

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071219\
 Data File : VX010846.D
 Acq On : 12 Jul 2019 19:10
 Operator : JC/SP
 Sample : K3786-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0599

Quant Time: Jul 13 01:42:33 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	207008	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	327792	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	301578	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	151088	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	104190	53.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.36%	
35) Dibromofluoromethane	5.50	113	98407	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	
50) Toluene-d8	8.71	98	395064	51.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.98%	
62) 4-Bromofluorobenzene	11.13	95	134709	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	

Target Compounds

						Qvalue
3) Chloromethane	1.28	50	1081	0.645	ug/l #	42
6) Chloroethane	1.96	64	1176	1.086	ug/l #	73
11) Tert butyl alcohol	3.02	59	4692	9.239	ug/l #	74
13) Acrolein	2.21	56	203	0.603	ug/l	88
14) Allyl chloride	2.84	41	14945	5.867	ug/l #	64
15) Acrylonitrile	3.18	53	4926	4.899	ug/l #	40
16) Acetone	2.45	43	2120	2.179	ug/l	92
17) Carbon Disulfide	2.57	76	1742	0.362	ug/l	99
18) Methyl Acetate	2.85	43	37053	19.112	ug/l #	48
20) Methylene Chloride	2.87	84	705	0.352	ug/l #	1
25) 2-Butanone	4.70	43	1387	0.972	ug/l	93
29) Tetrahydrofuran	5.12	42	308	0.348	ug/l #	28
31) Cyclohexane	5.58	56	113907	40.630	ug/l	97
36) 1,1-Dichloropropene	5.66	75	13633	5.234	ug/l #	49
38) Carbon Tetrachloride	5.66	117	19536	6.926	ug/l #	15
39) Methylcyclohexane	7.46	83	246803	72.081	ug/l	97
43) Isopropyl Acetate	6.46	43	3536	0.798	ug/l #	65
45) 1,2-Dichloropropane	7.46	63	2526	1.233	ug/l #	1
48) Methyl methacrylate	7.74	41	12175	5.908	ug/l #	47
49) 1,4-Dioxane	7.87	88	19	0.320	ug/l #	28
51) 4-Methyl-2-Pentanone	8.68	43	10380	3.661	ug/l #	53
55) 1,1,2-Trichloroethane	9.16	97	24613	11.167	ug/l #	19
56) Ethyl methacrylate	9.16	69	5233	1.567	ug/l #	1
67) Ethyl Benzene	10.25	91	69531	6.727	ug/l	100
68) m/p-Xylenes	10.36	106	78508	19.602	ug/l	99
69) o-Xylene	10.69	106	33328	8.462	ug/l	95
70) Styrene	10.70	104	1951	0.295	ug/l #	1
73) Isopropylbenzene	11.02	105	184823	18.046	ug/l	98
74) N-amyl acetate	10.91	43	2440	0.630	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	3113	0.918	ug/l #	39
76) 1,2,3-Trichloropropane	11.36	75	2159	0.784	ug/l #	1
78) n-propylbenzene	11.36	91	313783	27.876	ug/l	99
79) 2-Chlorotoluene	11.43	91	162610	24.260	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.51	105	594875	70.456	ug/l	99

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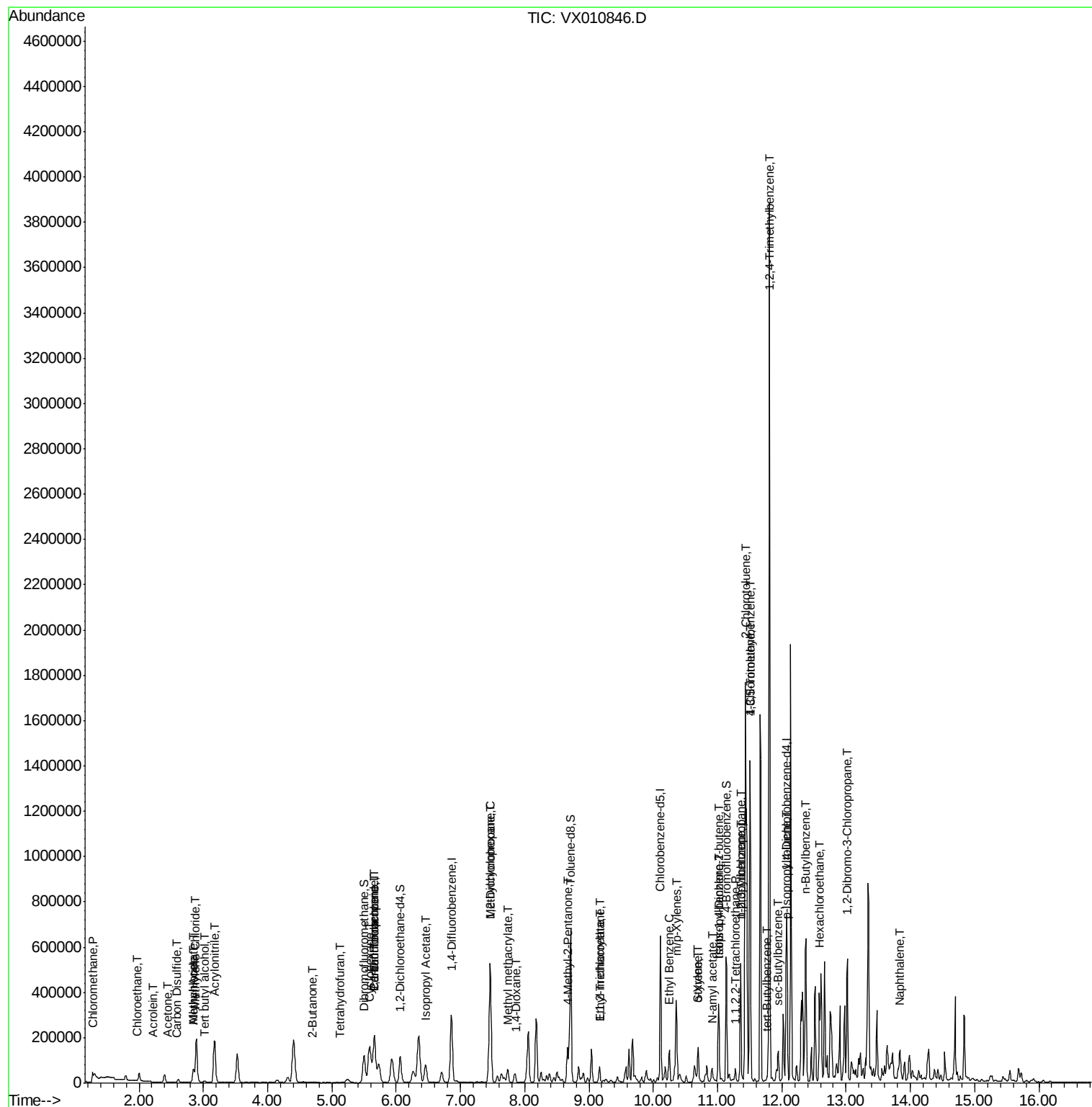
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-buten	11.01	75	2258	1.913	ug/l #	68
82) 4-Chlorotoluene	11.51	91	62000	8.129	ug/l #	42
83) tert-Butylbenzene	11.77	119	8338	0.984	ug/l	92
84) 1,2,4-Trimethylbenzene	11.80	105	1640109	193.345	ug/l	99
85) sec-Butylbenzene	11.94	105	70834	7.119	ug/l	83
86) p-Isopropyltoluene	12.06	119	72201	7.845	ug/l	100
89) n-Butylbenzene	12.38	91	79591	10.177	ug/l #	16
90) Hexachloroethane	12.58	117	17052	10.715	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	13.01	75	1787	2.444	ug/l #	1
95) Naphthalene	13.83	128	78847	7.457	ug/l #	95

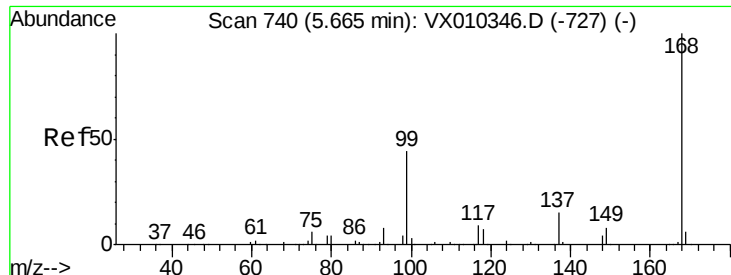
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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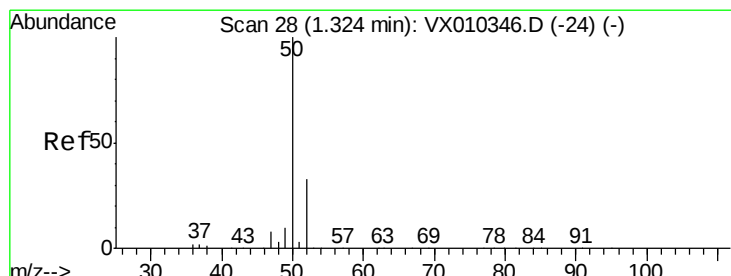
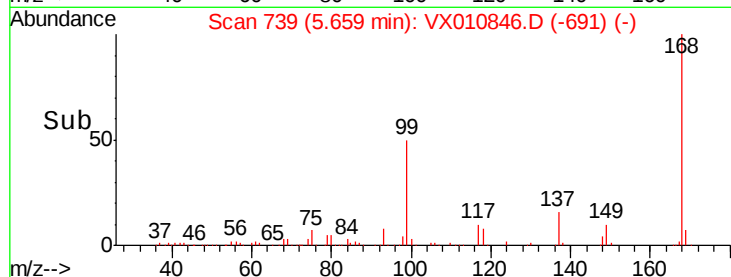
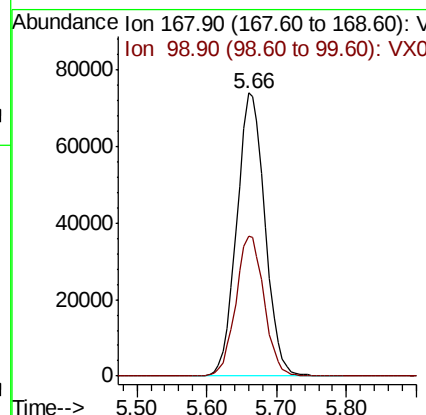
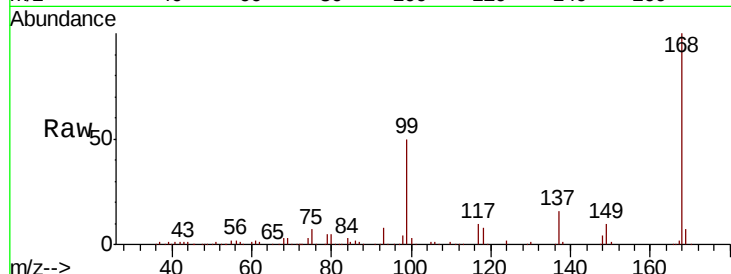




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.01 min
Lab File: VX010846.D
Acq: 12 Jul 2019 19:10

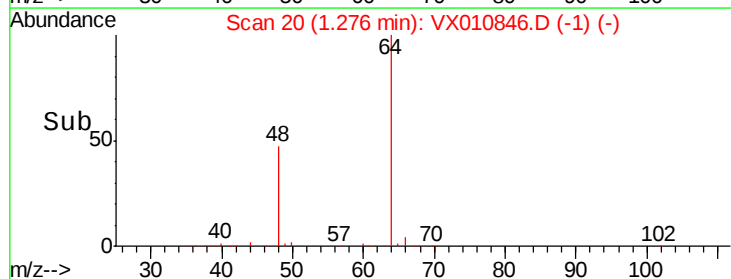
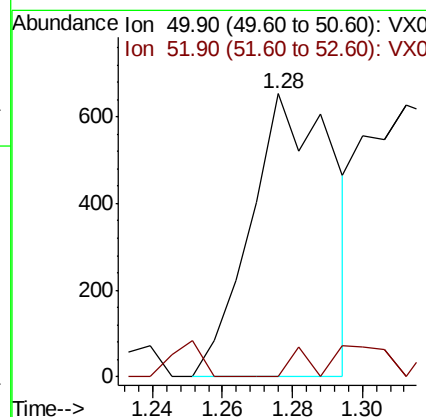
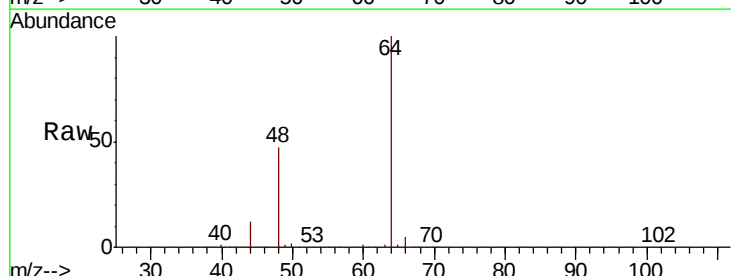
Instrument :
MSVOA_X
ClientSampled :
FL-0599

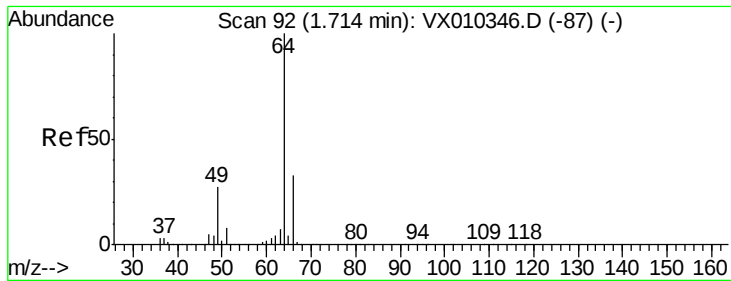
Tot Ion:168 Resp: 207008
Ion Ratio Lower Upper
168 100
99 49.6 35.5 53.3



#3
Chloromethane
Concen: 0.645 ug/l
RT: 1.28 min Scan# 20
Delta R.T. -0.05 min
Lab File: VX010846.D
Acq: 12 Jul 2019 19:10

Tgt Ion: 50 Resp: 1081
Ion Ratio Lower Upper
50 100
52 0.0 26.5 39.7#





#6

Chloroethane

Concen: 1.086 ug/l

RT: 1.96 min Scan# 132

Delta R.T. 0.24 min

Lab File: VX010846.D

Acq: 12 Jul 2019 19:10

Instrument :

MSVOA_X

ClientSampleId :

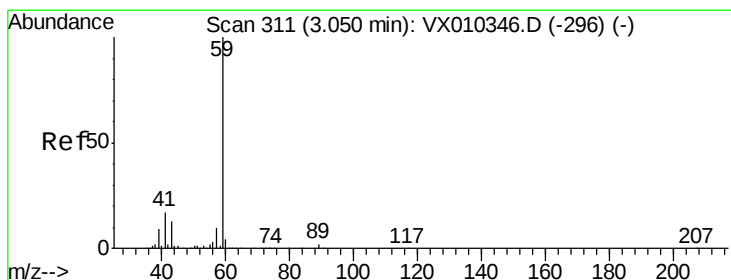
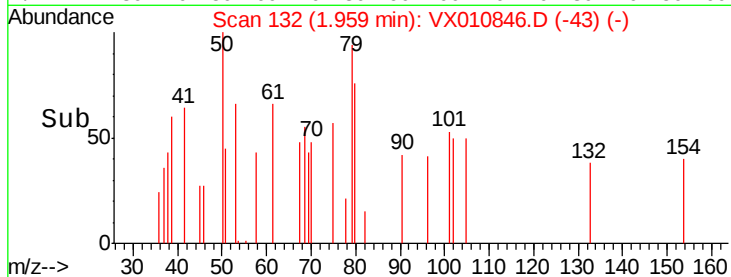
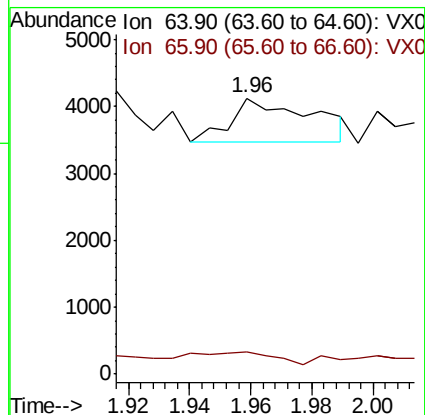
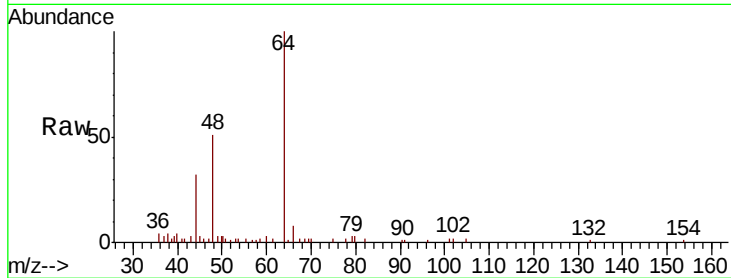
FL-0599

