upper

97 100

83 13.1 67.4 101.0#

85 0.0 43.8 65.8#

99 0.0 50.3 75.5#

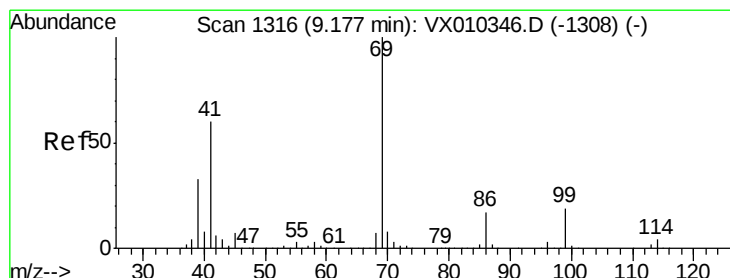
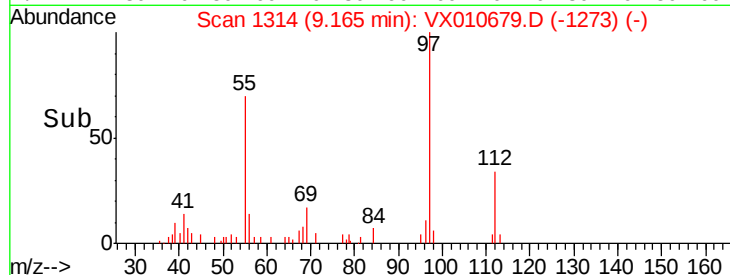
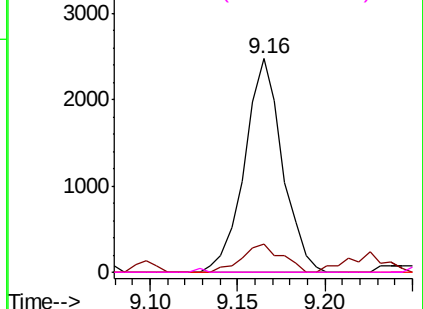


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 0.247 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.01 min

Lab File: VX010679.D

Acq: 04 Jul 2019 09:48

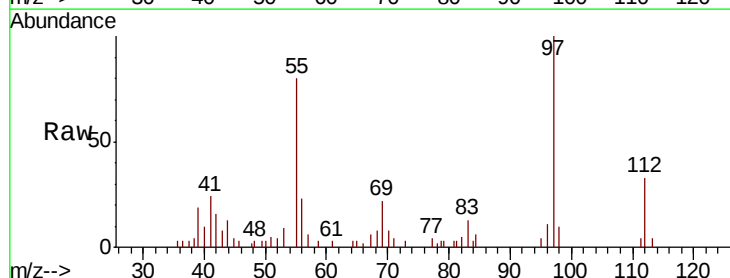
Tgt Ion: 69 Resp: 959

Ion Ratio Lower Upper

69 100

41 130.9 47.1 70.7#

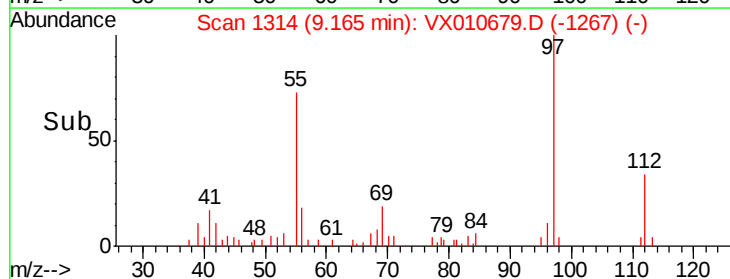
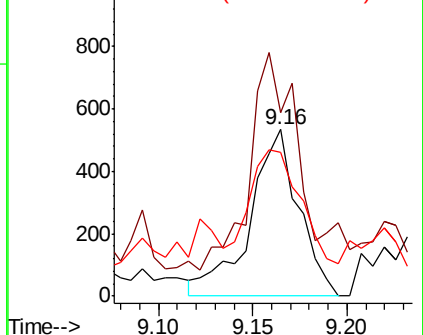
39 69.0 26.6 40.0#

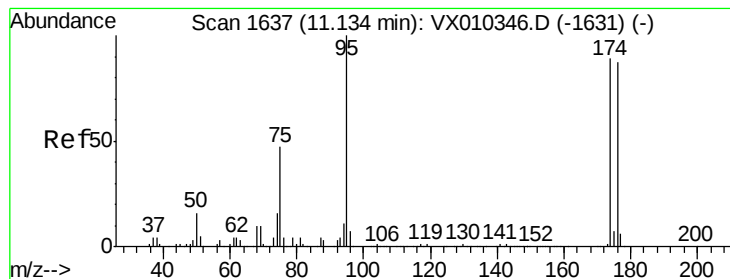


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#62

4-Bromofluorobenzene

Concen: 48.091 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010679.D

Acq: 04 Jul 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

FL-0586

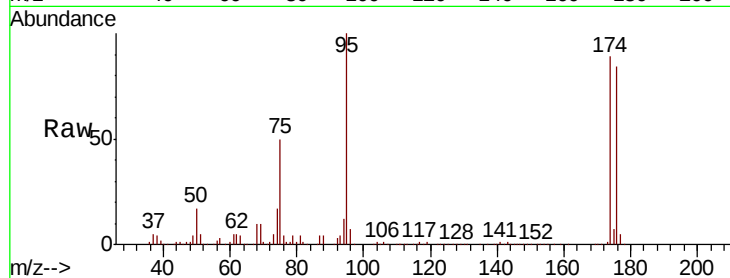
Tot Ion: 95 Resp: 155082

Ion Ratio Lower Upper

95 100

174 92.8 0.0 187.6

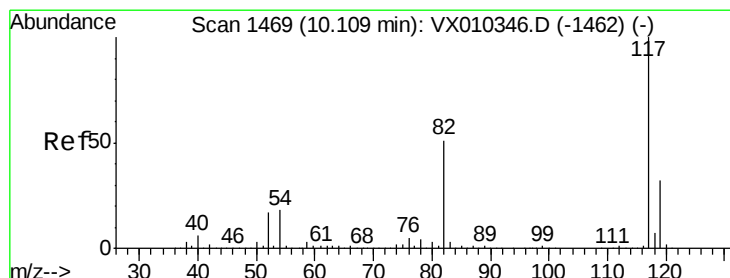
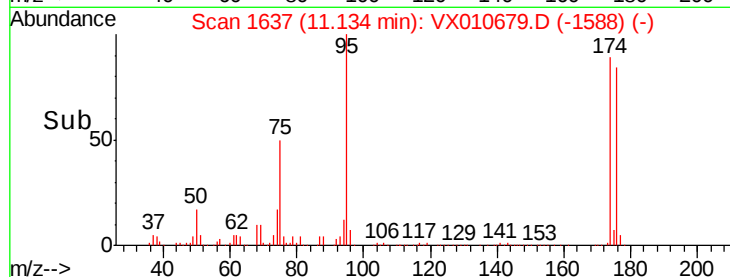
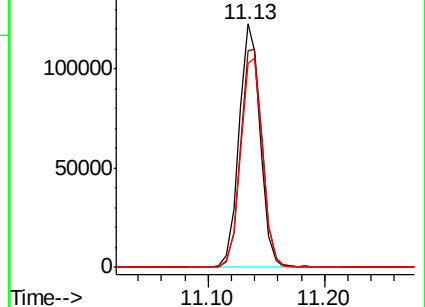
176 89.1 0.0 184.0



