

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071519\
 Data File : VX010886.D
 Acq On : 15 Jul 2019 15:51
 Operator : JC/SP
 Sample : K3786-01DL 4X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0581DL

Quant Time: Jul 16 01:59:59 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	5.66	168	230487	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	360166	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	332977	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	162269	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	120162	55.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.20%	
35) Dibromofluoromethane	5.50	113	112281	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	
50) Toluene-d8	8.71	98	431022	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	
62) 4-Bromofluorobenzene	11.13	95	156787	51.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.02%	

Target Compounds

						Qvalue
3) Chloromethane	1.33	50	694	0.372	ug/l #	77
5) Bromomethane	1.65	94	537	0.539	ug/l	87
6) Chloroethane	1.74	64	4058	3.366	ug/l #	44
10) Methyl Iodide	2.52	142	817	0.292	ug/l #	86
11) Tert butyl alcohol	3.02	59	534	0.944	ug/l #	74
13) Acrolein	2.29	56	193	0.514	ug/l	100
15) Acrylonitrile	3.17	53	1465	1.309	ug/l #	43
16) Acetone	2.44	43	1290	1.191	ug/l	90
17) Carbon Disulfide	2.57	76	1344	0.251	ug/l #	64
18) Methyl Acetate	2.85	43	7970	3.692	ug/l #	48
20) Methylene Chloride	2.86	84	608	0.273	ug/l #	56
31) Cyclohexane	5.57	56	55856	17.894	ug/l	91
36) 1,1-Dichloropropene	5.66	75	15455	5.400	ug/l #	47
38) Carbon Tetrachloride	5.66	117	21574	6.961	ug/l #	14
39) Methylcyclohexane	7.46	83	57372	15.250	ug/l	95
40) Benzene	6.14	78	8972	1.006	ug/l	96
41) Methacrylonitrile	5.04	41	343	0.212	ug/l #	38
48) Methyl methacrylate	7.73	41	2835	1.252	ug/l #	56
49) 1,4-Dioxane	7.72	88	23	0.353	ug/l #	1
55) 1,1,2-Trichloroethane	9.16	97	3082	1.273	ug/l #	21
56) Ethyl methacrylate	9.16	69	842	0.230	ug/l #	1
67) Ethyl Benzene	10.25	91	302874	26.539	ug/l	98
68) m/p-Xylenes	10.35	106	295738	66.878	ug/l	96
69) o-Xylene	10.69	106	5744	1.321	ug/l	97
73) Isopropylbenzene	11.02	105	30992	2.817	ug/l	98
76) 1,2,3-Trichloropropane	11.13	75	76163	25.757	ug/l #	33
78) n-propylbenzene	11.36	91	39200	3.243	ug/l	97
79) 2-Chlorotoluene	11.43	91	29619	4.114	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.51	105	84554	9.324	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.13	75	76163	60.089	ug/l #	16
82) 4-Chlorotoluene	11.51	91	9543	1.165	ug/l #	48
84) 1,2,4-Trimethylbenzene	11.80	105	320544	35.184	ug/l	99
85) sec-Butylbenzene	11.80	105	320544	29.996	ug/l #	55
86) p-Isopropyltoluene	12.06	119	10696	1.082	ug/l	96

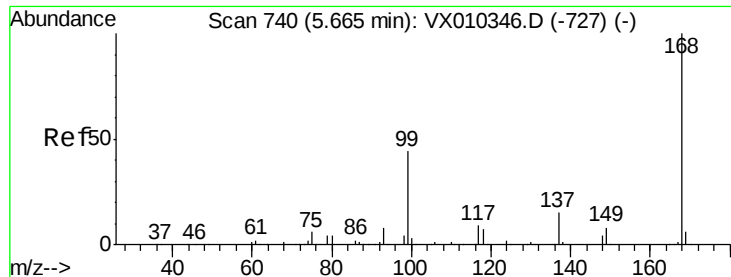
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071519\
Data File : VX010886.D
Acq On : 15 Jul 2019 15:51
Operator : JC/SP
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Quant Time: Jul 16 01:59:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	12.37	91	7969	0.949	ug/l #	6
90) Hexachloroethane	12.58	117	2485	1.454	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	13.01	75	316	0.402	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.65	180	954	0.258	ug/l #	64
95) Naphthalene	13.83	128	72277	6.365	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	818	0.223	ug/l #	56

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010886.D

Acq: 15 Jul 2019 15:51

Instrument :

MSVOA_X

ClientSampleId :

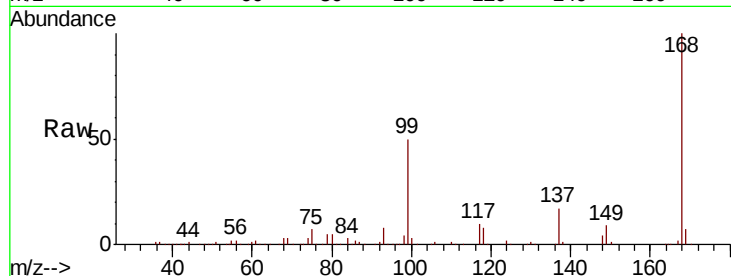
FL-0581DL

Tot Ion:168 Resp: 230487

Ion Ratio Lower Upper

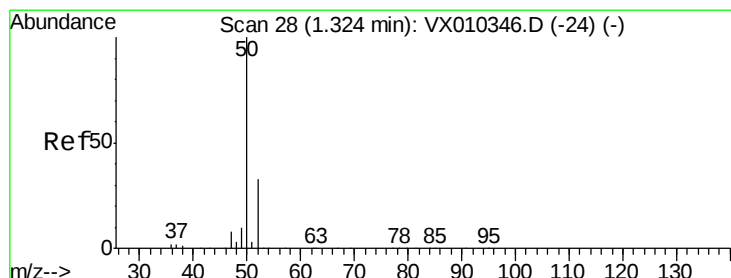
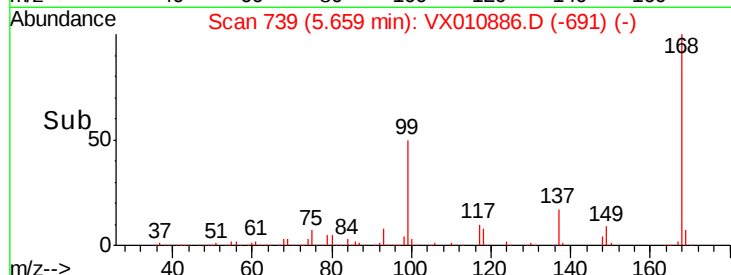
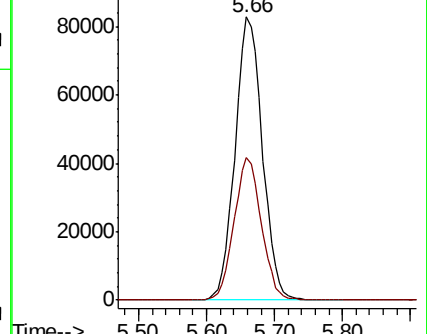
168 100

99 50.2 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: 0.372 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010886.D

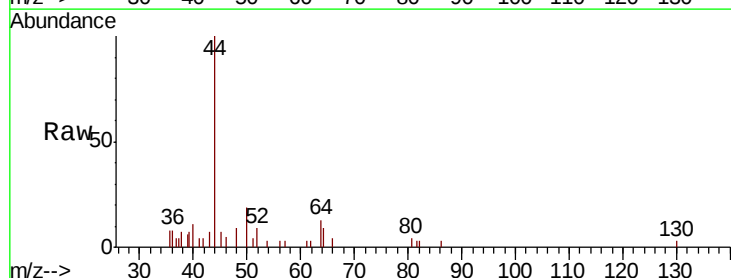
Acq: 15 Jul 2019 15:51

Tgt Ion: 50 Resp: 694

Ion Ratio Lower Upper

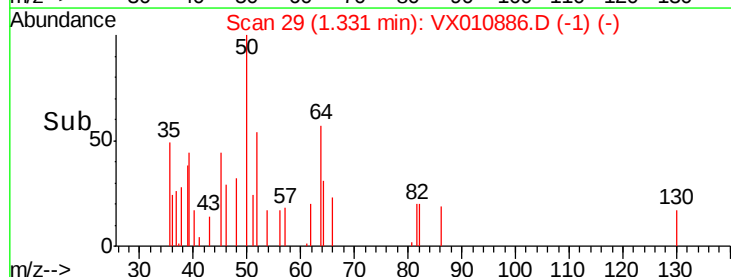
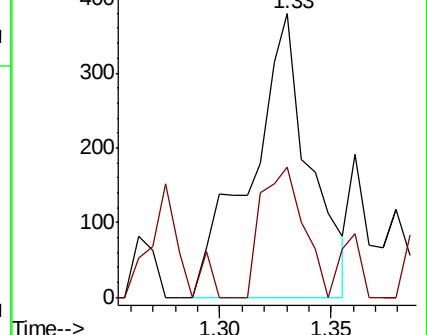
50 100

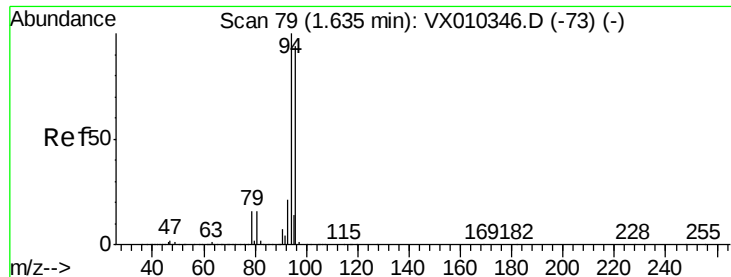
52 45.9 26.5 39.7#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: 0.539 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX010886.D

Acq: 15 Jul 2019 15:51

Instrument :

MSVOA_X

ClientSampled :

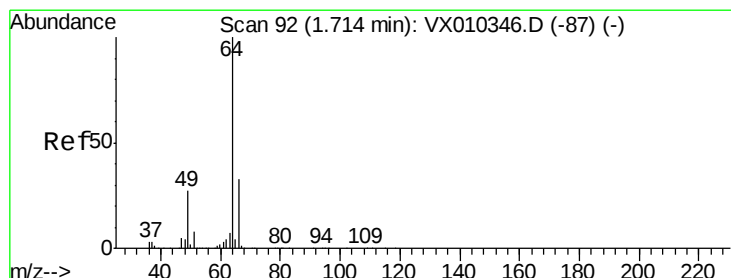
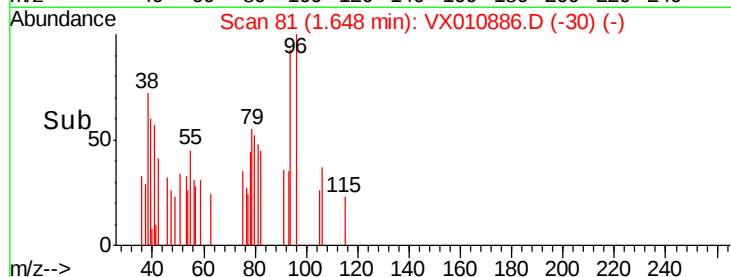
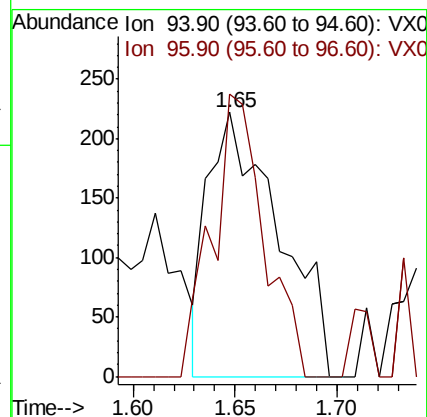
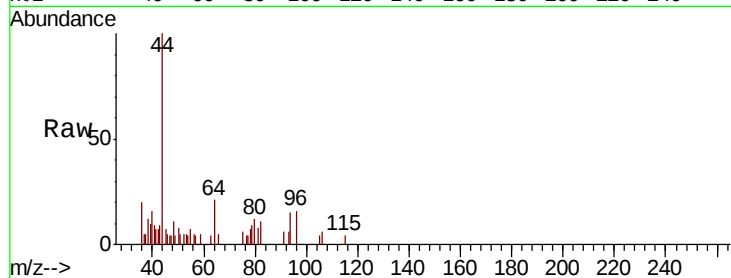
FL-0581DL

Tot Ion: 94 Resp: 537

Ion Ratio Lower Upper

94 100

96 107.2 75.5 113.3



#6

Chloroethane

Concen: 3.366 ug/l

RT: 1.74 min Scan# 96

Delta R.T. 0.02 min

Lab File: VX010886.D

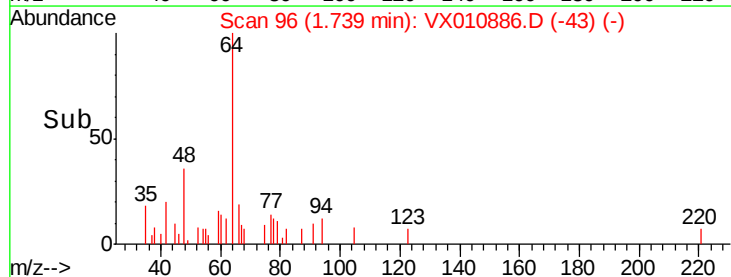
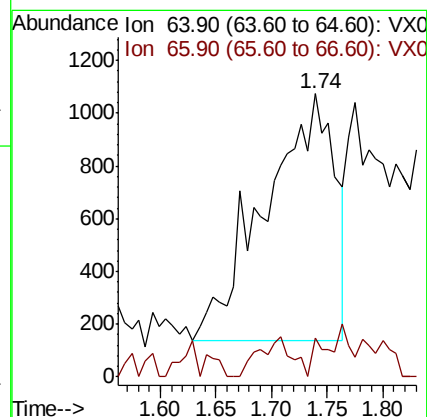
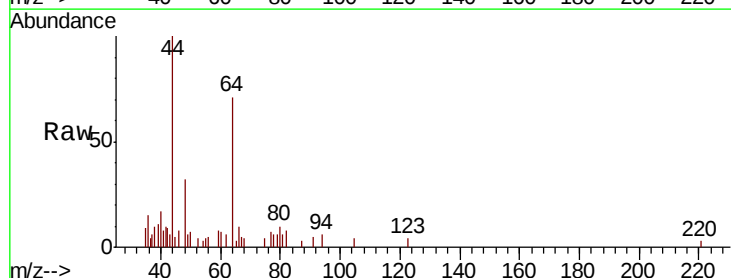
Acq: 15 Jul 2019 15:51

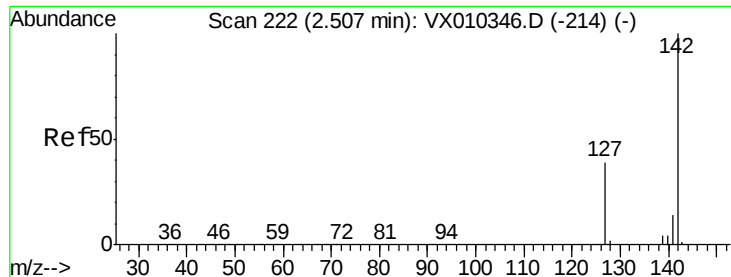
Tgt Ion: 64 Resp: 4058

Ion Ratio Lower Upper

64 100

66 1.4 26.6 40.0#

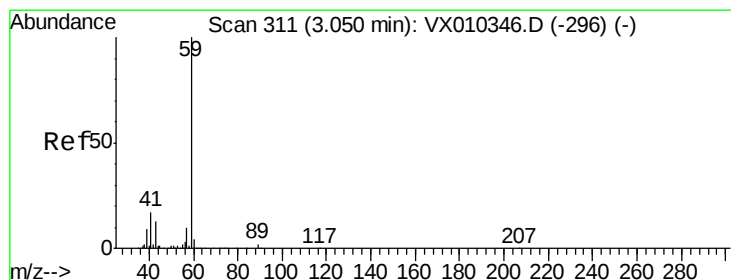
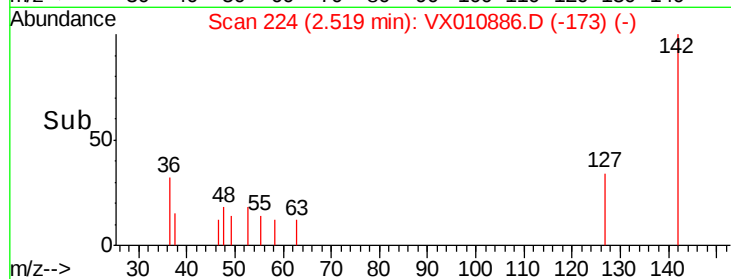
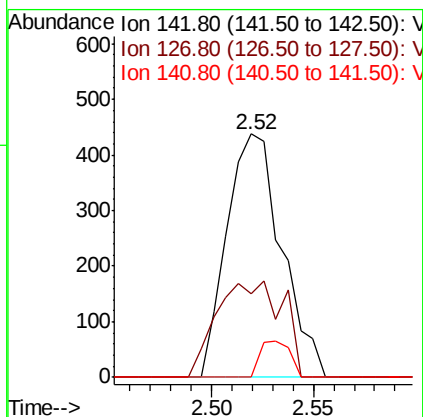
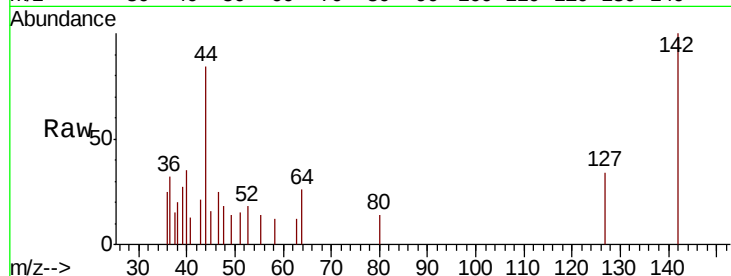




