

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071019\
 Data File : VX010777.D
 Acq On : 10 Jul 2019 15:12
 Operator : JC/SP
 Sample : K3664-04DL 4X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0588DL

Quant Time: Jul 11 01:15:16 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	211372	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	334125	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	309638	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	154691	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	108745	54.87	ug/l	0.00
Spiked Amount			Recovery	=	109.74%	
35) Dibromofluoromethane	5.50	113	102850	50.31	ug/l	0.00
Spiked Amount			Recovery	=	100.62%	
50) Toluene-d8	8.71	98	400146	51.16	ug/l	0.00
Spiked Amount			Recovery	=	102.32%	
62) 4-Bromofluorobenzene	11.13	95	140135	49.63	ug/l	0.00
Spiked Amount			Recovery	=	99.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.34	50	437	0.255	ug/l #	33
5) Bromomethane	1.65	94	511	0.560	ug/l #	77
6) Chloroethane	1.71	64	350	0.317	ug/l #	80
11) Tert butyl alcohol	3.01	59	4966	9.576	ug/l #	77
13) Acrolein	2.29	56	172	0.500	ug/l #	52
16) Acetone	2.45	43	1269	1.278	ug/l	97
20) Methylene Chloride	2.85	84	476	0.233	ug/l #	68
25) 2-Butanone	4.69	43	781	0.536	ug/l	96
31) Cyclohexane	5.58	56	4820	1.684	ug/l	90
36) 1,1-Dichloropropene	5.66	75	14243	5.364	ug/l #	48
38) Carbon Tetrachloride	5.67	117	19603	6.818	ug/l #	15
39) Methylcyclohexane	7.46	83	6723	1.926	ug/l	97
49) 1,4-Dioxane	7.65	88	44	0.727	ug/l #	79
52) Toluene	8.78	92	1364	0.250	ug/l	99
55) 1,1,2-Trichloroethane	9.16	97	483	0.215	ug/l #	15
67) Ethyl Benzene	10.25	91	326455	30.761	ug/l	98
68) m/p-Xylenes	10.36	106	309306	75.218	ug/l	99
69) o-Xylene	10.69	106	42294	10.459	ug/l	100
70) Styrene	10.69	104	2185	0.322	ug/l #	1
73) Isopropylbenzene	11.02	105	36323	3.464	ug/l	98
76) 1,2,3-Trichloropropane	11.13	75	69352	24.603	ug/l #	33
78) n-propylbenzene	11.36	91	67628	5.868	ug/l	100
79) 2-Chlorotoluene	11.43	91	26653	3.884	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.51	105	98303	11.372	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.13	75	69352	57.396	ug/l #	16
82) 4-Chlorotoluene	11.51	91	10294	1.318	ug/l #	42
83) tert-Butylbenzene	11.80	119	48186	5.554	ug/l #	59
84) 1,2,4-Trimethylbenzene	11.80	105	380867	43.853	ug/l	99
85) sec-Butylbenzene	11.94	105	18007	1.768	ug/l	86
86) p-Isopropyltoluene	12.06	119	18752	1.990	ug/l	97
89) n-Butylbenzene	12.38	91	21943	2.740	ug/l #	25
90) Hexachloroethane	12.58	117	5407	3.319	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	13.01	75	419	0.560	ug/l #	1
95) Naphthalene	13.83	128	101218	9.350	ug/l	99

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

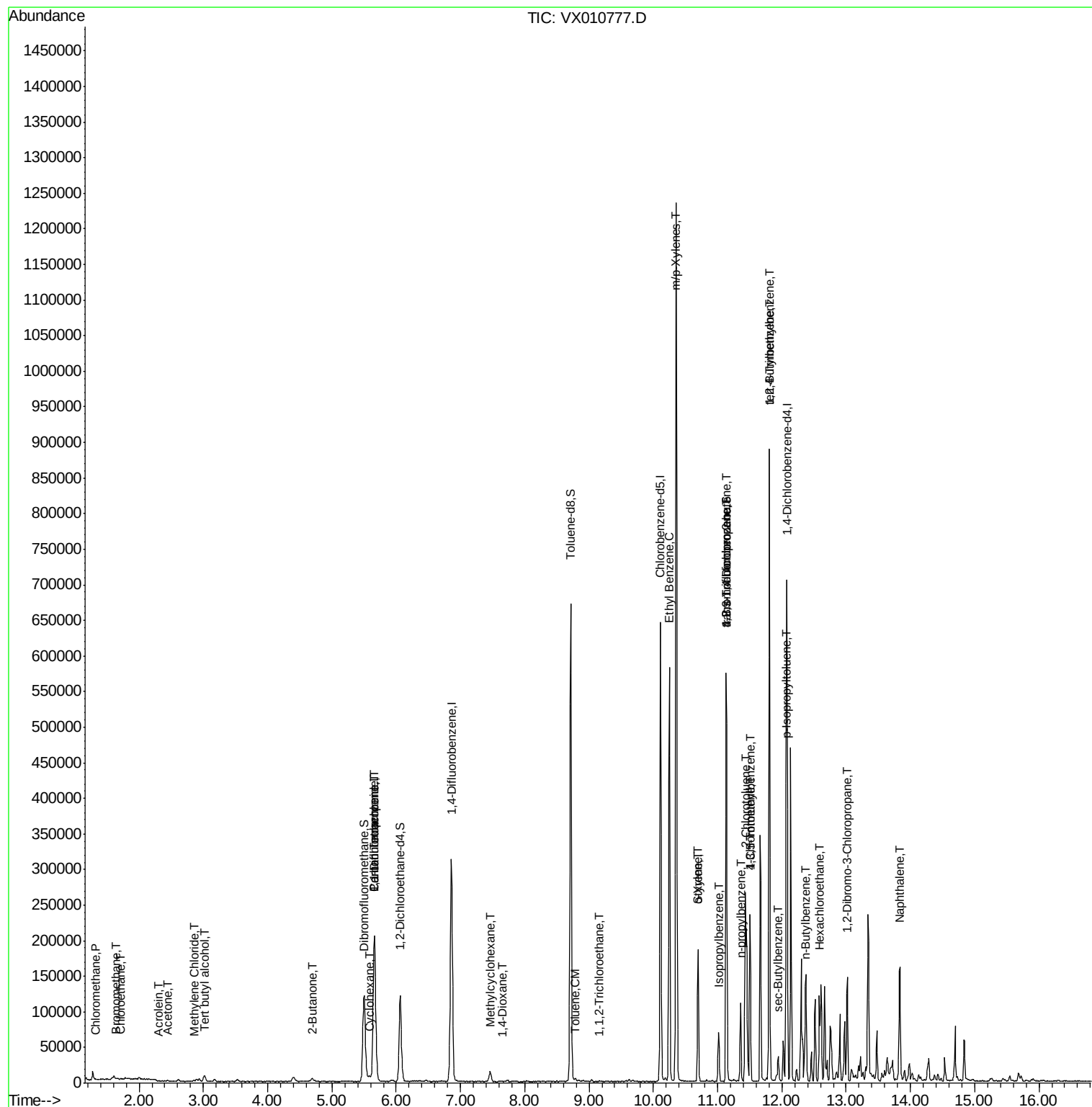
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
-----	-----	-----	-----	-----	-----	-----

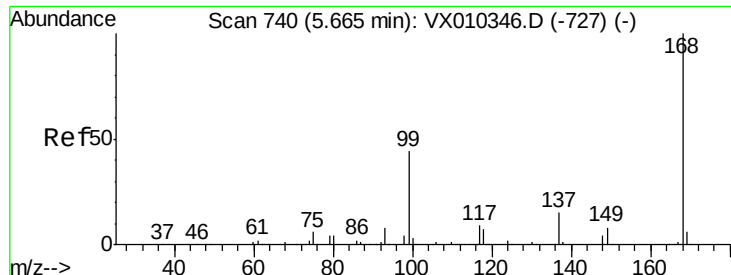
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010777.D

Acq: 10 Jul 2019 15:12

Instrument :

MSVOA_X

ClientSampled :

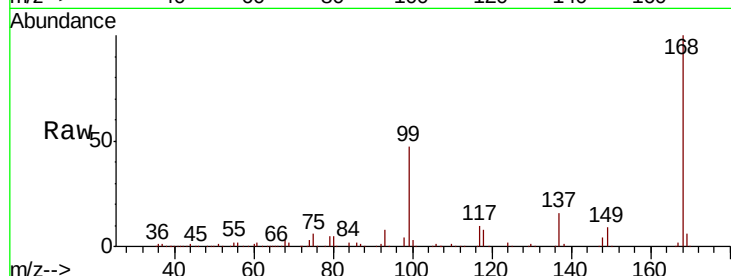
FL-0588DL

Tot Ion:168 Resp: 211372

Ion Ratio Lower Upper

168 100

99 47.4 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

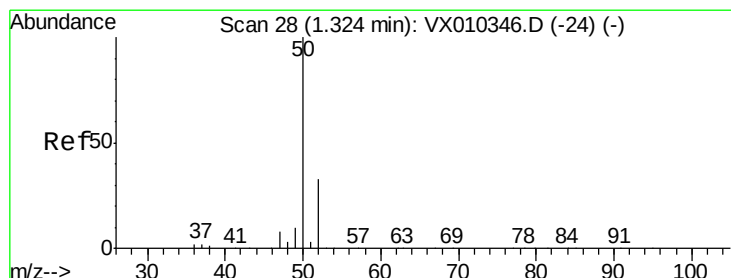
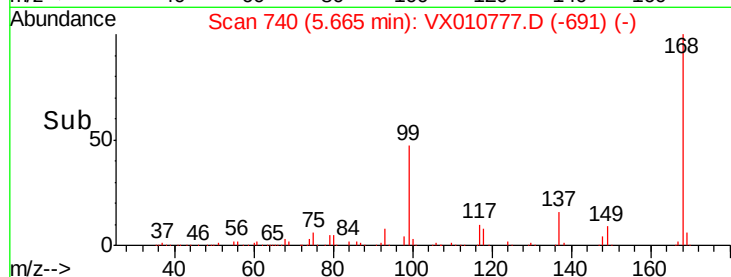
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.255 ug/l

RT: 1.34 min Scan# 30

Delta R.T. 0.01 min

Lab File: VX010777.D

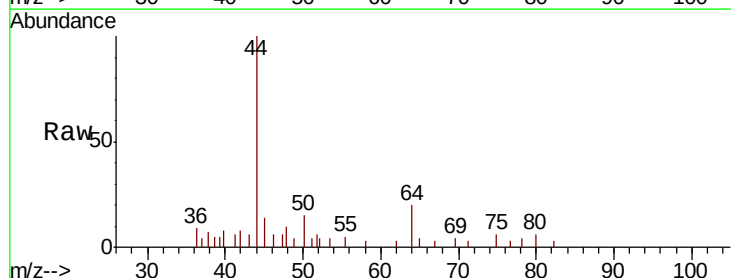
Acq: 10 Jul 2019 15:12

Tgt Ion: 50 Resp: 437

Ion Ratio Lower Upper

50 100

52 71.1 26.5 39.7#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.34

300

250

200

150

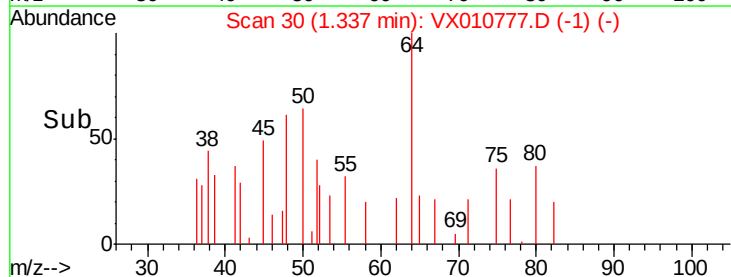
100

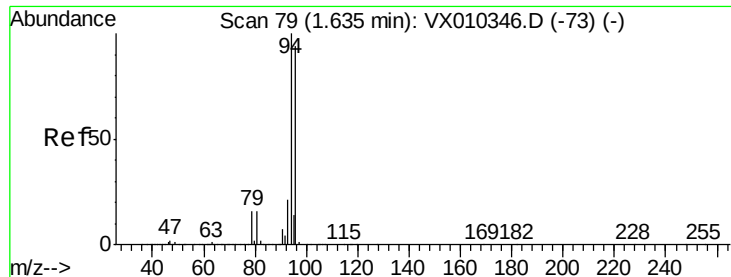
50

0

Time-->

1.30 1.32 1.34 1.36





#5

Bromomethane

Concen: 0.560 ug/l

RT: 1.65 min Scan# 82

Delta R.T. 0.02 min

Lab File: VX010777.D

Acq: 10 Jul 2019 15:12

Instrument :

MSVOA_X

ClientSampled :

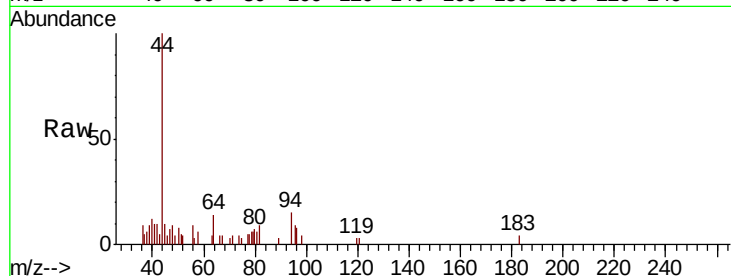
FL-0588DL

Tot Ion: 94 Resp: 511

Ion Ratio Lower Upper

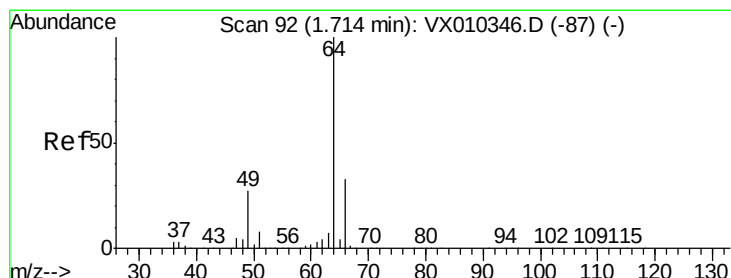
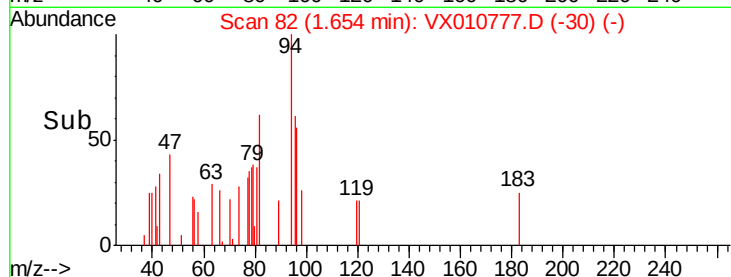
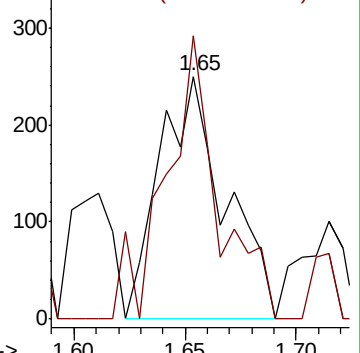
94 100