Abundance Ion 94.90 (94.60 to 95.60): VX010346.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX010346.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX010346.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010679.D

Acq: 04 Jul 2019 09:48

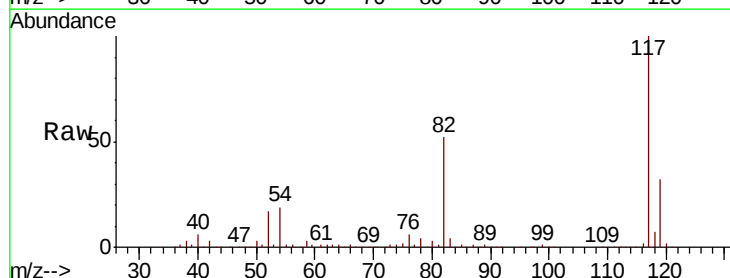
Tgt Ion: 117 Resp: 345973

Ion Ratio Lower Upper

117 100

82 52.0 41.2 61.8

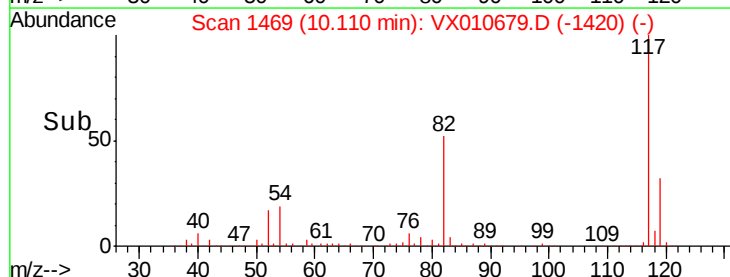
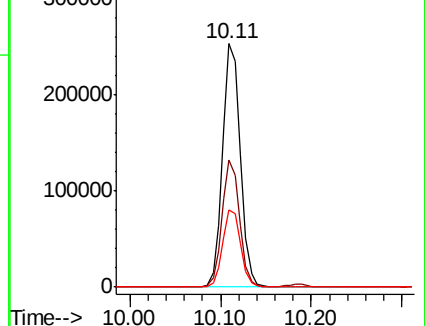
119 32.0 25.5 38.3

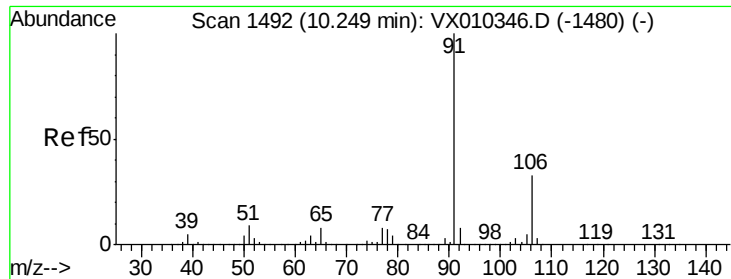


Abundance Ion 116.90 (116.60 to 117.60): VX010346.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX010346.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX010346.D (-1462) (-)

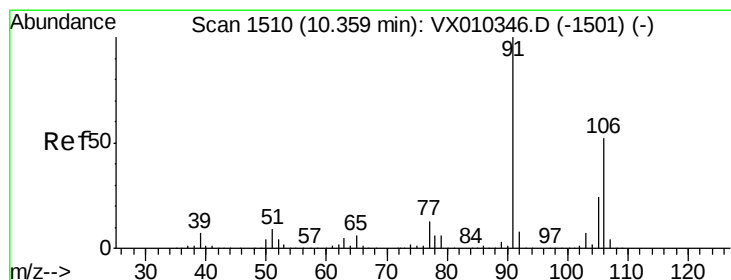
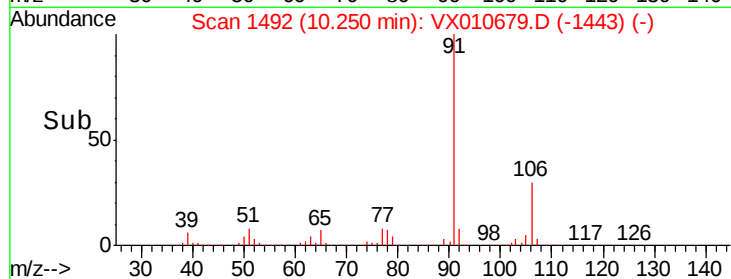
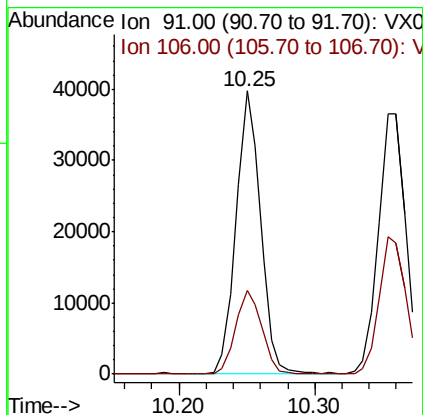
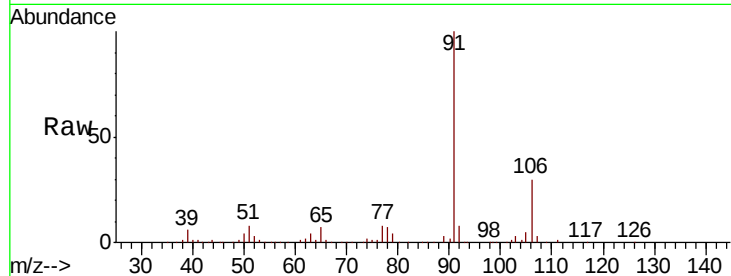




#67
Ethyl Benzene
Concen: 4.228 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010679.D
Acq: 04 Jul 2019 09:48