#10
Methvl Iodide
Concen: 0.292 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.01 min
Lab File: VX010886.D
Acq: 15 Jul 2019 15:51

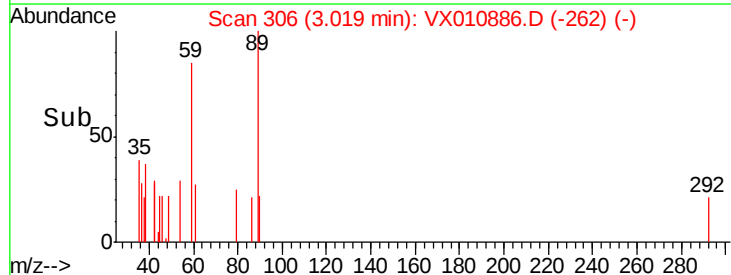
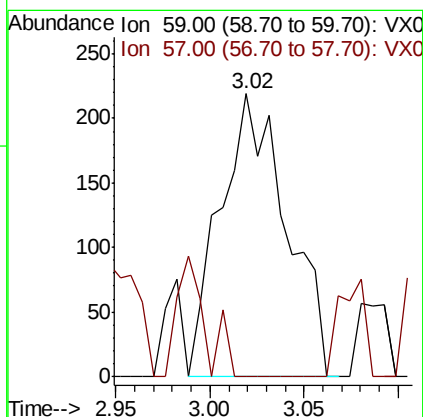
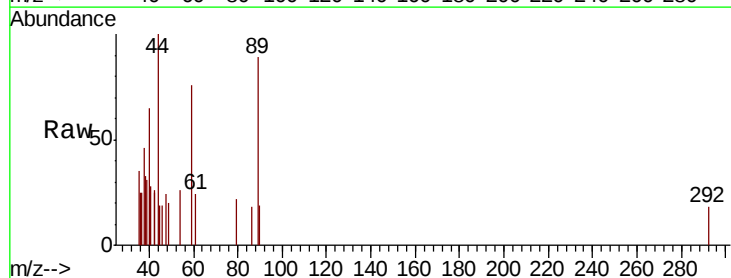
Instrument :
MSVOA_X
ClientSampleId :
FL-0581DL

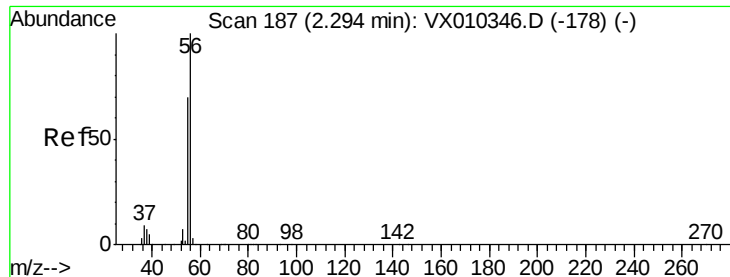
Tot Ion:142 Resp: 817
Ion Ratio Lower Upper
142 100
127 47.5 31.1 46.7#
141 8.1 11.2 16.8#



#11
Tert butyl alcohol
Concen: 0.944 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.03 min
Lab File: VX010886.D
Acq: 15 Jul 2019 15:51

Tgt Ion: 59 Resp: 534
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#





#13

Acrolein

Concen: 0.514 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010886.D

Acq: 15 Jul 2019 15:51

Instrument :

MSVOA_X

ClientSampled :

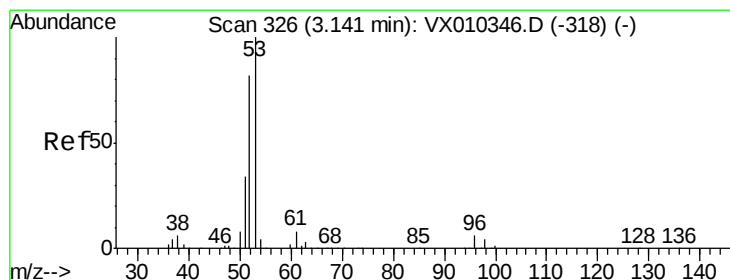
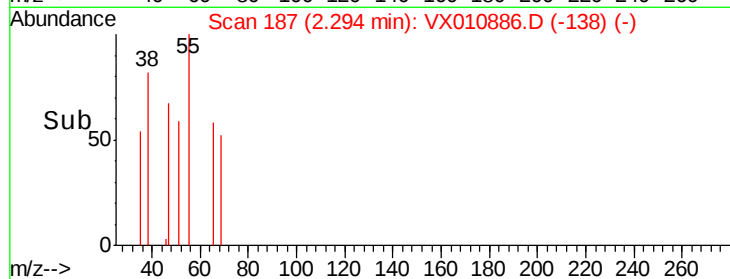
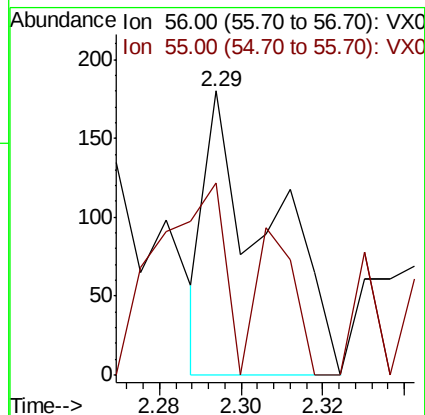
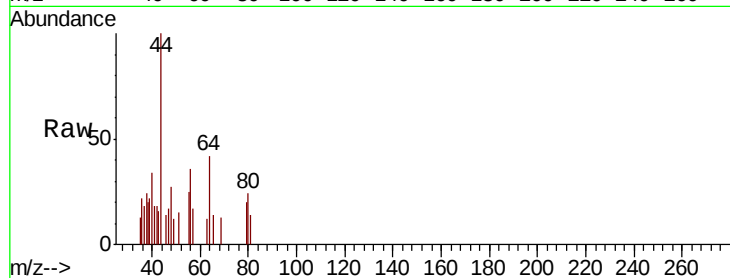
FL-0581DL

Tot Ion: 56 Resp: 193

Ion Ratio Lower Upper

56 100

55 71.5 56.9 85.3



#15

Acrylonitrile

Concen: 1.309 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.02 min

Lab File: VX010886.D

Acq: 15 Jul 2019 15:51

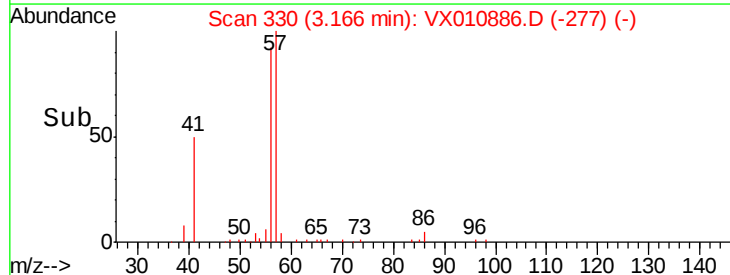
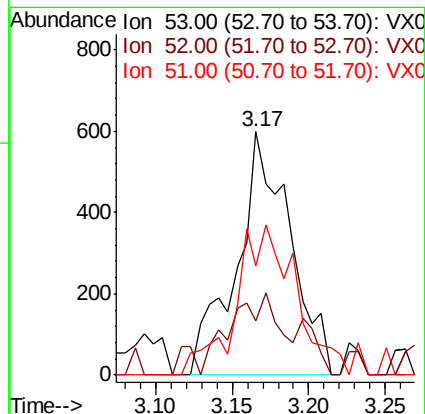
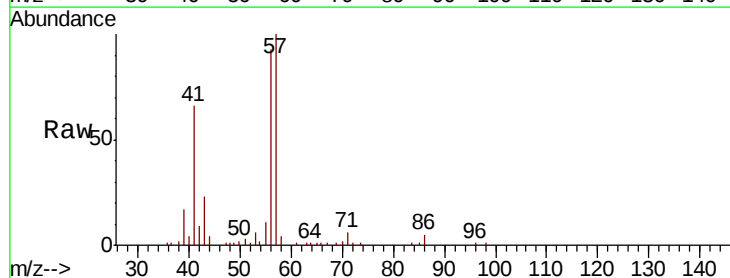
Tgt Ion: 53 Resp: 1465

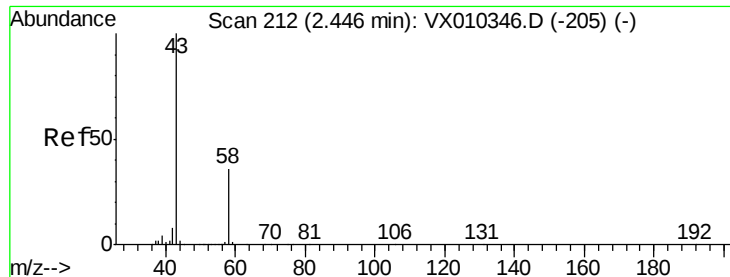
Ion Ratio Lower Upper

53 100

52 31.5 65.5 98.3#

51 68.4 28.2 42.4#





#16

Acetone

Concen: 1.191 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010886.D

Acq: 15 Jul 2019 15:51

Instrument :

MSVOA_X

ClientSampled :

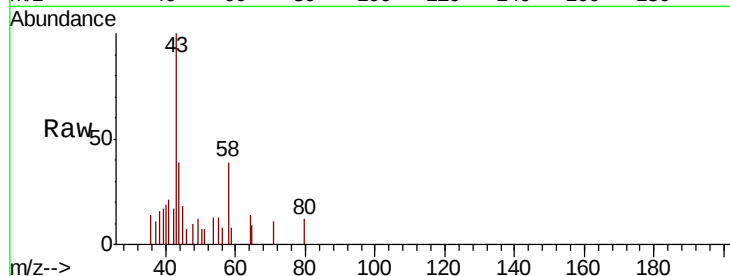
FL-0581DL

Tot Ion: 43 Resp: 1290

Ion Ratio Lower Upper

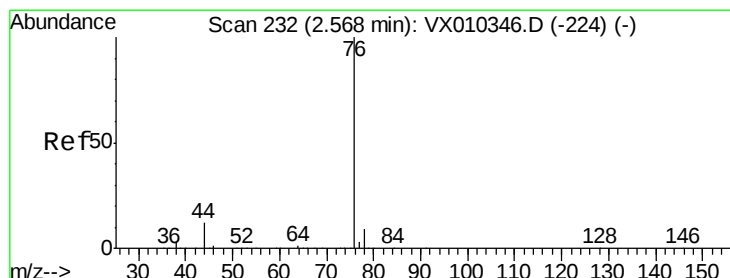
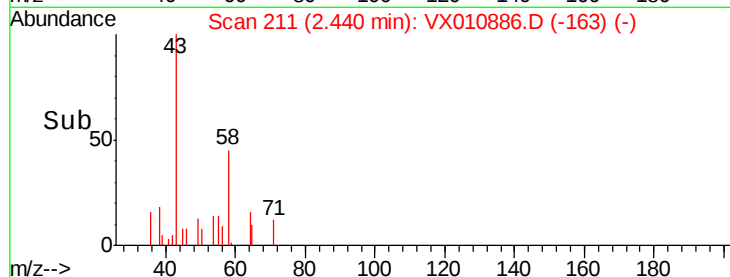
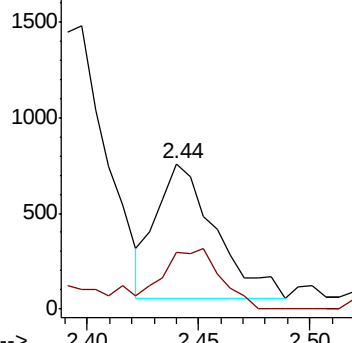
43 100

58 42.1 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 0.251 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX010886.D

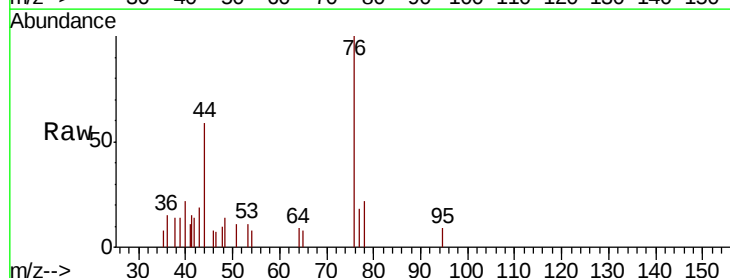
Acq: 15 Jul 2019 15:51

Tgt Ion: 76 Resp: 1344

Ion Ratio Lower Upper

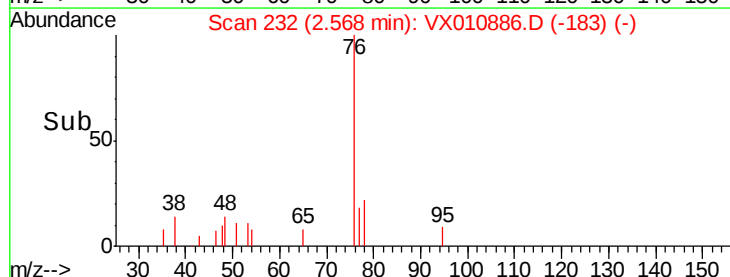
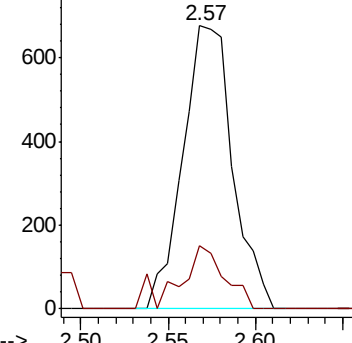
76 100

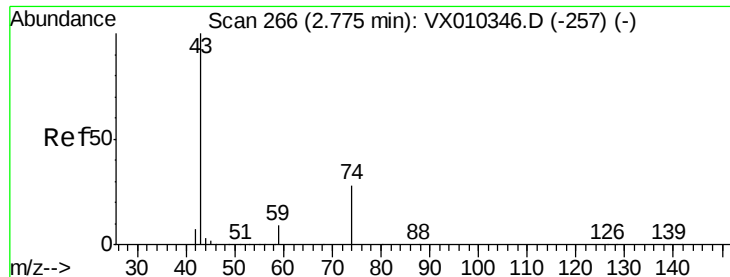
78 22.2 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

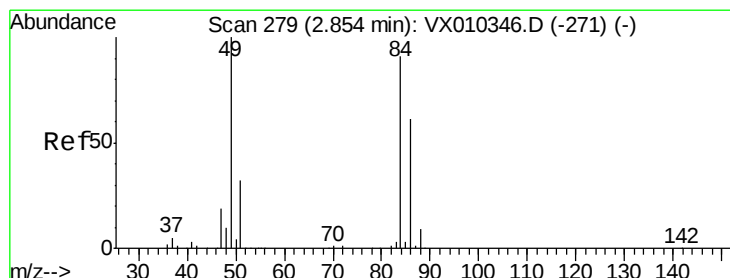
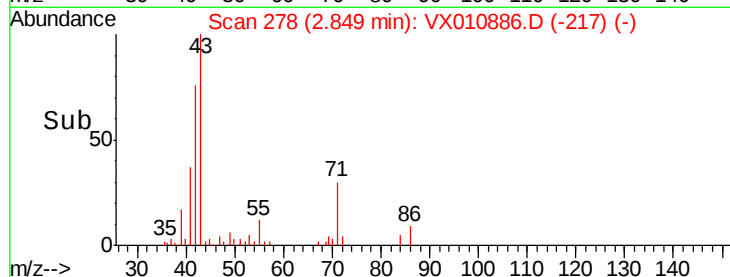
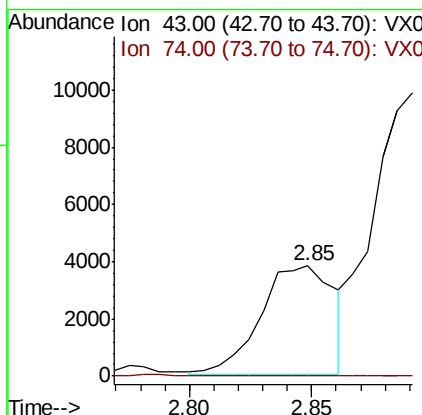
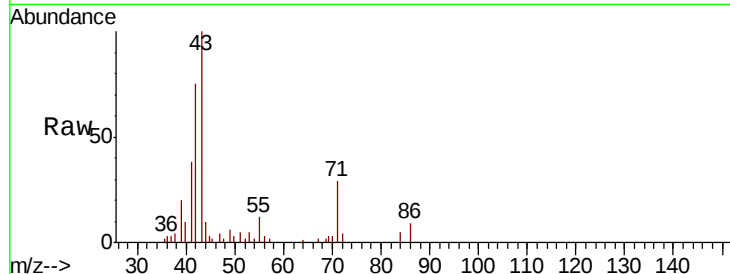