96 116.8 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: 0.317 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010777.D

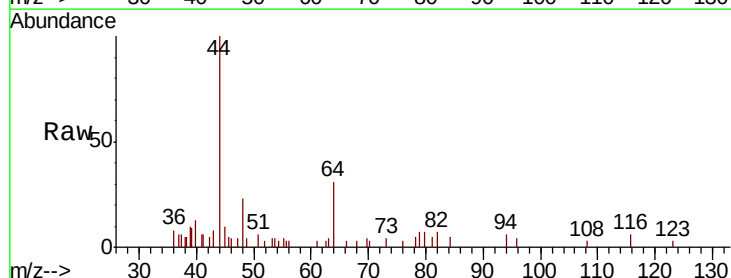
Acq: 10 Jul 2019 15:12

Tgt Ion: 64 Resp: 350

Ion Ratio Lower Upper

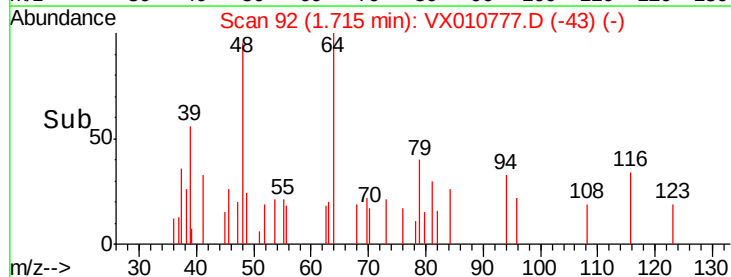
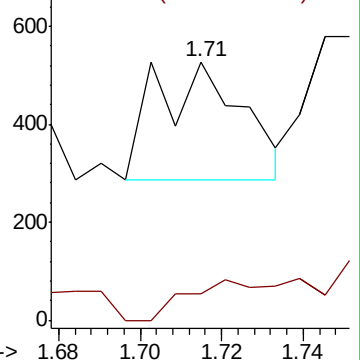
64 100

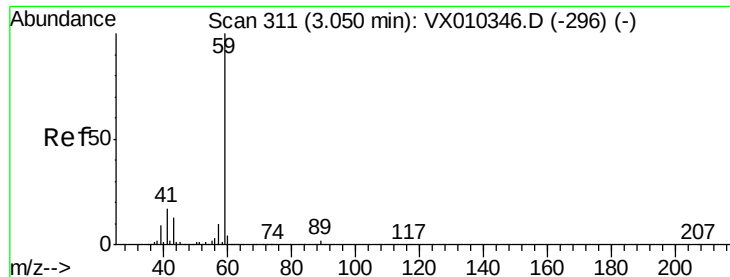
66 21.9 26.6 40.0#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

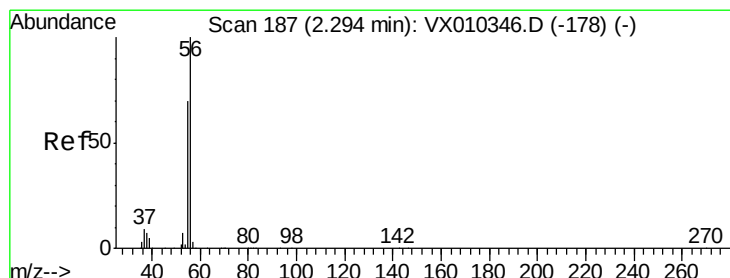
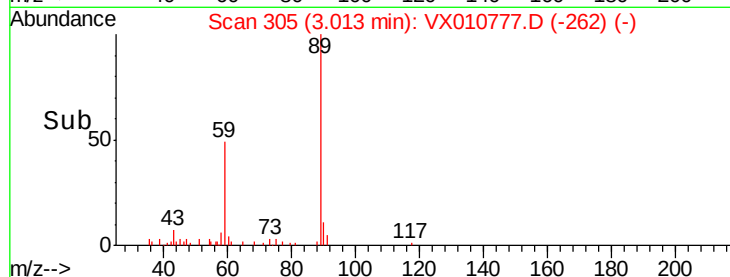
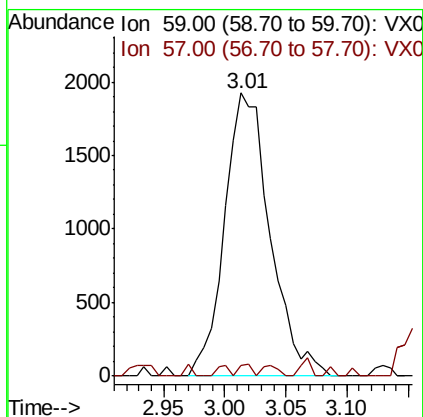
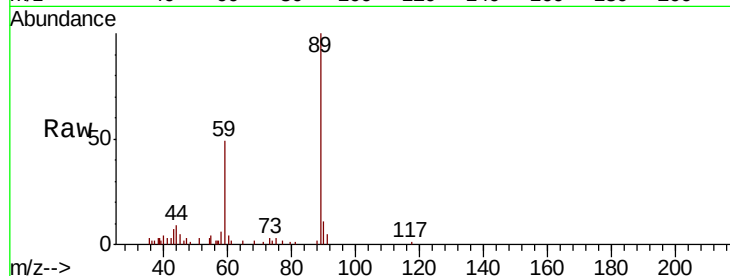




#11
Tert butyl alcohol
Concen: 9.576 ug/l
RT: 3.01 min Scan# 305
Delta R.T. -0.04 min
Lab File: VX010777.D
Acq: 10 Jul 2019 15:12

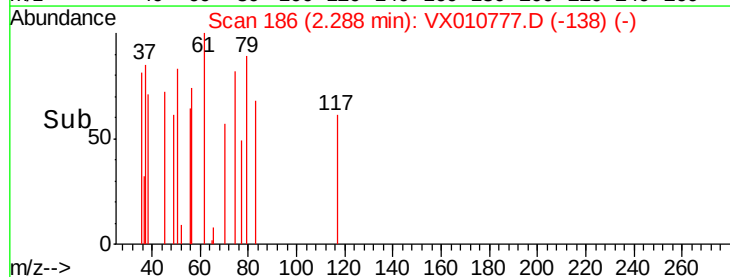
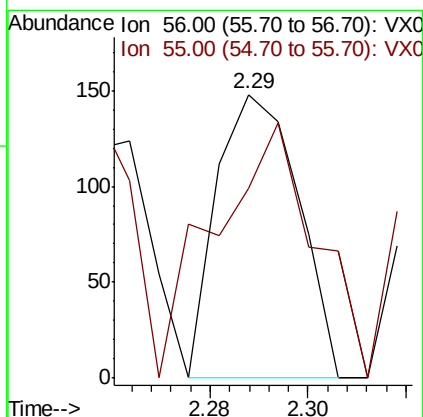
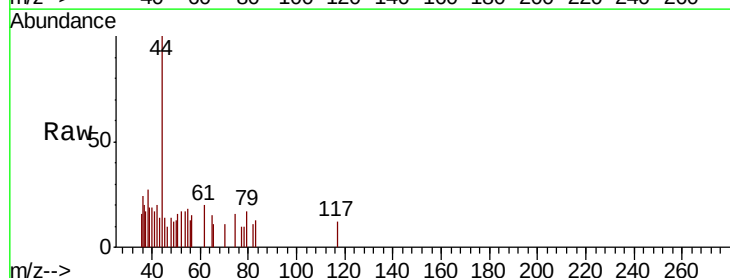
Instrument :
MSVOA_X
ClientSampled :
FL-0588DL

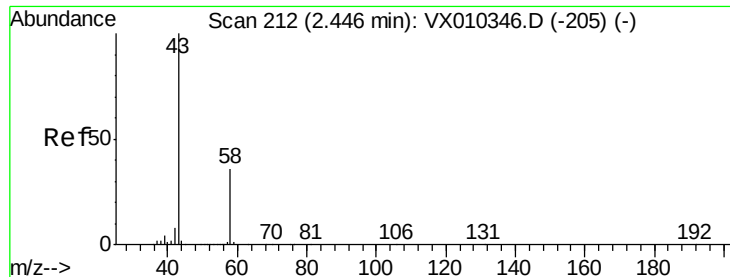
Tot Ion: 59 Resp: 4966
Ion Ratio Lower Upper
59 100
57 1.1 7.7 11.5#



#13
Acrolein
Concen: 0.500 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX010777.D
Acq: 10 Jul 2019 15:12

Tgt Ion: 56 Resp: 172
Ion Ratio Lower Upper
56 100
55 110.5 56.9 85.3#





#16

Acetone

Concen: 1.278 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010777.D

Acq: 10 Jul 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

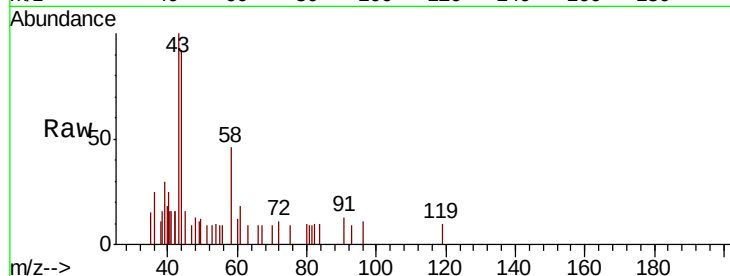
FL-0588DL

Tot Ion: 43 Resp: 1269

Ion Ratio Lower Upper

43 100

58 34.3 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

600

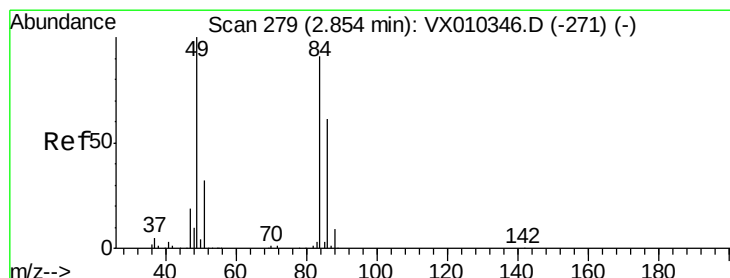
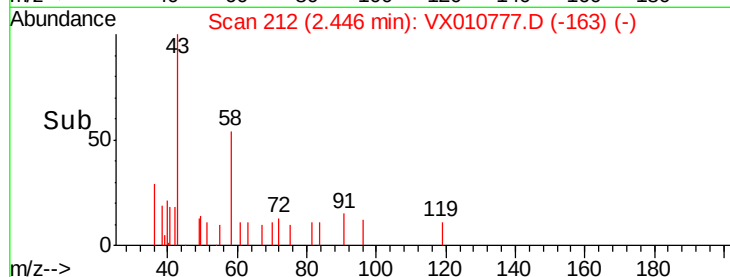
400

200

0

2.40 2.45 2.50

Time-->



#20

Methylene Chloride

Concen: 0.233 ug/l

RT: 2.85 min Scan# 279

Delta R.T. 0.00 min

Lab File: VX010777.D

Acq: 10 Jul 2019 15:12

Tgt Ion: 84 Resp: 476

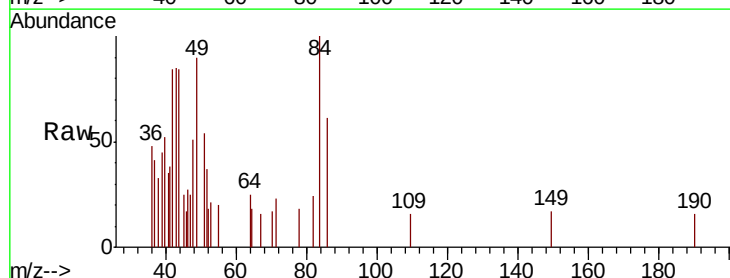
Ion Ratio Lower Upper

84 100

49 66.2 87.5 131.3#

51 30.8 27.7 41.5

86 41.2 53.4 80.0#



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

500

400

300

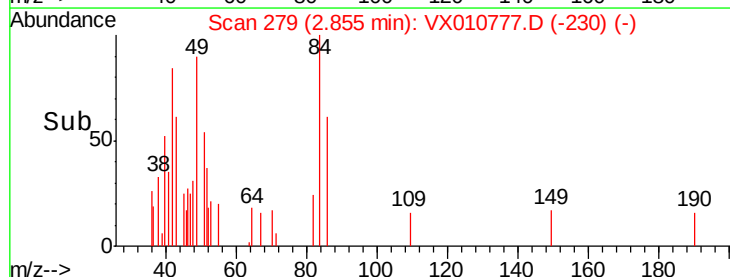
200

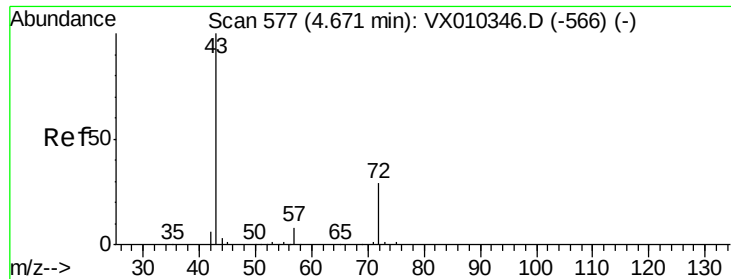
100

0

2.85 2.90

Time-->





#25

2-Butanone

Concen: 0.536 ug/l

RT: 4.69 min Scan# 580

Delta R.T. 0.02 min

Lab File: VX010777.D

Acq: 10 Jul 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

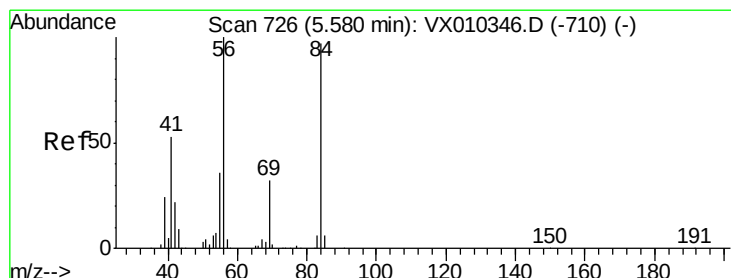
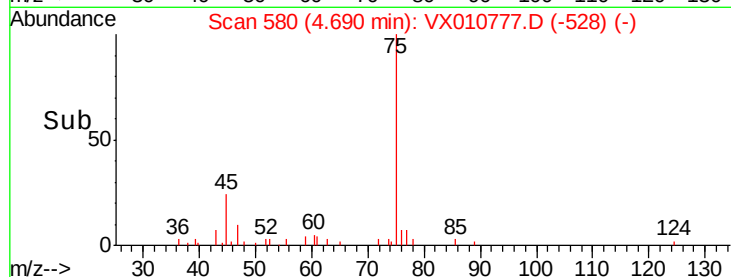
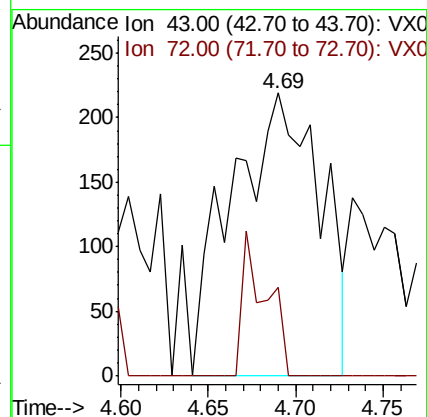
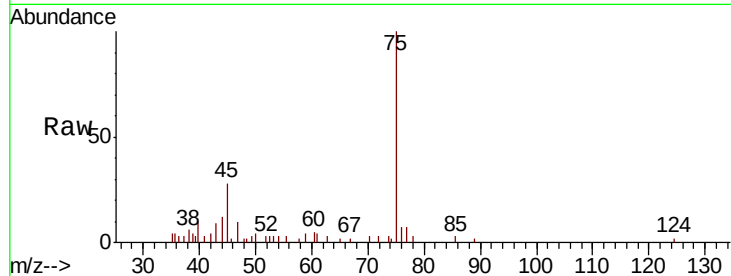
FL-0588DL