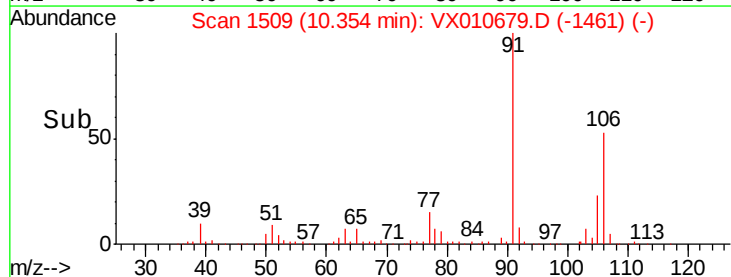
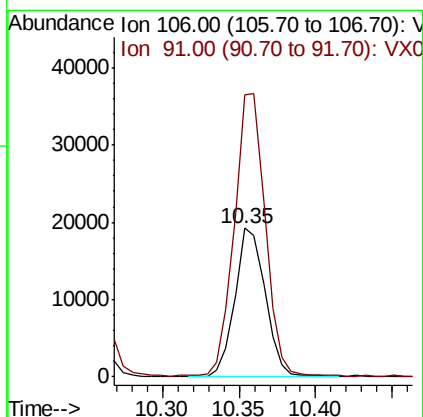
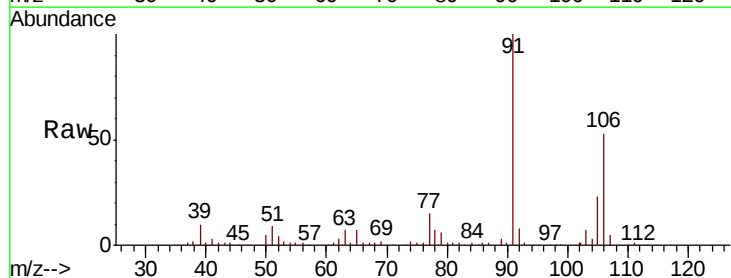
Instrument :
MSVOA_X
ClientSampleID :
FL-0586

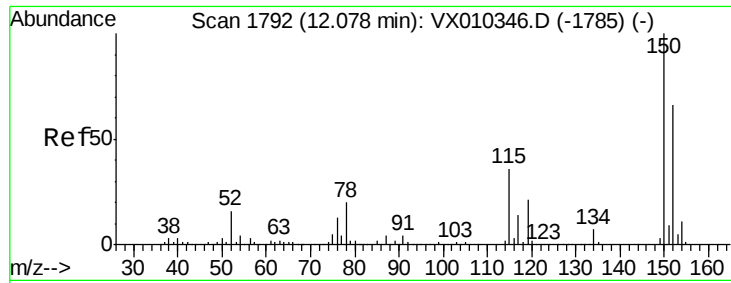
Tot Ion: 91 Resp: 50131
Ion Ratio Lower Upper
91 100
106 29.7 26.2 39.2



#68
m/p-Xylenes
Concen: 5.741 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX010679.D
Acq: 04 Jul 2019 09:48

Tgt Ion: 106 Resp: 26379
Ion Ratio Lower Upper
106 100
91 194.3 155.3 232.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010679.D

Acq: 04 Jul 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

FL-0586

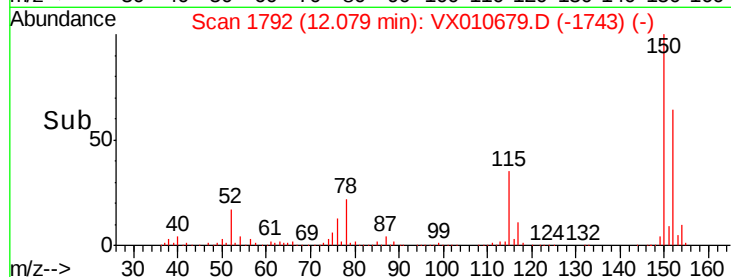
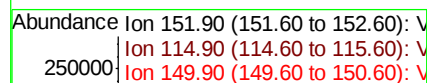
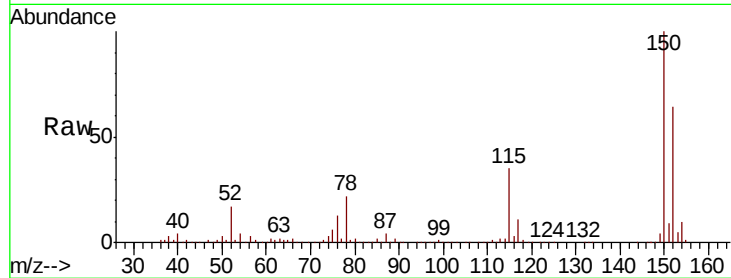
Tot Ion:152 Resp: 160674

Ion Ratio Lower Upper

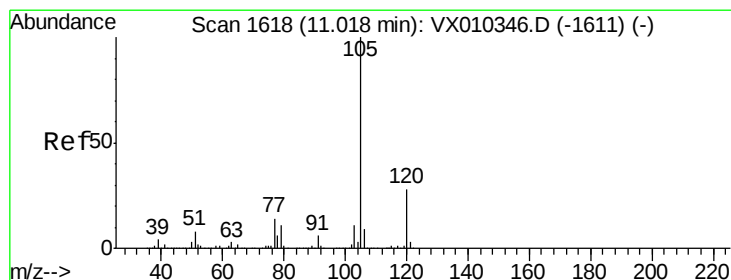
152 100

115 55.5 38.6 115.7

150 156.6 0.0 347.4



Time-->



#73

Isopropylbenzene

Concen: 2.709 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010679.D

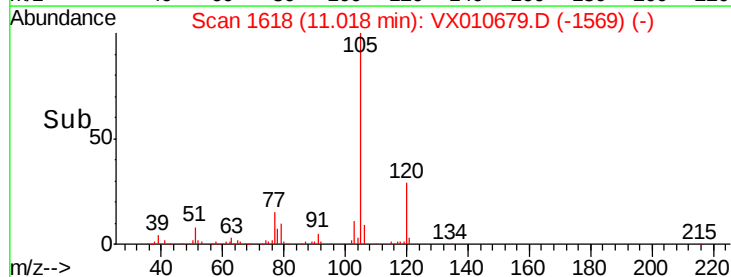
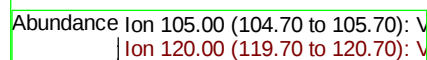
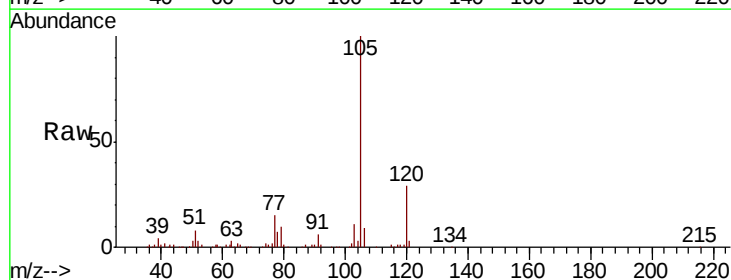
Acq: 04 Jul 2019 09:48