#18
Methyl Acetate
Concen: 3.692 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.07 min
Lab File: VX010886.D
Acq: 15 Jul 2019 15:51

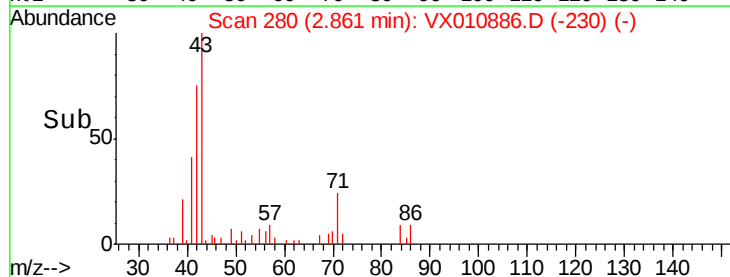
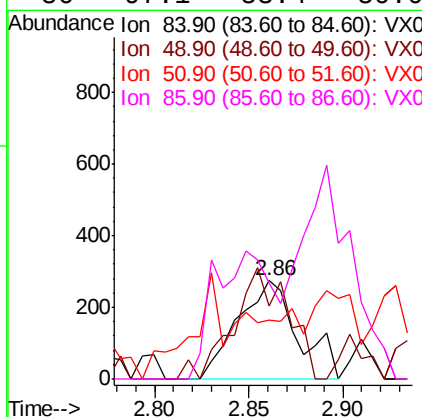
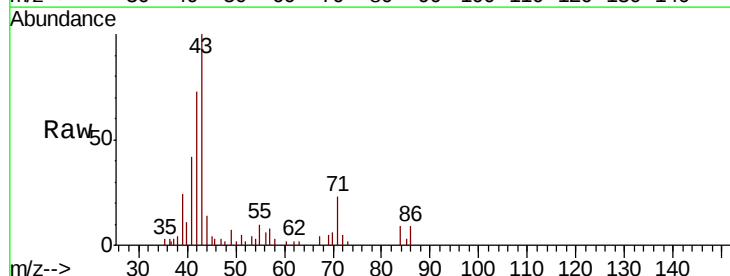
Instrument :
MSVOA_X
ClientSampled :
FL-0581DL

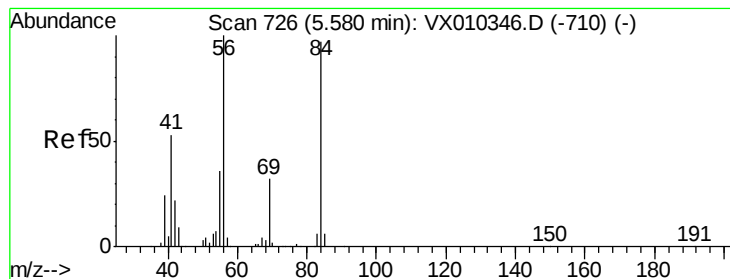
Tot Ion: 43 Resp: 7970
Ion Ratio Lower Upper
43 100
74 0.0 21.3 31.9#



#20
Methylene Chloride
Concen: 0.273 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX010886.D
Acq: 15 Jul 2019 15:51

Tgt Ion: 84 Resp: 608
Ion Ratio Lower Upper
84 100
49 54.9 87.5 131.3#
51 17.1 27.7 41.5#
86 97.1 53.4 80.0#





#31

Cyclohexane

Concen: 17.894 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX010886.D

Acq: 15 Jul 2019 15:51

Instrument :

MSVOA_X

ClientSampleId :

FL-0581DL

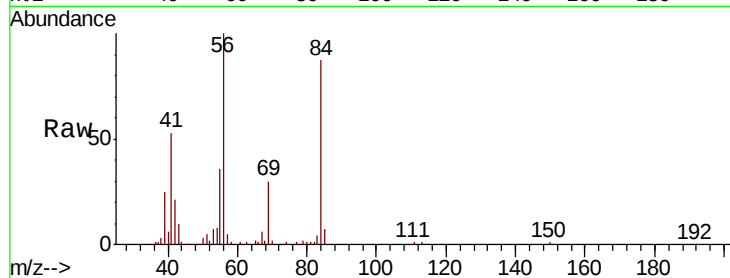
Tot Ion: 56 Resp: 55856

Ion Ratio Lower Upper

56 100

69 30.1 25.9 38.9

84 86.8 78.0 117.0

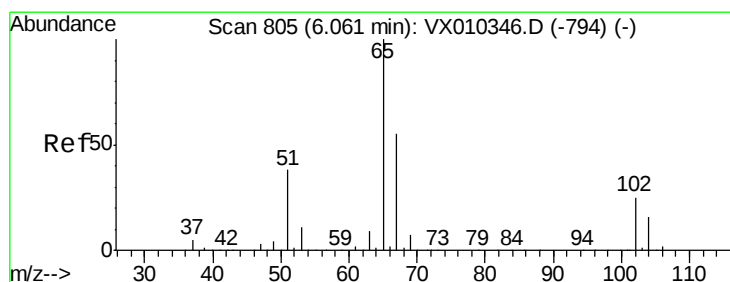
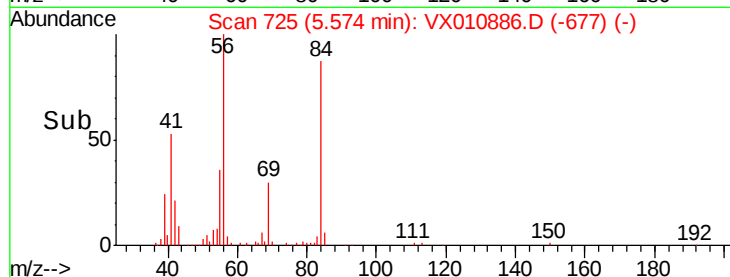
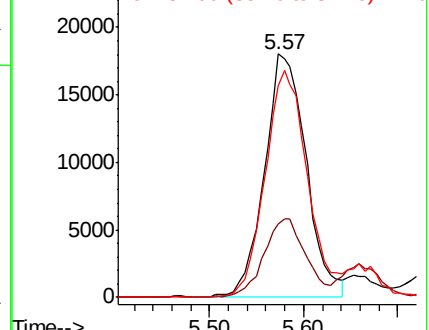


Abundance

Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 55.604 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010886.D

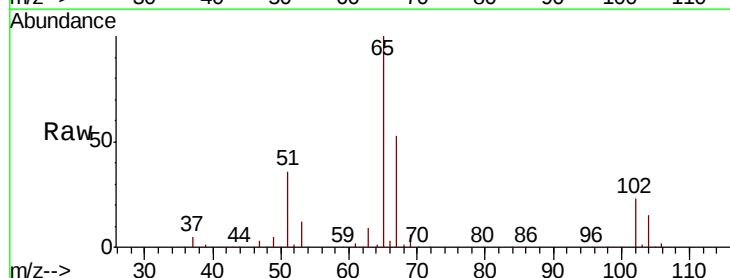
Acq: 15 Jul 2019 15:51

Tgt Ion: 65 Resp: 120162

Ion Ratio Lower Upper

65 100

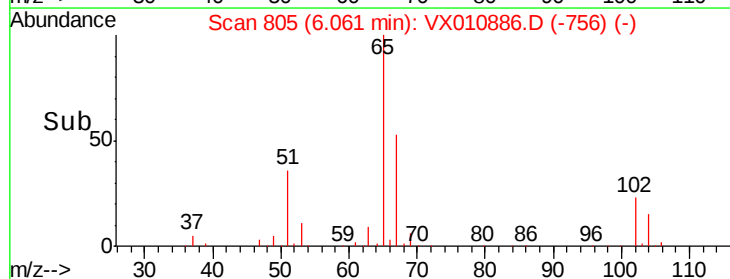
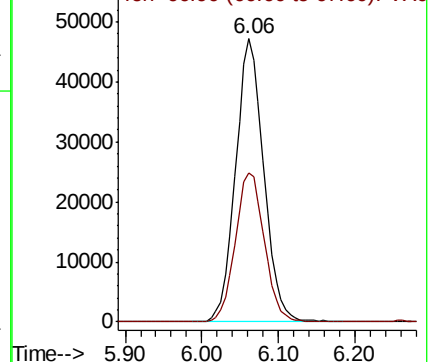
67 54.3 0.0 110.2

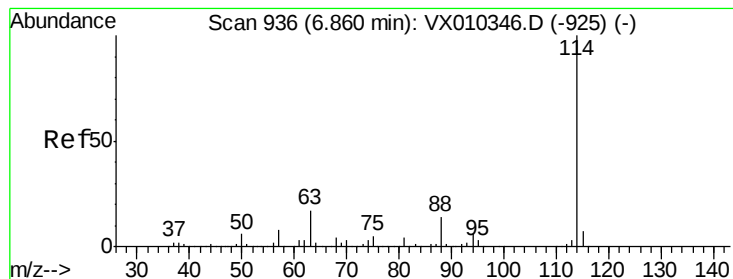


Abundance

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: VX010886.D

Acq: 15 Jul 2019 15:51

Instrument :

MSVOA_X

ClientSampleId :

FL-0581DL

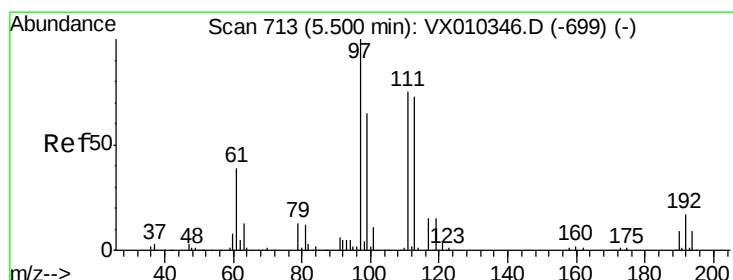
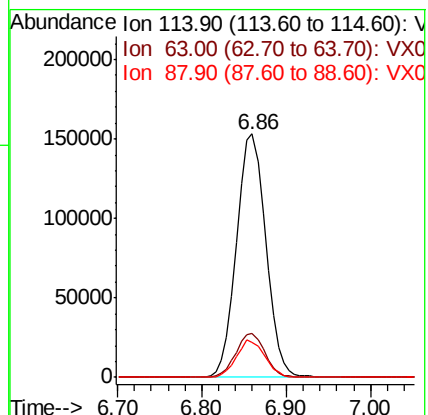
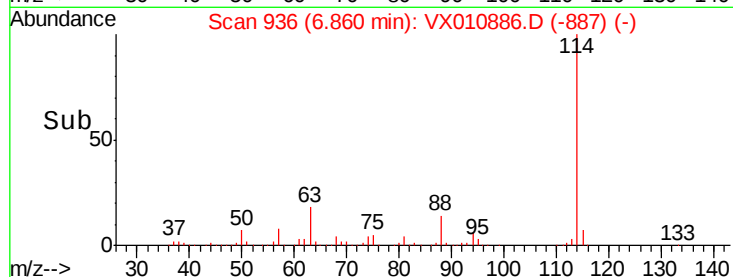
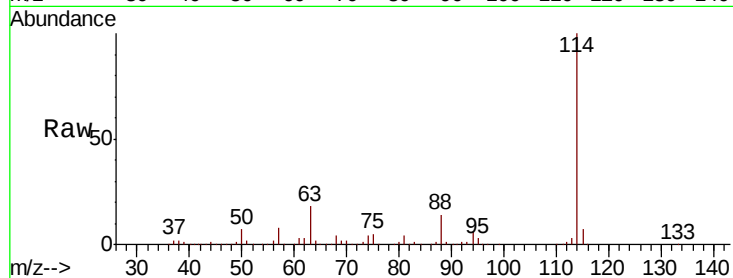
Tot Ion:114 Resp: 360166

Ion Ratio Lower Upper

114 100

63 18.0 0.0 33.8

88 14.4 0.0 27.6



#35

Dibromofluoromethane

Concen: 50.953 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010886.D

Acq: 15 Jul 2019 15:51

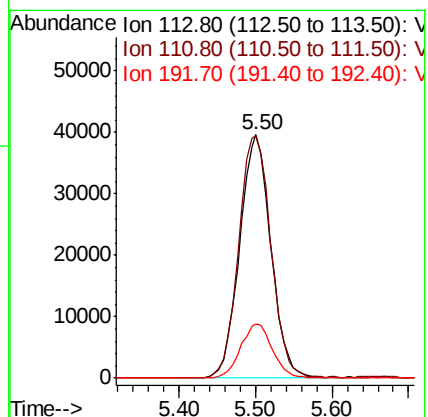
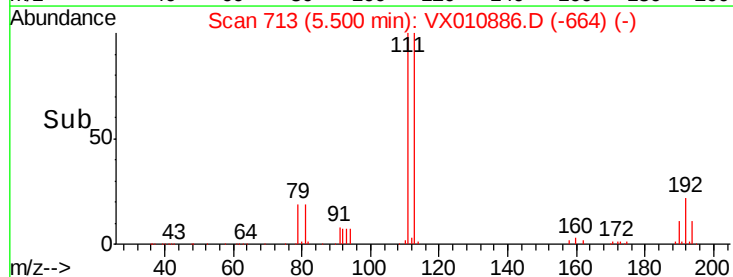
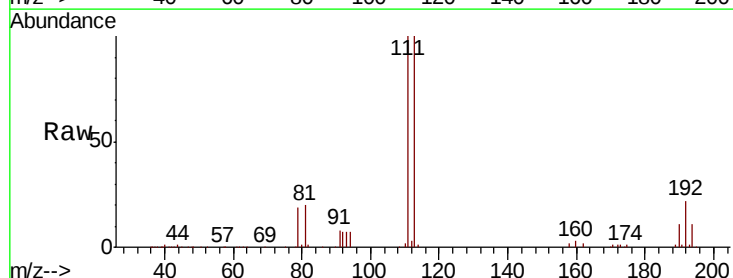
Tgt Ion:113 Resp: 112281

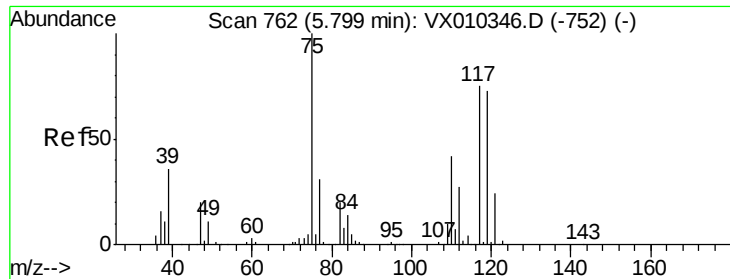
Ion Ratio Lower Upper

113 100

111 102.5 81.2 121.8

192 22.5 18.6 27.8

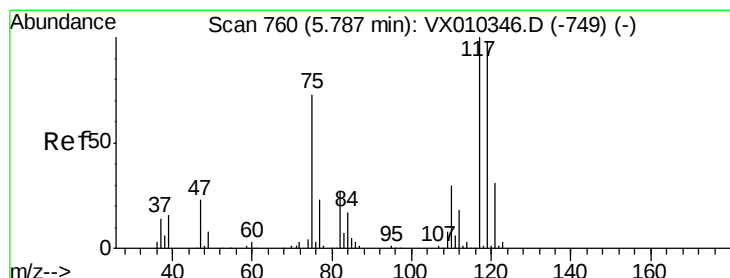
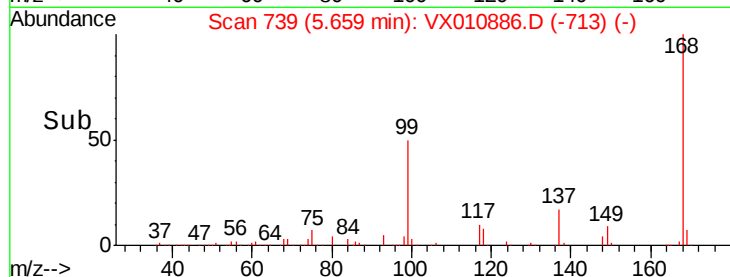
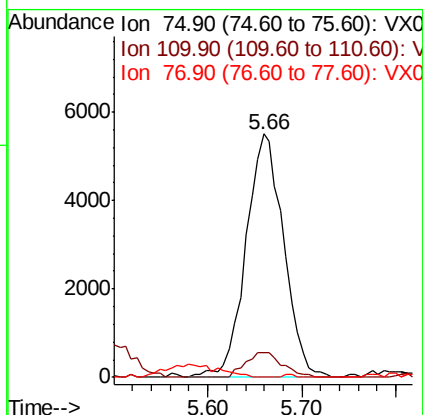
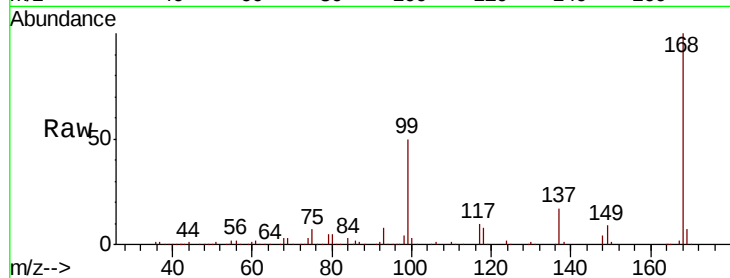