Tot Ion: 43 Resp: 781

Ion Ratio Lower Upper

43 100

72 31.1 23.3 34.9



#31

Cyclohexane

Concen: 1.684 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010777.D

Acq: 10 Jul 2019 15:12

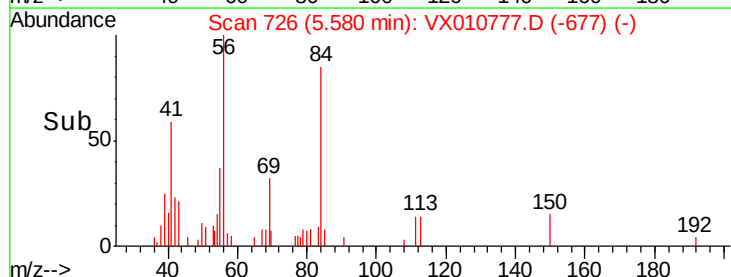
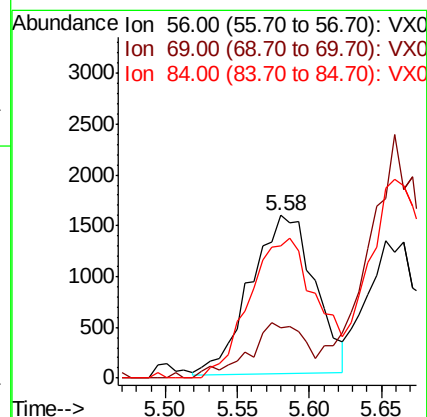
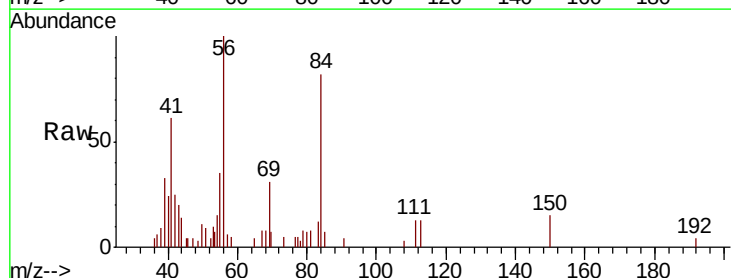
Tgt Ion: 56 Resp: 4820

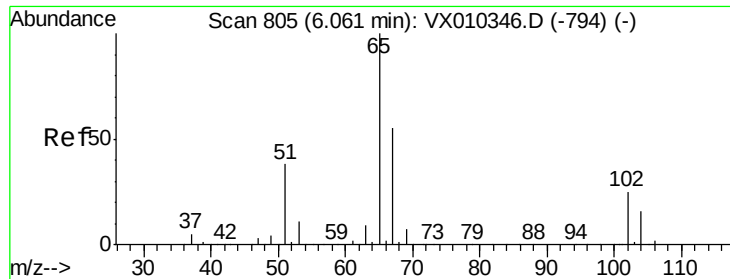
Ion Ratio Lower Upper

56 100

69 32.3 25.9 38.9

84 84.8 78.0 117.0

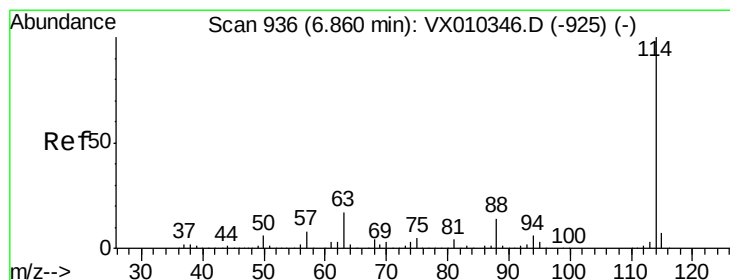
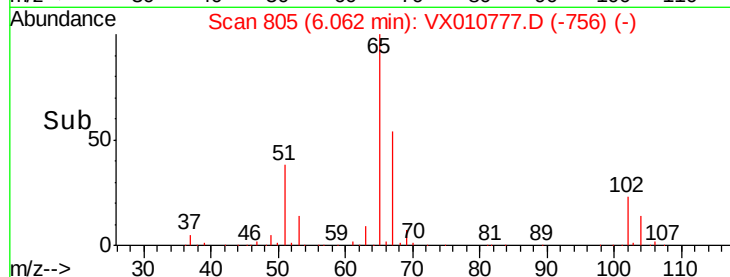
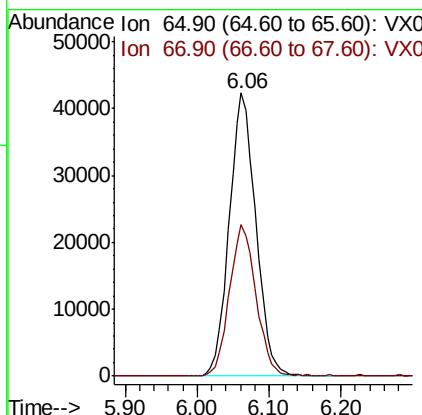
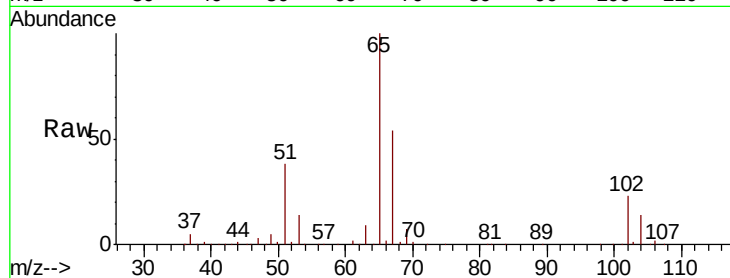




#33
 1,2-Dichloroethane-d4
 Concen: 54.871 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010777.D
 Acq: 10 Jul 2019 15:12

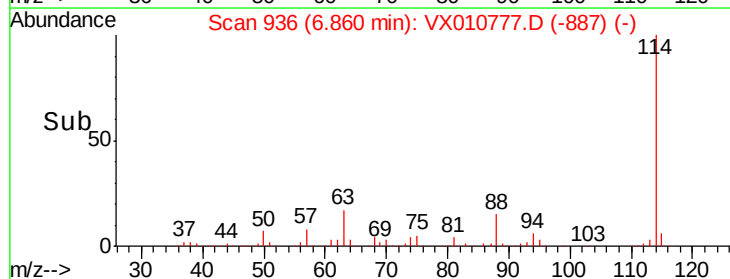
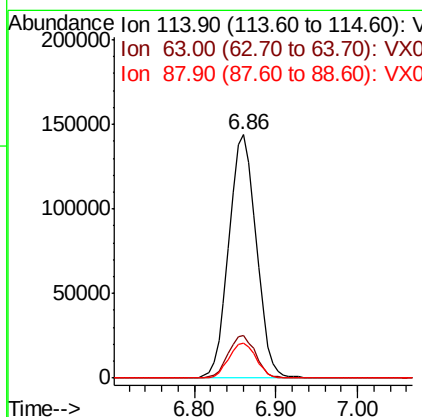
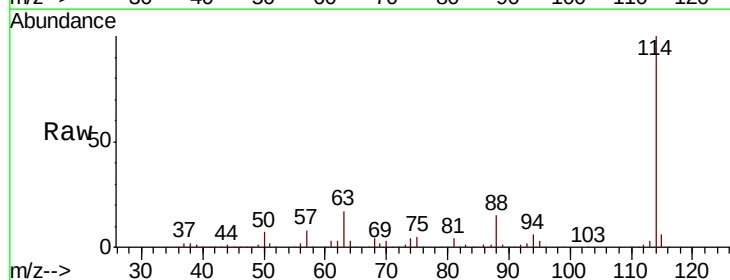
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0588DL

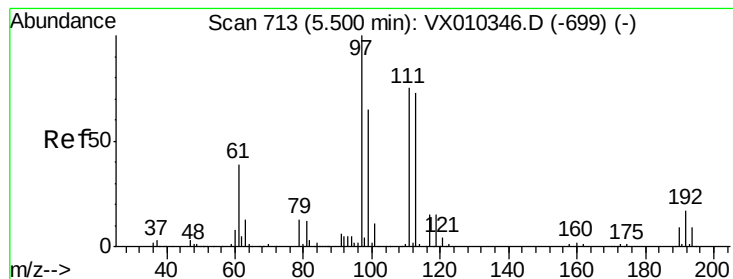
Tot Ion: 65 Resp: 108745
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010777.D
 Acq: 10 Jul 2019 15:12

Tgt Ion: 114 Resp: 334125
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 33.8
 88 14.5 0.0 27.6





#35

Dibromofluoromethane

Concen: 50.311 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010777.D

Acq: 10 Jul 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

FL-0588DL

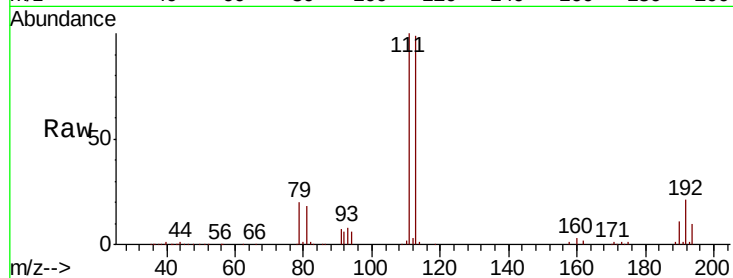
Tot Ion:113 Resp: 102850

Ion Ratio Lower Upper

113 100

111 101.4 81.2 121.8

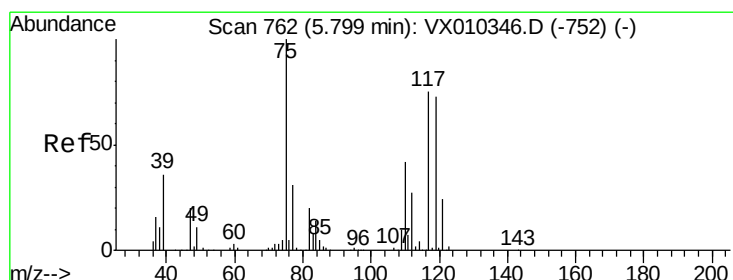
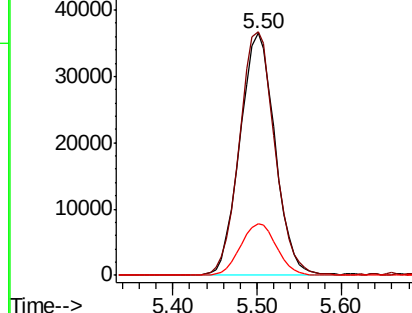
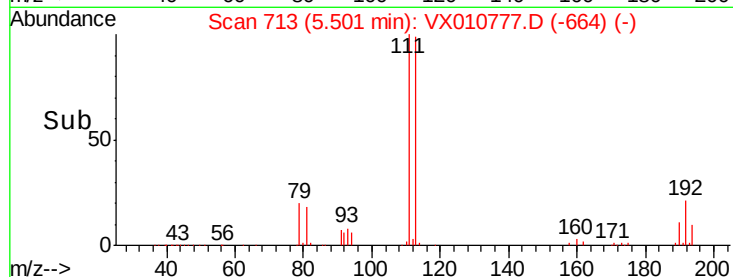
192 22.0 18.6 27.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 5.364 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX010777.D

Acq: 10 Jul 2019 15:12

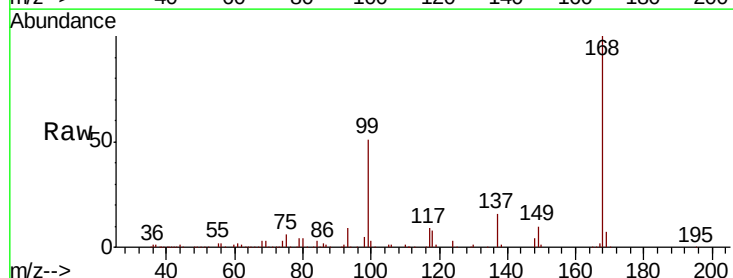
Tgt Ion: 75 Resp: 14243

Ion Ratio Lower Upper

75 100

110 10.8 20.8 62.2#

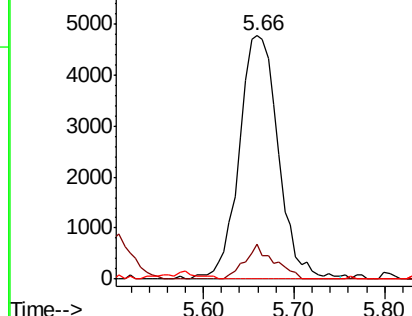
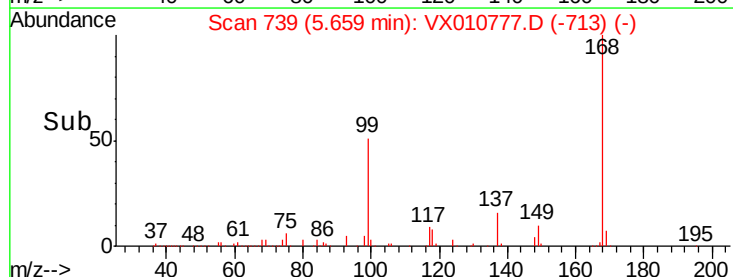
77 0.0 25.4 38.0#

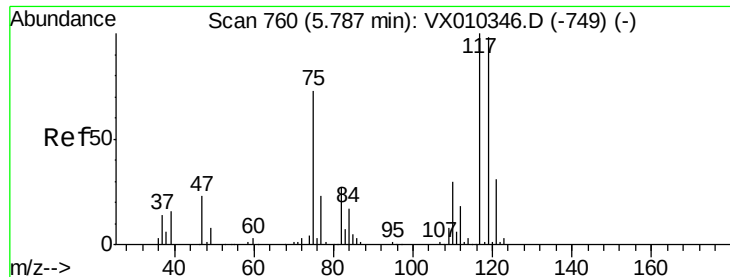


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.818 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX010777.D