Tgt Ion:105 Resp: 29506

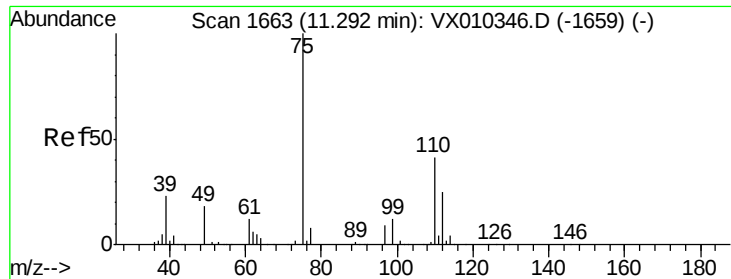
Ion Ratio Lower Upper

105 100

120 27.2 14.1 42.4



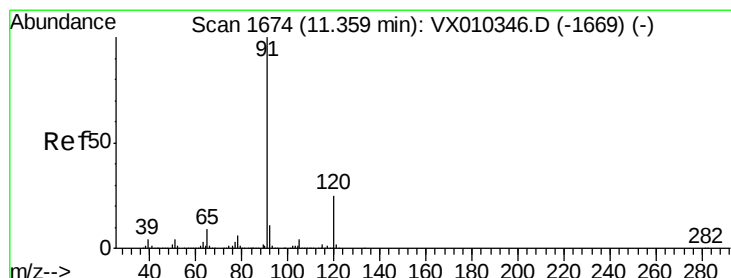
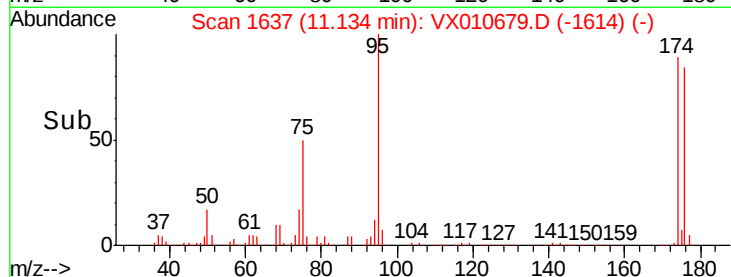
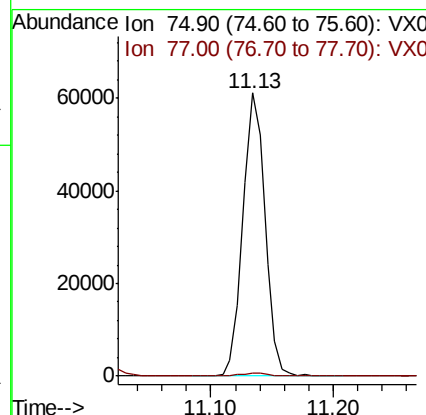
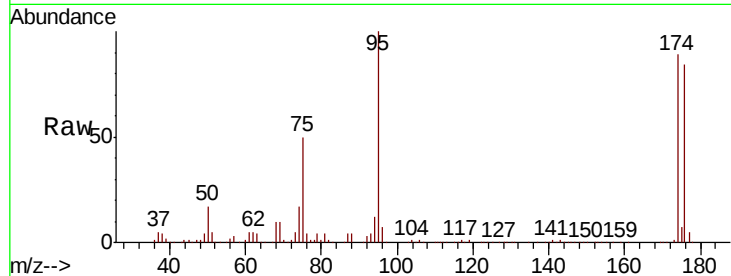
Time-->



#76
 1,2,3-Trichloropropane
 Concen: 26.103 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX010679.D
 Acq: 04 Jul 2019 09:48

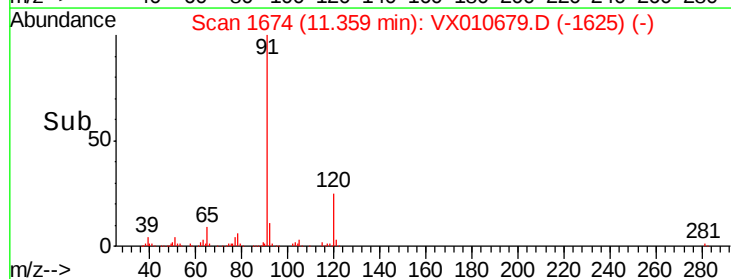
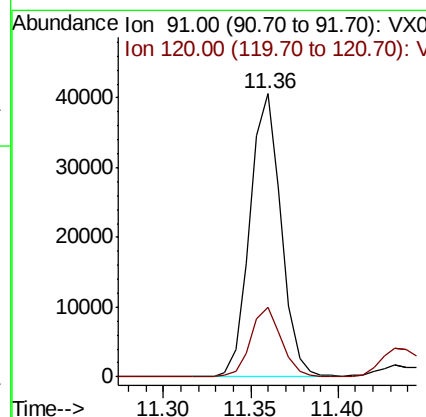
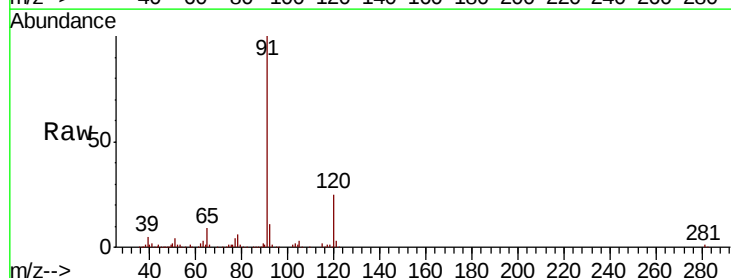
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0586

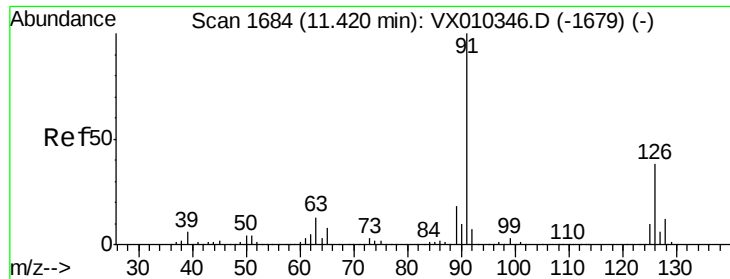
Tot Ion: 75 Resp: 76426
 Ion Ratio Lower Upper
 75 100
 77 1.3 22.6 67.8#



#78
 n-propylbenzene
 Concen: 4.204 ug/l
 RT: 11.36 min Scan# 1674
 Delta R.T. 0.00 min
 Lab File: VX010679.D
 Acq: 04 Jul 2019 09:48