#36
 1,1-Dichloropropene
 Concen: 5.400 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX010886.D
 Acq: 15 Jul 2019 15:51

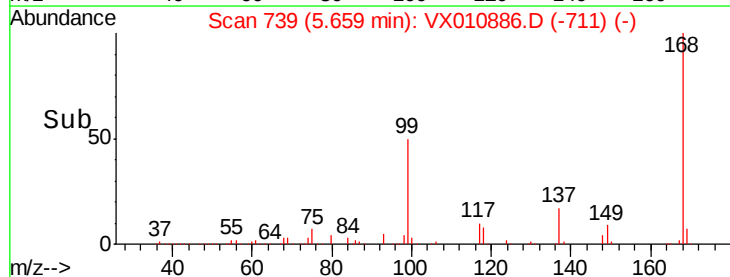
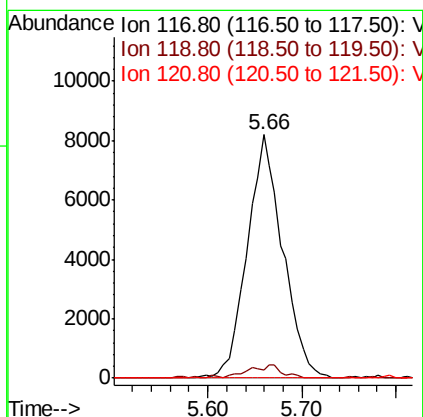
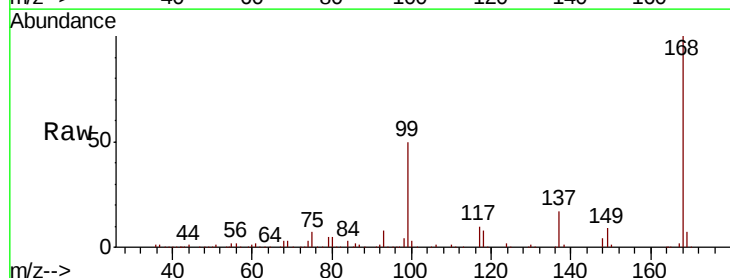
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0581DL

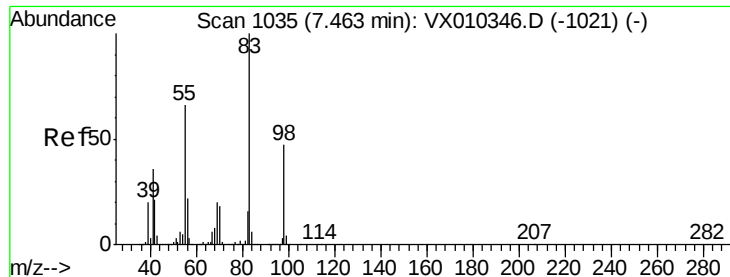
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.2	20.8	62.2#
77	0.0	25.4	38.0#



#38
 Carbon Tetrachloride
 Concen: 6.961 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.13 min
 Lab File: VX010886.D
 Acq: 15 Jul 2019 15:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.4	78.2	117.4#
121	0.0	24.7	37.1#

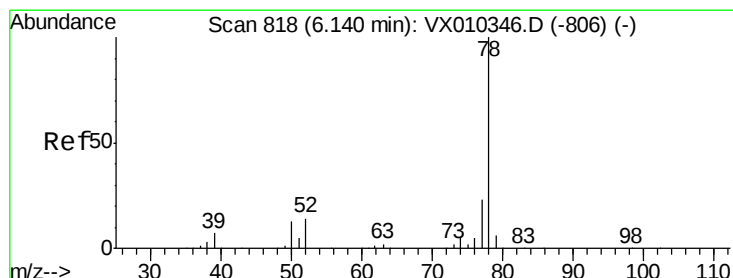
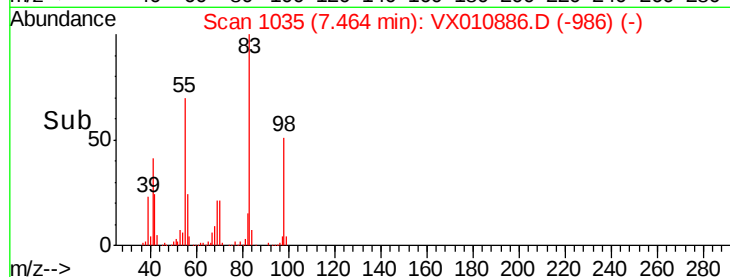
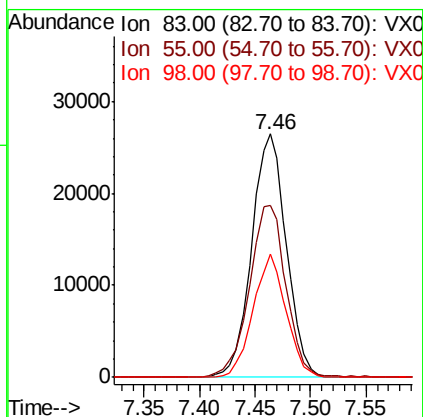
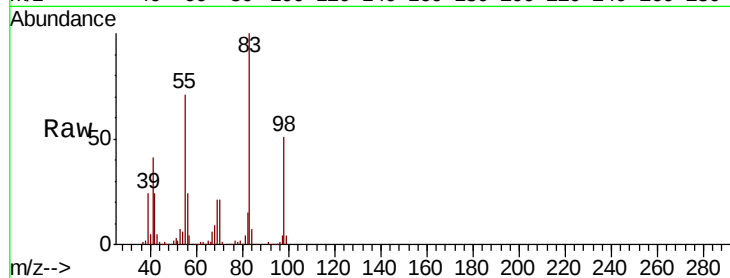




#39
Methvlcvclohexane
Concen: 15.250 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010886.D
Acq: 15 Jul 2019 15:51

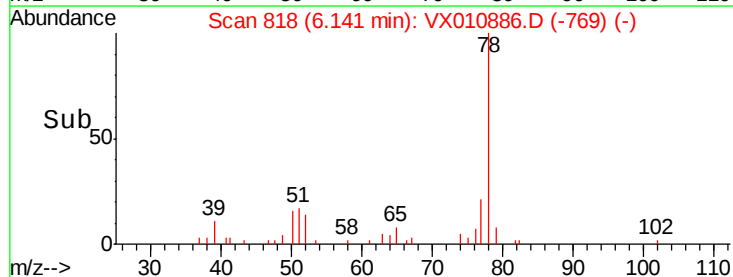
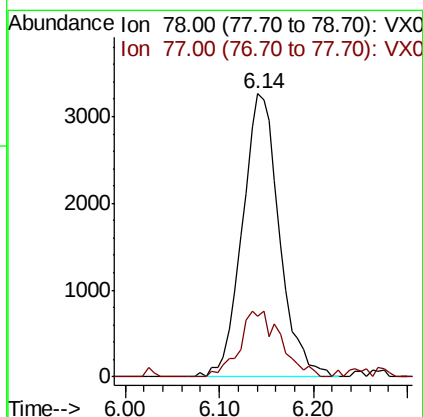
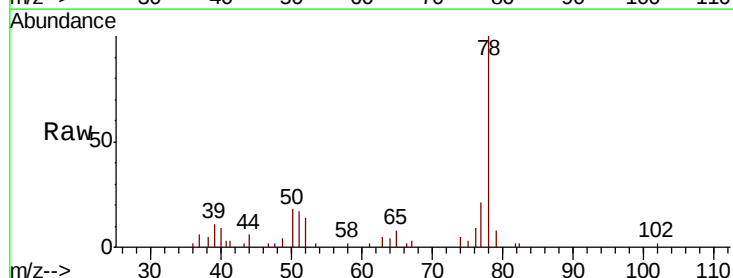
Instrument :
MSVOA_X
ClientSampleId :
FL-0581DL

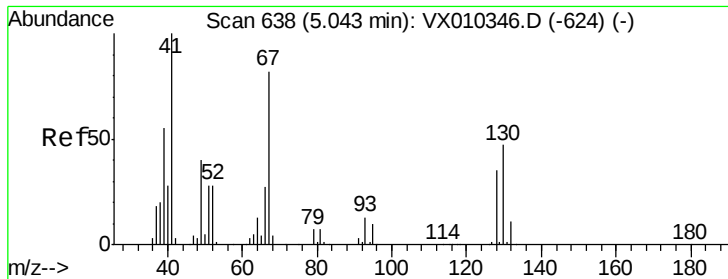
Tot Ion: 83 Resp: 57372
Ion Ratio Lower Upper
83 100
55 70.5 53.0 79.6
98 50.8 37.8 56.8



#40
Benzene
Concen: 1.006 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010886.D
Acq: 15 Jul 2019 15:51

Tgt Ion: 78 Resp: 8972
Ion Ratio Lower Upper
78 100
77 21.4 18.6 28.0

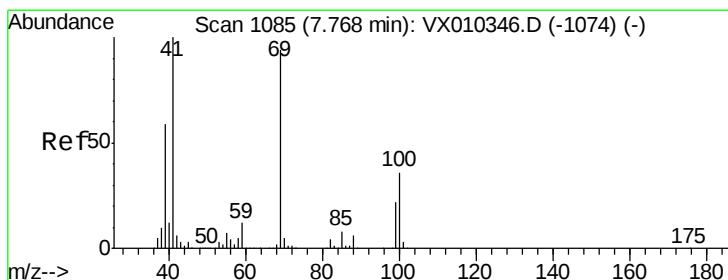
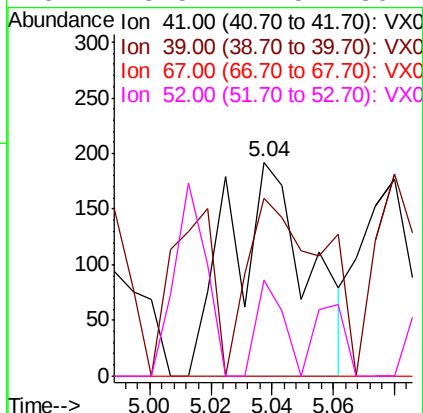
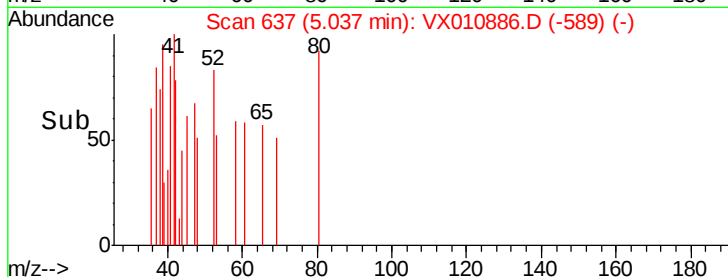
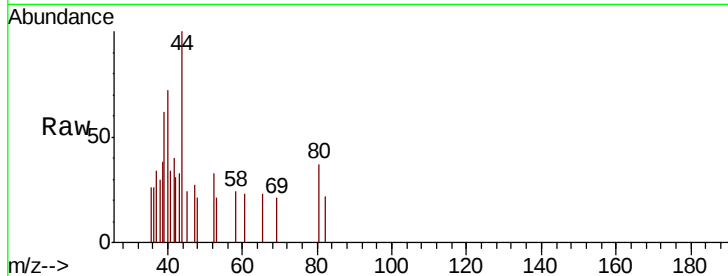




#41
Methacrylonitrile
Concen: 0.212 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX010886.D
Acq: 15 Jul 2019 15:51

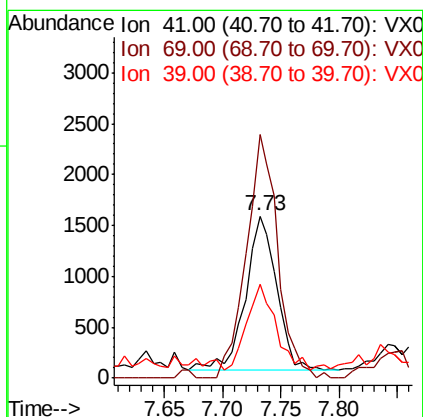
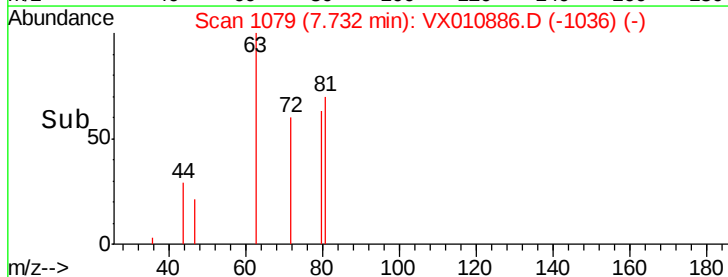
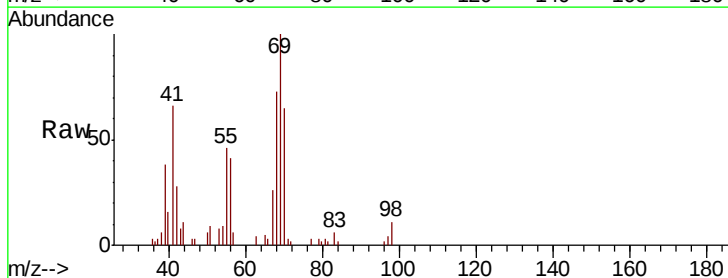
Instrument :
MSVOA_X
ClientSampleId :
FL-0581DL

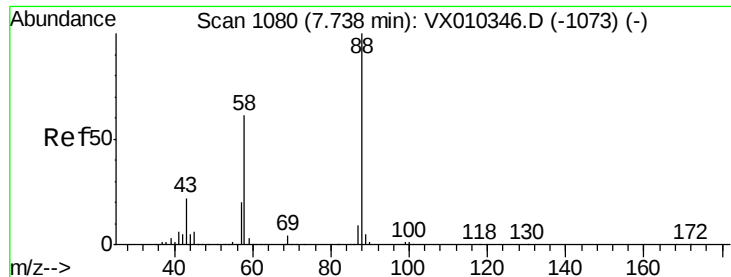
Tot Ion: 41 Resp: 343
Ion Ratio Lower Upper
41 100
39 79.0 43.8 65.8#
67 0.0 66.6 100.0#
52 15.5 24.5 36.7#



#48
Methyl methacrylate
Concen: 1.252 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.04 min
Lab File: VX010886.D
Acq: 15 Jul 2019 15:51

Tgt Ion: 41 Resp: 2835
Ion Ratio Lower Upper
41 100
69 159.3 76.1 114.1#
39 52.0 47.6 71.4

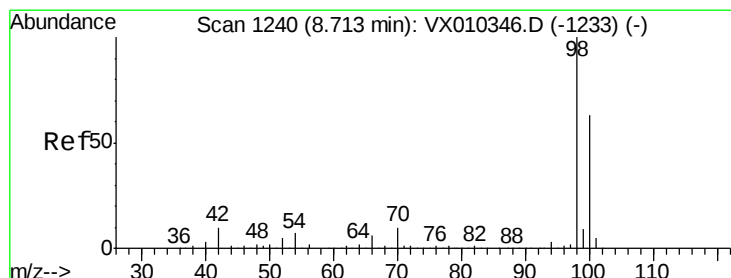
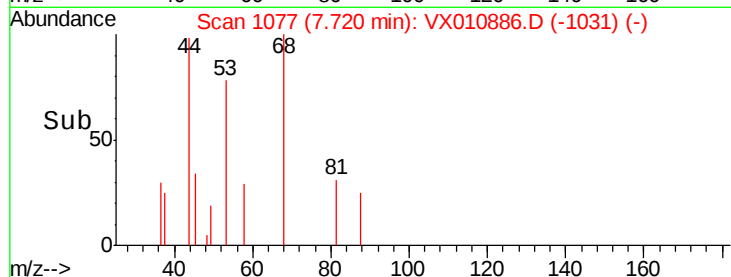
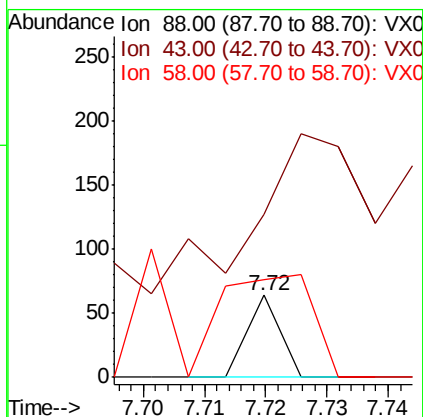
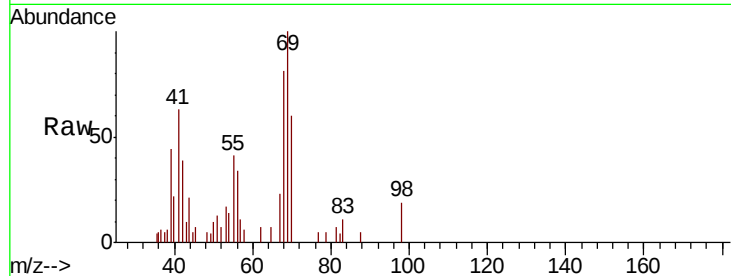