Acq: 10 Jul 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

FL-0588DL

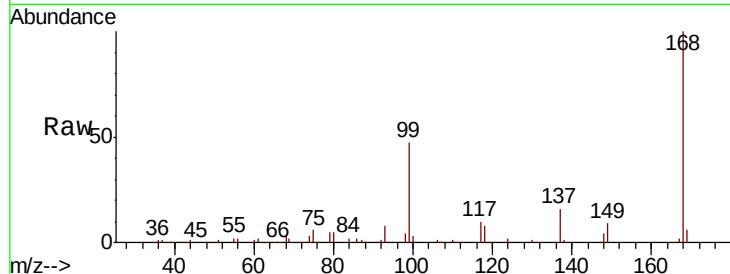
Tot Ion:117 Resp: 19603

Ion Ratio Lower Upper

117 100

119 4.5 78.2 117.4#

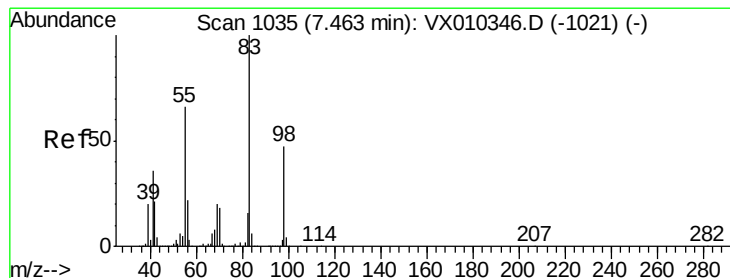
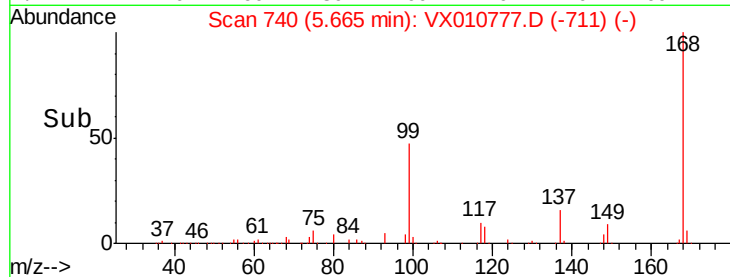
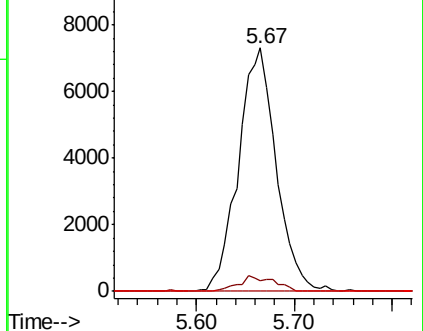
121 0.0 24.7 37.1#



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: 1.926 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX010777.D

Acq: 10 Jul 2019 15:12

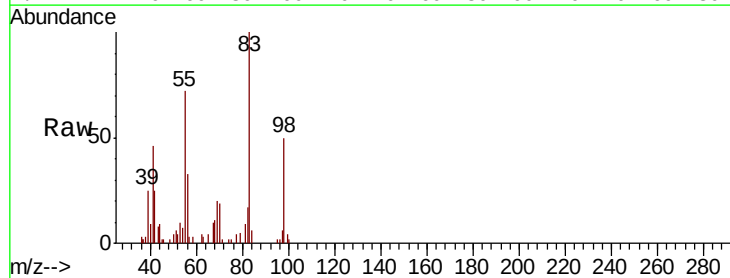
Tgt Ion: 83 Resp: 6723

Ion Ratio Lower Upper

83 100

55 67.9 53.0 79.6

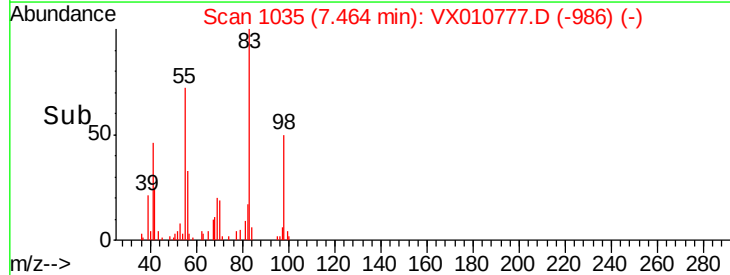
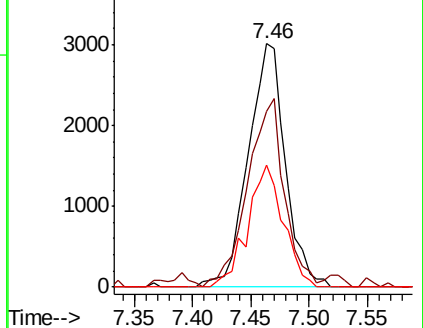
98 50.0 37.8 56.8

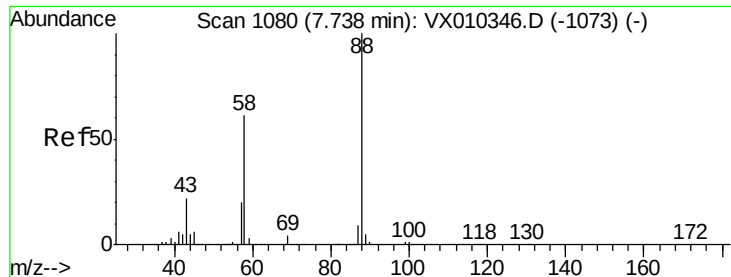


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

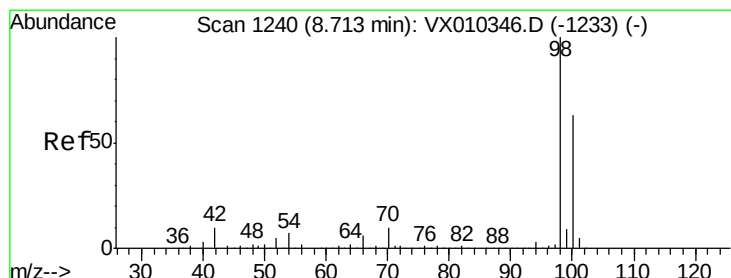
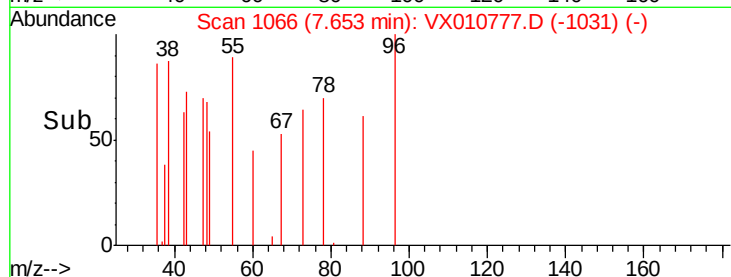
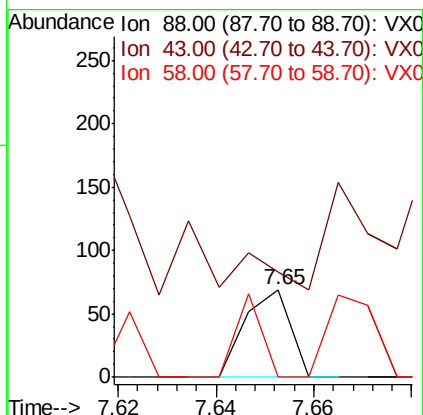
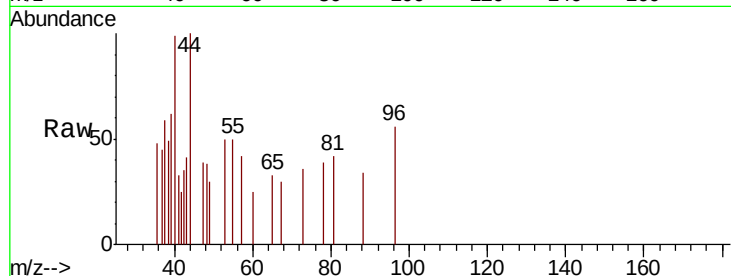




#49
1,4-Dioxane
Concen: 0.727 ug/l
RT: 7.65 min Scan# 1066
Delta R.T. -0.09 min
Lab File: VX010777.D
Acq: 10 Jul 2019 15:12

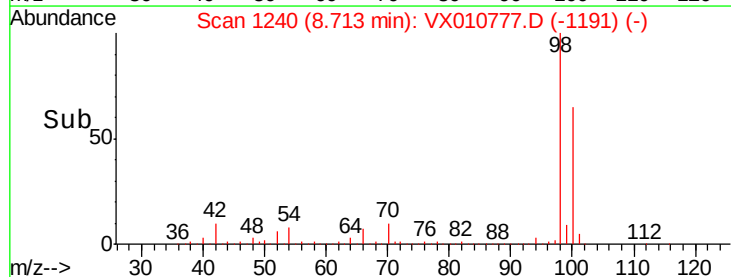
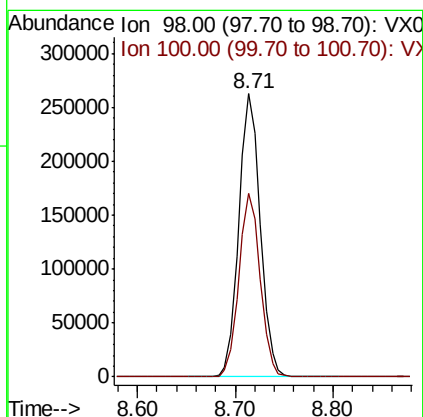
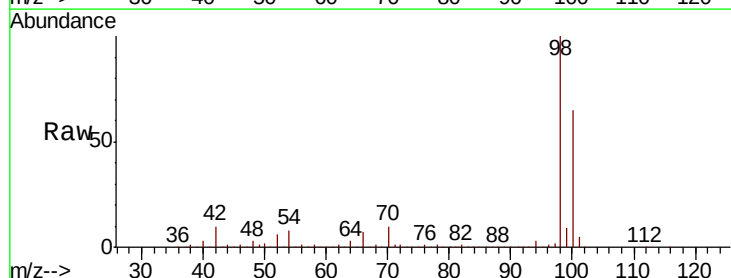
Instrument :
MSVOA_X
ClientSampled :
FL-0588DL

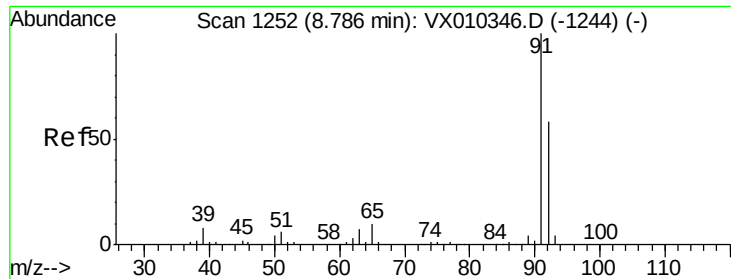
Tot Ion: 88 Resp: 44
Ion Ratio Lower Upper
88 100
43 0.0 20.2 30.2#
58 54.5 49.5 74.3



#50
Toluene-d8
Concen: 51.162 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010777.D
Acq: 10 Jul 2019 15:12

Tgt Ion: 98 Resp: 400146
Ion Ratio Lower Upper
98 100
100 64.3 51.6 77.4





#52

Toluene

Concen: 0.250 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX010777.D

Acq: 10 Jul 2019 15:12

Instrument :

MSVOA_X

ClientSampled :

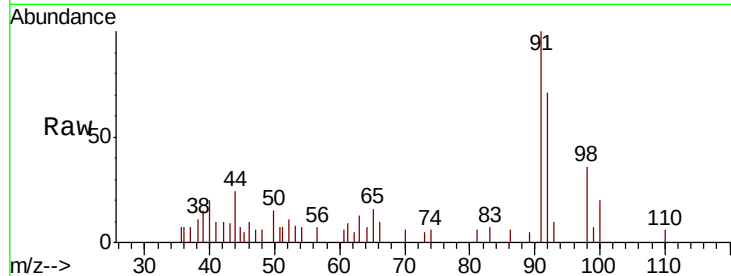
FL-0588DL

Tot Ion: 92 Resp: 1364

Ion Ratio Lower Upper

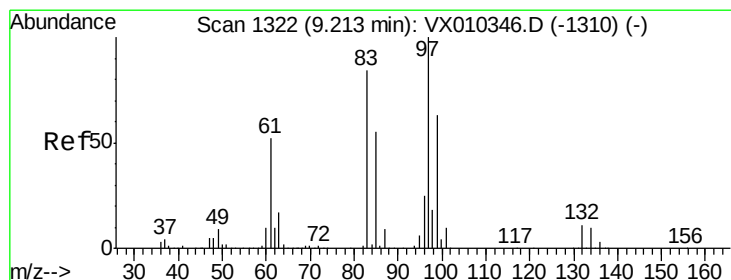
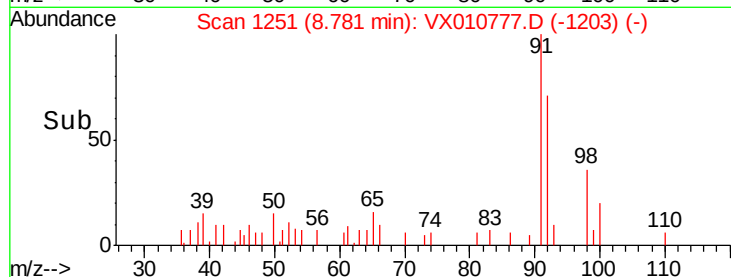
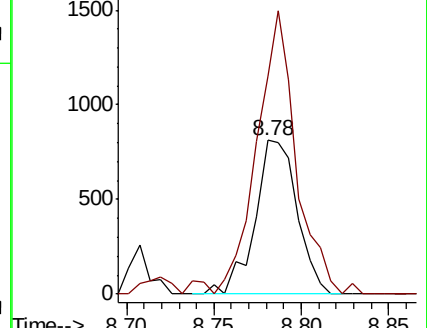
92 100

91 176.3 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#55

1,1,2-Trichloroethane

Concen: 0.215 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX010777.D

Acq: 10 Jul 2019 15:12

Tgt Ion: 97 Resp: 483

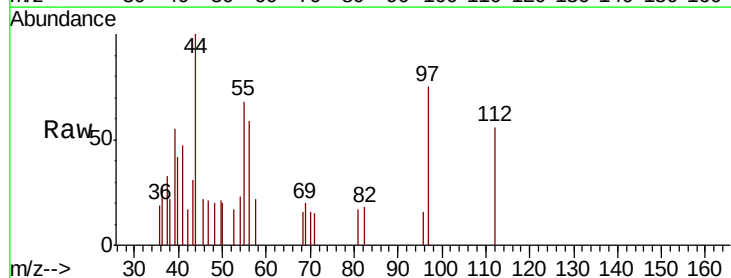
Ion Ratio Lower Upper

97 100

83 0.0 67.4 101.0#

85 0.0 43.8 65.8#

99 0.0 50.3 75.5#

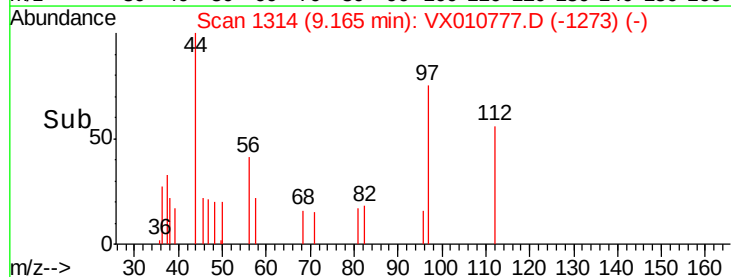
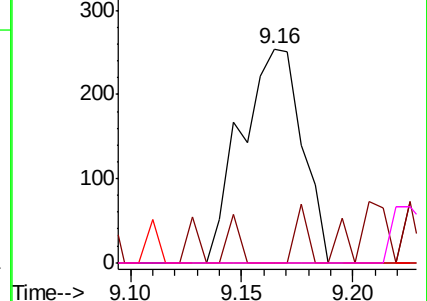