Tgt Ion: 91 Resp: 50328
 Ion Ratio Lower Upper
 91 100
 120 24.3 12.4 37.4

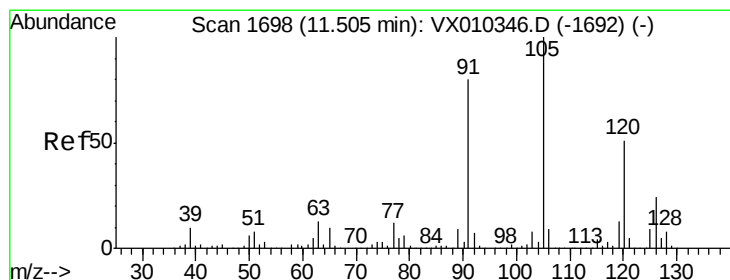
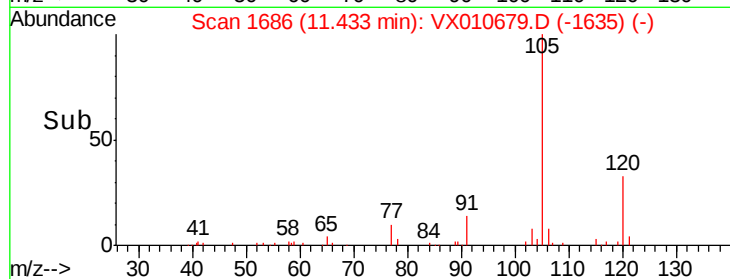
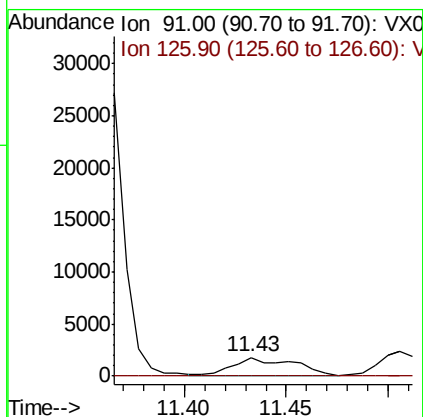
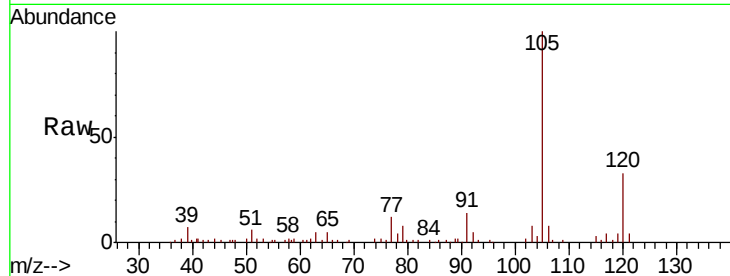




#79
 2-Chlorotoluene
 Concen: 0.529 ug/l
 RT: 11.43 min Scan# 1686
 Delta R.T. 0.01 min
 Lab File: VX010679.D
 Acq: 04 Jul 2019 09:48

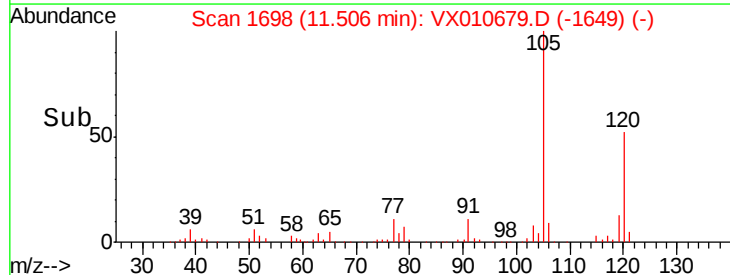
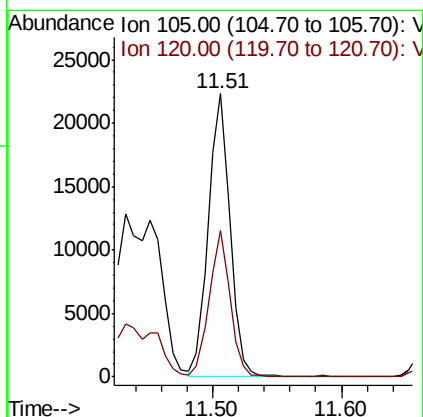
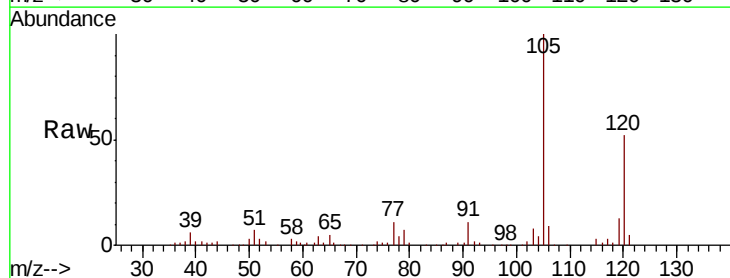
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0586

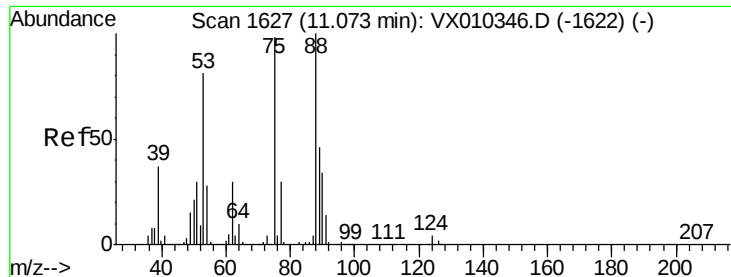
Tot Ion: 91 Resp: 3768
 Ion Ratio Lower Upper
 91 100
 126 0.0 18.7 56.1#



#80
 1,3,5-Trimethylbenzene
 Concen: 2.952 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010679.D
 Acq: 04 Jul 2019 09:48

Tgt Ion: 105 Resp: 26504
 Ion Ratio Lower Upper
 105 100
 120 49.6 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 60.895 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010679.D

Acq: 04 Jul 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

FL-0586

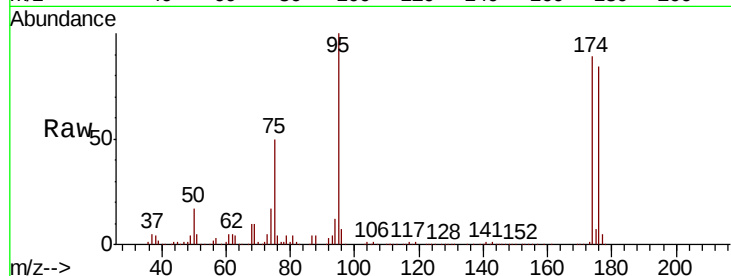
Tot Ion: 75 Resp: 76426

Ion Ratio Lower Upper

75 100

53 0.2 66.1 99.1#

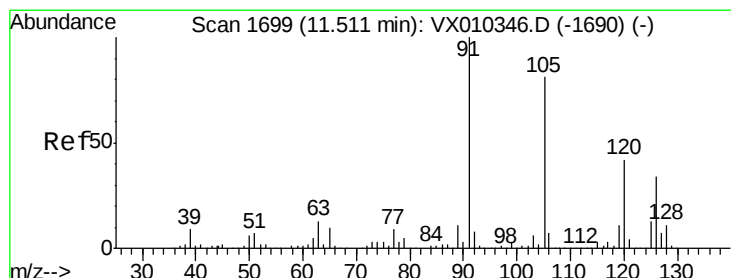
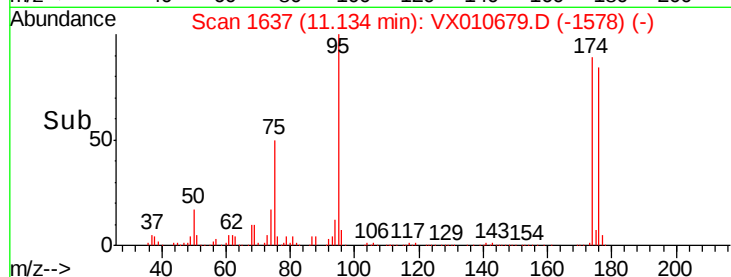
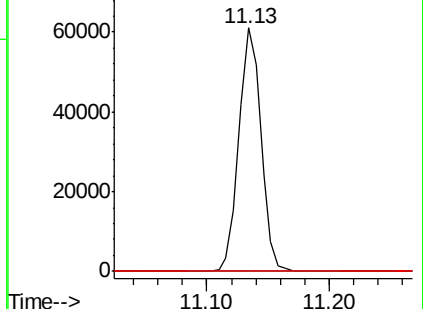
89 0.0 37.8 56.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 0.393 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX010679.D