#49
1,4-Dioxane
Concen: 0.353 ug/l
RT: 7.72 min Scan# 1077
Delta R.T. -0.02 min
Lab File: VX010886.D
Acq: 15 Jul 2019 15:51

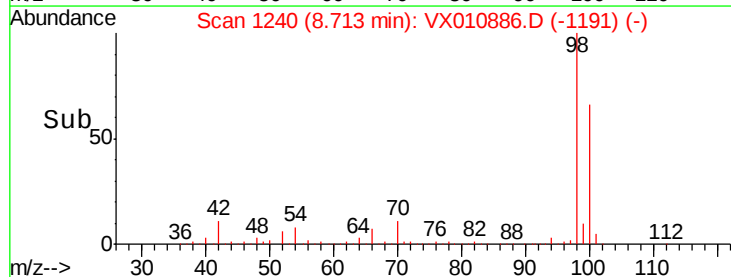
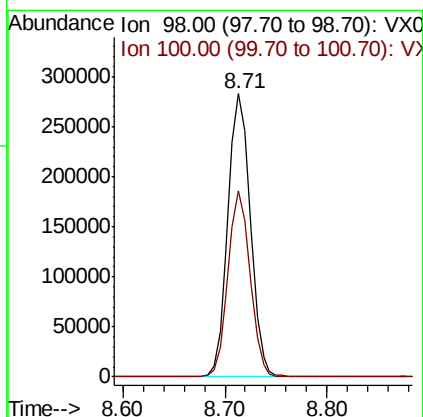
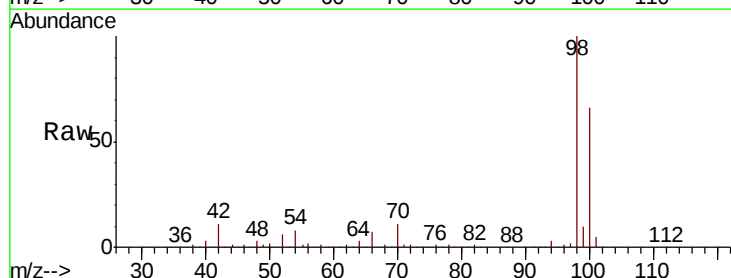
Instrument :
MSVOA_X
ClientSampleId :
FL-0581DL

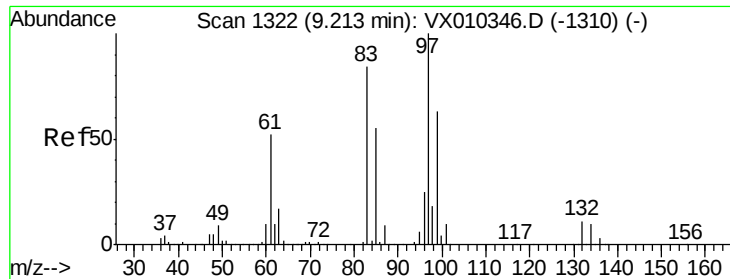
Tot Ion: 88 Resp: 23
Ion Ratio Lower Upper
88 100
43 2387.0 20.2 30.2#
58 360.9 49.5 74.3#



#50
Toluene-d8
Concen: 51.126 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010886.D
Acq: 15 Jul 2019 15:51

Tgt Ion: 98 Resp: 431022
Ion Ratio Lower Upper
98 100
100 64.4 51.6 77.4





#55

1,1,2-Trichloroethane

Concen: 1.273 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX010886.D

Acq: 15 Jul 2019 15:51

Instrument :

MSVOA_X

ClientSampleId :

FL-0581DL

Tot Ion: 97 Resp: 3082

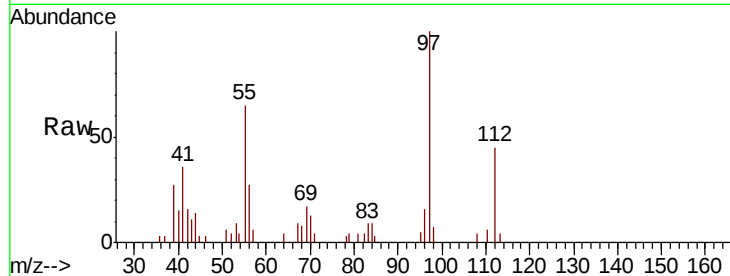
Ion Ratio Lower Upper

97 100

83 9.1 67.4 101.0#

85 3.3 43.8 65.8#

99 0.0 50.3 75.5#

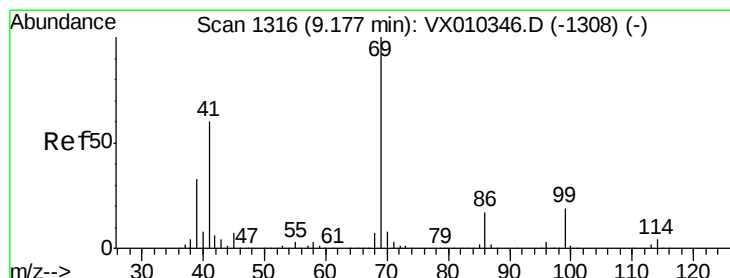
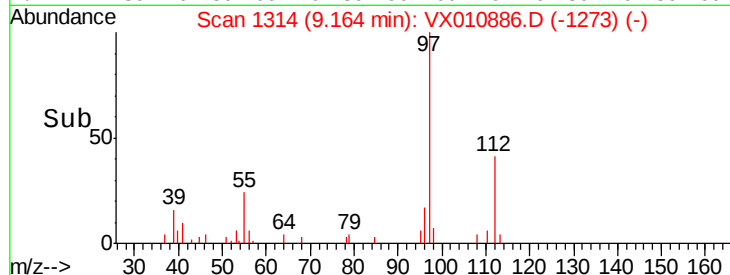
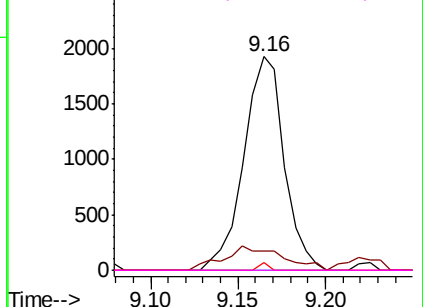


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 0.230 ug/l

RT: 9.16 min Scan# 1313

Delta R.T. -0.02 min

Lab File: VX010886.D

Acq: 15 Jul 2019 15:51

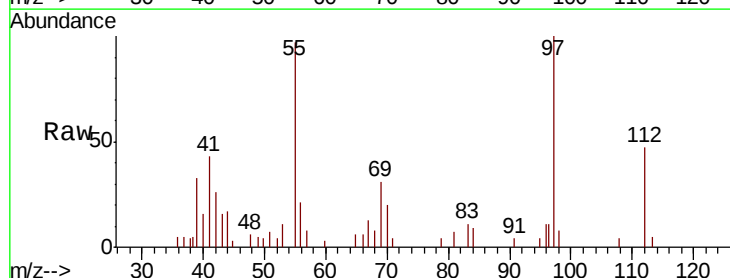
Tgt Ion: 69 Resp: 842

Ion Ratio Lower Upper

69 100

41 179.8 47.1 70.7#

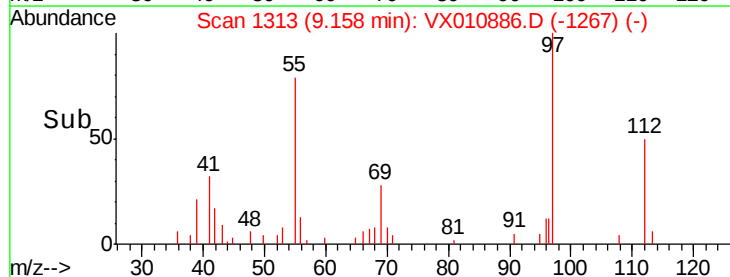
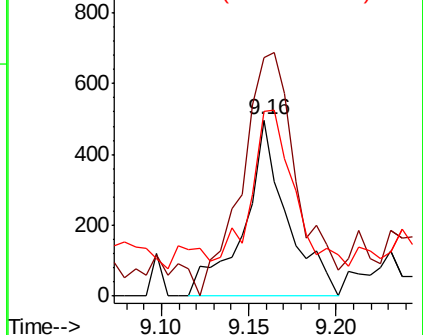
39 88.2 26.6 40.0#

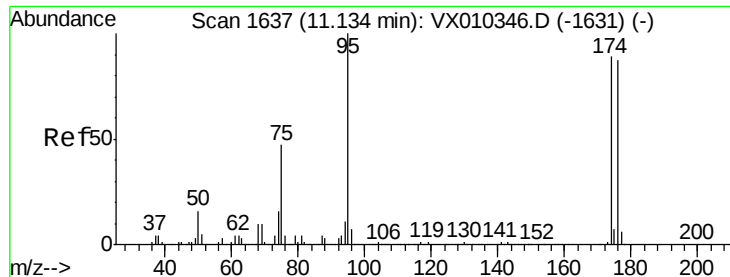


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#62

4-Bromofluorobenzene

Concen: 51.512 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010886.D

Acq: 15 Jul 2019 15:51

Instrument :

MSVOA_X

ClientSampleId :

FL-0581DL

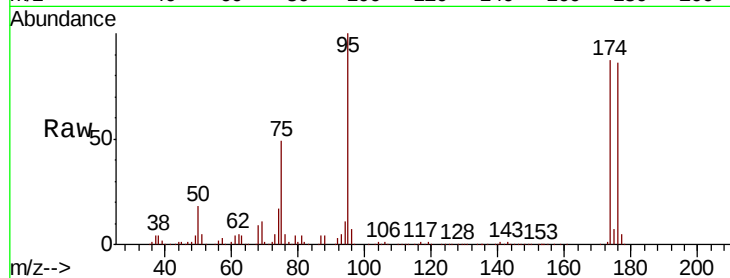
Tot Ion: 95 Resp: 156787

Ion Ratio Lower Upper

95 100

174 90.7 0.0 187.6

176 89.4 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) (-)

11.13

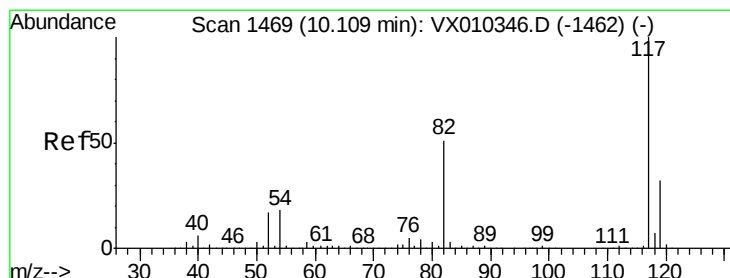
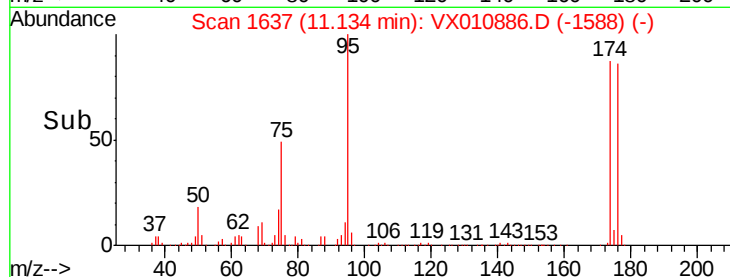
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010886.D

Acq: 15 Jul 2019 15:51

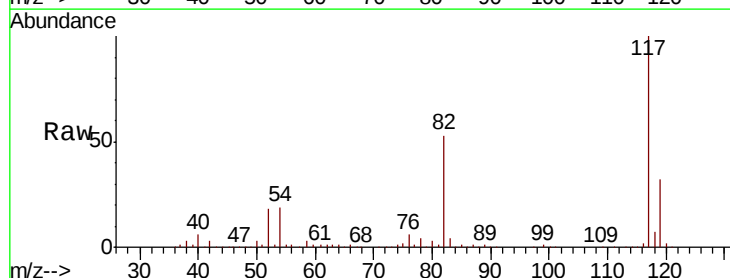
Tgt Ion: 117 Resp: 332977

Ion Ratio Lower Upper

117 100

82 53.1 41.2 61.8

119 32.4 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) (-)

10.11

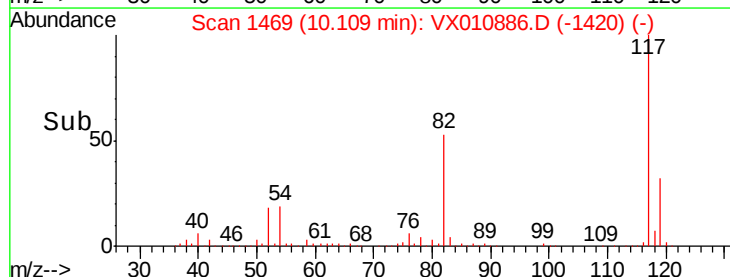
300000

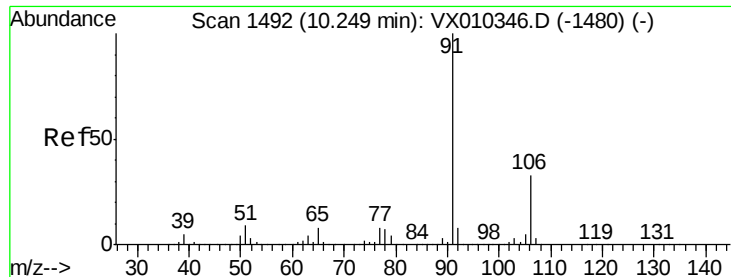
200000

100000

0

Time-->

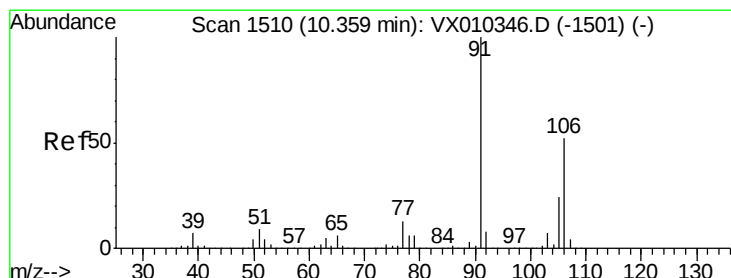
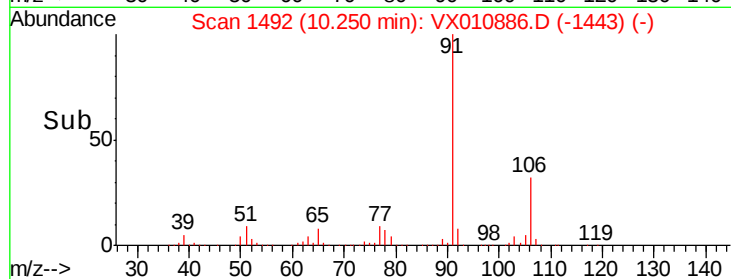
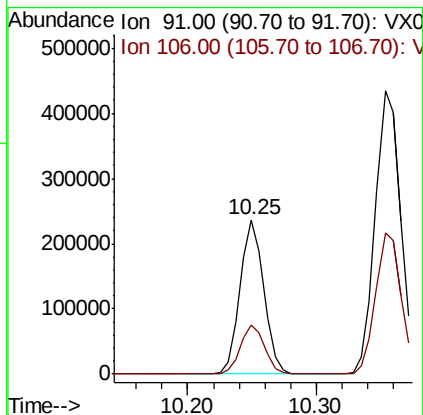
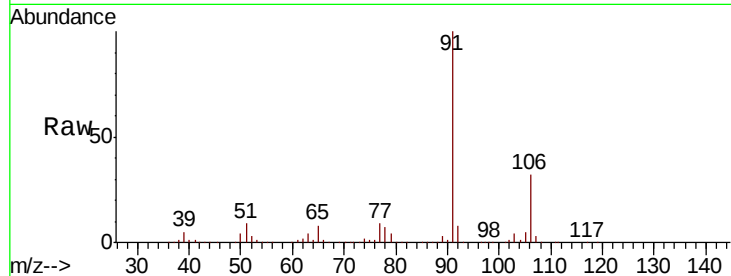




#67
Ethyl Benzene
Concen: 26.539 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010886.D
Acq: 15 Jul 2019 15:51