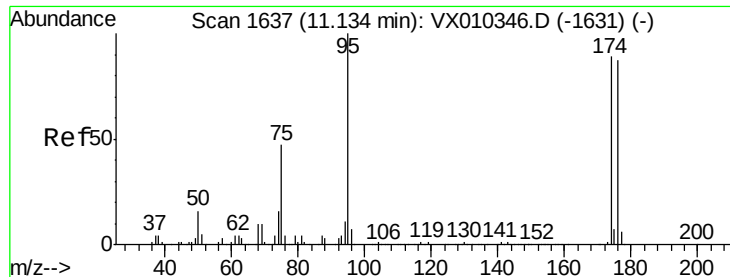
Abundance Ion 96.90 (96.60 to 97.60): VX0

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





#62

4-Bromofluorobenzene

Concen: 49.629 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010777.D

Acq: 10 Jul 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

FL-0588DL

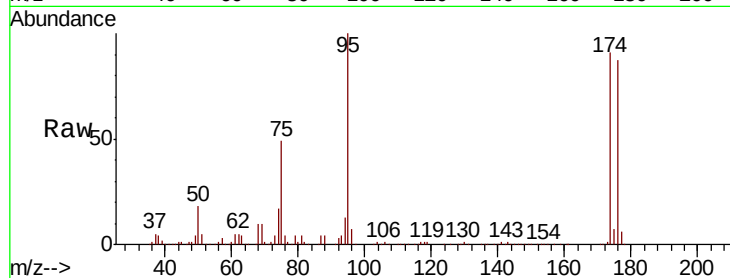
Tot Ion: 95 Resp: 140135

Ion Ratio Lower Upper

95 100

174 94.4 0.0 187.6

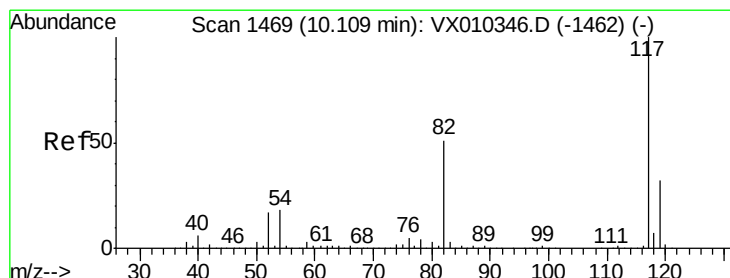
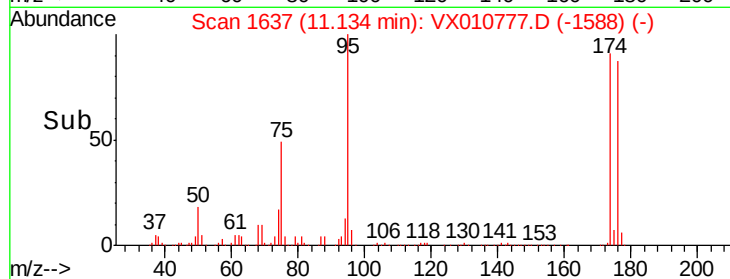
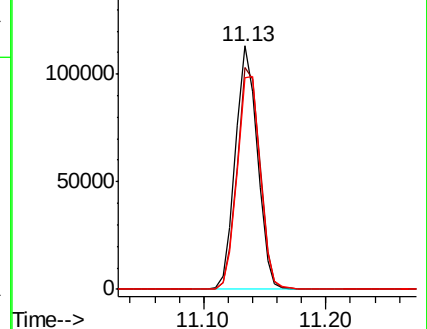
176 91.9 0.0 184.0



Abundance Ion 94.90 (94.60 to 95.60): VX010777.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX010777.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX010777.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010777.D

Acq: 10 Jul 2019 15:12

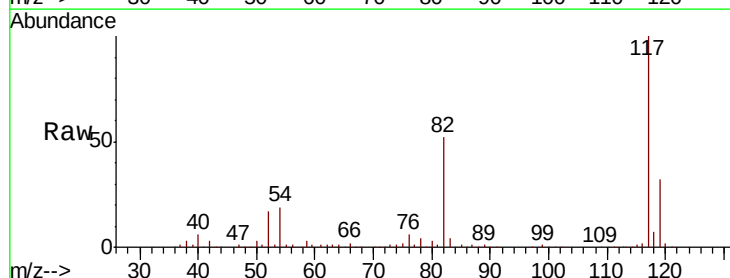
Tgt Ion: 117 Resp: 309638

Ion Ratio Lower Upper

117 100

82 51.6 41.2 61.8

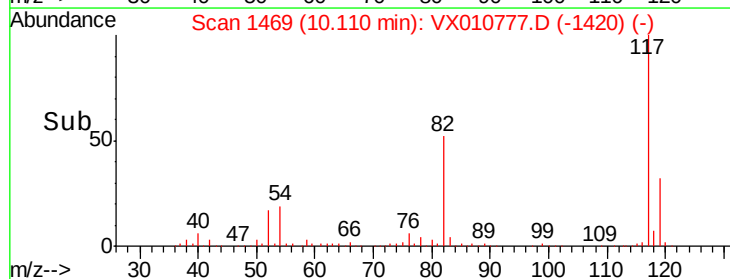
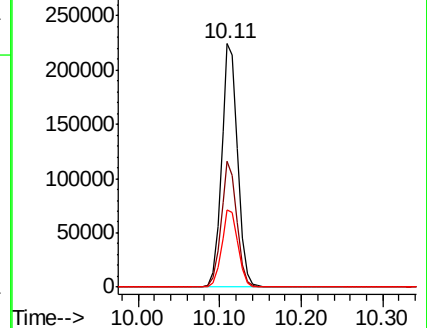
119 31.5 25.5 38.3

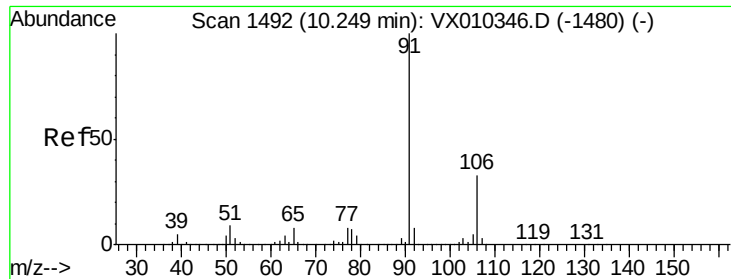


Abundance Ion 116.90 (116.60 to 117.60): VX010777.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX010777.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX010777.D (-1420) (-)

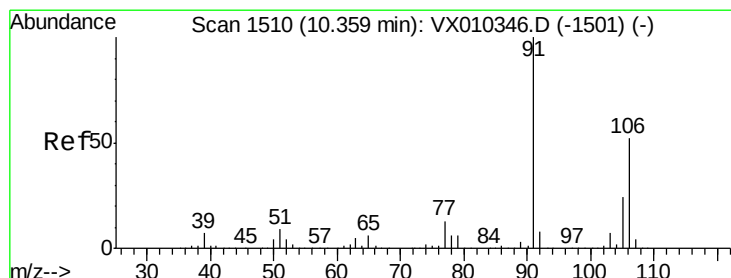
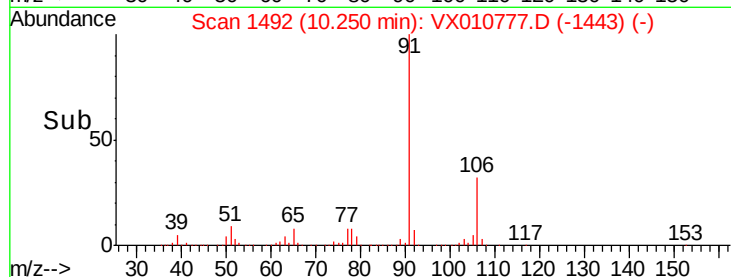
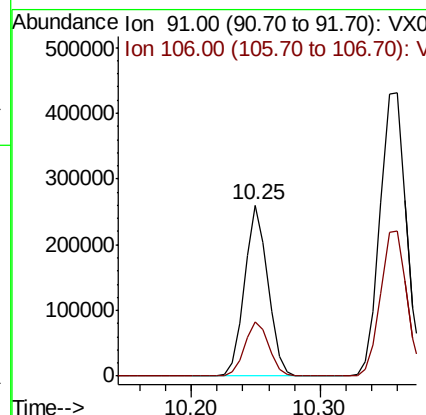
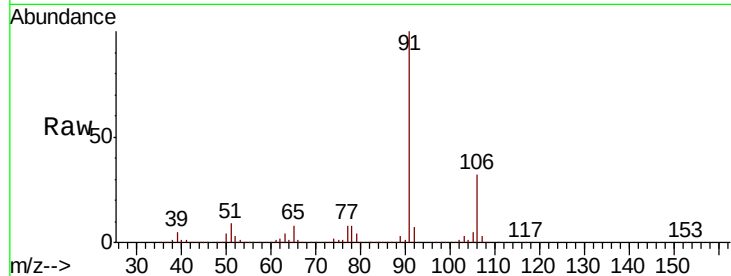




#67
Ethyl Benzene
Concen: 30.761 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010777.D
Acq: 10 Jul 2019 15:12

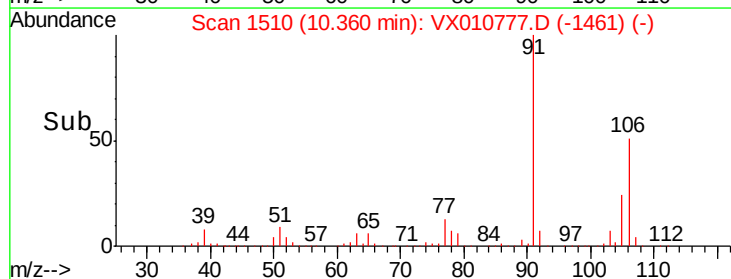
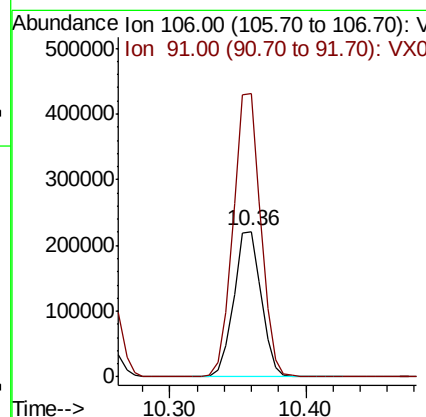
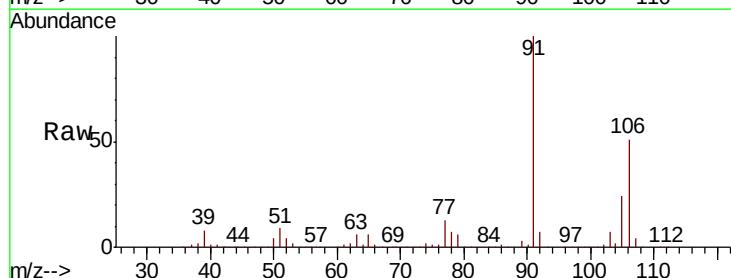
Instrument :
MSVOA_X
ClientSampleID :
FL-0588DL

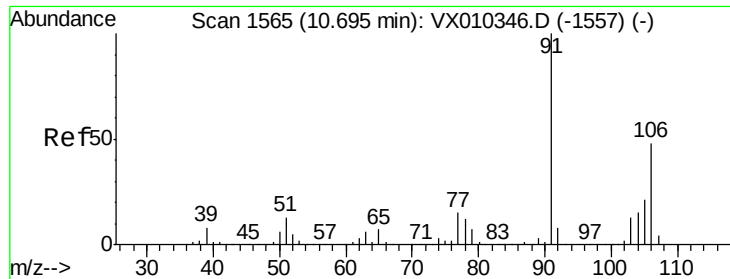
Tot Ion: 91 Resp: 326455
Ion Ratio Lower Upper
91 100
106 31.6 26.2 39.2



#68
m/p-Xylenes
Concen: 75.218 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010777.D
Acq: 10 Jul 2019 15:12

Tgt Ion: 106 Resp: 309306
Ion Ratio Lower Upper
106 100
91 195.7 155.3 232.9

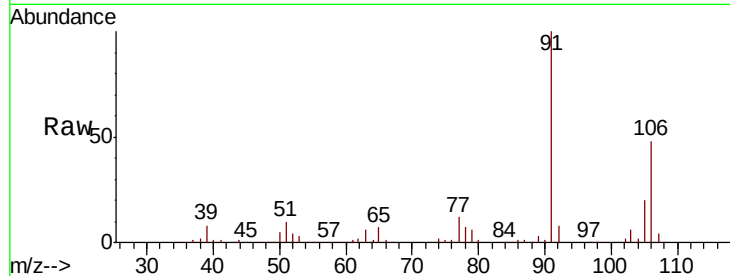




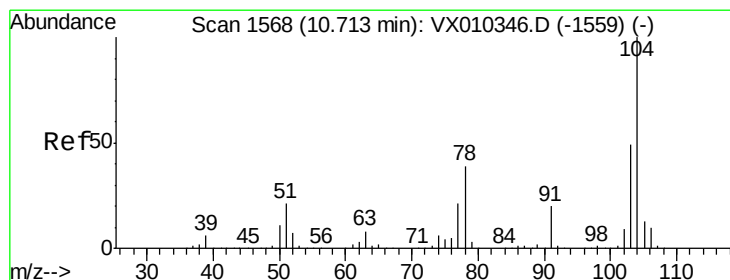
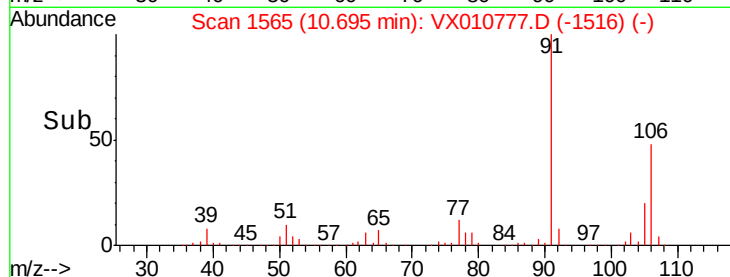
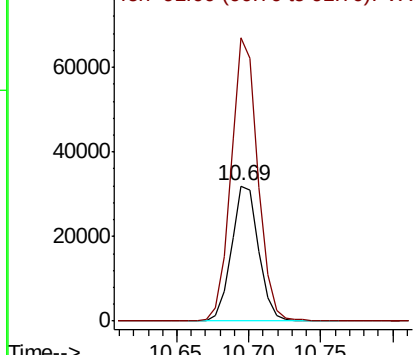
#69
o-Xylene
Concen: 10.459 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010777.D
Acq: 10 Jul 2019 15:12