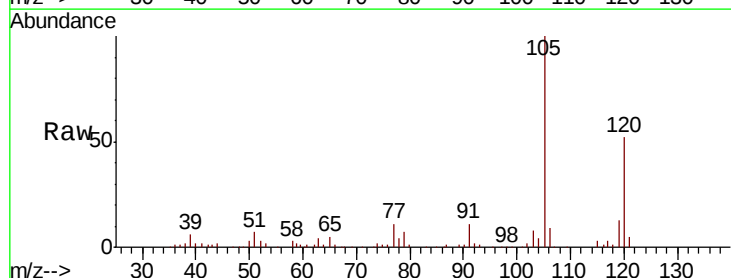
Acq: 04 Jul 2019 09:48

Tgt Ion: 91 Resp: 3189

Ion Ratio Lower Upper

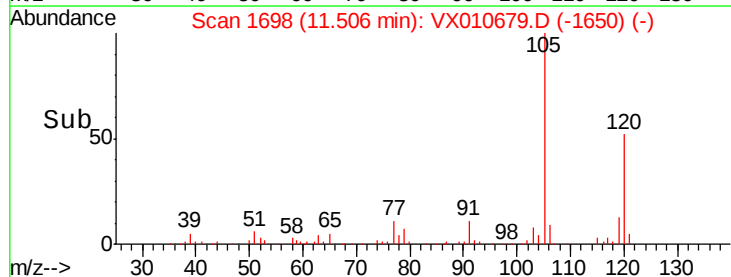
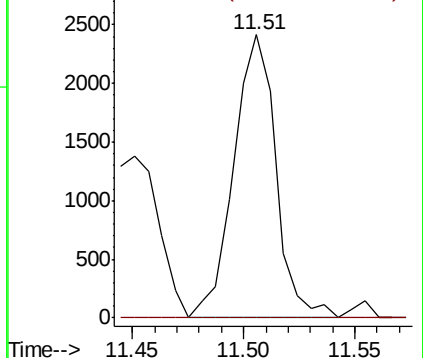
91 100

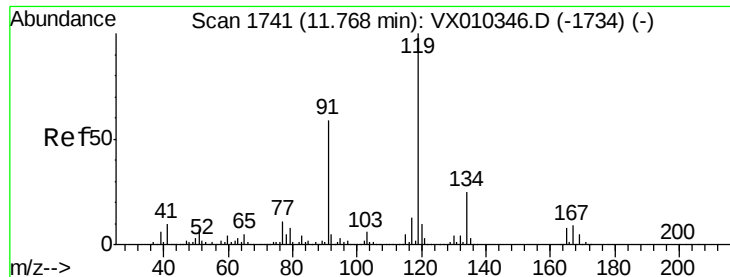
126 0.0 16.2 48.6#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 0.265 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX010679.D

Acq: 04 Jul 2019 09:48

Instrument :

MSVOA_X

ClientSampled :

FL-0586

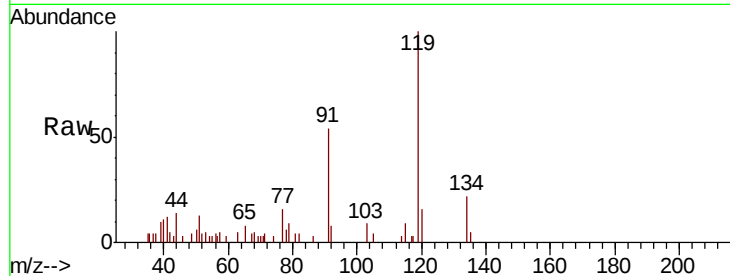
Tot Ion:119 Resp: 2388

Ion Ratio Lower Upper

119 100

91 62.9 27.6 82.7

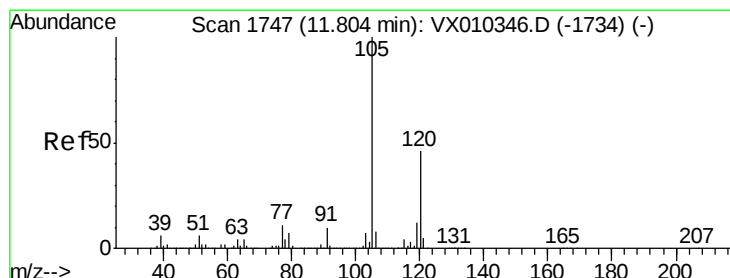
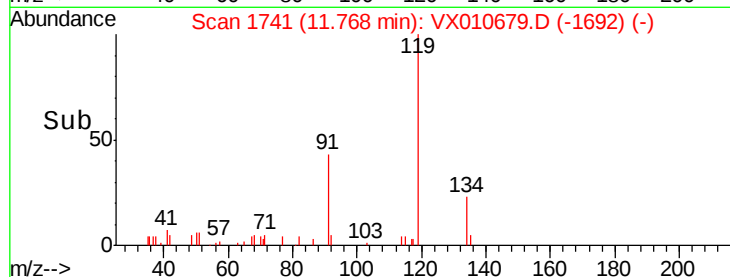
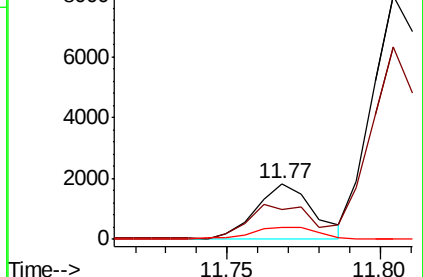
134 25.4 11.8 35.4



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: 8.067 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010679.D