Tot Ion: 64 Resp: 1176

Ion Ratio Lower Upper

64 100

66 17.9 26.6 40.0#



#11

Tert butyl alcohol

Concen: 9.239 ug/l

RT: 3.02 min Scan# 306

Delta R.T. -0.03 min

Lab File: VX010846.D

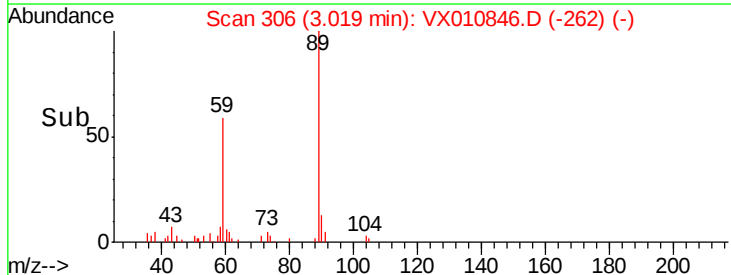
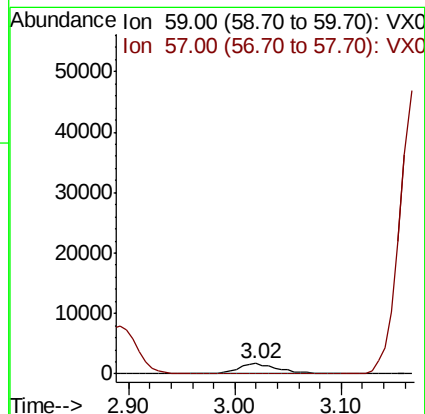
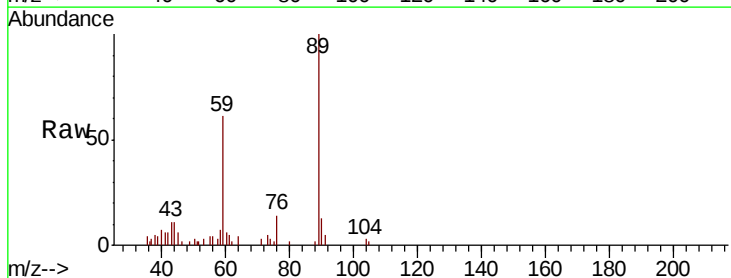
Acq: 12 Jul 2019 19:10

Tgt Ion: 59 Resp: 4692

Ion Ratio Lower Upper

59 100

57 0.0 7.7 11.5#





#13

Acrolein

Concen: 0.603 ug/l

RT: 2.21 min Scan# 174

Delta R.T. -0.08 min

Lab File: VX010846.D

Acq: 12 Jul 2019 19:10

Instrument :

MSVOA_X

ClientSampleId :

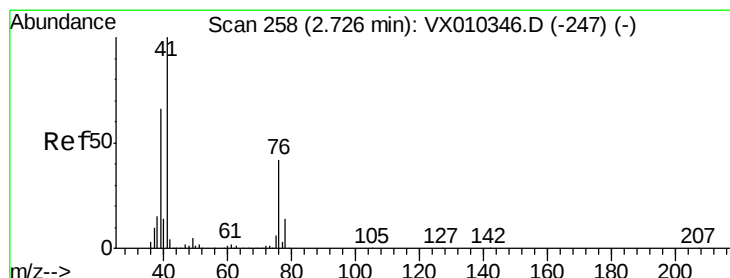
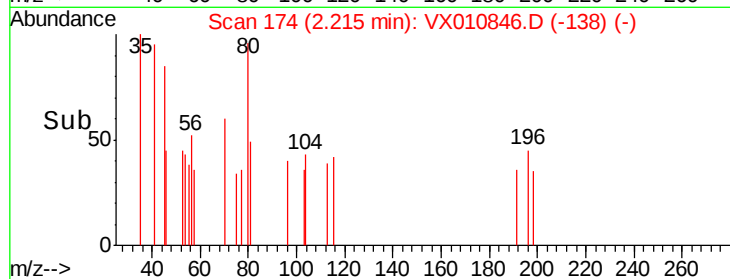
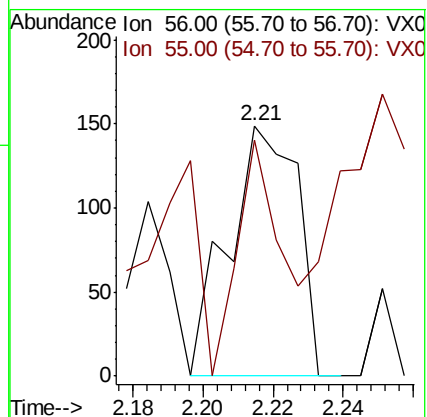
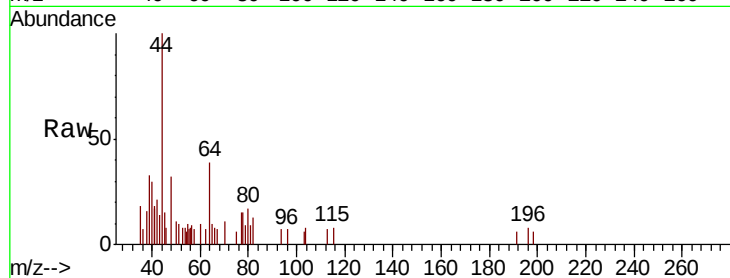
FL-0599

Tot Ion: 56 Resp: 203

Ion Ratio Lower Upper

56 100

55 61.1 56.9 85.3



#14

Allyl chloride

Concen: 5.867 ug/l

RT: 2.84 min Scan# 277

Delta R.T. 0.12 min

Lab File: VX010846.D

Acq: 12 Jul 2019 19:10

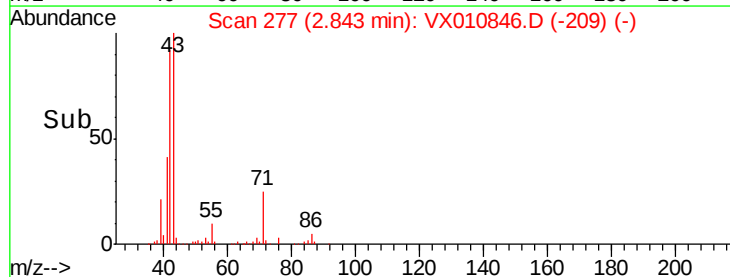
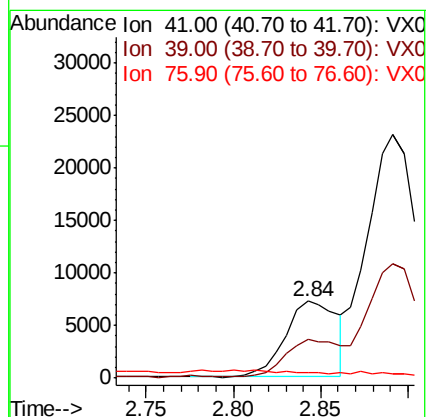
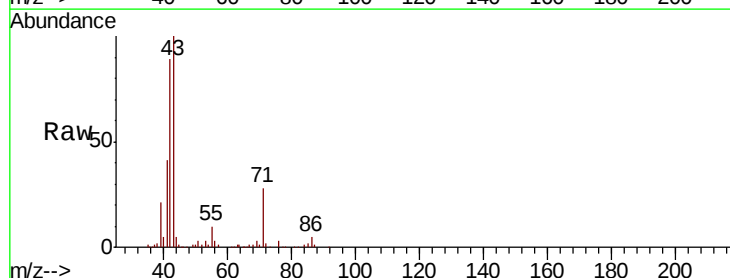
Tgt Ion: 41 Resp: 14945

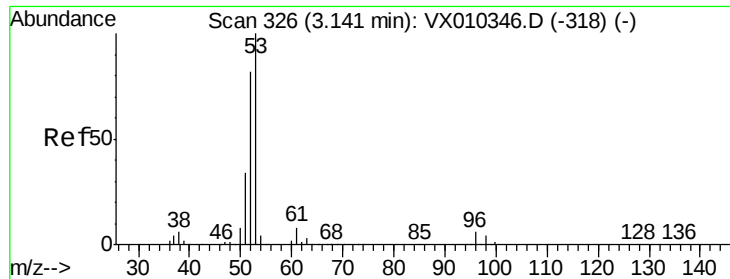
Ion Ratio Lower Upper

41 100

39 48.9 50.3 75.5#

76 0.0 31.3 46.9#





#15

Acrylonitrile

Concen: 4.899 ug/l

RT: 3.18 min Scan# 332

Delta R.T. 0.04 min

Lab File: VX010846.D

Acq: 12 Jul 2019 19:10

Instrument :

MSVOA_X

ClientSampleId :

FL-0599

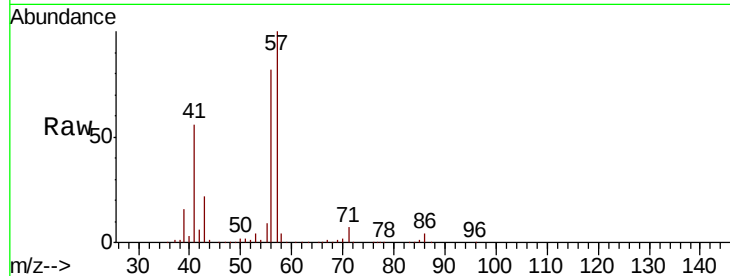
Tot Ion: 53 Resp: 4926

Ion Ratio Lower Upper

53 100

52 22.7 65.5 98.3#

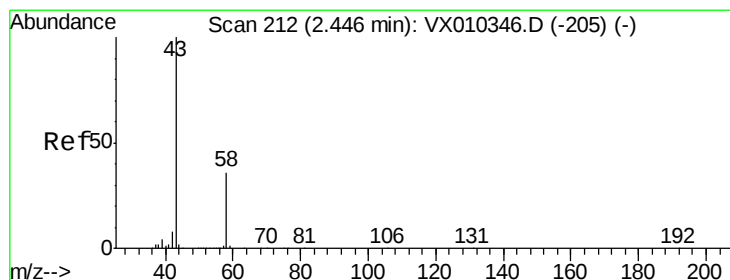
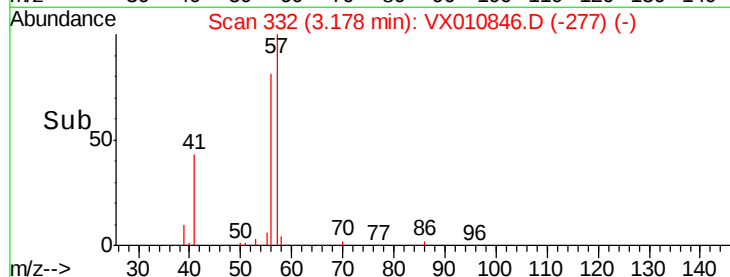
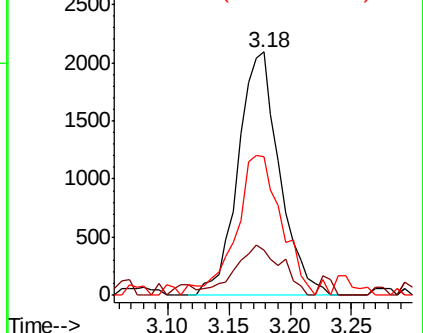
51 62.7 28.2 42.4#



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 2.179 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010846.D

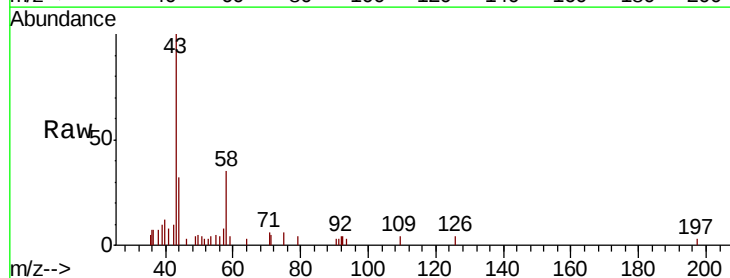
Acq: 12 Jul 2019 19:10

Tgt Ion: 43 Resp: 2120

Ion Ratio Lower Upper

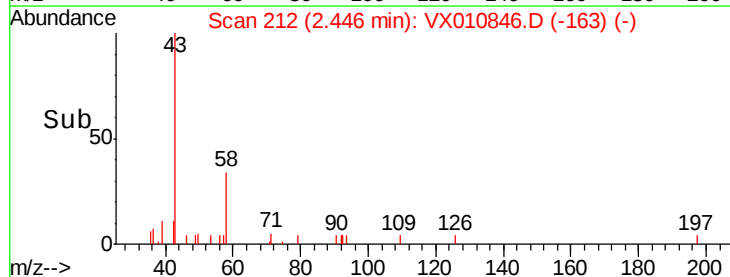
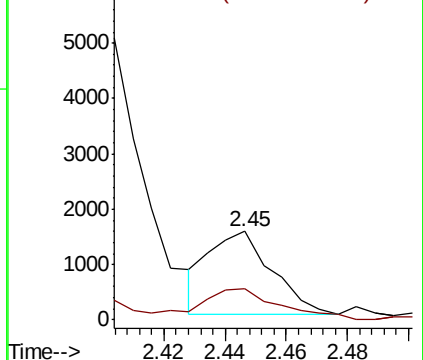
43 100

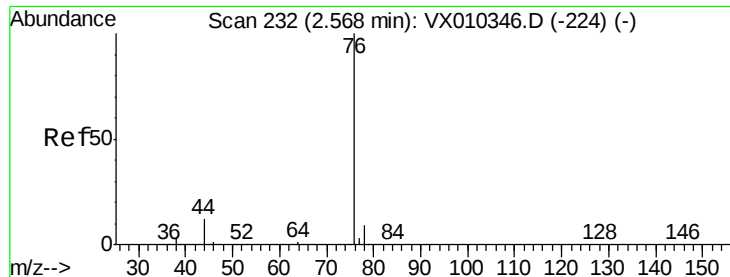
58 31.3 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 0.362 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX010846.D

Acq: 12 Jul 2019 19:10

Instrument :

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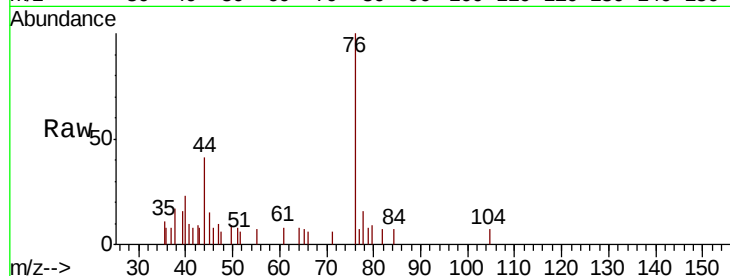
FL-0599

Tot Ion: 76 Resp: 1742

Ion Ratio Lower Upper

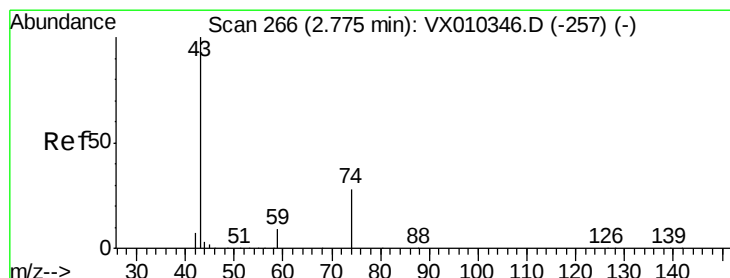
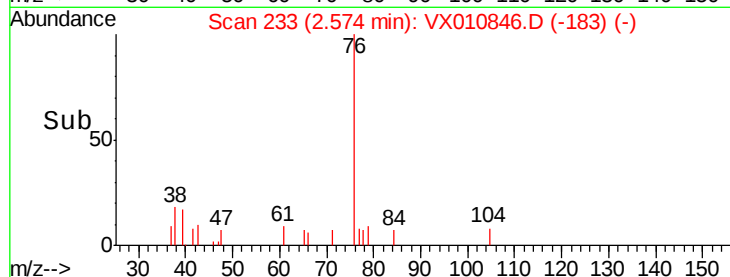
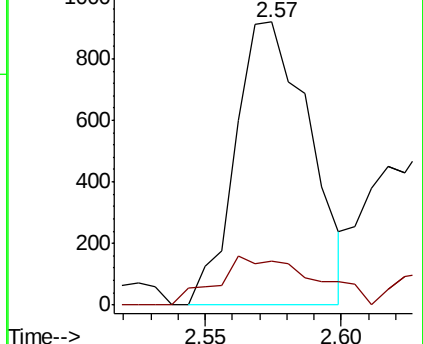
76 100