Instrument :
MSVOA_X
ClientSampled :
FL-0588DL

Tot Ion:106 Resp: 42294
Ion Ratio Lower Upper
106 100
91 206.0 102.7 308.1

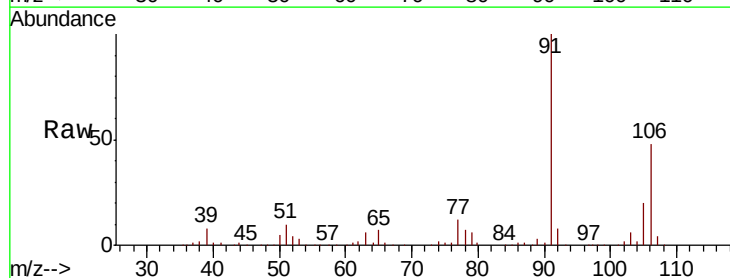


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

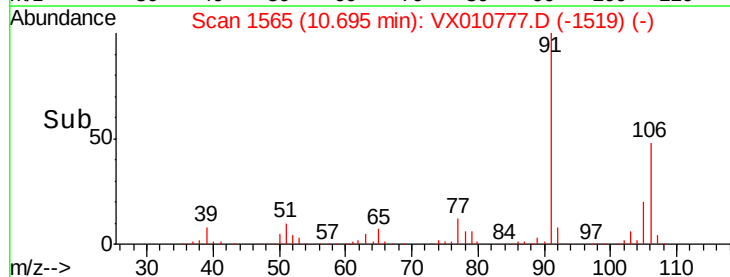
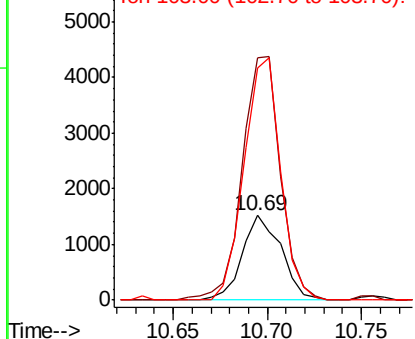


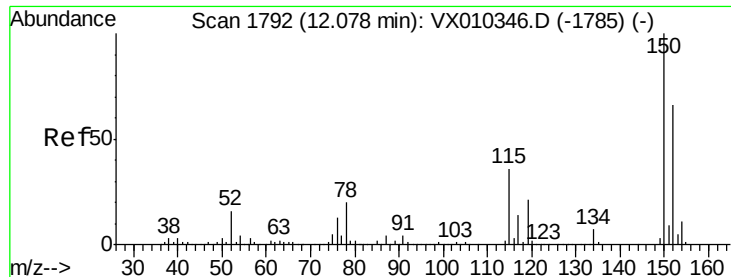
#70
Styrene
Concen: 0.322 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.02 min
Lab File: VX010777.D
Acq: 10 Jul 2019 15:12

Tgt Ion:104 Resp: 2185
Ion Ratio Lower Upper
104 100
78 281.5 36.2 54.2#
103 267.6 44.2 66.4#



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V



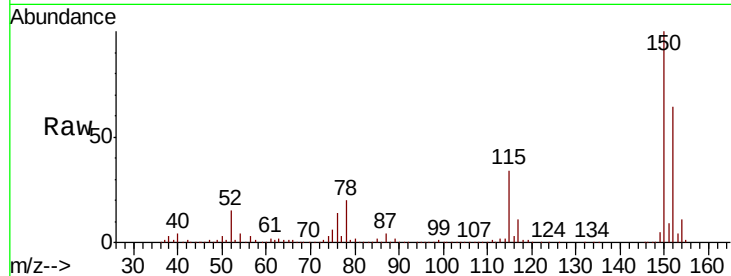


#72

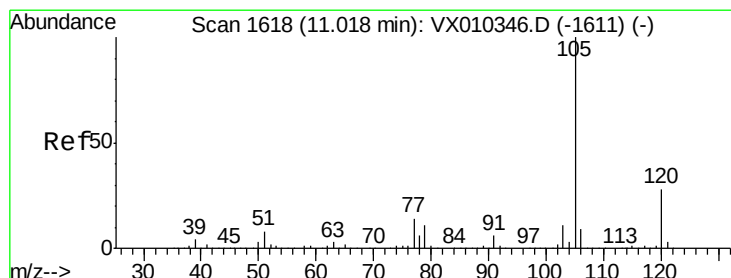
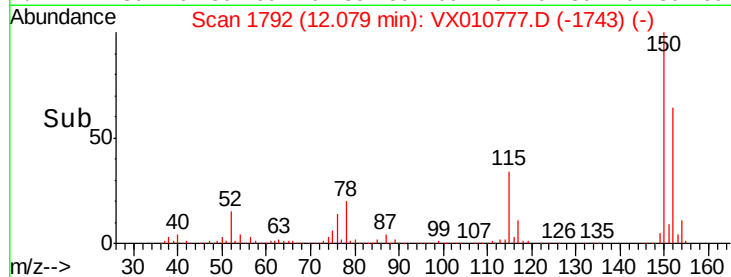
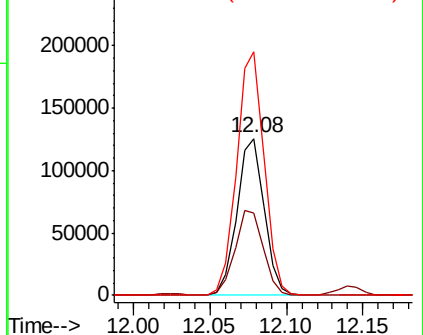
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010777.D
Acq: 10 Jul 2019 15:12

Instrument :
MSVOA_X
ClientSampled :
FL-0588DL

Tot Ion:152 Resp: 154691
Ion Ratio Lower Upper
152 100
115 56.6 38.6 115.7
150 156.2 0.0 347.4



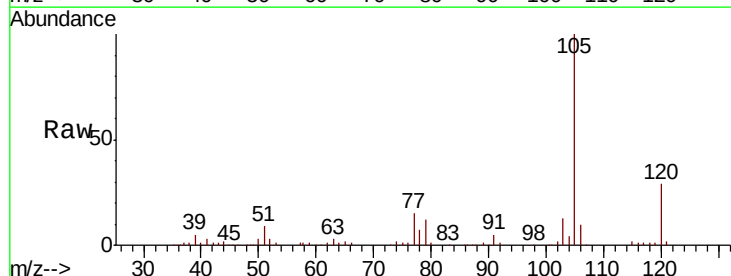
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



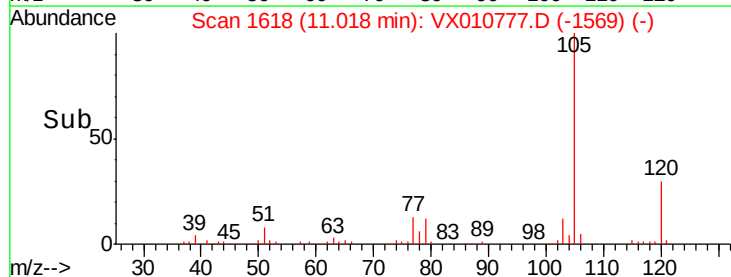
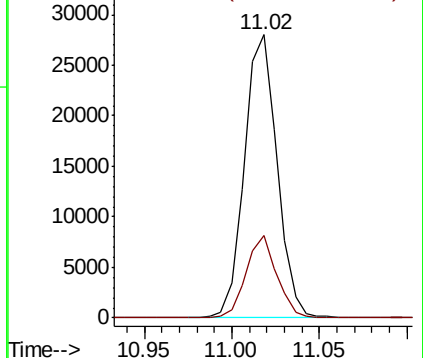
#73

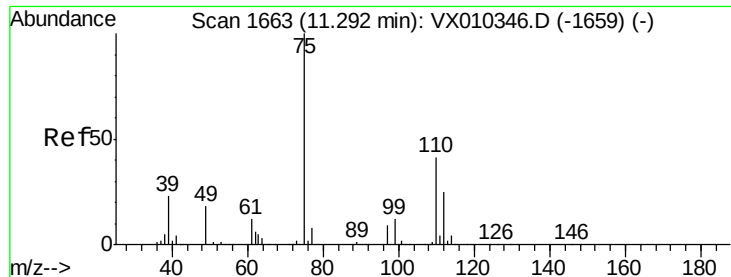
Isopropylbenzene
Concen: 3.464 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX010777.D
Acq: 10 Jul 2019 15:12

Tgt Ion:105 Resp: 36323
Ion Ratio Lower Upper
105 100
120 27.5 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#76

1,2,3-Trichloropropane

Concen: 24.603 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010777.D

Acq: 10 Jul 2019 15:12

Instrument :

MSVOA_X

ClientSampled :

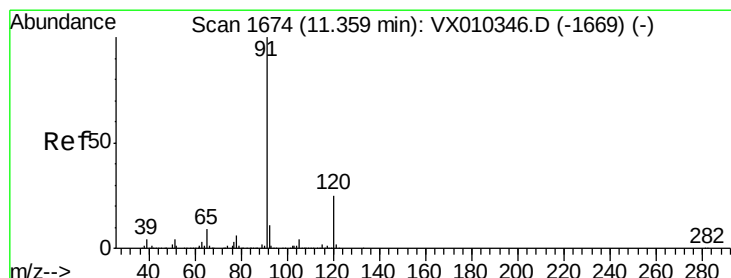
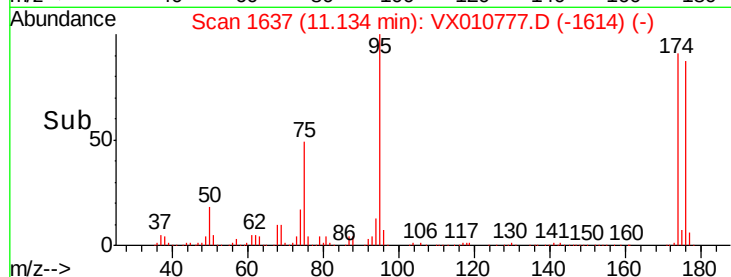
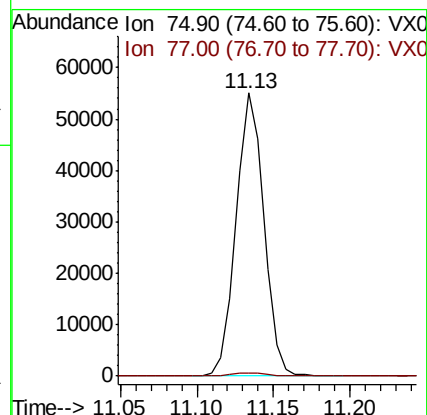
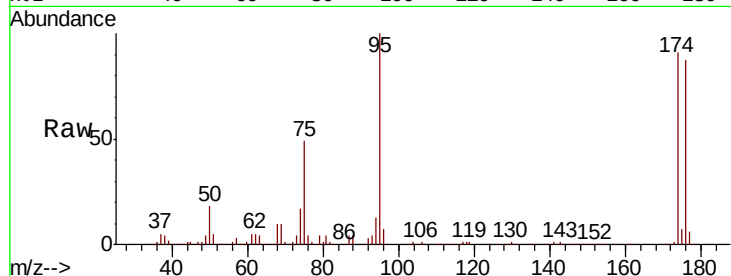
FL-0588DL

Tot Ion: 75 Resp: 69352

Ion Ratio Lower Upper

75 100

77 1.3 22.6 67.8#



#78

n-propylbenzene

Concen: 5.868 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010777.D

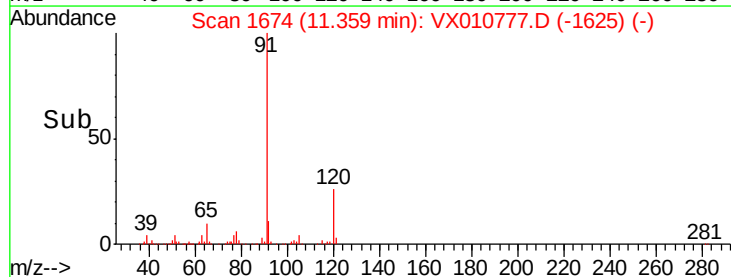
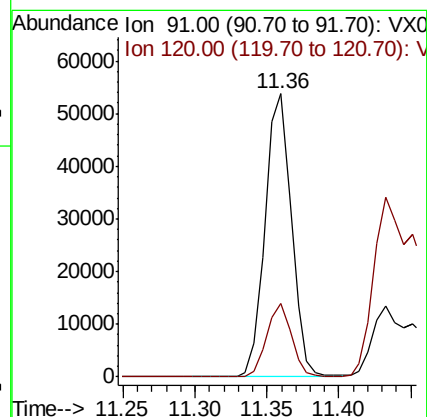
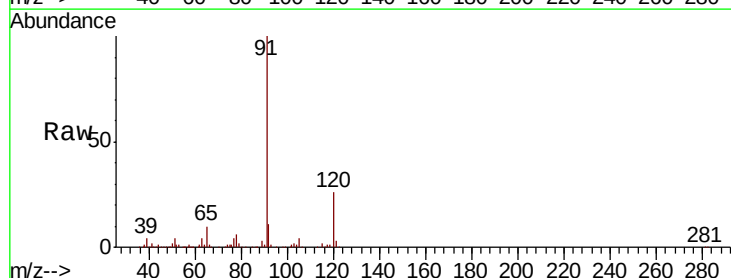
Acq: 10 Jul 2019 15:12

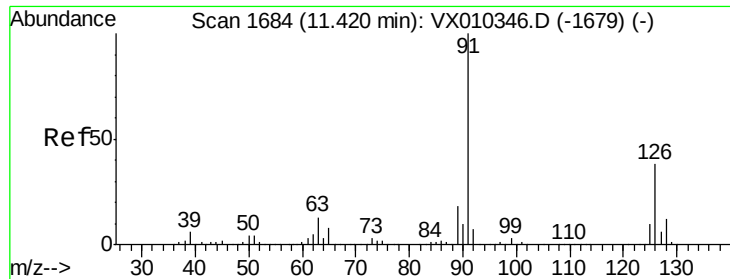
Tgt Ion: 91 Resp: 67628

Ion Ratio Lower Upper

91 100

120 24.7 12.4 37.4

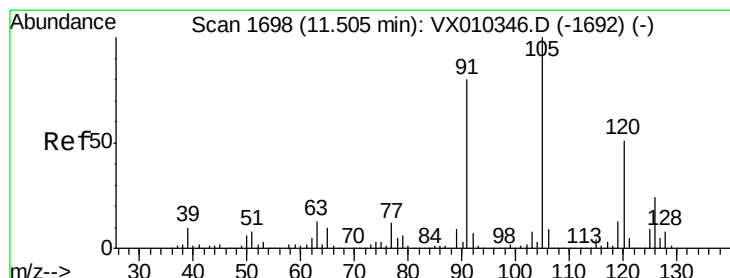
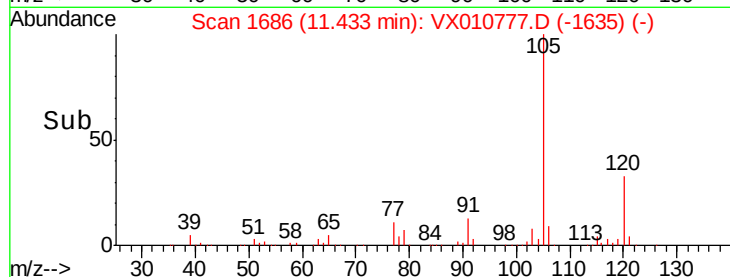
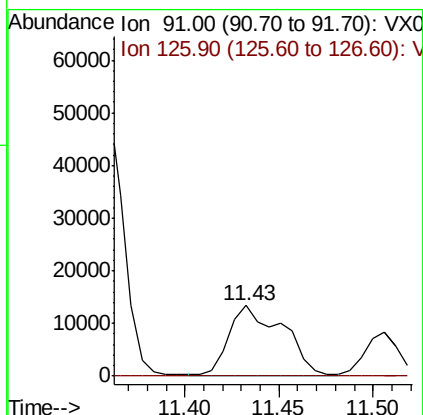
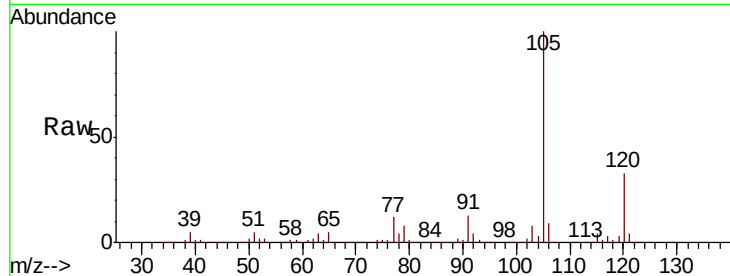