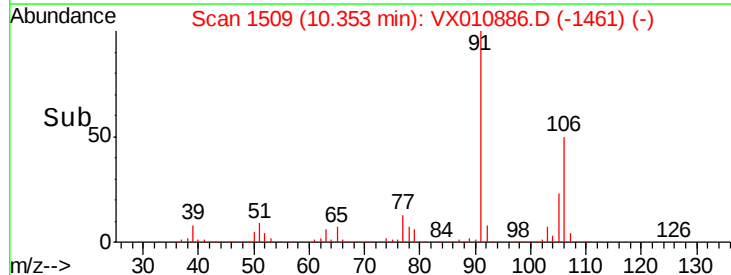
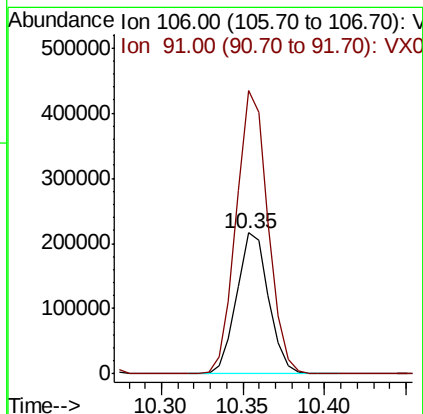
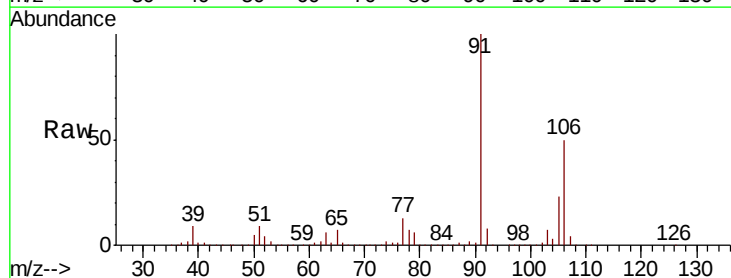
Instrument :
MSVOA_X
ClientSampleID :
FL-0581DL

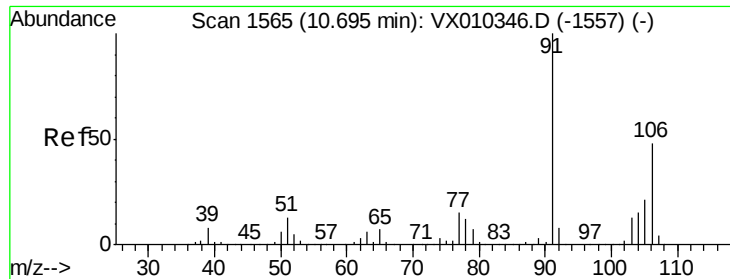
Tot Ion: 91 Resp: 302874
Ion Ratio Lower Upper
91 100
106 31.8 26.2 39.2



#68
m/p-Xylenes
Concen: 66.878 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX010886.D
Acq: 15 Jul 2019 15:51

Tgt Ion: 106 Resp: 295738
Ion Ratio Lower Upper
106 100
91 199.3 155.3 232.9

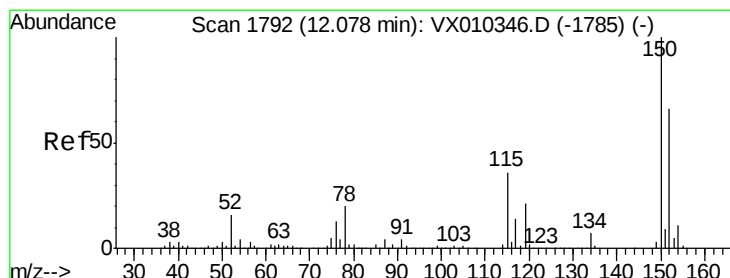
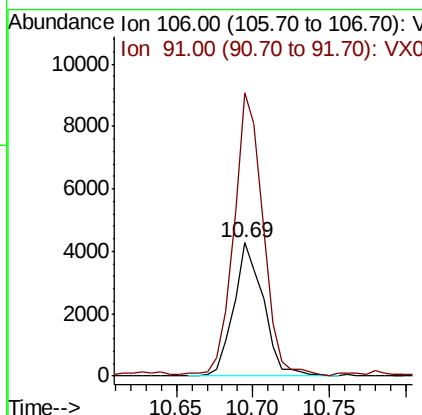
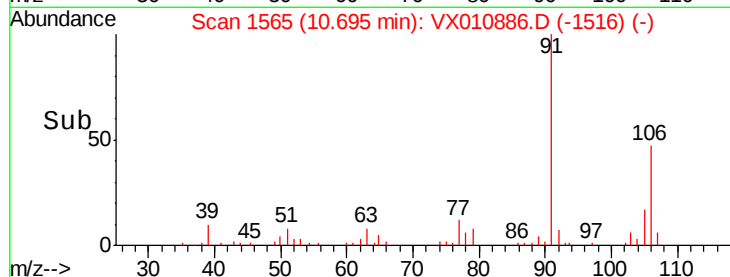
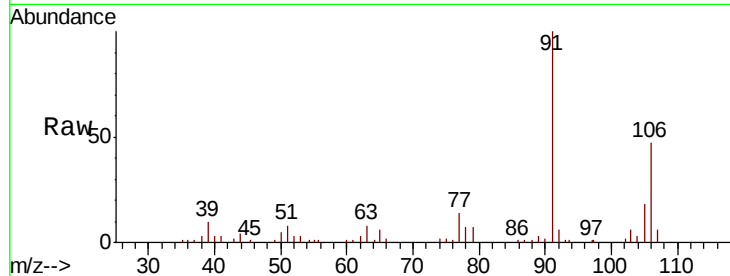




#69
o-Xylene
Concen: 1.321 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010886.D
Acq: 15 Jul 2019 15:51

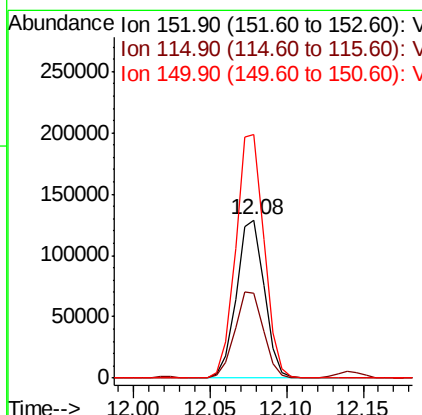
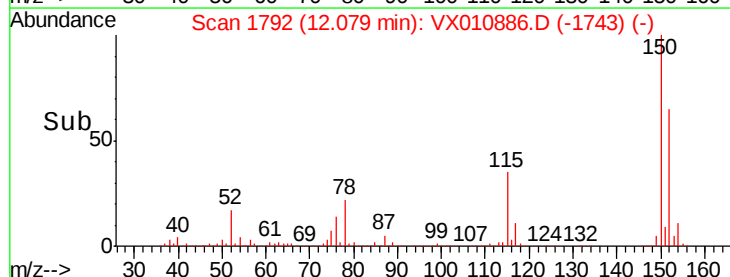
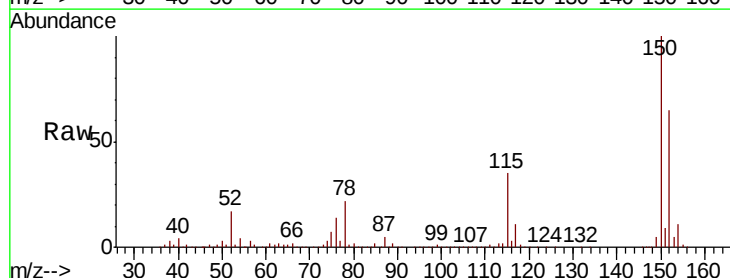
Instrument :
MSVOA_X
ClientSampled :
FL-0581DL

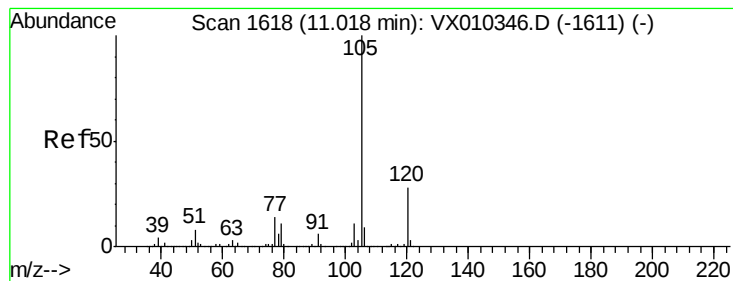
Tot Ion:106 Resp: 5744
Ion Ratio Lower Upper
106 100
91 209.5 102.7 308.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010886.D
Acq: 15 Jul 2019 15:51

Tgt Ion:152 Resp: 162269
Ion Ratio Lower Upper
152 100
115 55.9 38.6 115.7
150 157.3 0.0 347.4





#73

Isopropylbenzene

Concen: 2.817 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010886.D

Acq: 15 Jul 2019 15:51

Instrument :

MSVOA_X

ClientSampled :

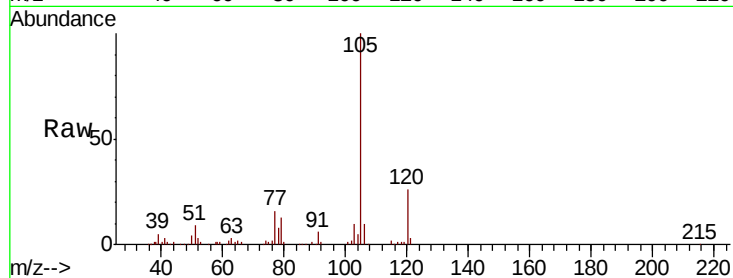
FL-0581DL

Tot Ion:105 Resp: 30992

Ion Ratio Lower Upper

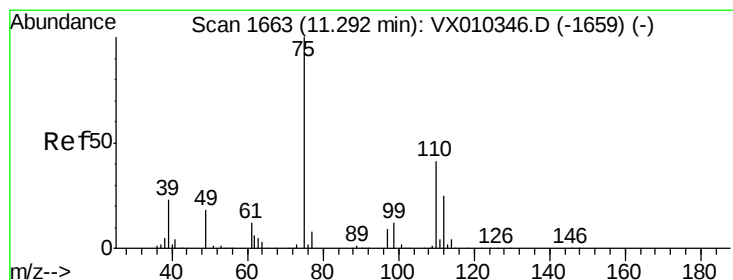
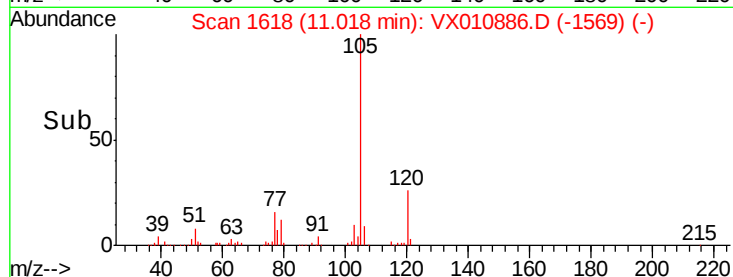
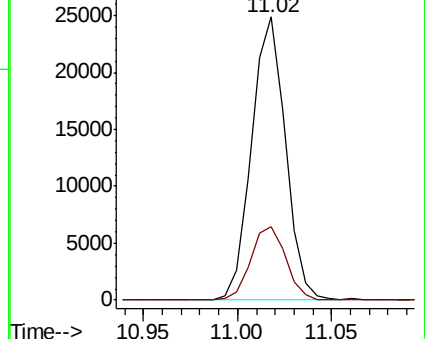
105 100

120 27.0 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 25.757 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010886.D

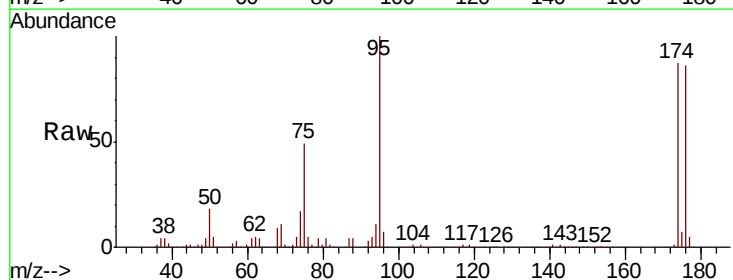
Acq: 15 Jul 2019 15:51

Tgt Ion: 75 Resp: 76163

Ion Ratio Lower Upper

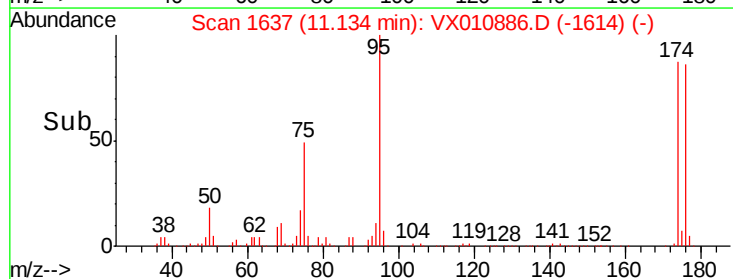
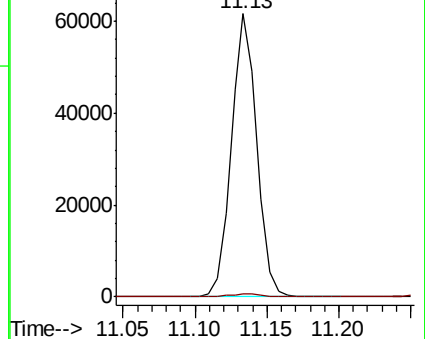
75 100

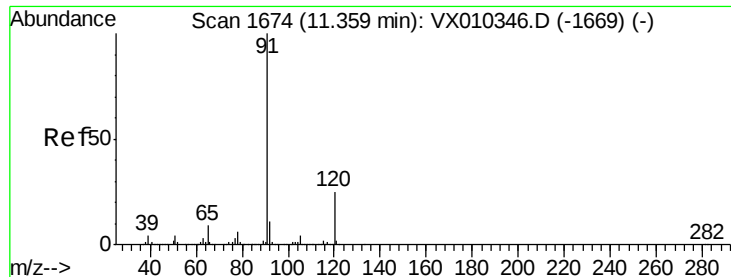
77 1.3 22.6 67.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 3.243 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010886.D

Acq: 15 Jul 2019 15:51

Instrument :

MSVOA_X

ClientSampleId :

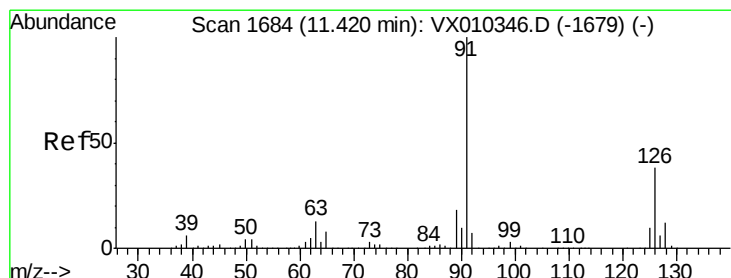
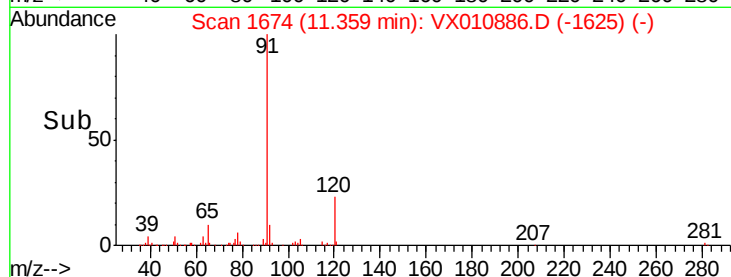
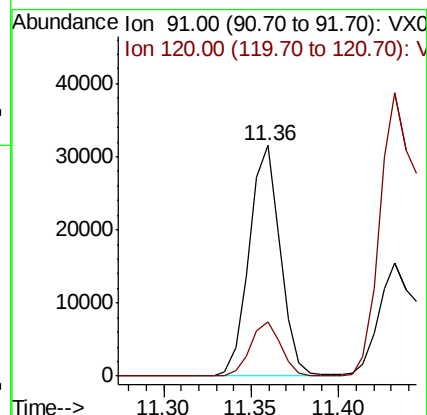
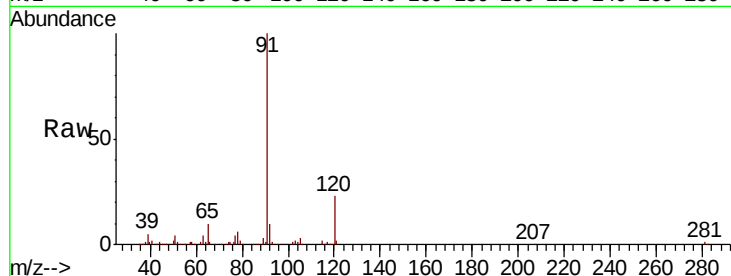
FL-0581DL