78 9.4 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: 19.112 ug/l

RT: 2.85 min Scan# 278

Delta R.T. 0.07 min

Lab File: VX010846.D

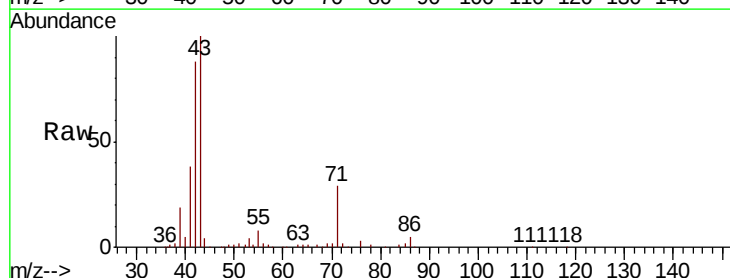
Acq: 12 Jul 2019 19:10

Tgt Ion: 43 Resp: 37053

Ion Ratio Lower Upper

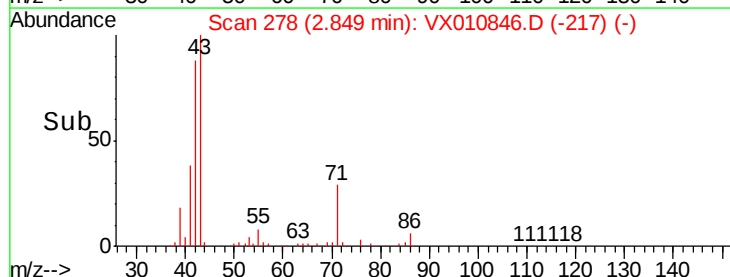
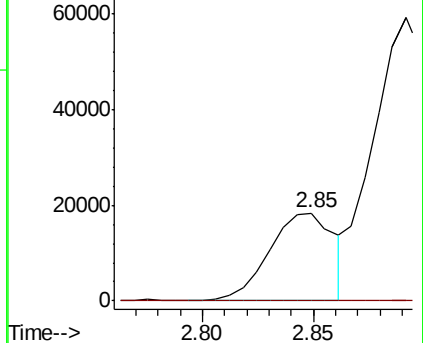
43 100

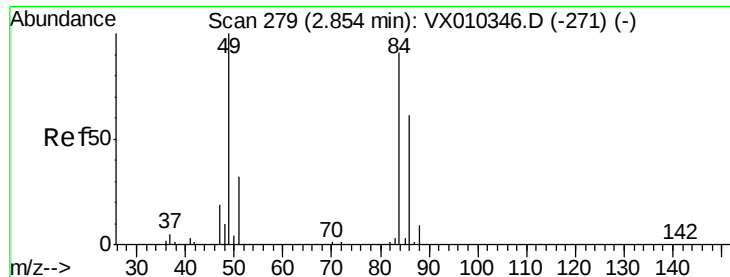
74 0.0 21.3 31.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

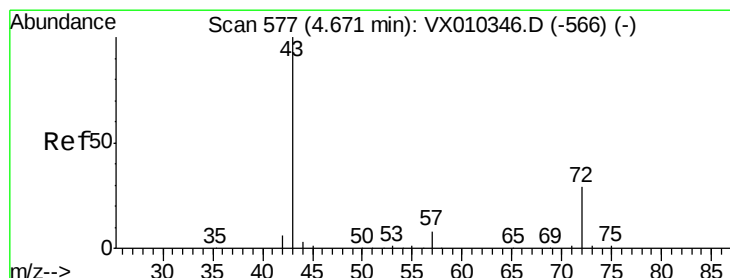
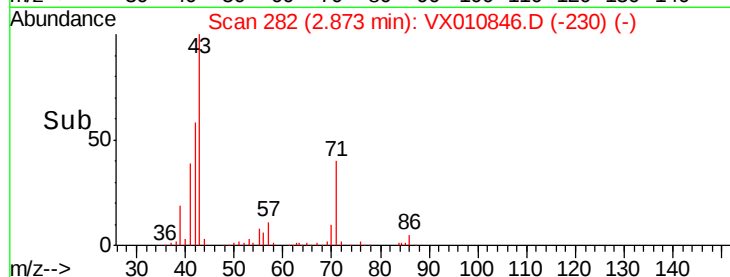
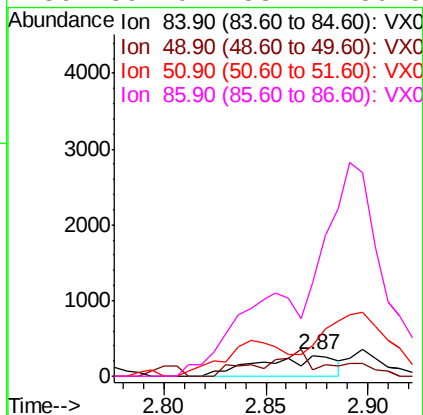
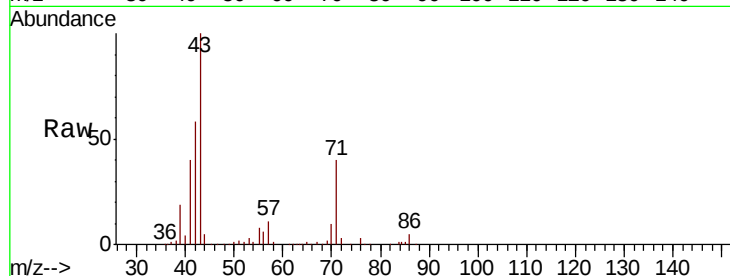




#20
Methvlene Chloride
Concen: 0.352 ug/l
RT: 2.87 min Scan# 282
Delta R.T. 0.02 min
Lab File: VX010846.D
Acq: 12 Jul 2019 19:10

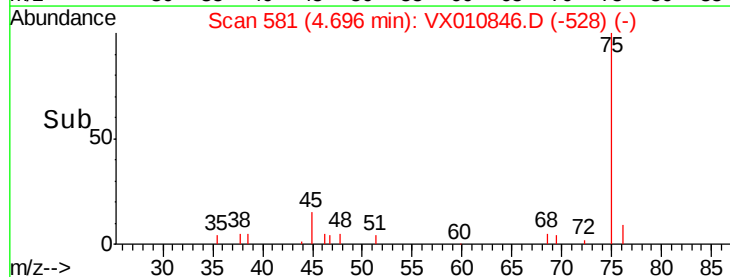
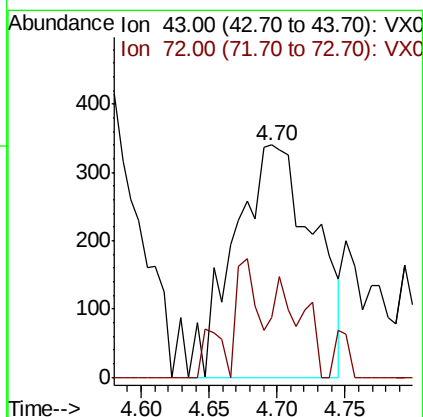
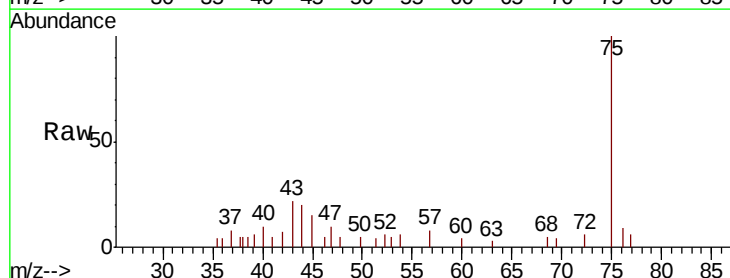
Instrument :
MSVOA_X
ClientSampleId :
FL-0599

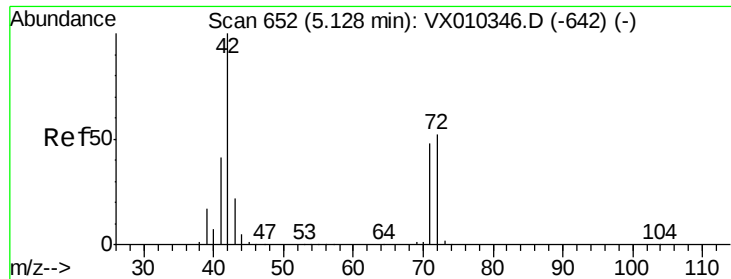
Tot Ion: 84 Resp: 705
Ion Ratio Lower Upper
84 100
49 33.0 87.5 131.3#
51 122.6 27.7 41.5#
86 391.0 53.4 80.0#



#25
2-Butanone
Concen: 0.972 ug/l
RT: 4.70 min Scan# 581
Delta R.T. 0.02 min
Lab File: VX010846.D
Acq: 12 Jul 2019 19:10

Tgt Ion: 43 Resp: 1387
Ion Ratio Lower Upper
43 100
72 25.6 23.3 34.9

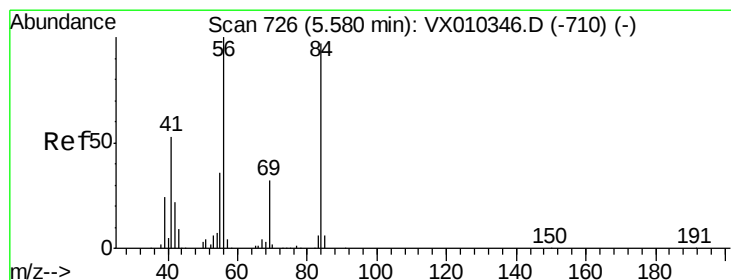
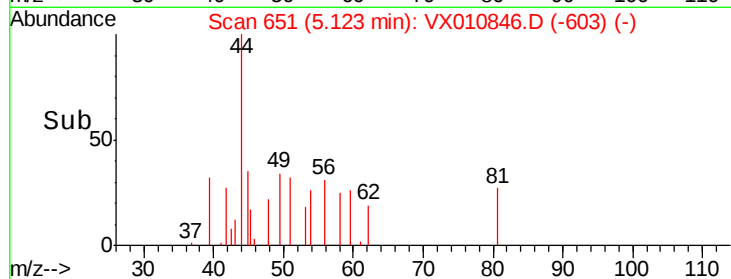
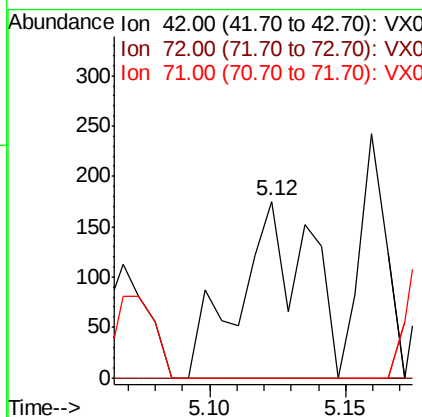
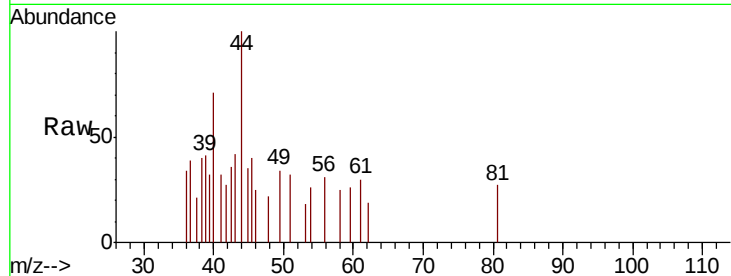




#29
Tetrahydrofuran
Concen: 0.348 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX010846.D
Acq: 12 Jul 2019 19:10

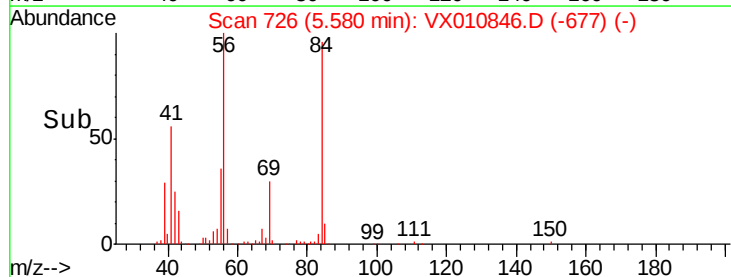
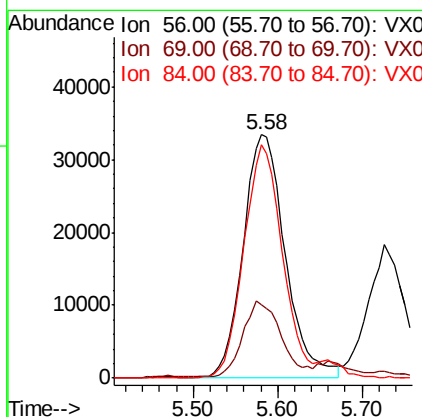
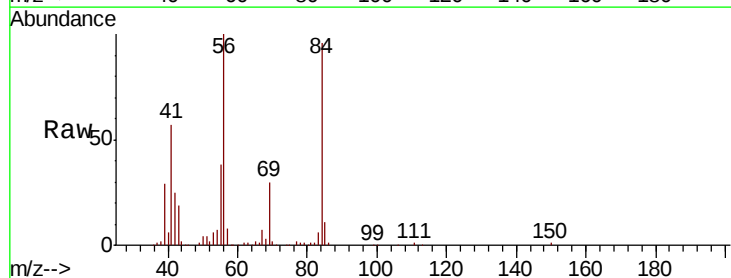
Instrument :
MSVOA_X
ClientSampled :
FL-0599

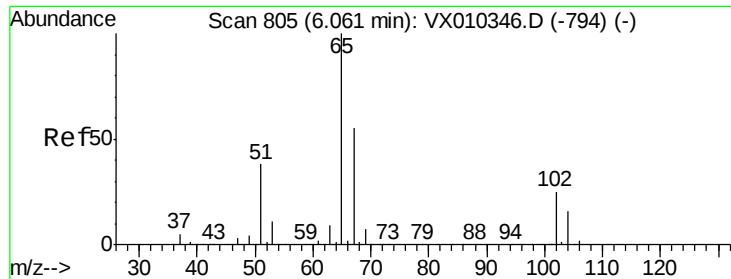
Tot Ion: 42 Resp: 308
Ion Ratio Lower Upper
42 100
72 0.0 40.6 60.8#
71 0.0 37.8 56.8#



#31
Cyclohexane
Concen: 40.630 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX010846.D
Acq: 12 Jul 2019 19:10

Tgt Ion: 56 Resp: 113907
Ion Ratio Lower Upper
56 100
69 29.4 25.9 38.9
84 95.9 78.0 117.0





#33

1,2-Dichloroethane-d4

Concen: 53.681 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010846.D

Acq: 12 Jul 2019 19:10

Instrument :

MSVOA_X

ClientSampleId :

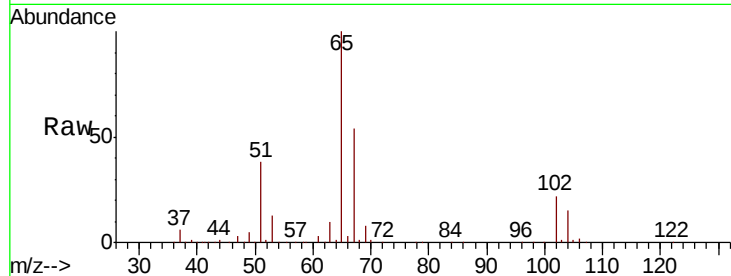
FL-0599

Tot Ion: 65 Resp: 104190

Ion Ratio Lower Upper

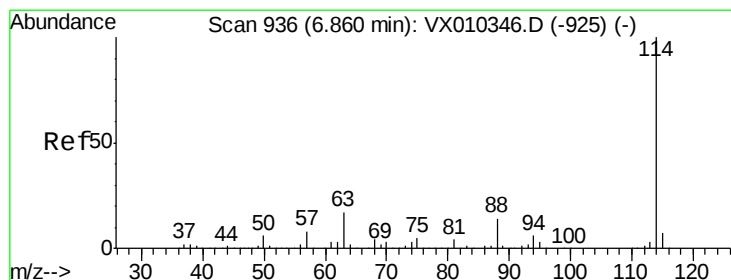
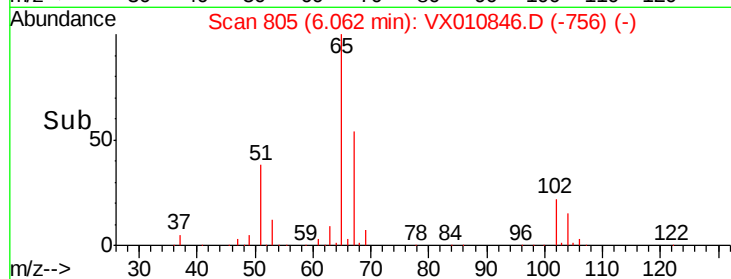
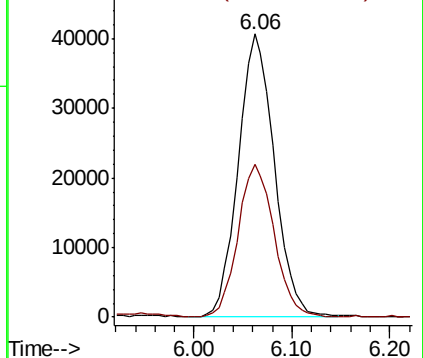
65 100