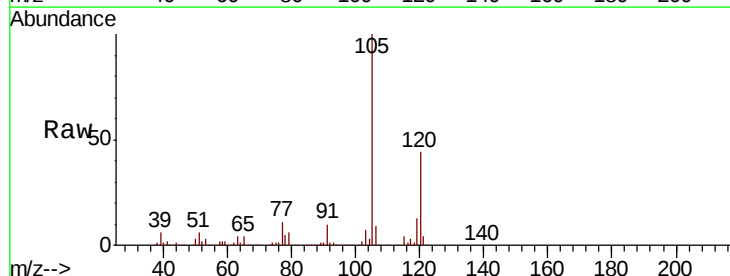
Acq: 04 Jul 2019 09:48

Tgt Ion:105 Resp: 72771

Ion Ratio Lower Upper

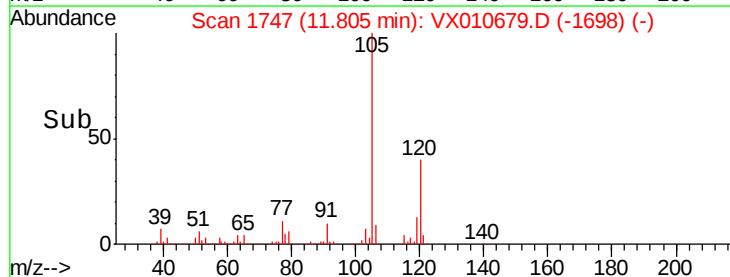
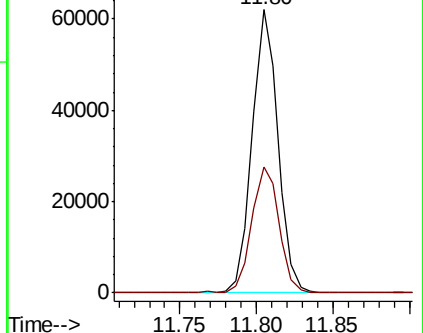
105 100

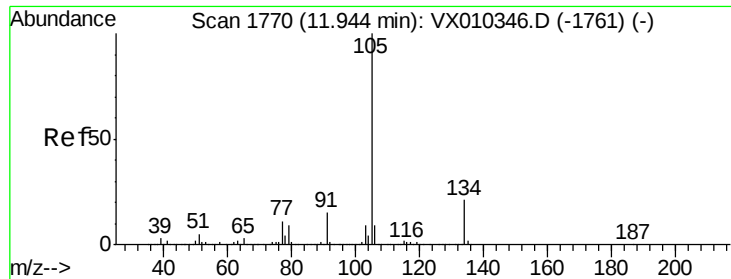
120 47.7 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 2.438 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010679.D

Acq: 04 Jul 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

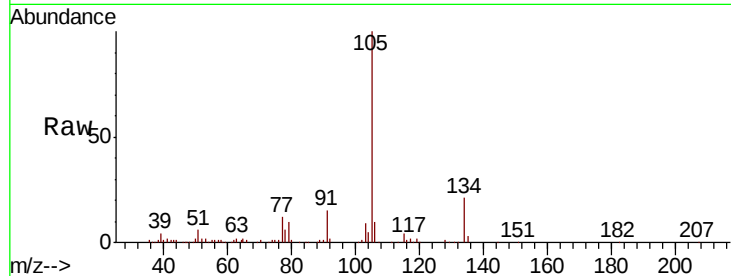
FL-0586

Tot Ion:105 Resp: 25802

Ion Ratio Lower Upper

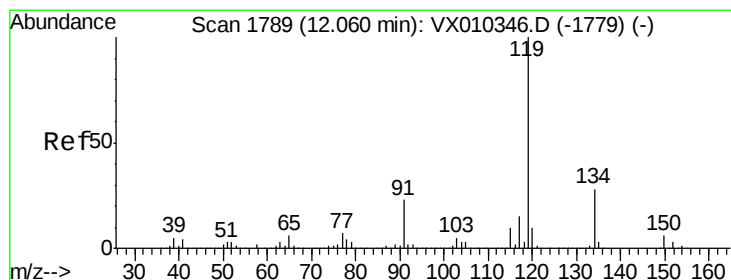
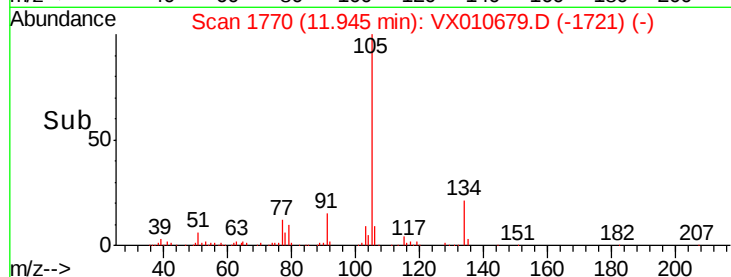
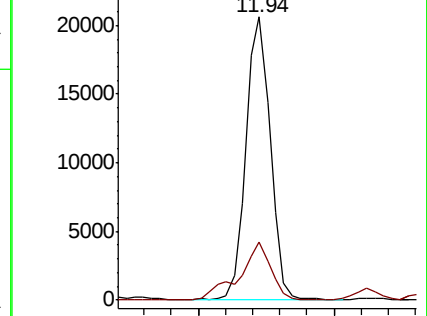
105 100

134 26.4 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.335 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.04 min

Lab File: VX010679.D

Acq: 04 Jul 2019 09:48

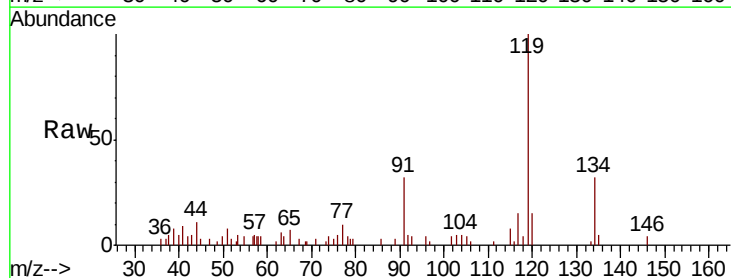
Tgt Ion:119 Resp: 3279

Ion Ratio Lower Upper

119 100

134 32.9 13.7 41.1

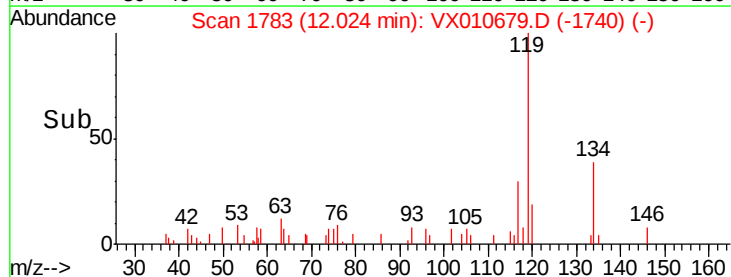
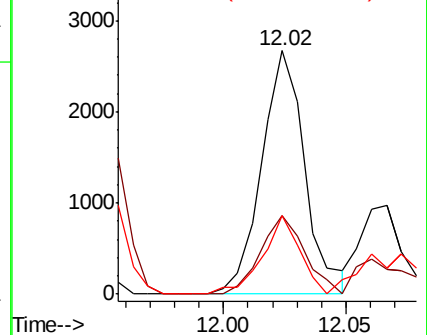
91 27.7 11.3 33.8