Tot Ion: 91 Resp: 39200

Ion Ratio Lower Upper

91 100

120 23.2 12.4 37.4



#79

2-Chlorotoluene

Concen: 4.114 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX010886.D

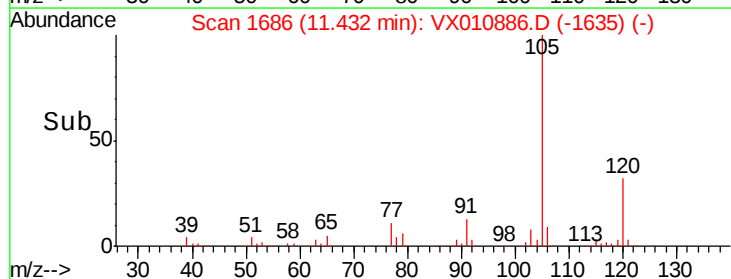
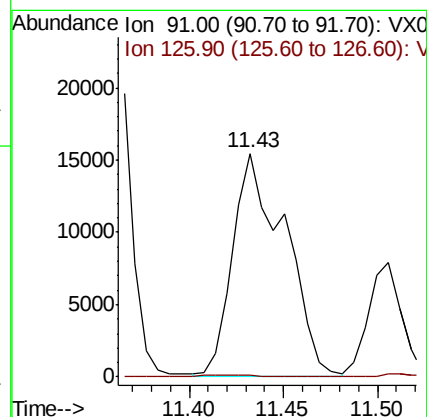
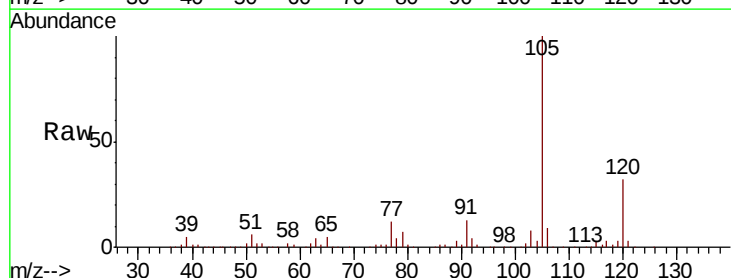
Acq: 15 Jul 2019 15:51

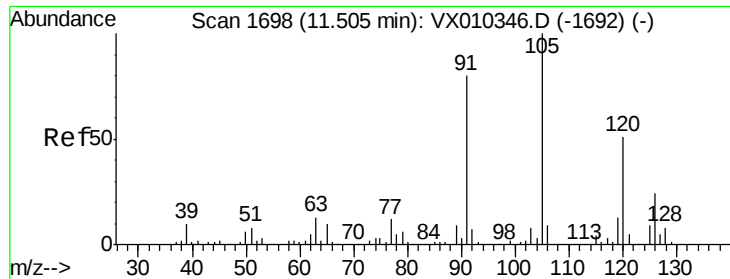
Tgt Ion: 91 Resp: 29619

Ion Ratio Lower Upper

91 100

126 0.7 18.7 56.1#

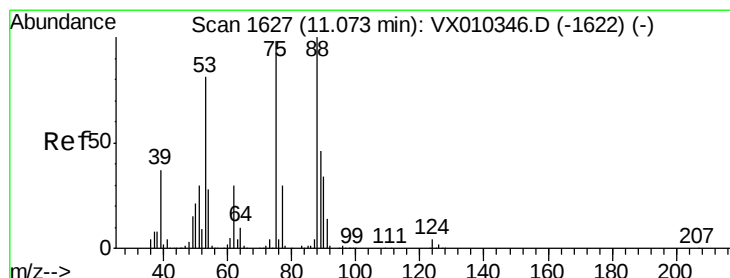
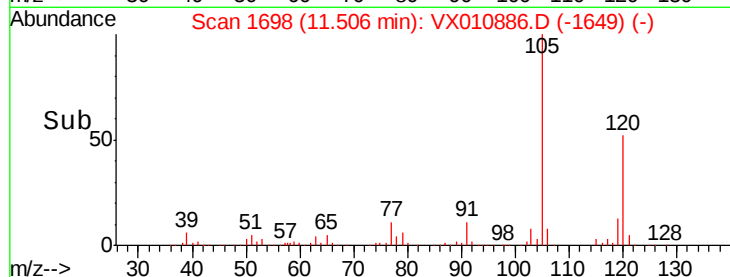
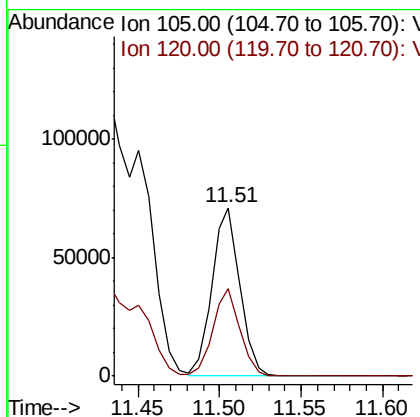
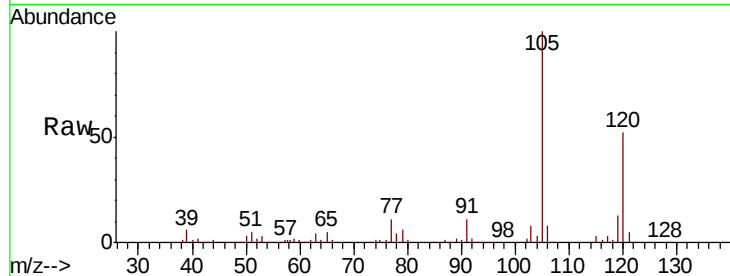




#80
 1,3,5-Trimethylbenzene
 Concen: 9.324 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010886.D
 Acq: 15 Jul 2019 15:51

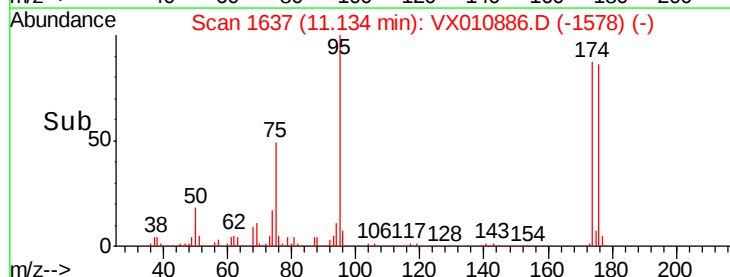
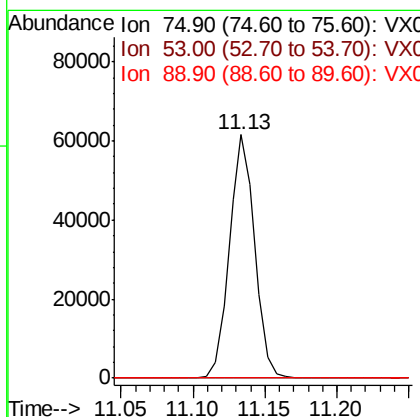
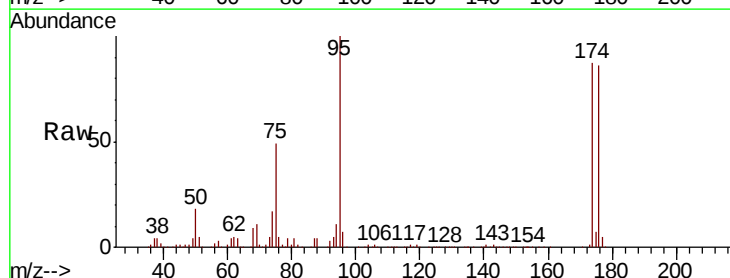
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0581DL

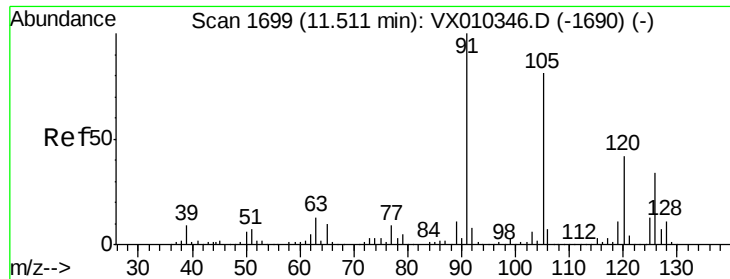
Tot Ion:105 Resp: 84554
 Ion Ratio Lower Upper
 105 100
 120 50.6 25.2 75.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.089 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX010886.D
 Acq: 15 Jul 2019 15:51

Tgt Ion: 75 Resp: 76163
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.1 99.1#
 89 0.0 37.8 56.6#

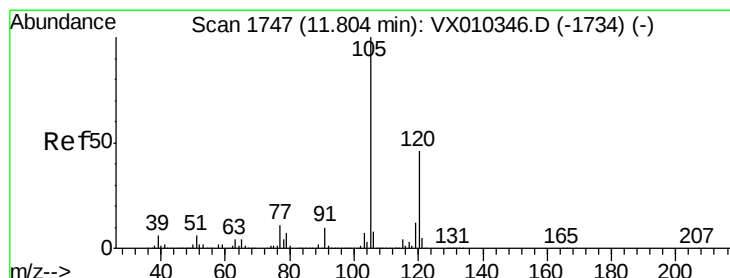
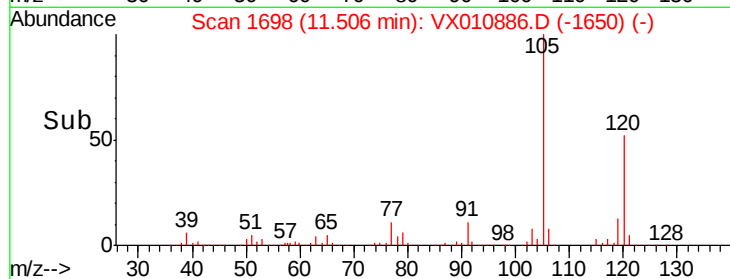
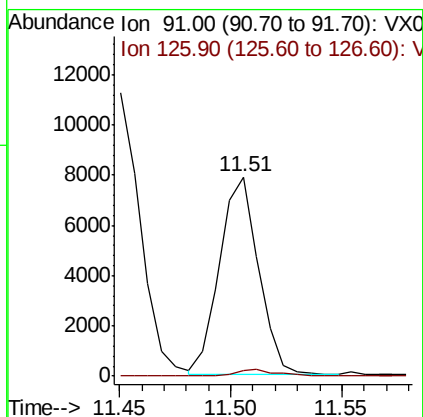
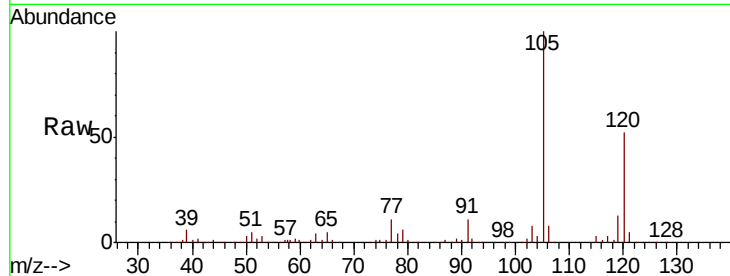




#82
4-Chlorotoluene
Concen: 1.165 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX010886.D
Acq: 15 Jul 2019 15:51

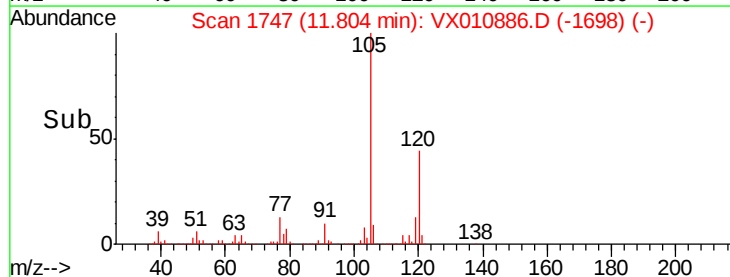
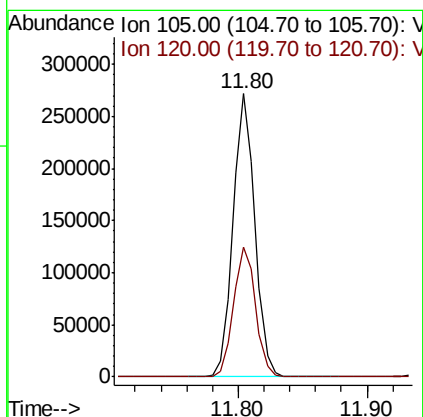
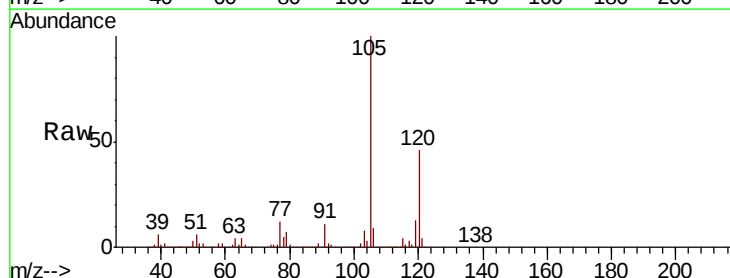
Instrument :
MSVOA_X
ClientSampleID :
FL-0581DL

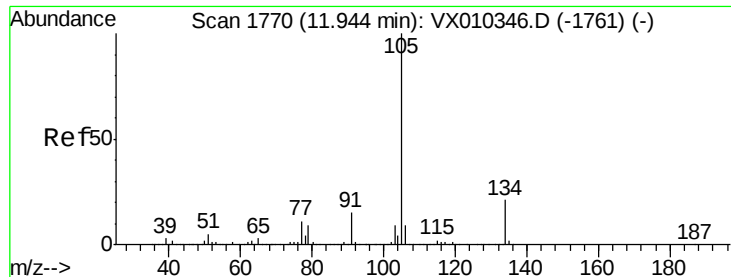
Tot Ion: 91 Resp: 9543
Ion Ratio Lower Upper
91 100
126 3.0 16.2 48.6#



#84
1,2,4-Trimethylbenzene
Concen: 35.184 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX010886.D
Acq: 15 Jul 2019 15:51

Tgt Ion:105 Resp: 320544
Ion Ratio Lower Upper
105 100
120 46.7 23.1 69.2

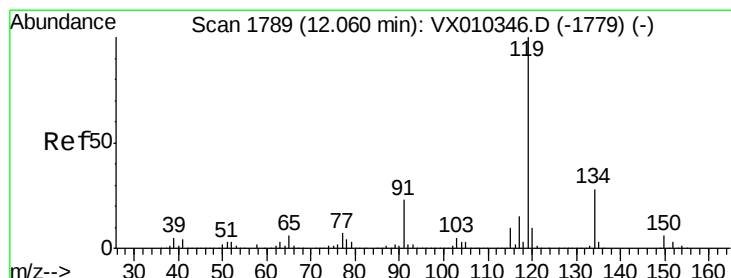
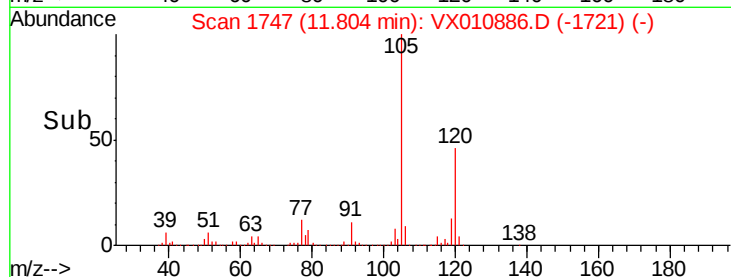
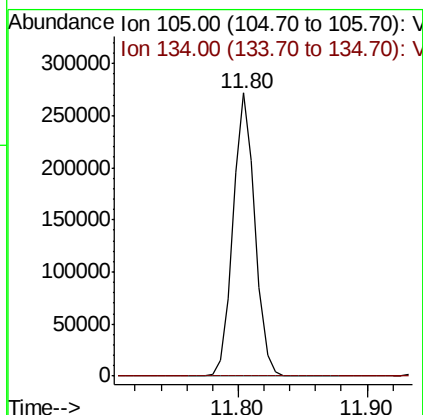
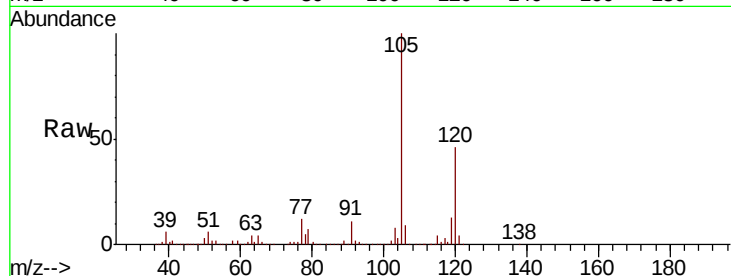




#85
 sec-Butylbenzene
 Concen: 29.996 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.14 min
 Lab File: VX010886.D
 Acq: 15 Jul 2019 15:51