67 53.5 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: VX010846.D

Acq: 12 Jul 2019 19:10

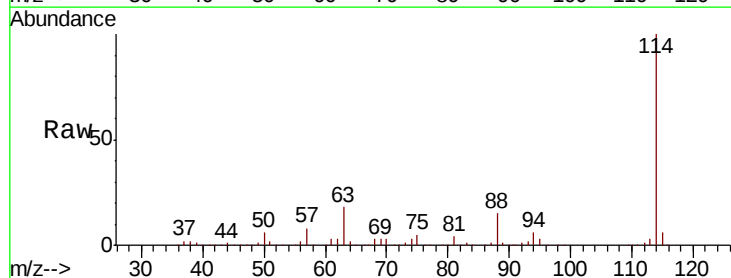
Tgt Ion: 114 Resp: 327792

Ion Ratio Lower Upper

114 100

63 17.6 0.0 33.8

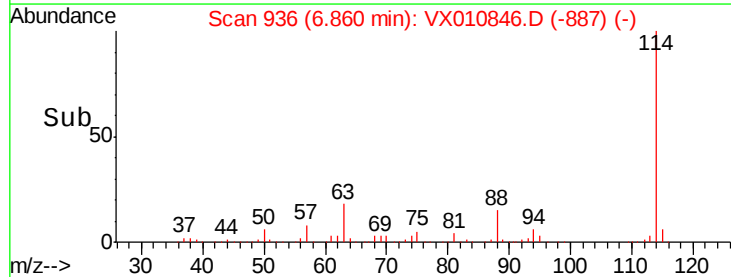
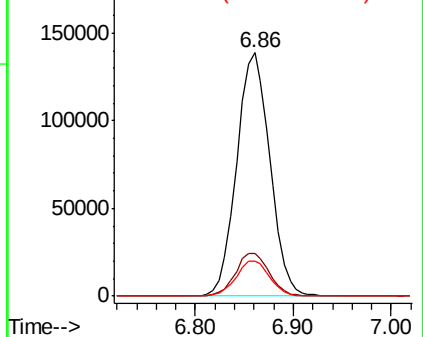
88 14.5 0.0 27.6

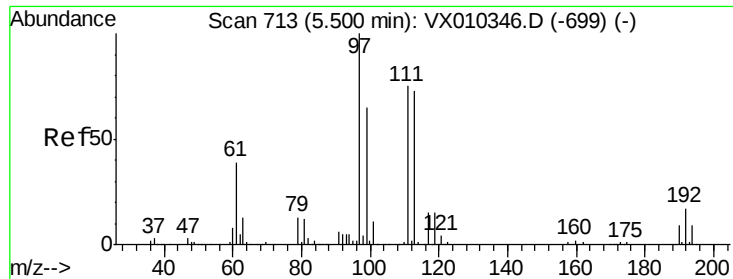


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

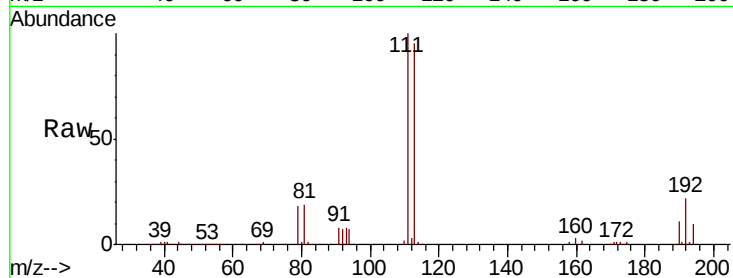




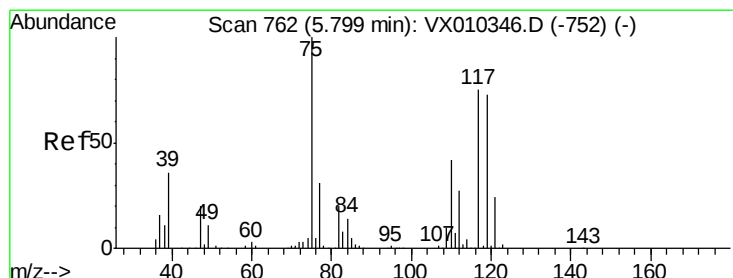
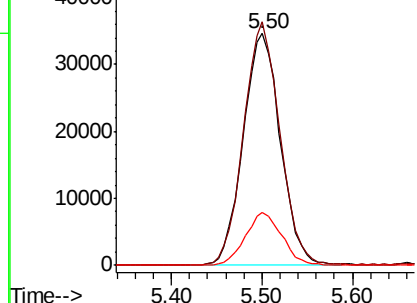
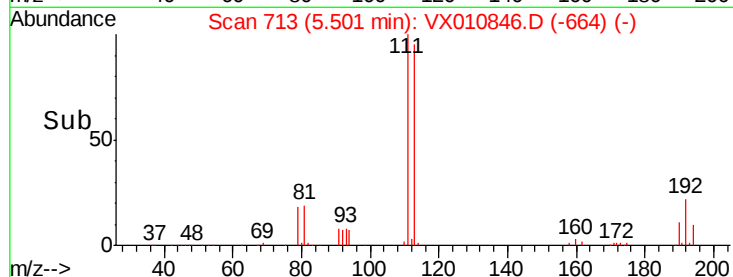
#35
 Dibromofluoromethane
 Concen: 49.067 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010846.D
 Acq: 12 Jul 2019 19:10

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0599

Tot Ion:113 Resp: 98407
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.2 121.8
 192 22.5 18.6 27.8

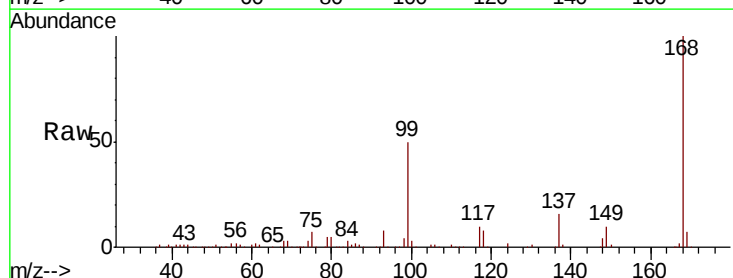


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

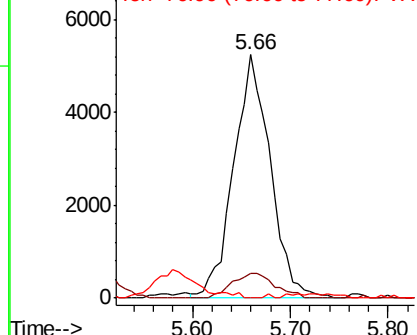
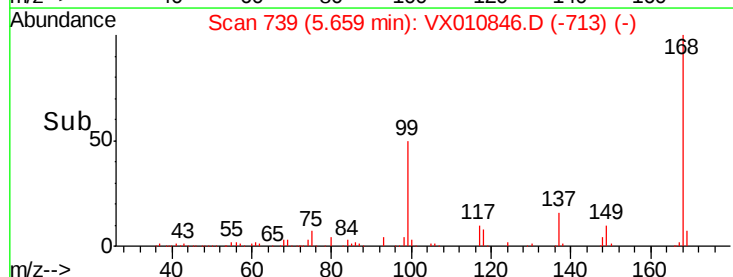


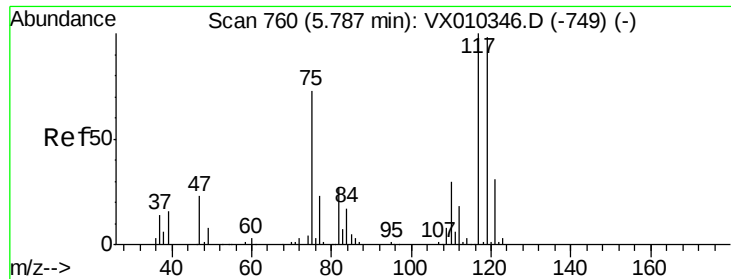
#36
 1,1-Dichloropropene
 Concen: 5.234 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX010846.D
 Acq: 12 Jul 2019 19:10

Tgt Ion: 75 Resp: 13633
 Ion Ratio Lower Upper
 75 100
 110 11.8 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: 6.926 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.13 min

Lab File: VX010846.D

Acq: 12 Jul 2019 19:10

Instrument :

MSVOA_X

ClientSampleId :

FL-0599

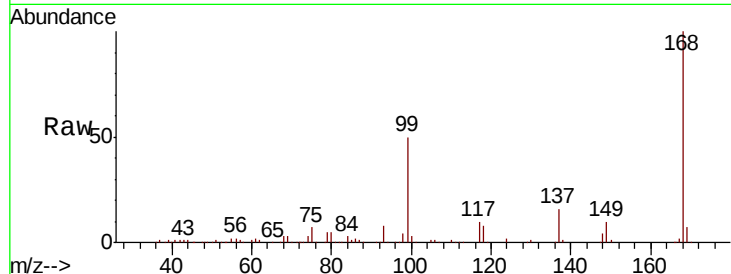
Tot Ion:117 Resp: 19536

Ion Ratio Lower Upper

117 100

119 4.6 78.2 117.4#

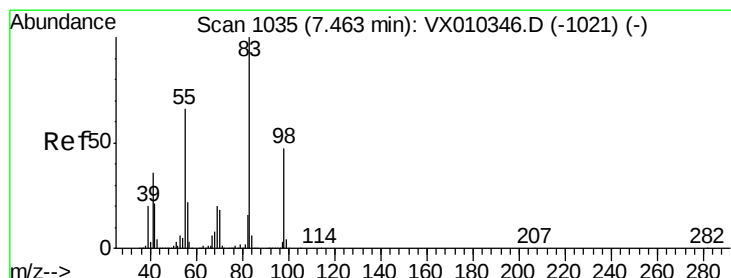
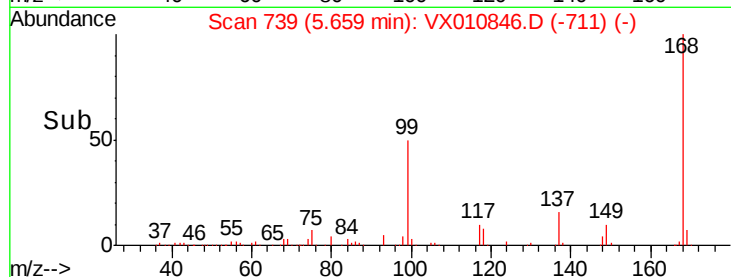
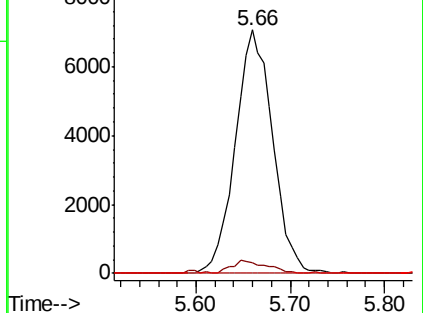
121 0.0 24.7 37.1#



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: 72.081 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX010846.D

Acq: 12 Jul 2019 19:10

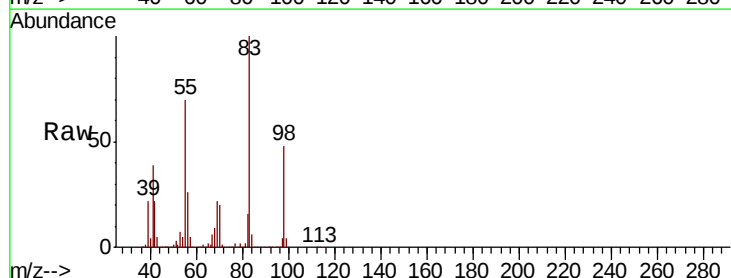
Tgt Ion: 83 Resp: 246803

Ion Ratio Lower Upper

83 100

55 69.8 53.0 79.6

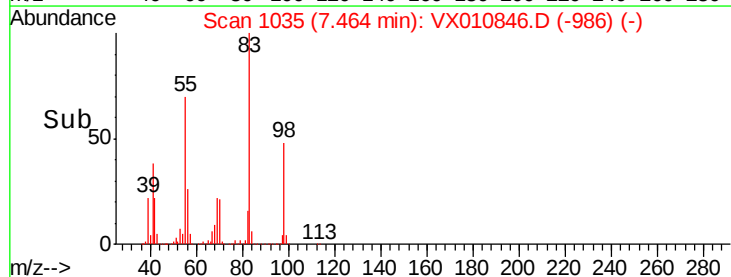
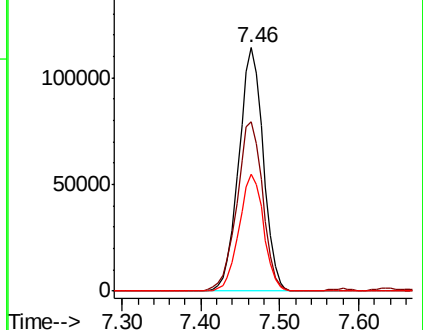
98 47.8 37.8 56.8

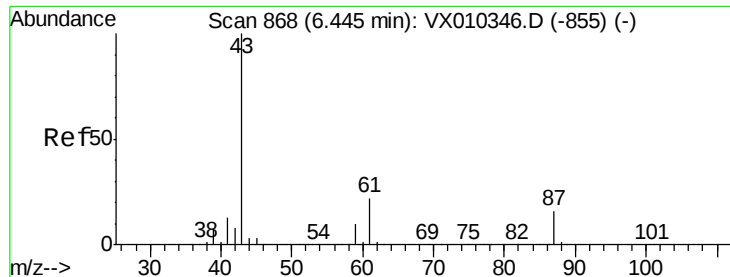


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#43

Isopropyl Acetate

Concen: 0.798 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.02 min

Lab File: VX010846.D

Acq: 12 Jul 2019 19:10

Instrument :

MSVOA_X

ClientSampleId :

FL-0599

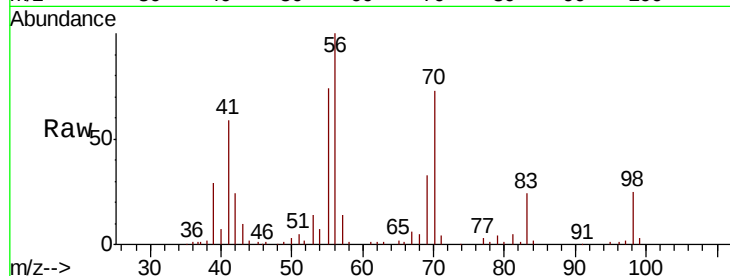
Tot Ion: 43 Resp: 3536

Ion Ratio Lower Upper

43 100

61 6.6 17.8 26.6#

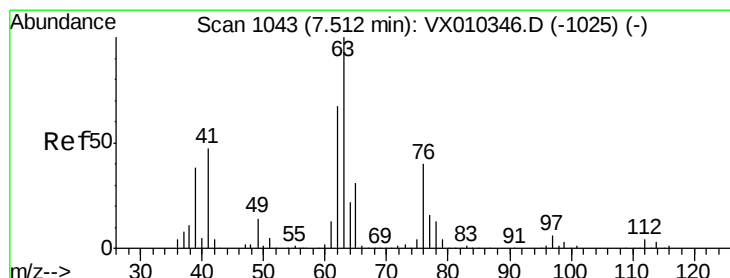
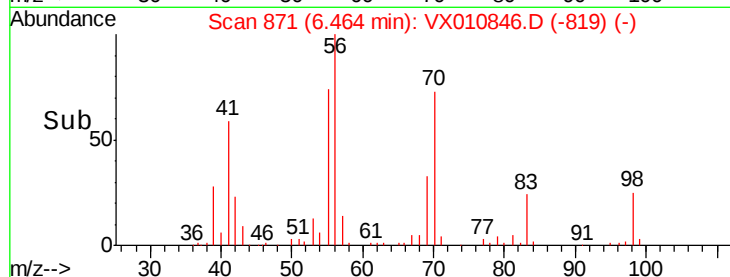
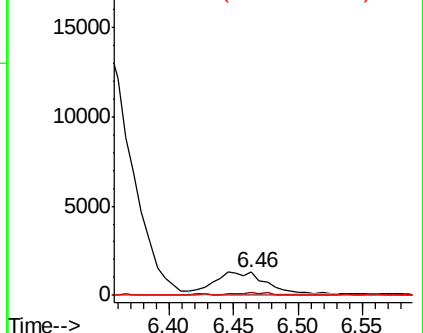
87 0.0 13.0 19.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#45