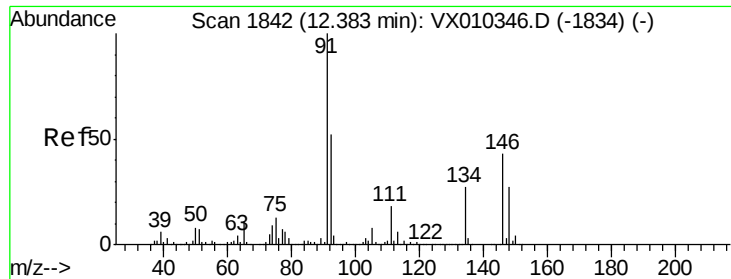


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

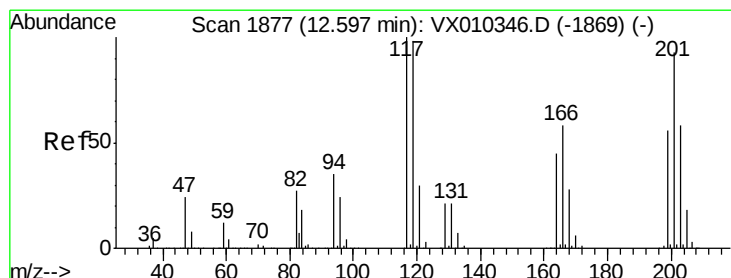
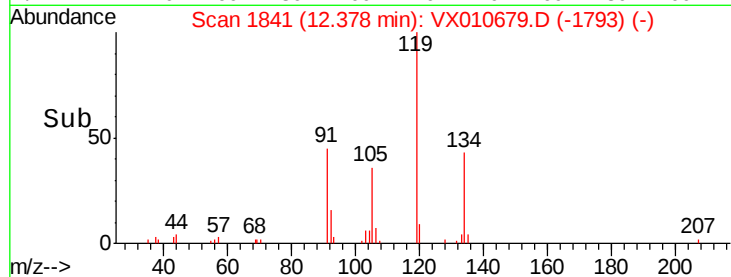
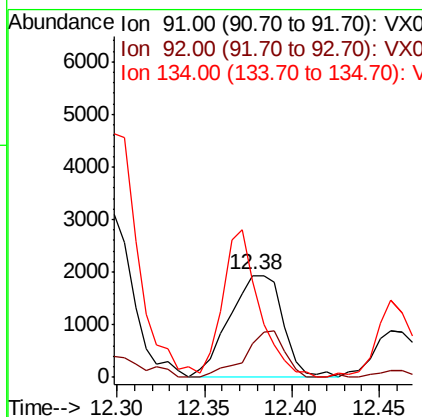
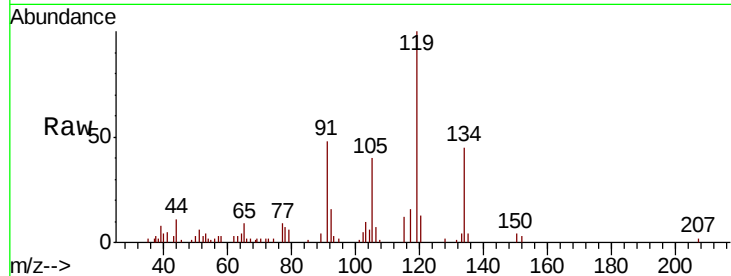




#89
n-Butylbenzene
Concen: 0.497 ug/l
RT: 12.38 min Scan# 1841
Delta R.T. -0.01 min
Lab File: VX010679.D
Acq: 04 Jul 2019 09:48

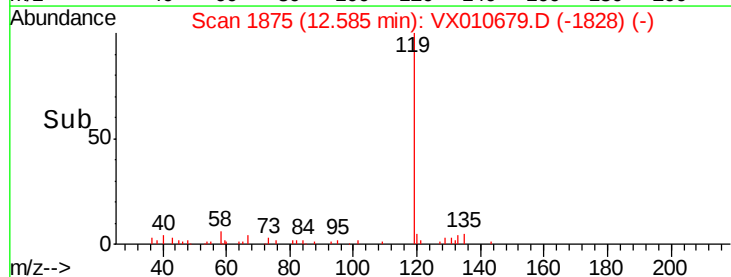
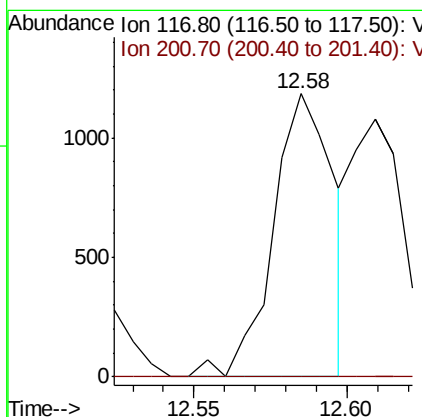
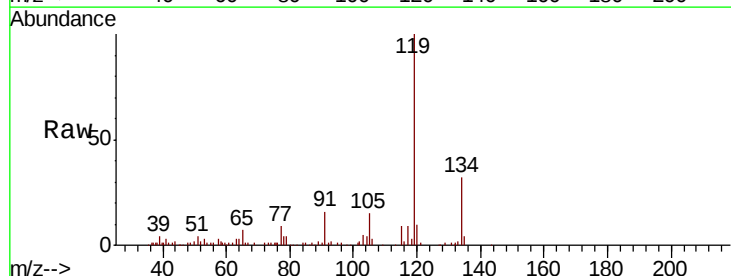
Instrument :
MSVOA_X
ClientSampled :
FL-0586

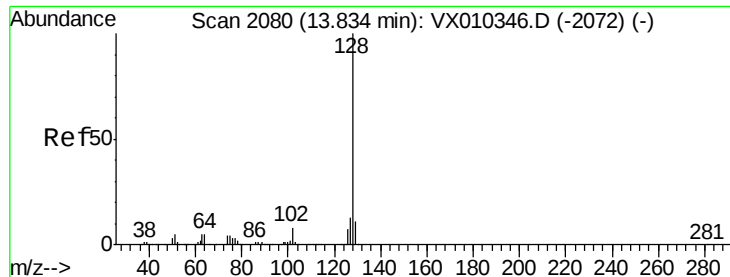
Tot Ion: 91 Resp: 4137
Ion Ratio Lower Upper
91 100
92 33.4 26.2 78.5
134 98.1 14.1 42.4#



#90
Hexachloroethane
Concen: 0.961 ug/l
RT: 12.58 min Scan# 1875
Delta R.T. -0.01 min
Lab File: VX010679.D
Acq: 04 Jul 2019 09:48

Tgt Ion: 117 Resp: 1627
Ion Ratio Lower Upper
117 100
201 0.0 44.0 131.8#





#95
Naphthalene
Concen: 0.653 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010679.D
Acq: 04 Jul 2019 09:48

Instrument :
MSVOA_X
ClientSampleId :
FL-0586

Tot Ion	Ratio	Lower	Upper
128	100		
127	15.2	10.2	15.4
129	15.9	8.9	13.3