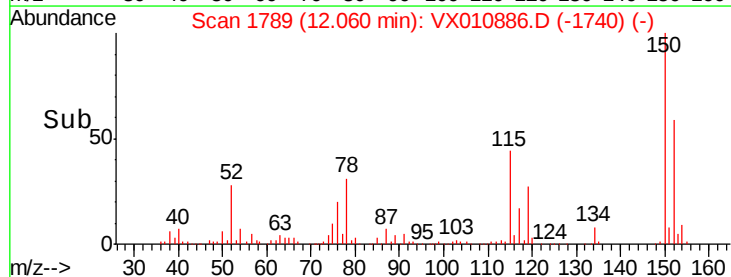
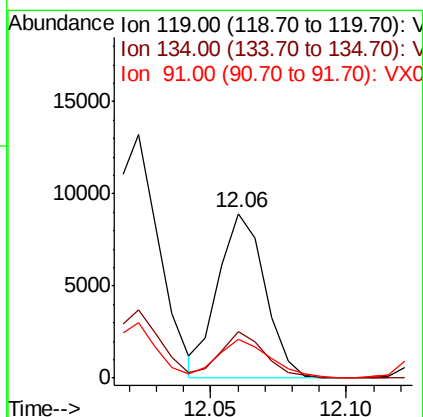
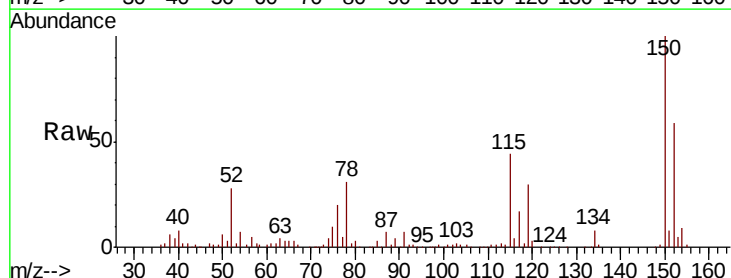
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0581DL

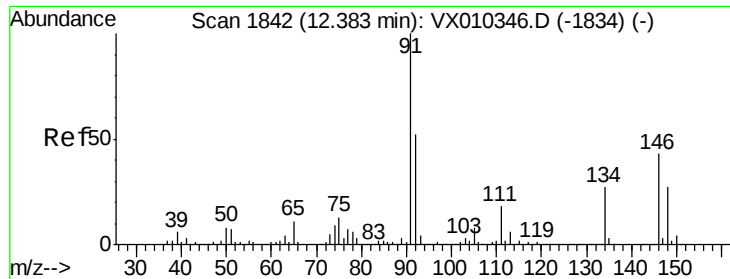
Tot Ion:105 Resp: 320544
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.7 31.9#



#86
 p-Isopropyltoluene
 Concen: 1.082 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX010886.D
 Acq: 15 Jul 2019 15:51

Tgt Ion:119 Resp: 10696
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.7 41.1
 91 26.2 11.3 33.8

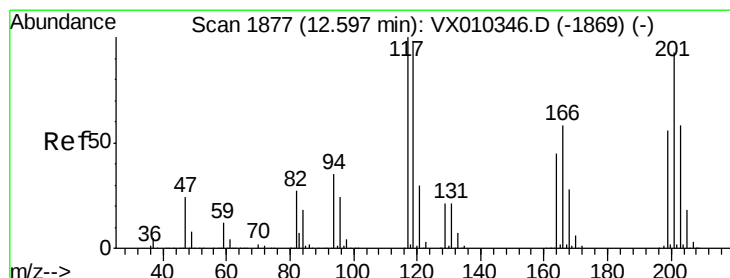
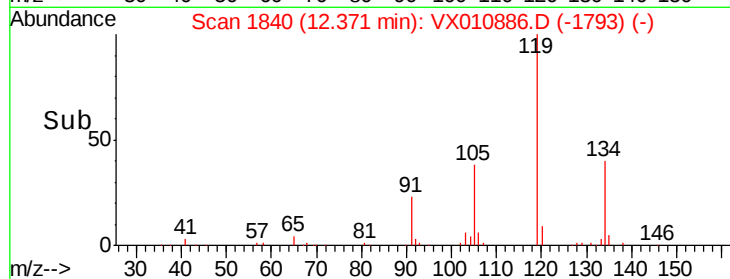
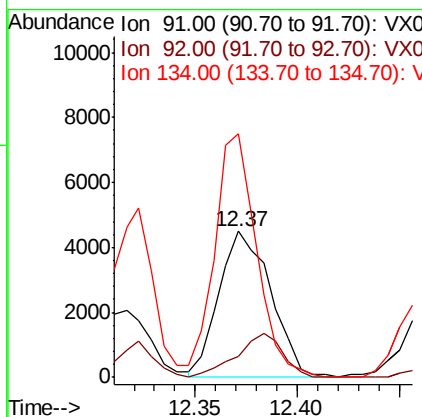
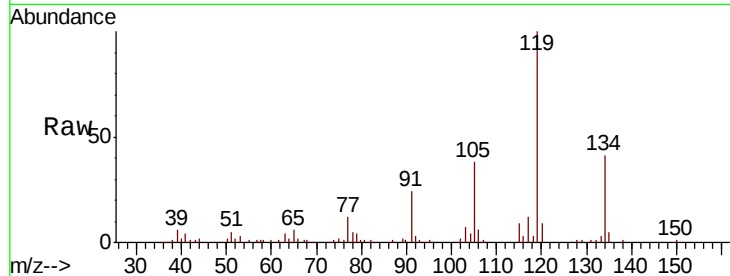




#89
n-Butylbenzene
Concen: 0.949 ug/l
RT: 12.37 min Scan# 1840
Delta R.T. -0.01 min
Lab File: VX010886.D
Acq: 15 Jul 2019 15:51

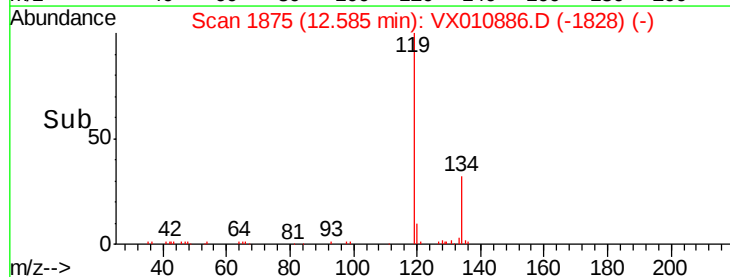
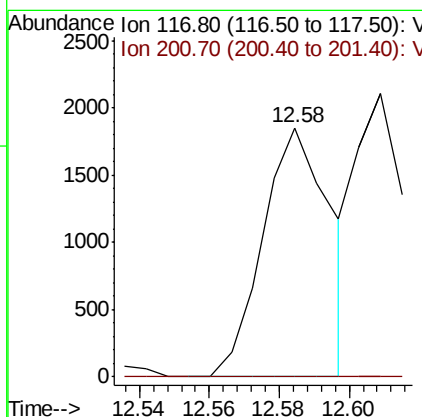
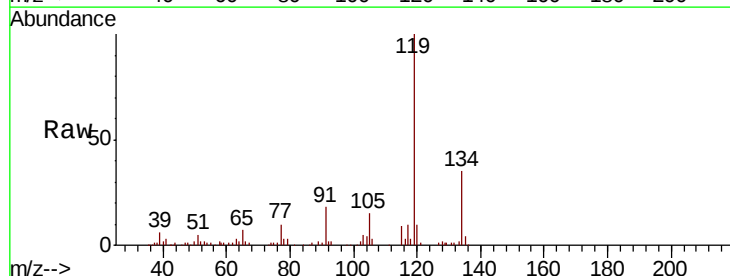
Instrument :
MSVOA_X
ClientSampled :
FL-0581DL

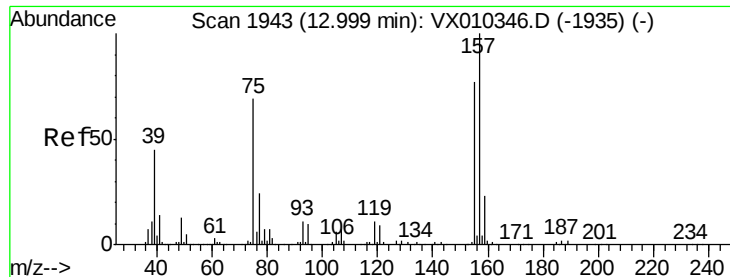
Tot Ion: 91 Resp: 7969
Ion Ratio Lower Upper
91 100
92 26.7 26.2 78.5
134 134.8 14.1 42.4#



#90
Hexachloroethane
Concen: 1.454 ug/l
RT: 12.58 min Scan# 1875
Delta R.T. -0.01 min
Lab File: VX010886.D
Acq: 15 Jul 2019 15:51

Tgt Ion: 117 Resp: 2485
Ion Ratio Lower Upper
117 100
201 0.0 44.0 131.8#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.402 ug/l

RT: 13.01 min Scan# 1945

Delta R.T. 0.01 min

Lab File: VX010886.D

Acq: 15 Jul 2019 15:51

Instrument :

MSVOA_X

ClientSampleId :

FL-0581DL

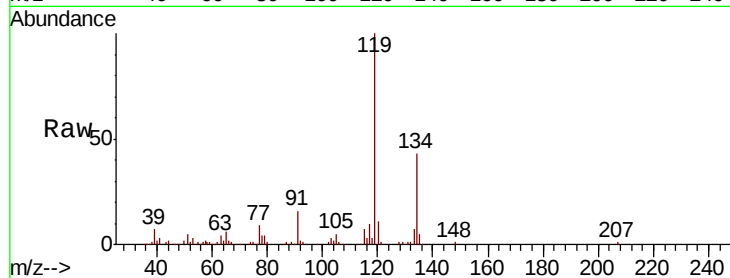
Tot Ion: 75 Resp: 316

Ion Ratio Lower Upper

75 100

155 13.0 54.4 163.1#

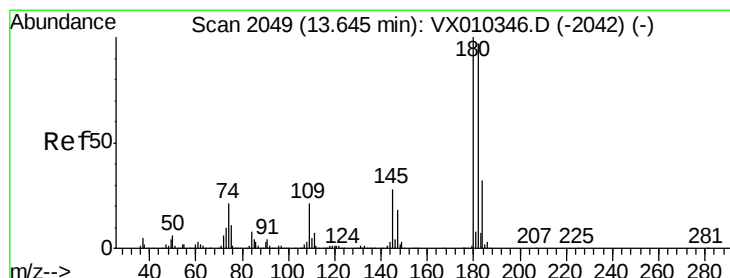
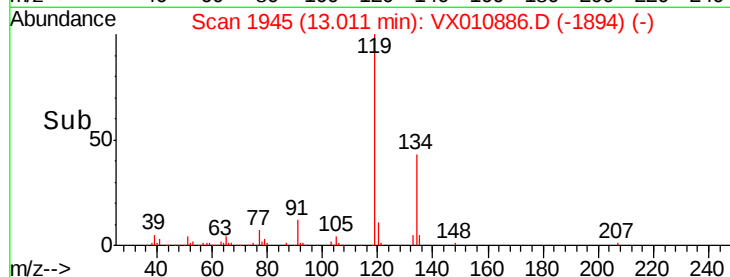
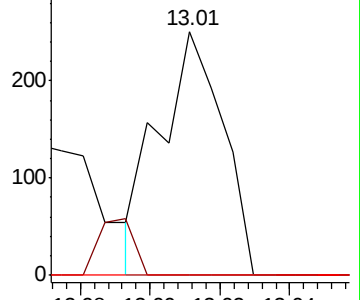
157 0.0 69.5 208.3#



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



#93

1,2,4-Trichlorobenzene

Concen: 0.258 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX010886.D

Acq: 15 Jul 2019 15:51

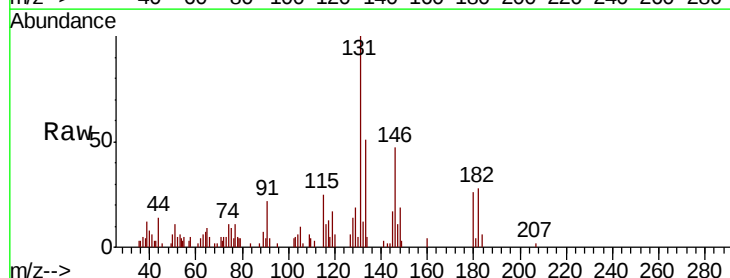
Tgt Ion:180 Resp: 954

Ion Ratio Lower Upper

180 100

182 89.8 48.0 144.0

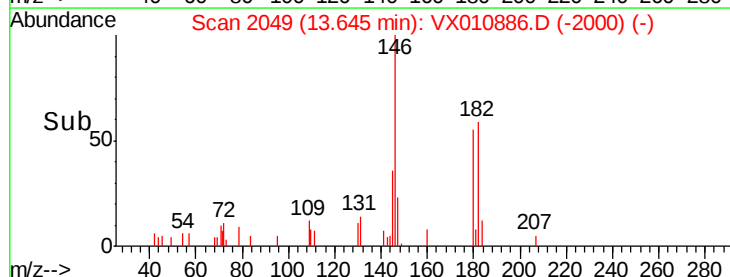
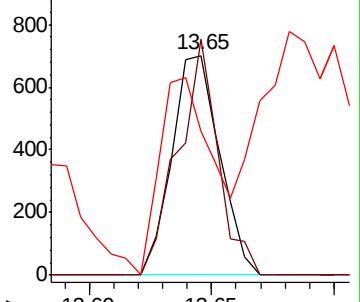
145 100.6 14.4 43.4#

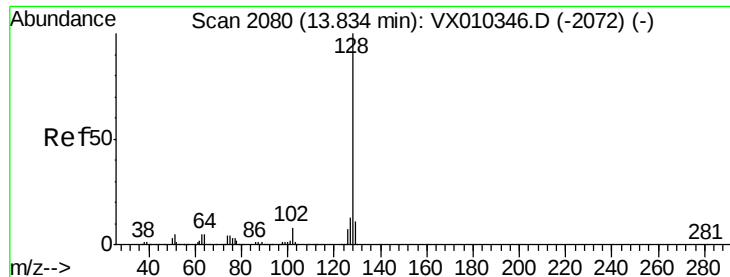


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 6.365 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX010886.D

Acq: 15 Jul 2019 15:51

Instrument :

MSVOA_X

ClientSampleId :

FL-0581DL

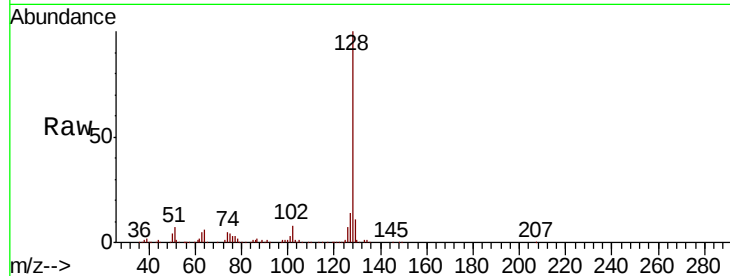
Tot Ion:128 Resp: 72277

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

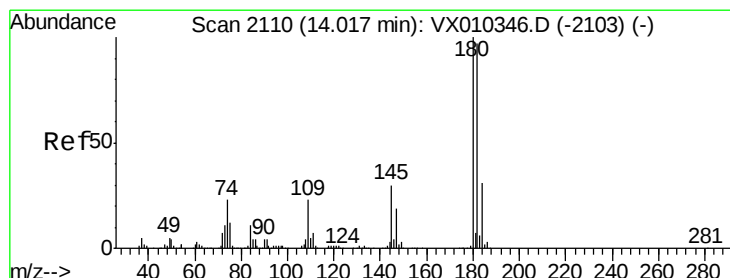
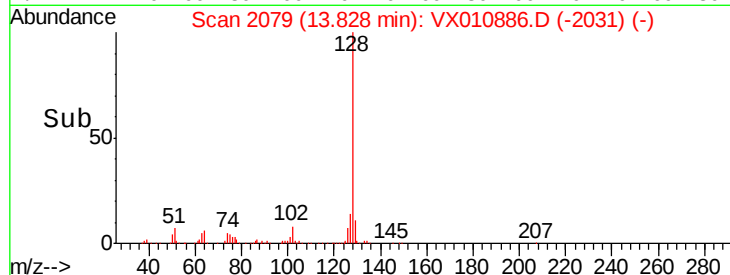
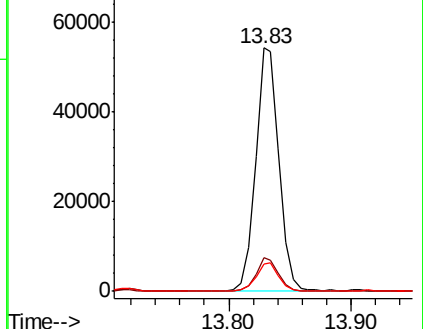
129 11.7 8.9 13.3



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



#96

1,2,3-Trichlorobenzene

Concen: 0.223 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX010886.D

Acq: 15 Jul 2019 15:51

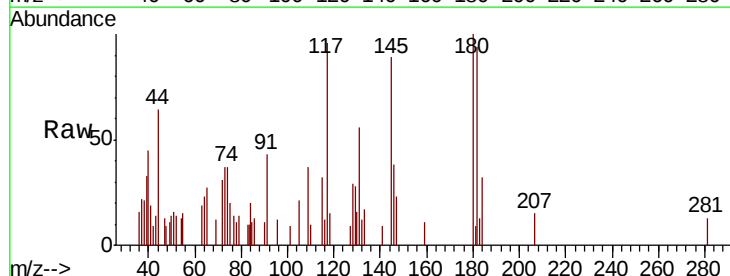
Tgt Ion:180 Resp: 818

Ion Ratio Lower Upper

180 100

182 84.4 47.8 143.3

145 109.2 15.2 45.6#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