1,2-Dichloropropane

Concen: 1.233 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.05 min

Lab File: VX010846.D

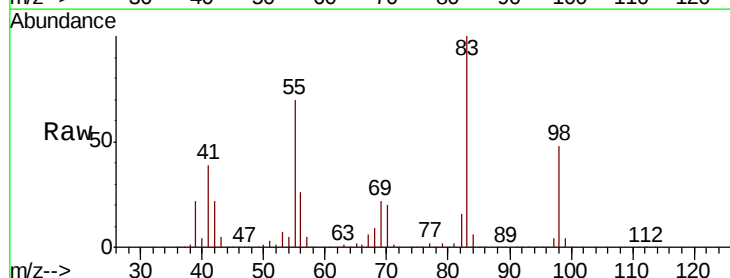
Acq: 12 Jul 2019 19:10

Tgt Ion: 63 Resp: 2526

Ion Ratio Lower Upper

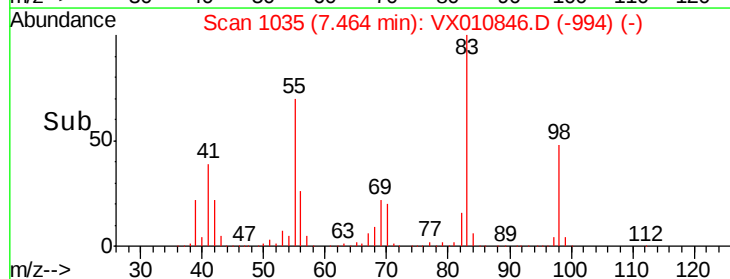
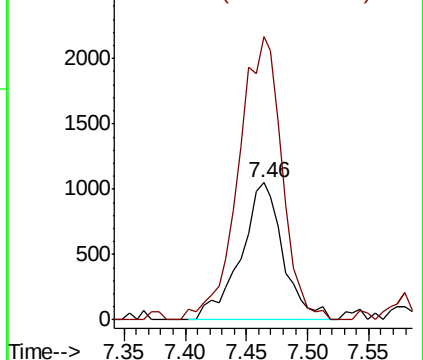
63 100

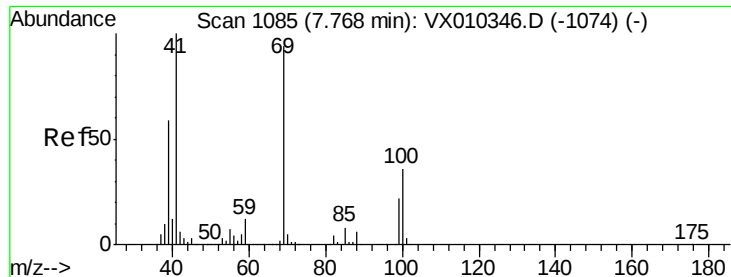
65 206.6 24.8 37.2#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

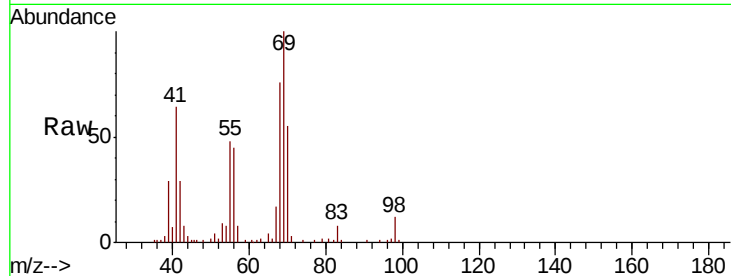




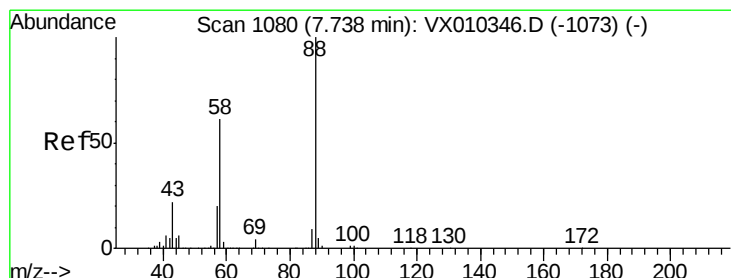
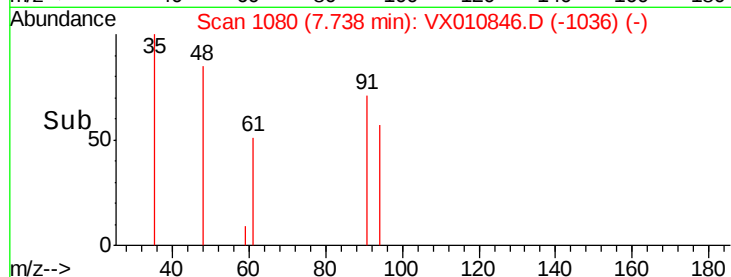
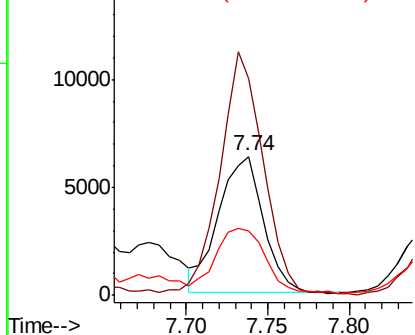
#48
Methvl methacrylate
Concen: 5.908 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.03 min
Lab File: VX010846.D
Acq: 12 Jul 2019 19:10

Instrument :
MSVOA_X
ClientSampled :
FL-0599

Tot Ion: 41 Resp: 12175
Ion Ratio Lower Upper
41 100
69 172.9 76.1 114.1#
39 52.9 47.6 71.4

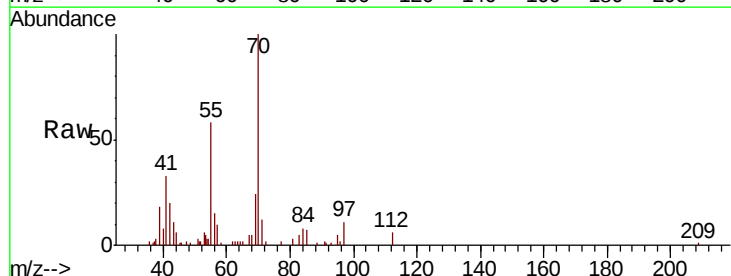


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

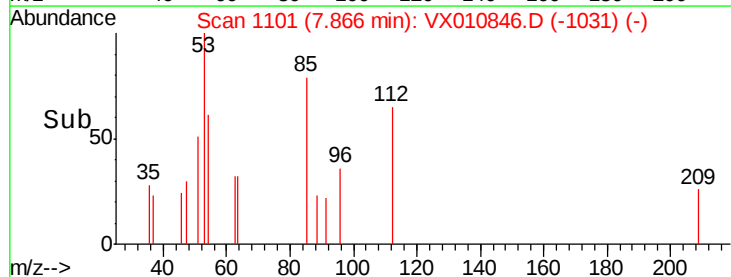
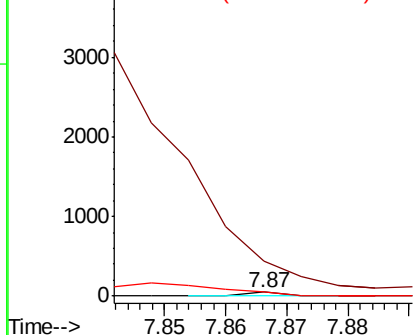


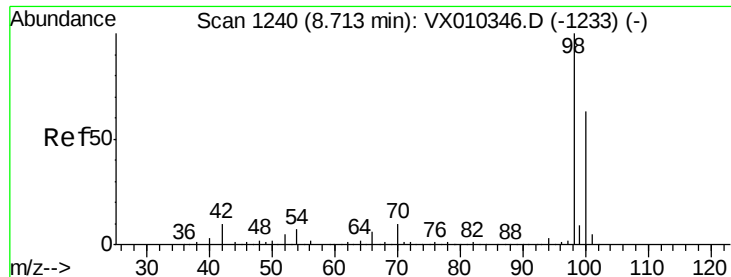
#49
1,4-Dioxane
Concen: 0.320 ug/l
RT: 7.87 min Scan# 1101
Delta R.T. 0.13 min
Lab File: VX010846.D
Acq: 12 Jul 2019 19:10

Tgt Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 0.0 20.2 30.2#
58 0.0 49.5 74.3#



Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 51.489 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010846.D

Acq: 12 Jul 2019 19:10

Instrument :

MSVOA_X

ClientSampleId :

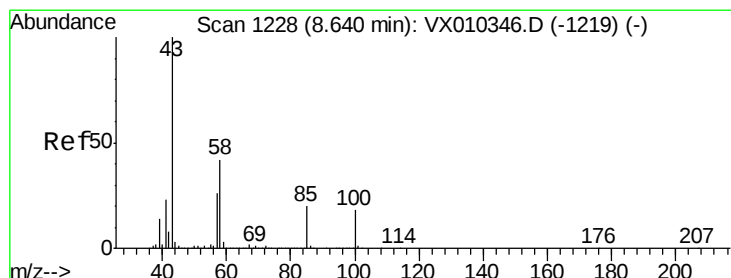
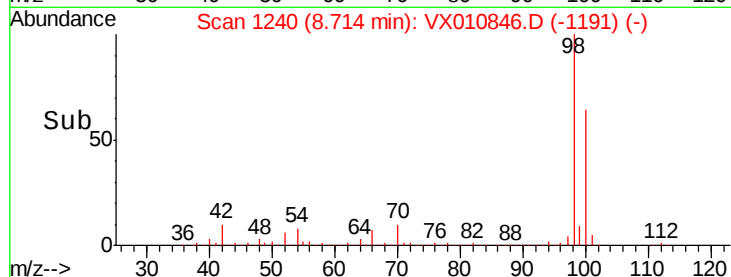
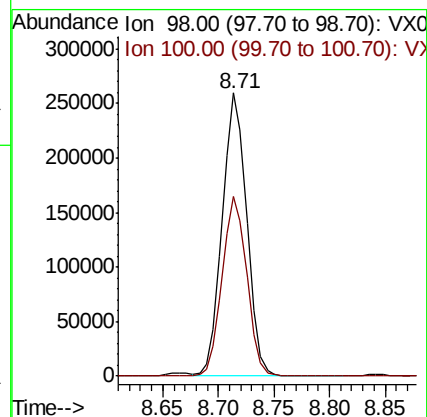
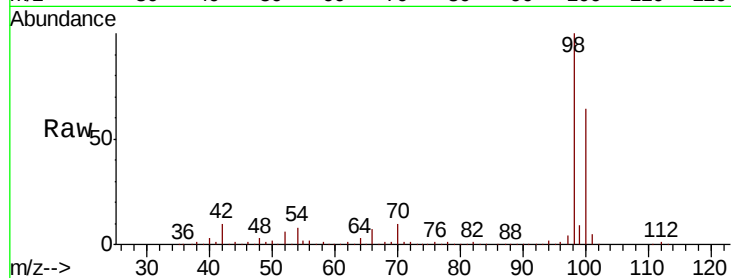
FL-0599

Tot Ion: 98 Resp: 395064

Ion Ratio Lower Upper

98 100

100 63.8 51.6 77.4



#51

4-Methyl-2-Pentanone

Concen: 3.661 ug/l

RT: 8.68 min Scan# 1234

Delta R.T. 0.04 min

Lab File: VX010846.D

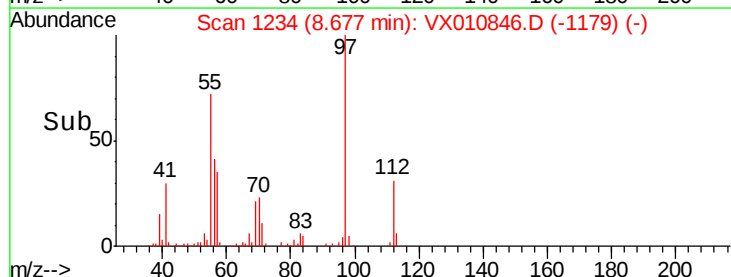
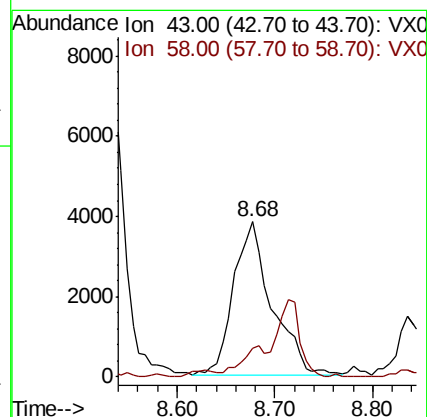
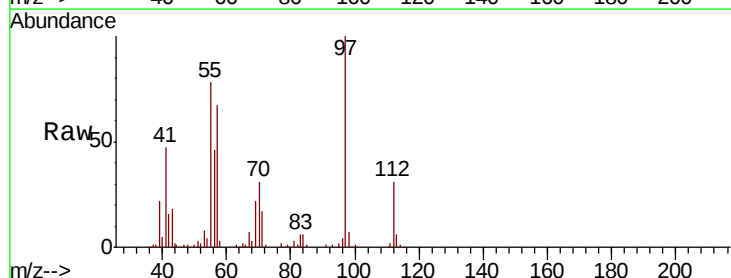
Acq: 12 Jul 2019 19:10

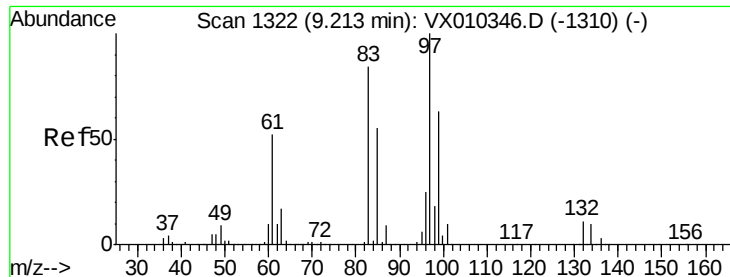
Tgt Ion: 43 Resp: 10380

Ion Ratio Lower Upper

43 100

58 12.1 33.5 50.3#





#55

1,1,2-Trichloroethane

Concen: 11.167 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX010846.D

Acq: 12 Jul 2019 19:10

Instrument :

MSVOA_X

ClientSampled :

FL-0599

Tot Ion: 97 Resp: 24613

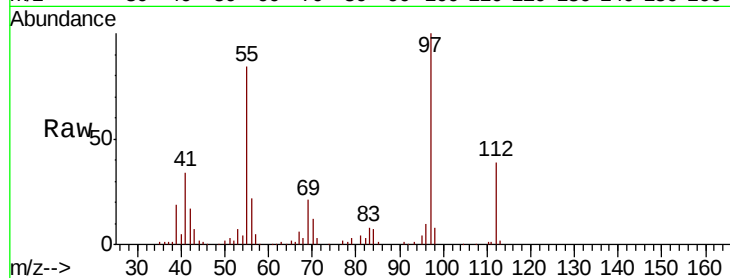
Ion Ratio Lower Upper

97 100

83 7.4 67.4 101.0#

85 0.6 43.8 65.8#

99 0.0 50.3 75.5#

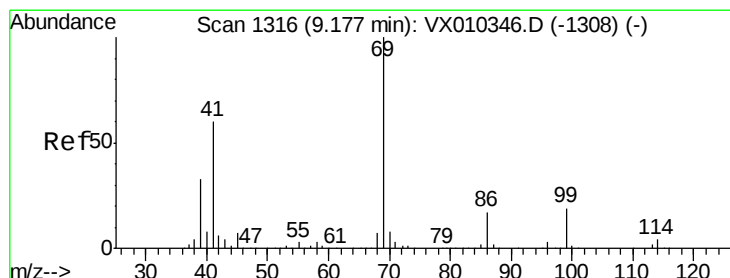
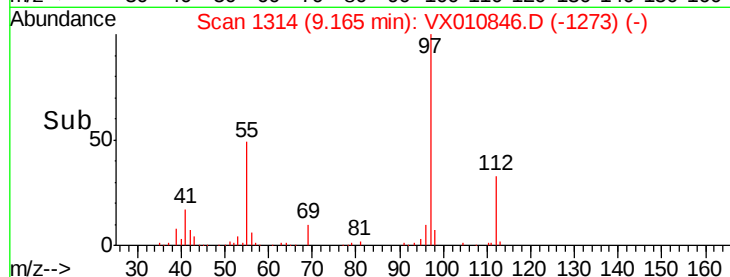
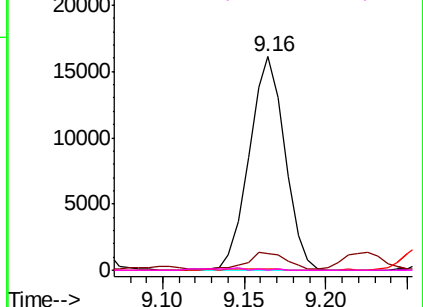