#79
 2-Chlorotoluene
 Concen: 3.884 ug/l
 RT: 11.43 min Scan# 1686
 Delta R.T. 0.01 min
 Lab File: VX010777.D
 Acq: 10 Jul 2019 15:12

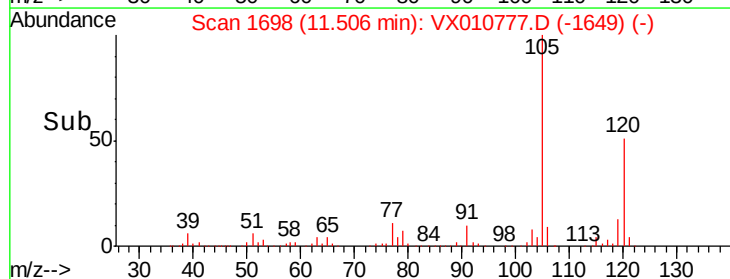
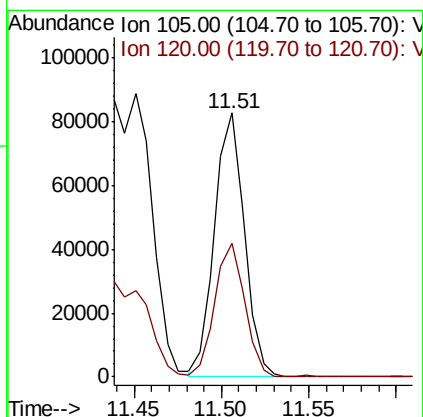
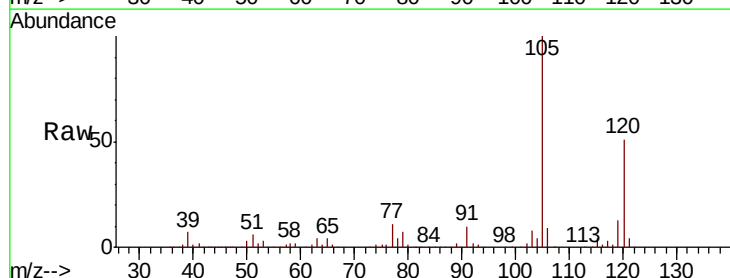
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0588DL

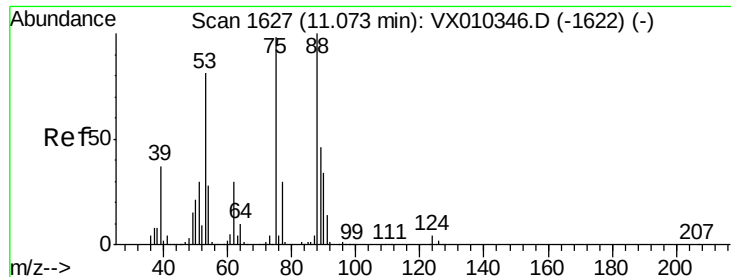
Tot Ion: 91 Resp: 26653
 Ion Ratio Lower Upper
 91 100
 126 0.2 18.7 56.1#



#80
 1,3,5-Trimethylbenzene
 Concen: 11.372 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010777.D
 Acq: 10 Jul 2019 15:12

Tgt Ion: 105 Resp: 98303
 Ion Ratio Lower Upper
 105 100
 120 51.3 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 57.396 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010777.D

Acq: 10 Jul 2019 15:12

Instrument :

MSVOA_X

ClientSampled :

FL-0588DL

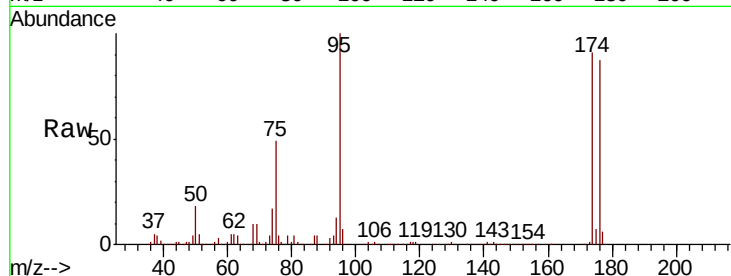
Tot Ion: 75 Resp: 69352

Ion Ratio Lower Upper

75 100

53 0.2 66.1 99.1#

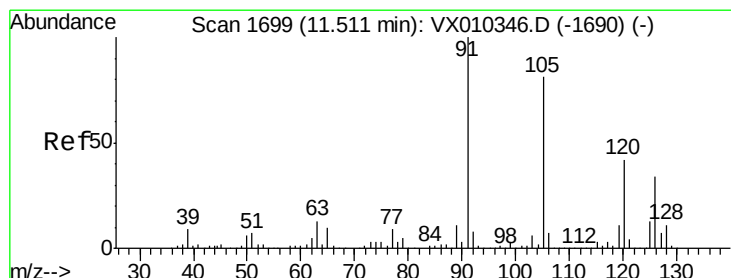
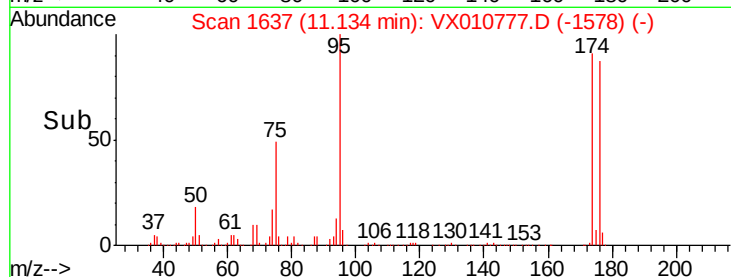
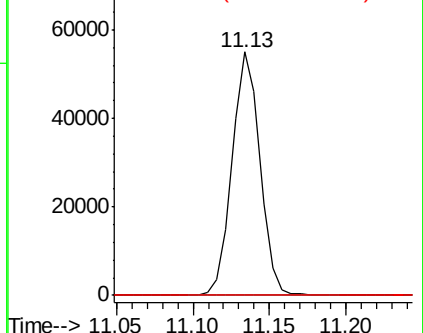
89 0.0 37.8 56.6#



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: 1.318 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX010777.D

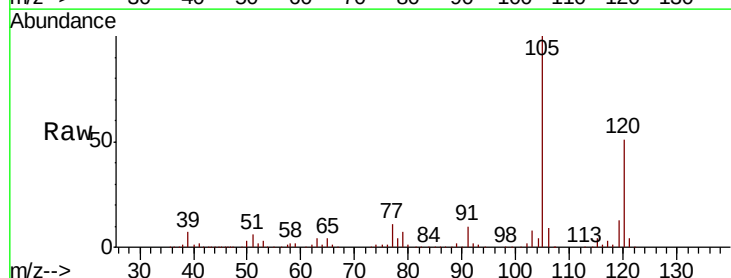
Acq: 10 Jul 2019 15:12

Tgt Ion: 91 Resp: 10294

Ion Ratio Lower Upper

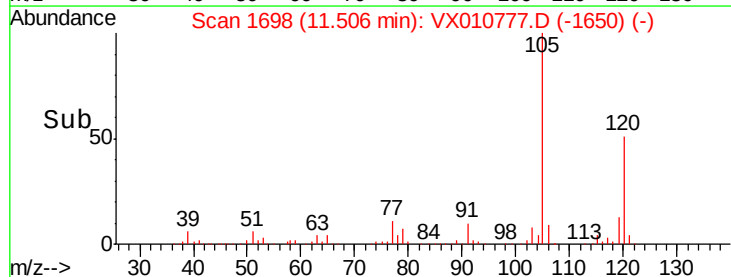
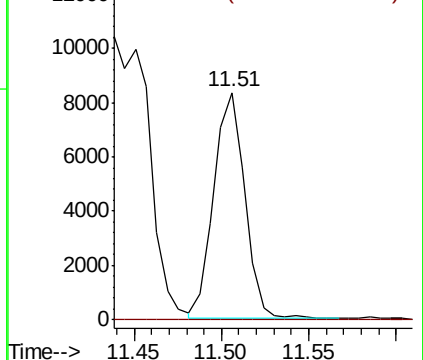
91 100

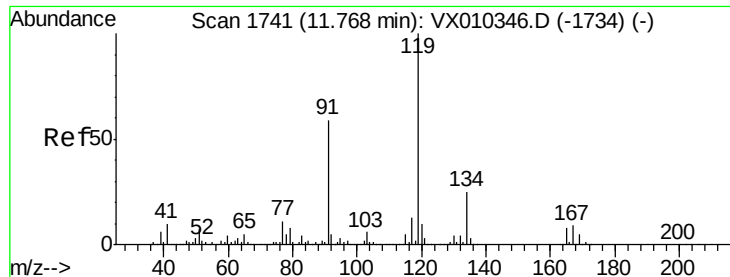
126 0.0 16.2 48.6#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

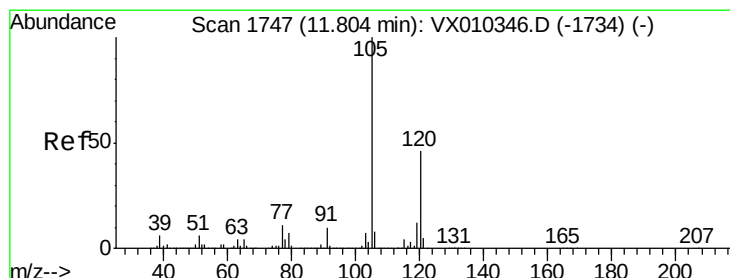
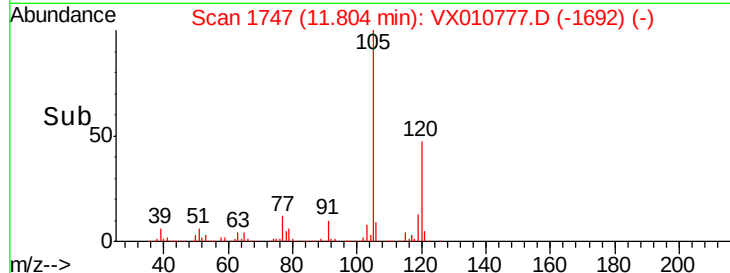
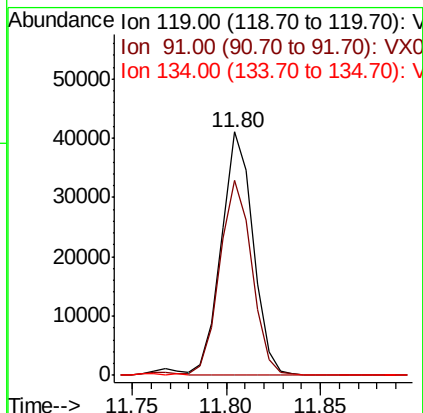
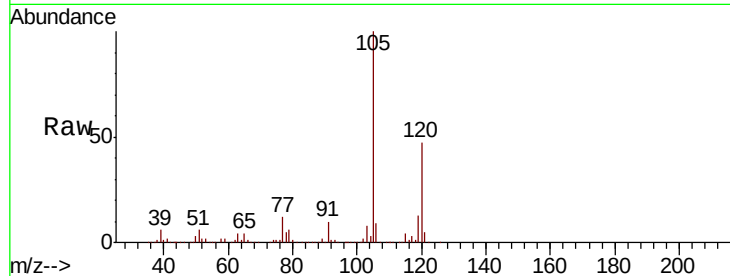




#83
 tert-Butylbenzene
 Concen: 5.554 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.04 min
 Lab File: VX010777.D
 Acq: 10 Jul 2019 15:12

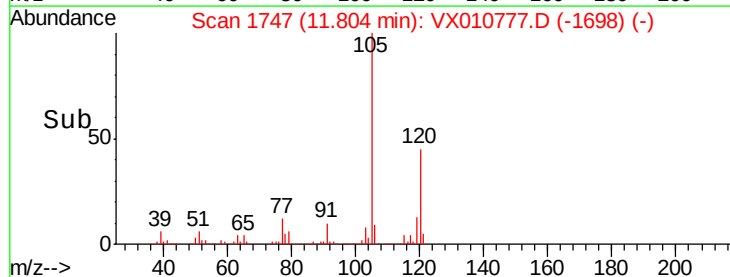
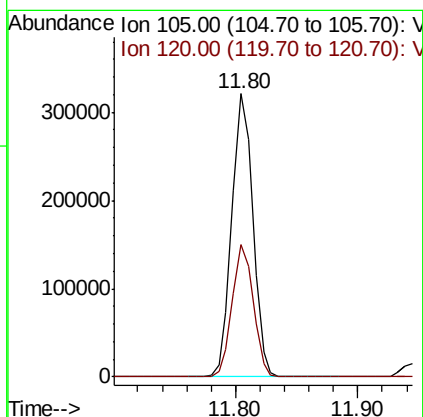
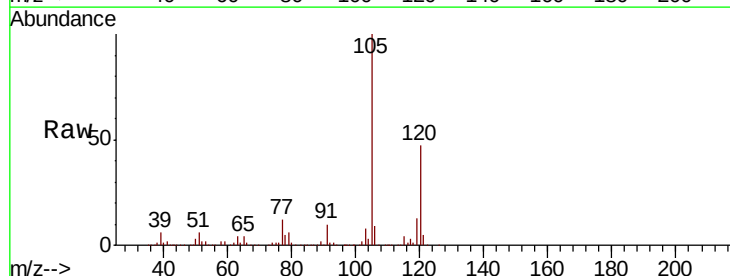
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0588DL

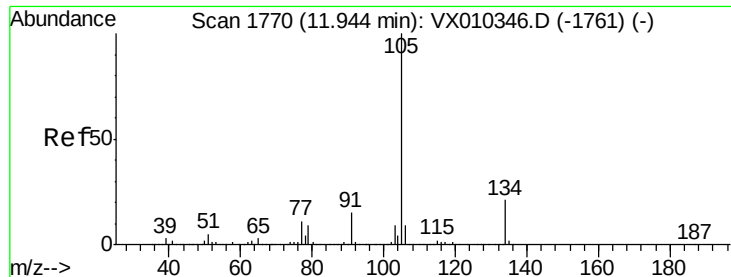
Tot Ion:119 Resp: 48186
 Ion Ratio Lower Upper
 119 100
 91 82.5 27.6 82.7
 134 0.0 11.8 35.4#