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 1.567 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.01 min

Lab File: VX010846.D

Acq: 12 Jul 2019 19:10

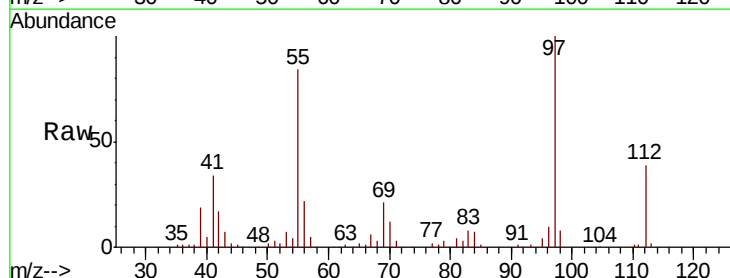
Tgt Ion: 69 Resp: 5233

Ion Ratio Lower Upper

69 100

41 162.4 47.1 70.7#

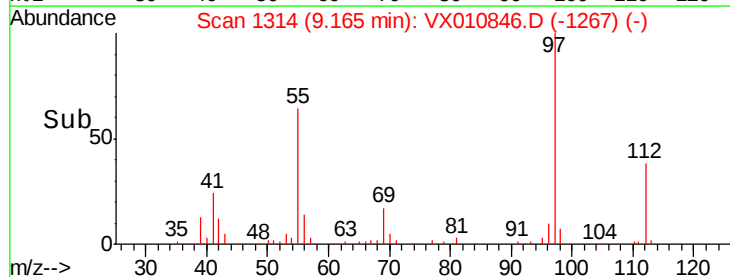
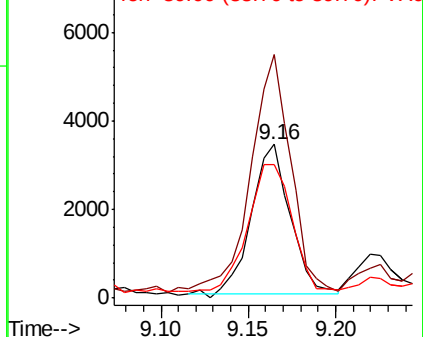
39 96.8 26.6 40.0#

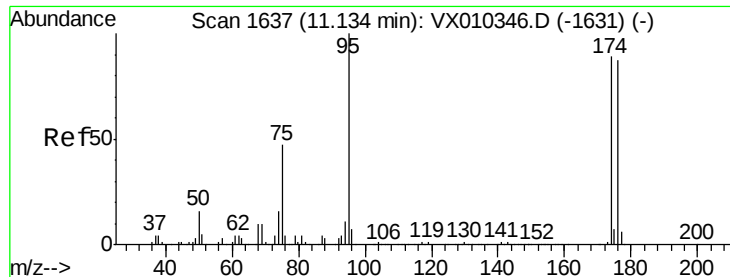


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#62

4-Bromofluorobenzene

Concen: 48.629 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010846.D

Acq: 12 Jul 2019 19:10

Instrument :

MSVOA_X

ClientSampled :

FL-0599

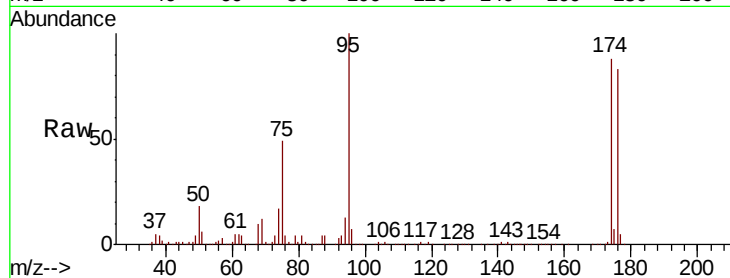
Tot Ion: 95 Resp: 134709

Ion Ratio Lower Upper

95 100

174 94.6 0.0 187.6

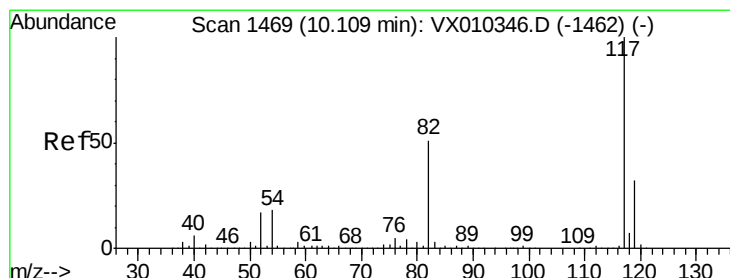
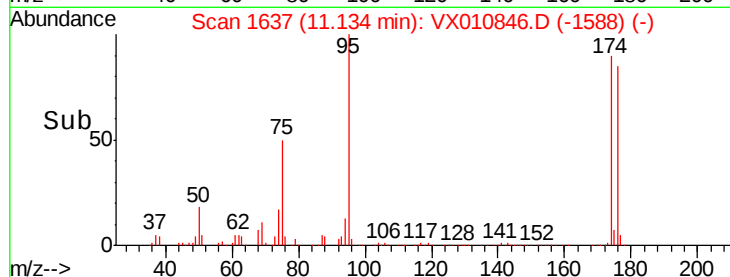
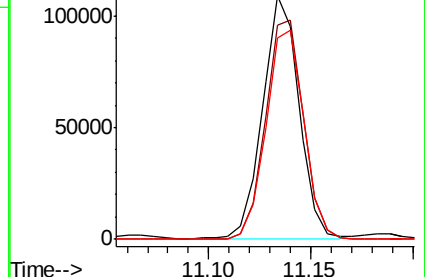
176 90.4 0.0 184.0



Abundance Ion 94.90 (94.60 to 95.60): VX010846.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX010846.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX010846.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010846.D

Acq: 12 Jul 2019 19:10

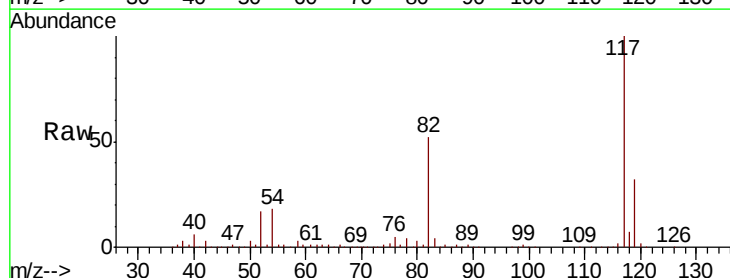
Tgt Ion: 117 Resp: 301578

Ion Ratio Lower Upper

117 100

82 51.5 41.2 61.8

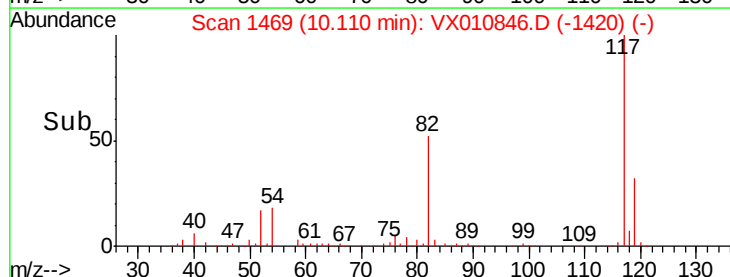
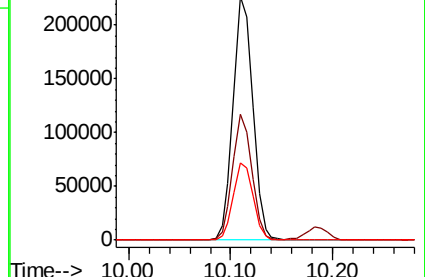
119 31.6 25.5 38.3

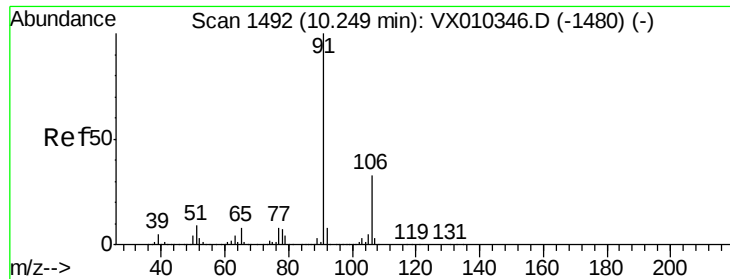


Abundance Ion 116.90 (116.60 to 117.60): VX010846.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX010846.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX010846.D (-1462) (-)





#67

Ethyl Benzene

Concen: 6.727 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX010846.D

Acq: 12 Jul 2019 19:10

Instrument :

MSVOA_X

ClientSampleId :

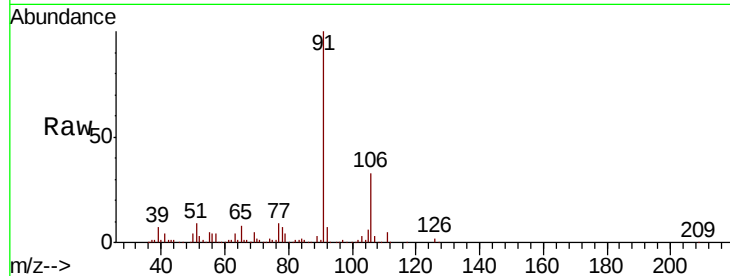
FL-0599

Tot Ion: 91 Resp: 69531

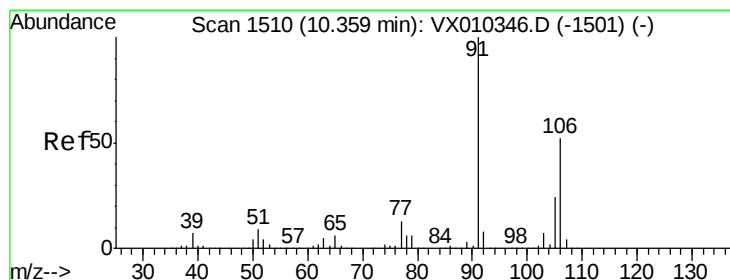
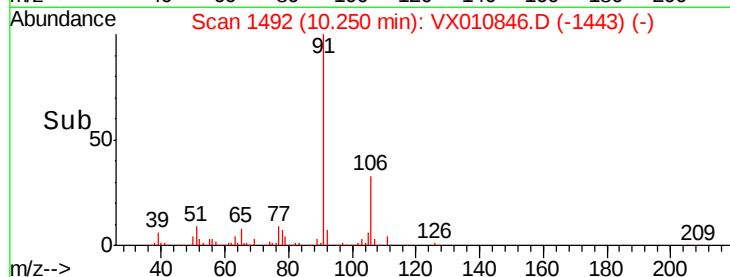
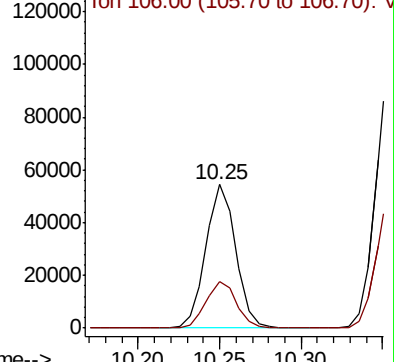
Ion Ratio Lower Upper

91 100

106 32.7 26.2 39.2



Abundance Ion 91.00 (90.70 to 91.70): VX010346.D (-1480) (-)



#68

m/p-Xylenes

Concen: 19.602 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX010846.D

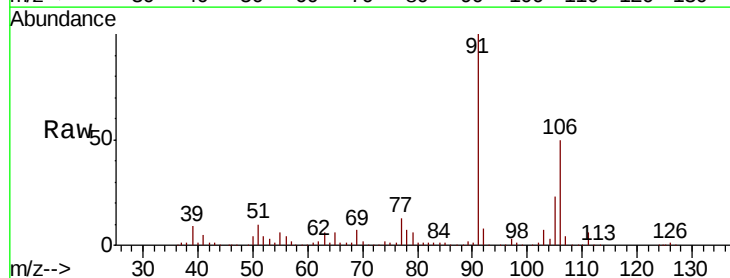
Acq: 12 Jul 2019 19:10

Tgt Ion: 106 Resp: 78508

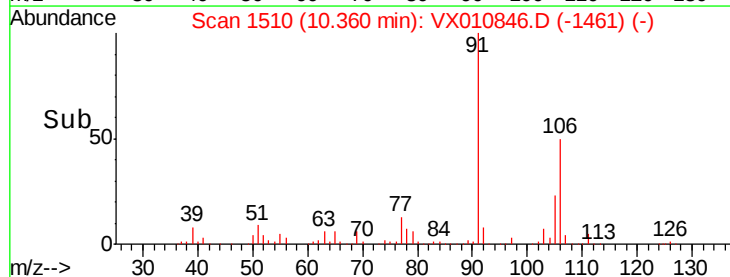
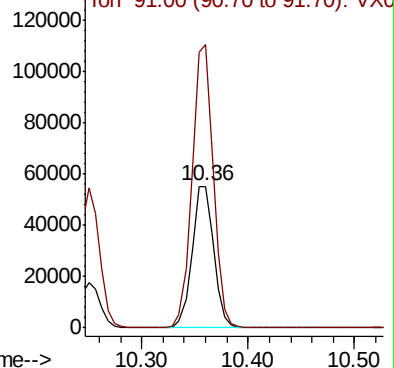
Ion Ratio Lower Upper

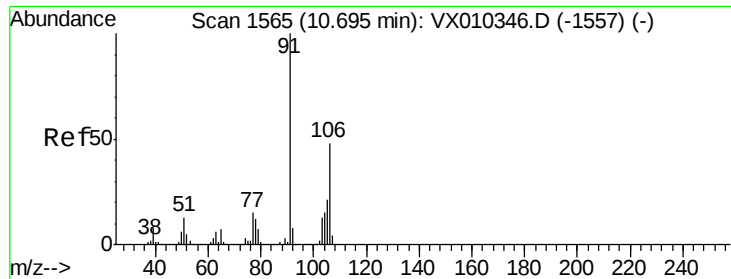
106 100

91 195.6 155.3 232.9



Abundance Ion 106.00 (105.70 to 106.70): VX010346.D (-1501) (-)

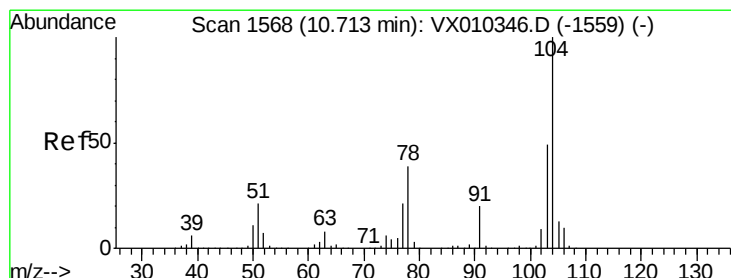
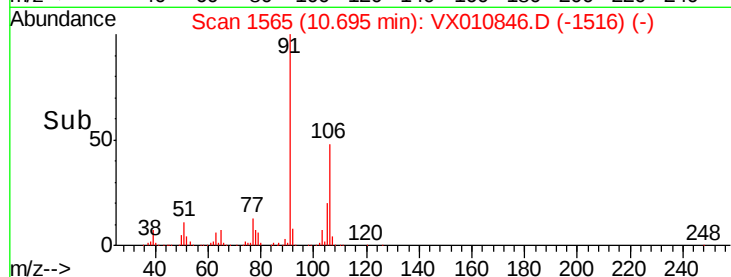
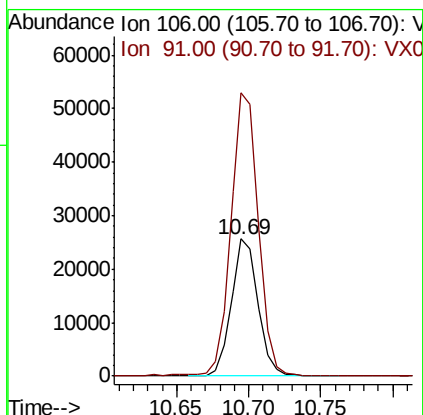
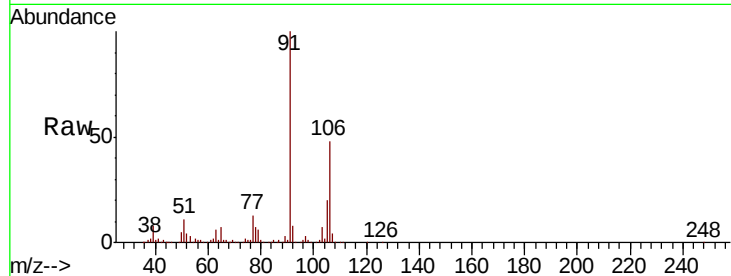




#69
o-Xylene
Concen: 8.462 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010846.D
Acq: 12 Jul 2019 19:10

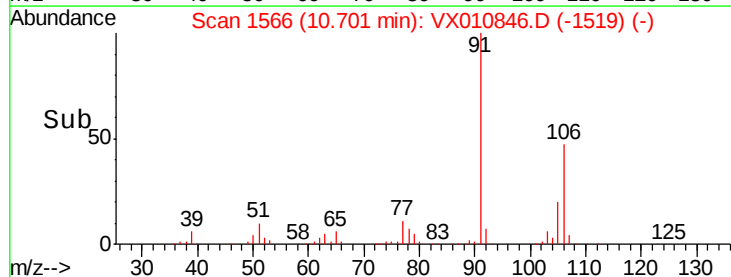
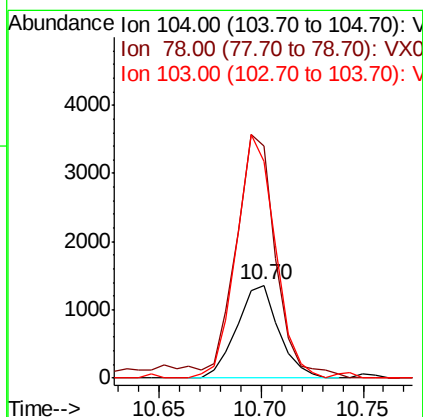
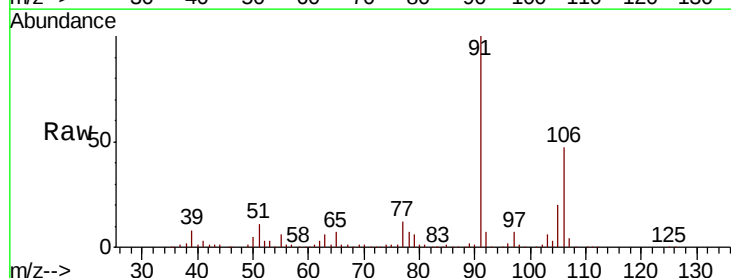
Instrument :
MSVOA_X
ClientSampleId :
FL-0599

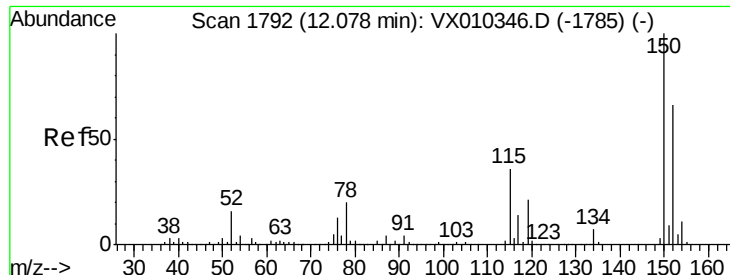
Tot Ion:106 Resp: 33328
Ion Ratio Lower Upper
106 100
91 213.0 102.7 308.1



#70
Styrene
Concen: 0.295 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.01 min
Lab File: VX010846.D
Acq: 12 Jul 2019 19:10

Tgt Ion:104 Resp: 1951
Ion Ratio Lower Upper
104 100
78 246.1 36.2 54.2#
103 241.1 44.2 66.4#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010846.D

Acq: 12 Jul 2019 19:10

Instrument :

MSVOA_X

ClientSampleId :

FL-0599

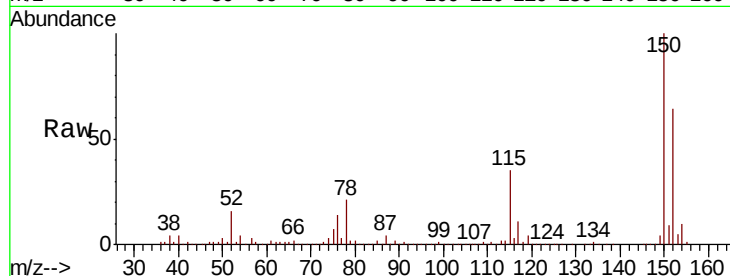
Tot Ion:152 Resp: 151088

Ion Ratio Lower Upper

152 100

115 58.8 38.6 115.7

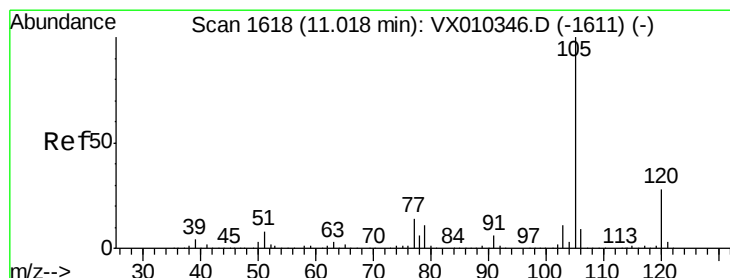
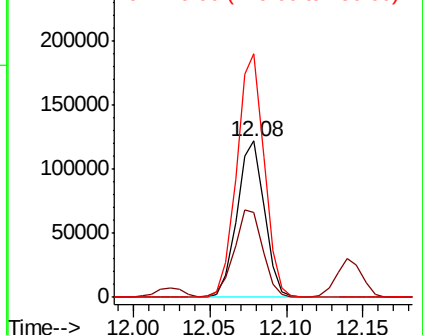
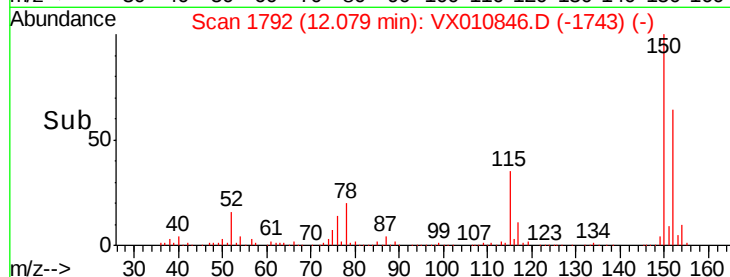
150 156.3 0.0 347.4



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: 18.046 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010846.D

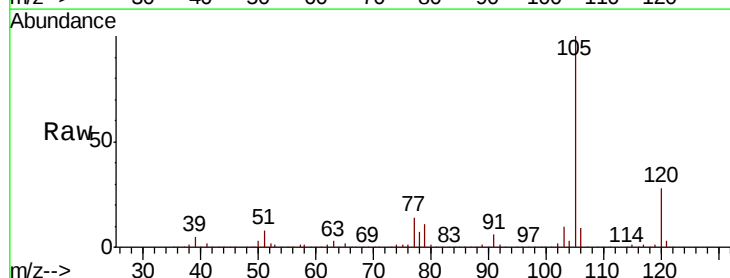
Acq: 12 Jul 2019 19:10

Tgt Ion:105 Resp: 184823

Ion Ratio Lower Upper

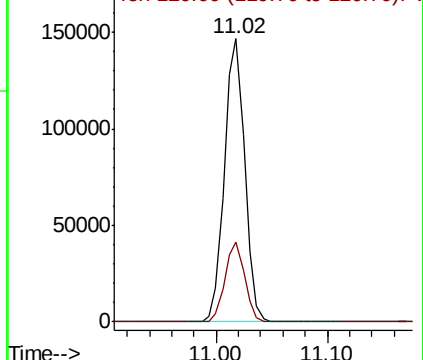
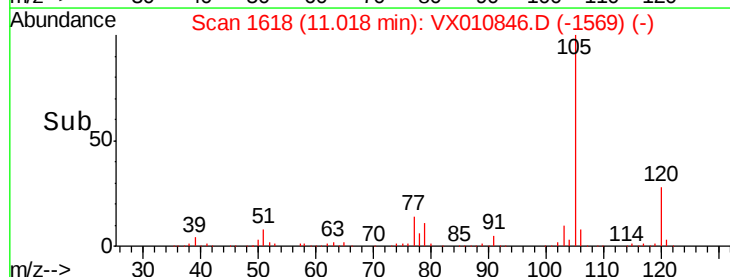
105 100

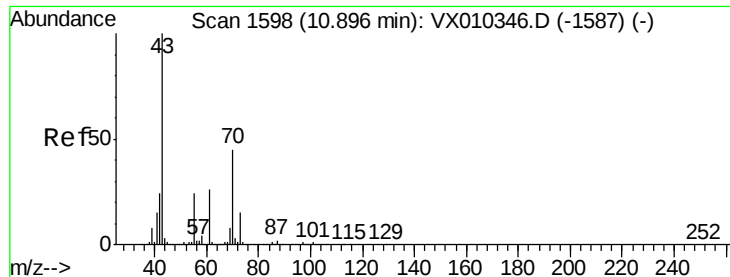
120 27.4 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.630 ug/l

RT: 10.91 min Scan# 1601

Delta R.T. 0.02 min

Lab File: VX010846.D

Acq: 12 Jul 2019 19:10

Instrument :

MSVOA_X

ClientSampled :

FL-0599

Tot Ion: 43 Resp: 2440

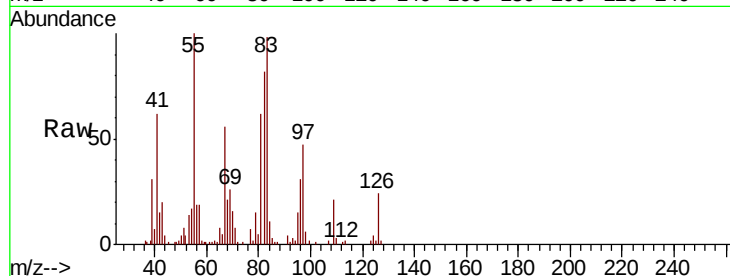
Ion Ratio Lower Upper

43 100

70 108.2 36.6 54.8#

55 529.4 18.7 28.1#

61 0.0 20.6 31.0#



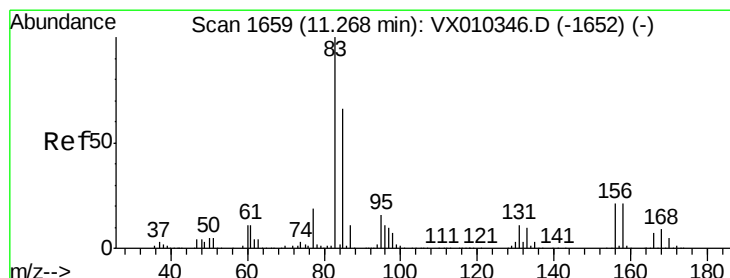
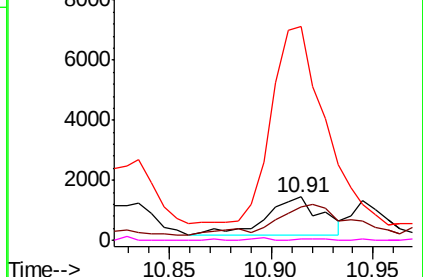
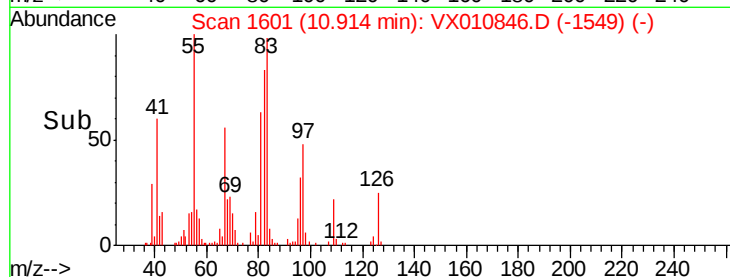
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Time-->



#75

1,1,2,2-Tetrachloroethane

Concen: 0.918 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX010846.D

Acq: 12 Jul 2019 19:10

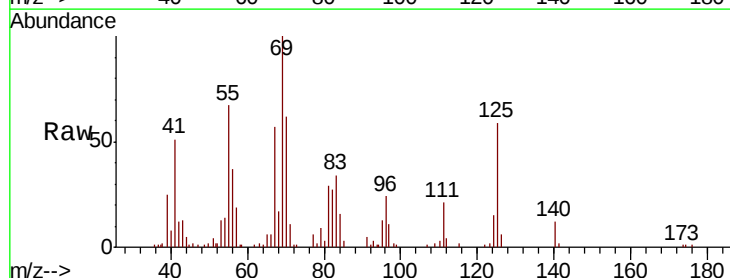
Tgt Ion: 83 Resp: 3113

Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.4#

85 12.0 32.3 96.8#

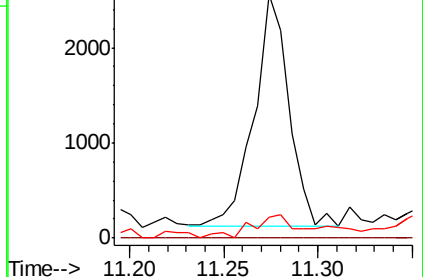
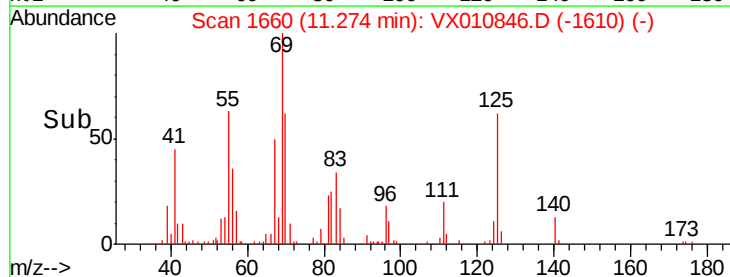


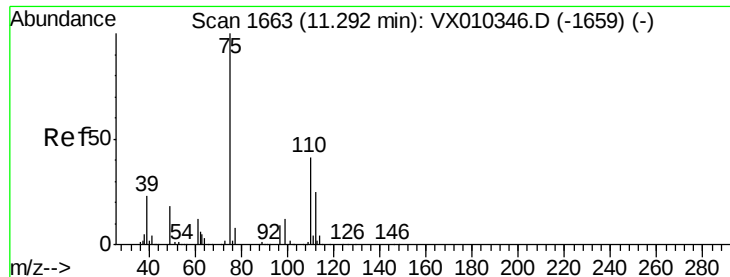
Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

Time-->





#76

1,2,3-Trichloropropane

Concen: 0.784 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.07 min

Lab File: VX010846.D

Acq: 12 Jul 2019 19:10

Instrument :

MSVOA_X

ClientSampleId :

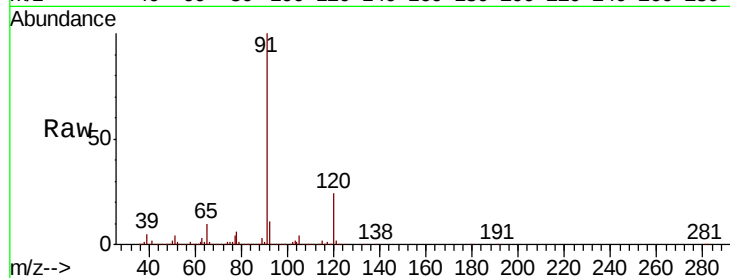
FL-0599

Tot Ion: 75 Resp: 2159

Ion Ratio Lower Upper

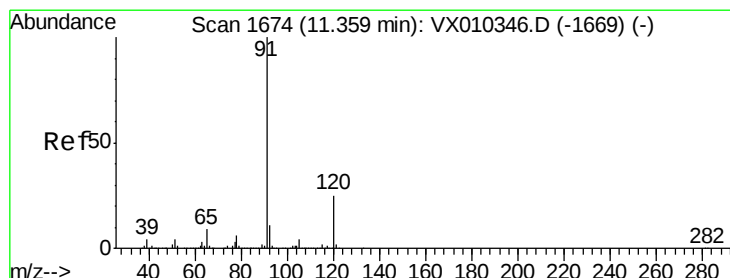
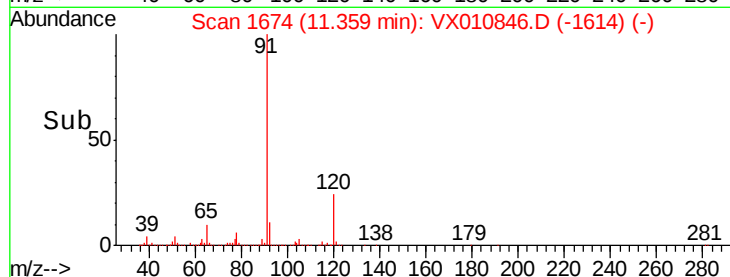
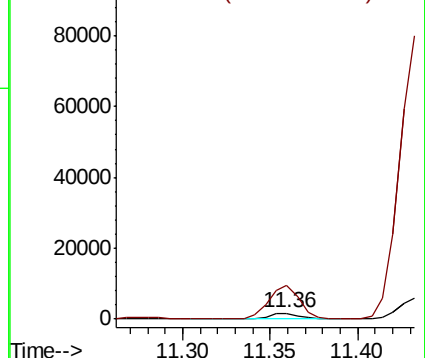
75 100