#84
 1,2,4-Trimethylbenzene
 Concen: 43.853 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010777.D
 Acq: 10 Jul 2019 15:12

Tgt Ion:105 Resp: 380867
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.1 69.2

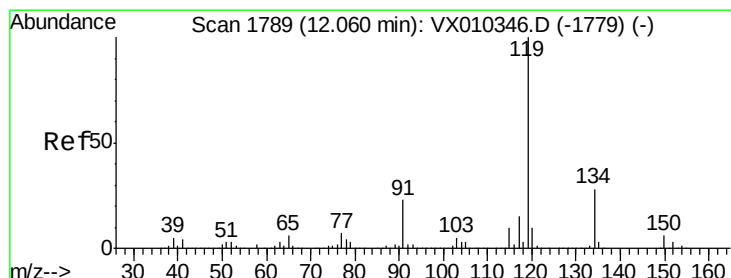
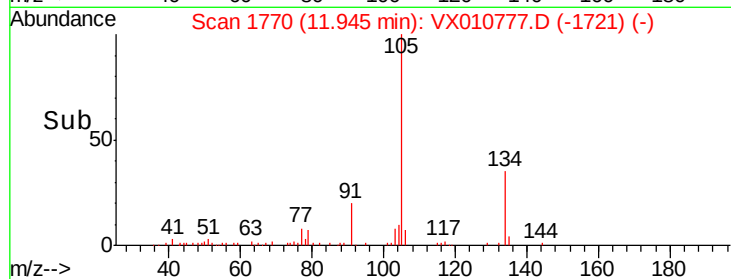
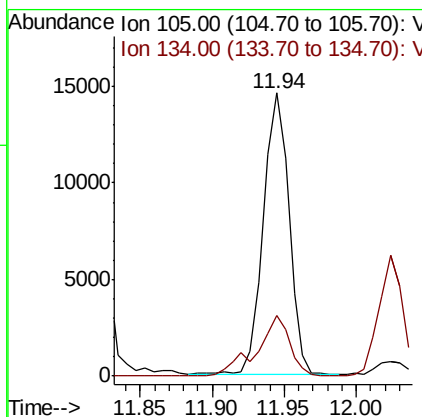
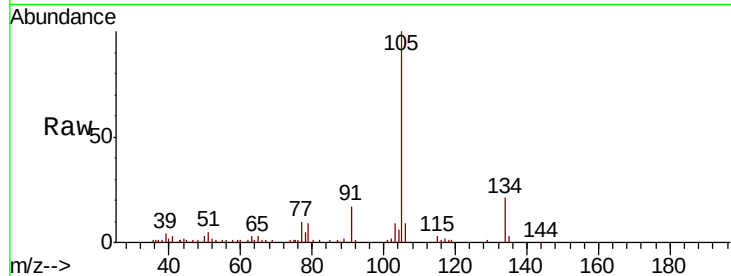




#85
 sec-Butylbenzene
 Concen: 1.768 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX010777.D
 Acq: 10 Jul 2019 15:12

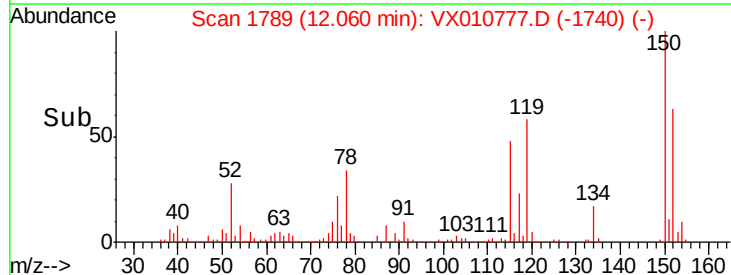
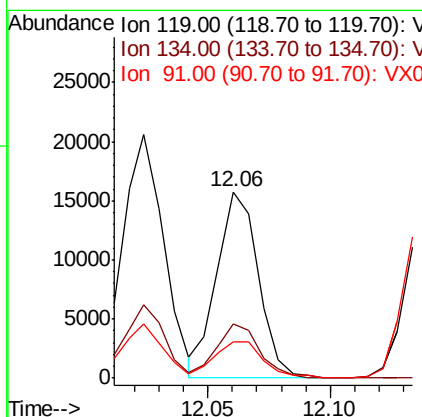
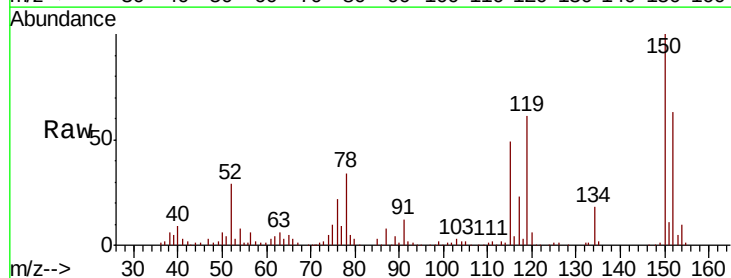
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0588DL

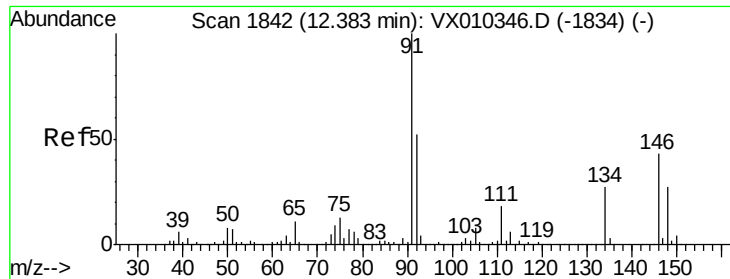
Tot Ion:105 Resp: 18007
 Ion Ratio Lower Upper
 105 100
 134 27.8 10.7 31.9



#86
 p-Isopropyltoluene
 Concen: 1.990 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX010777.D
 Acq: 10 Jul 2019 15:12

Tgt Ion:119 Resp: 18752
 Ion Ratio Lower Upper
 119 100
 134 30.0 13.7 41.1
 91 22.0 11.3 33.8

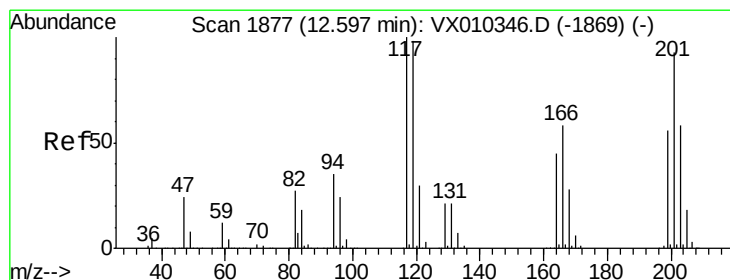
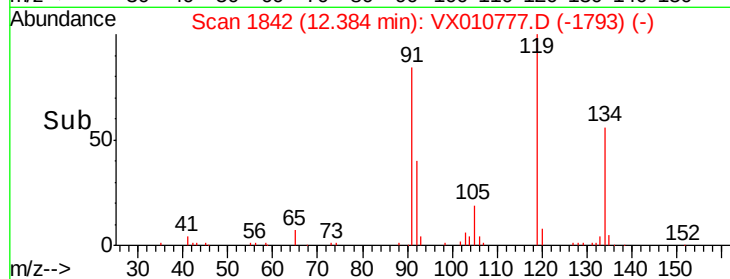
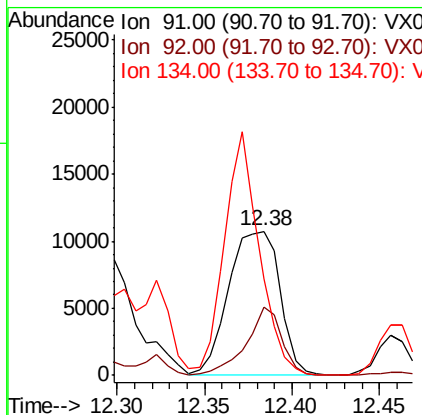
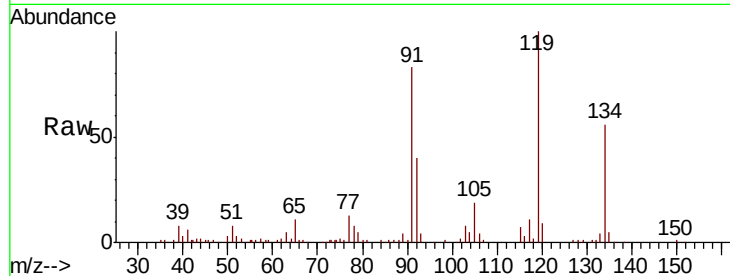




#89
n-Butylbenzene
Concen: 2.740 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010777.D
Acq: 10 Jul 2019 15:12

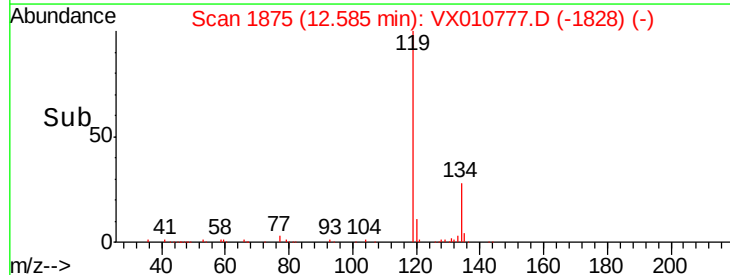
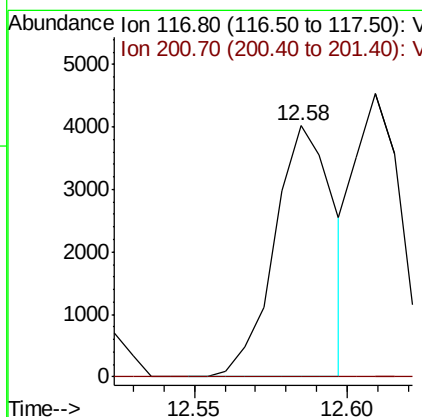
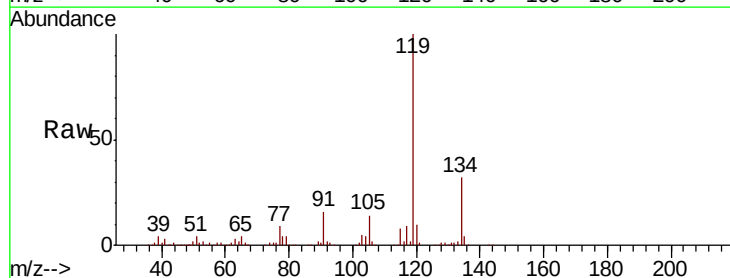
Instrument :
MSVOA_X
ClientSampled :
FL-0588DL

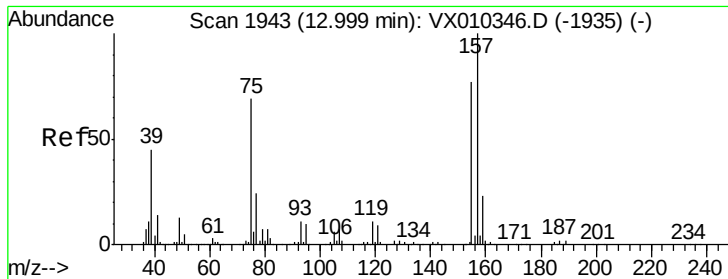
Tot Ion: 91 Resp: 21943
Ion Ratio Lower Upper
91 100
92 33.1 26.2 78.5
134 115.3 14.1 42.4#



#90
Hexachloroethane
Concen: 3.319 ug/l
RT: 12.58 min Scan# 1875
Delta R.T. -0.01 min
Lab File: VX010777.D
Acq: 10 Jul 2019 15:12

Tgt Ion: 117 Resp: 5407
Ion Ratio Lower Upper
117 100
201 0.0 44.0 131.8#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.560 ug/l

RT: 13.01 min Scan# 1945

Delta R.T. 0.01 min

Lab File: VX010777.D

Acq: 10 Jul 2019 15:12

Instrument :

MSVOA_X

ClientSampled :

FL-0588DL

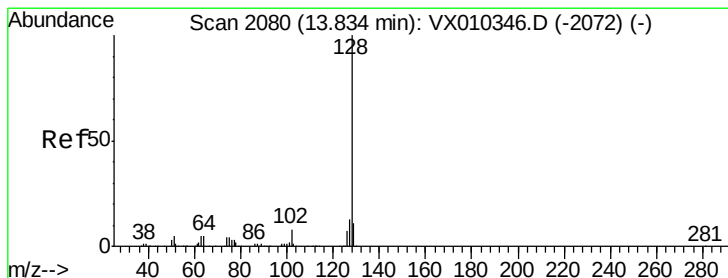
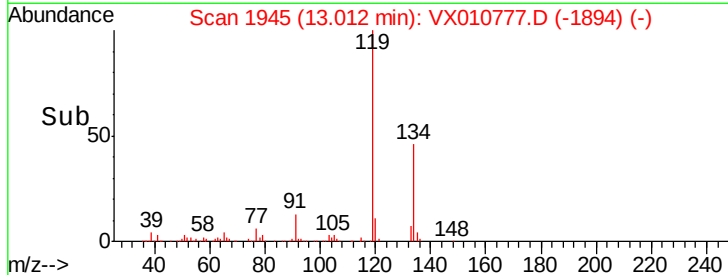
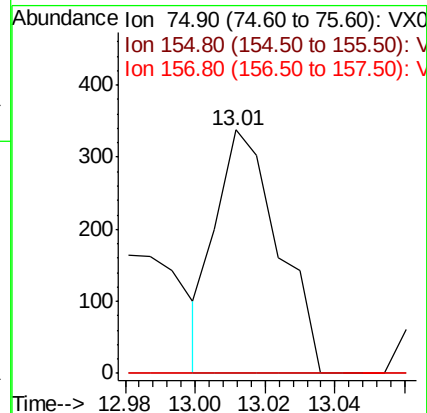
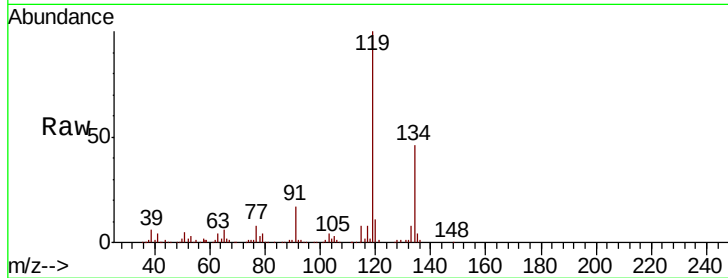
Tot Ion: 75 Resp: 419

Ion Ratio Lower Upper

75 100

155 0.0 54.4 163.1#

157 0.0 69.5 208.3#



#95

Naphthalene

Concen: 9.350 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010777.D

Acq: 10 Jul 2019 15:12

Tgt Ion:128 Resp: 101218

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 12.1 8.9 13.3