77 541.6 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: 27.876 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010846.D

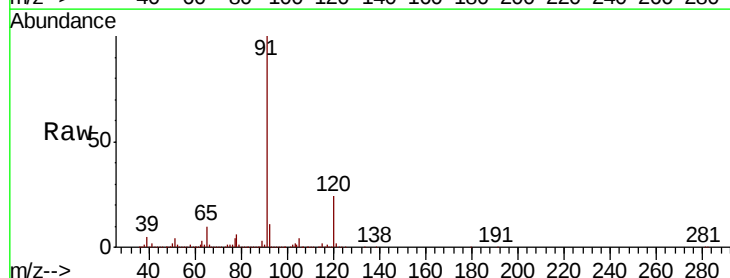
Acq: 12 Jul 2019 19:10

Tgt Ion: 91 Resp: 313783

Ion Ratio Lower Upper

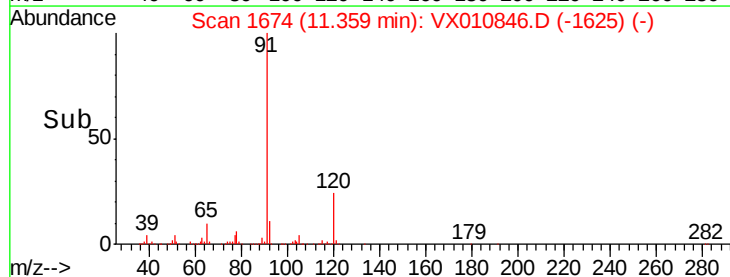
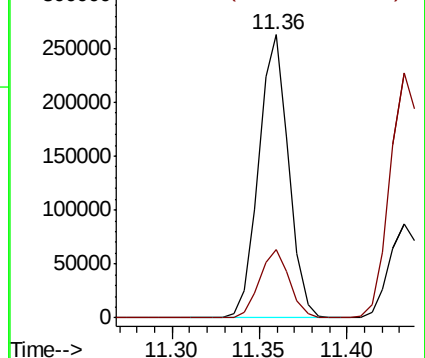
91 100

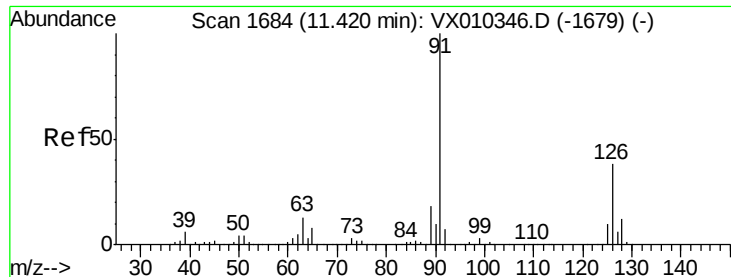
120 24.2 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

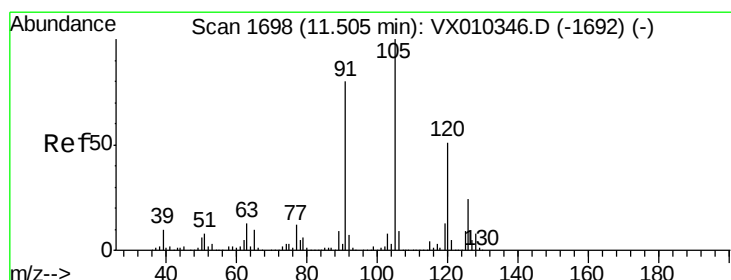
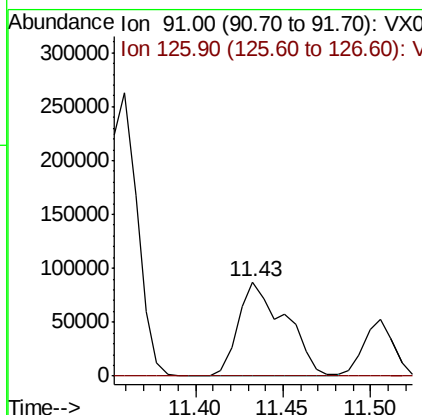
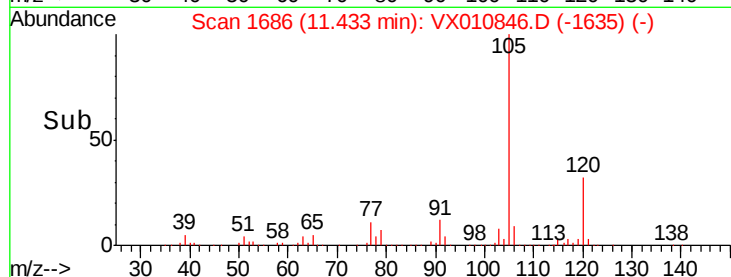
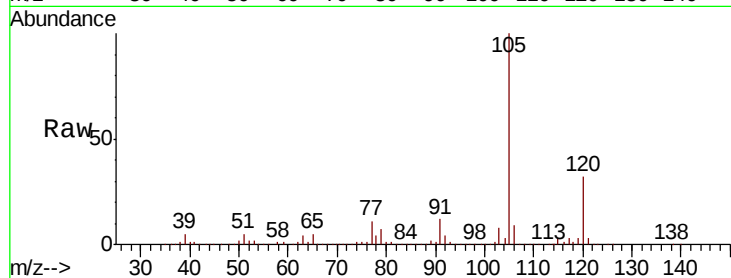




#79
 2-Chlorotoluene
 Concen: 24.260 ug/l
 RT: 11.43 min Scan# 1686
 Delta R.T. 0.01 min
 Lab File: VX010846.D
 Acq: 12 Jul 2019 19:10

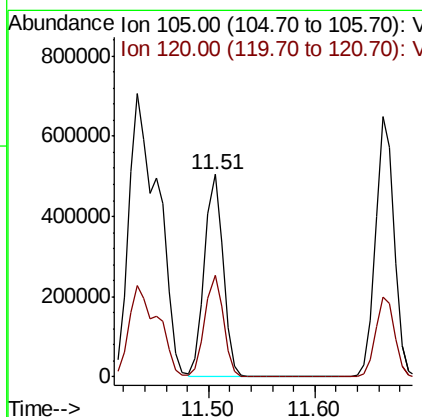
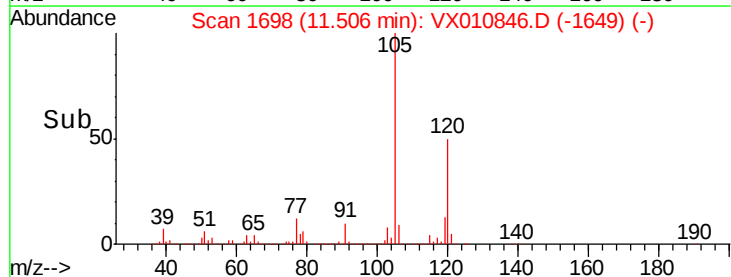
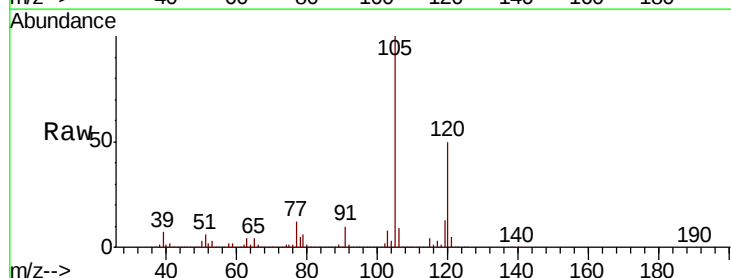
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0599

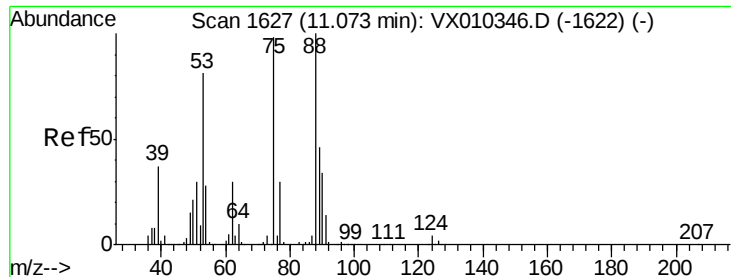
Tot Ion: 91 Resp: 162610
 Ion Ratio Lower Upper
 91 100
 126 0.1 18.7 56.1#



#80
 1,3,5-Trimethylbenzene
 Concen: 70.456 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010846.D
 Acq: 12 Jul 2019 19:10

Tgt Ion: 105 Resp: 594875
 Ion Ratio Lower Upper
 105 100
 120 50.0 25.2 75.6

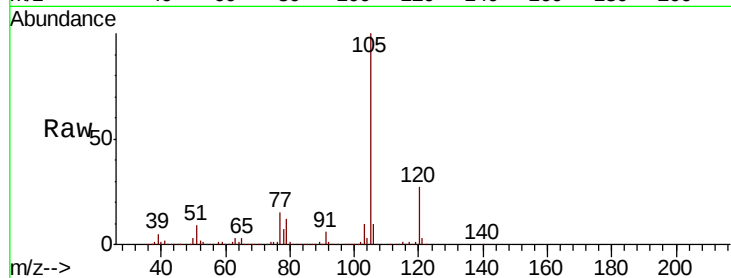




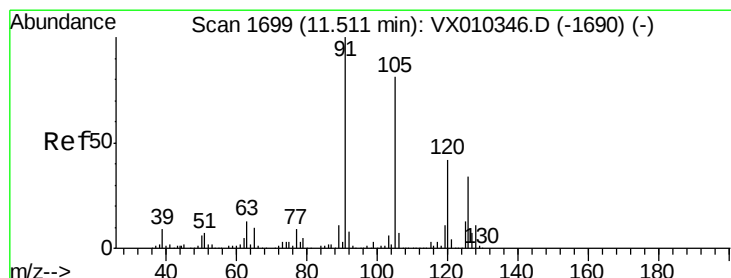
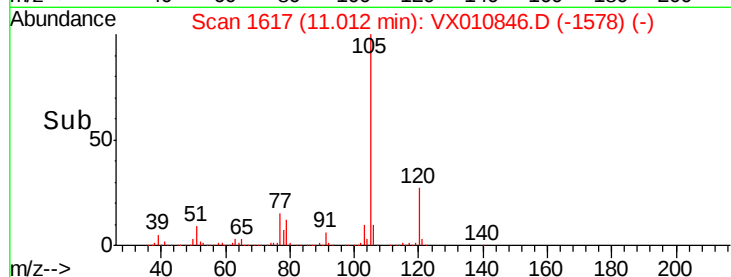
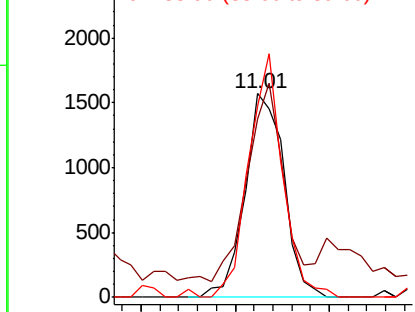
#81
trans-1,4-Dichloro-2-butene
Concen: 1.913 ug/l
RT: 11.01 min Scan# 1617
Delta R.T. -0.06 min
Lab File: VX010846.D
Acq: 12 Jul 2019 19:10

Instrument :
MSVOA_X
ClientSampleId :
FL-0599

Tot Ion: 75 Resp: 2258
Ion Ratio Lower Upper
75 100
53 84.0 66.1 99.1
89 103.6 37.8 56.6#

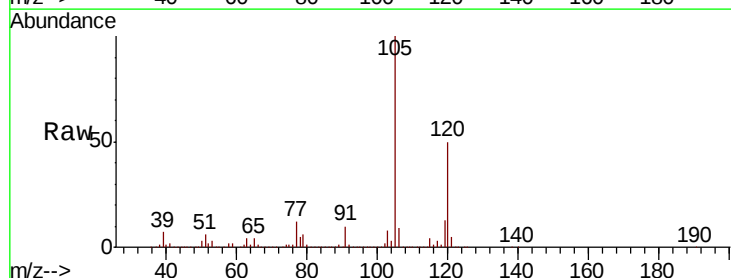


Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0

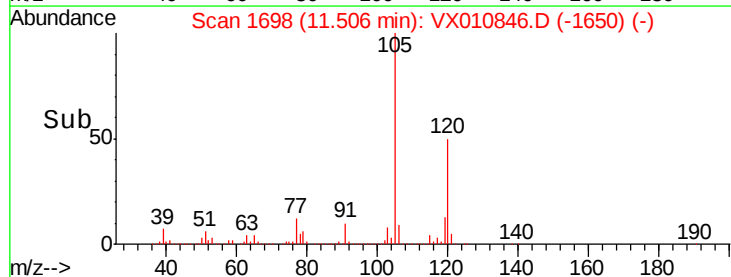
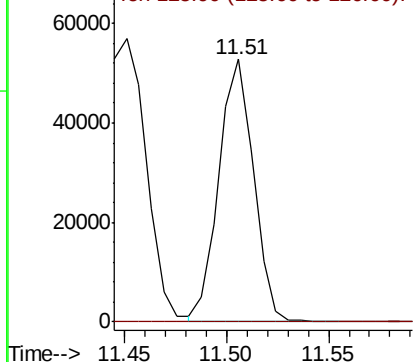


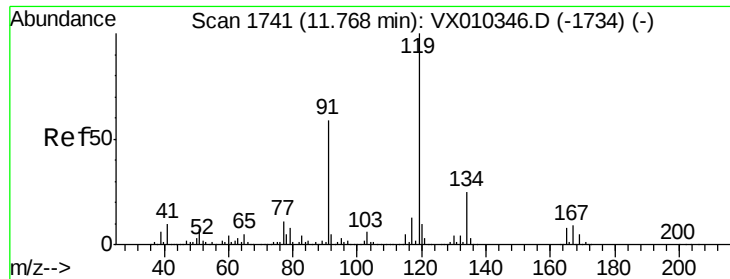
#82
4-Chlorotoluene
Concen: 8.129 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX010846.D
Acq: 12 Jul 2019 19:10

Tgt Ion: 91 Resp: 62000
Ion Ratio Lower Upper
91 100
126 0.1 16.2 48.6#



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

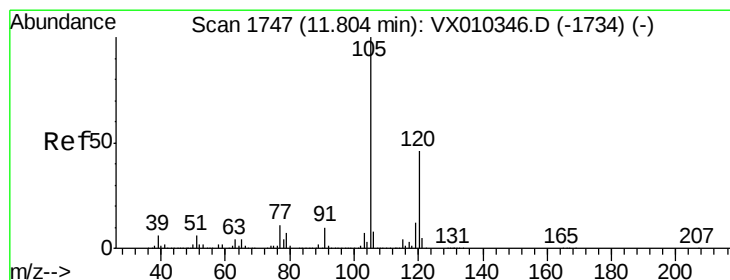
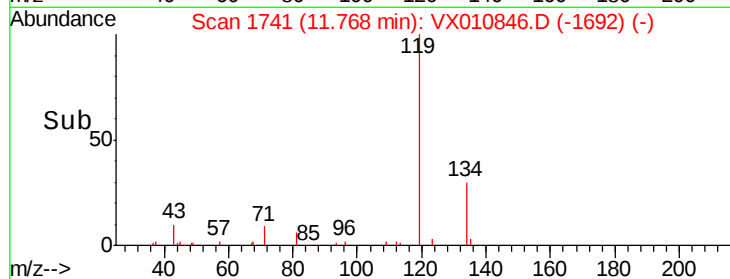
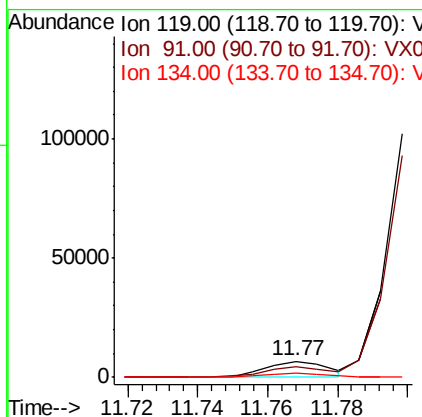
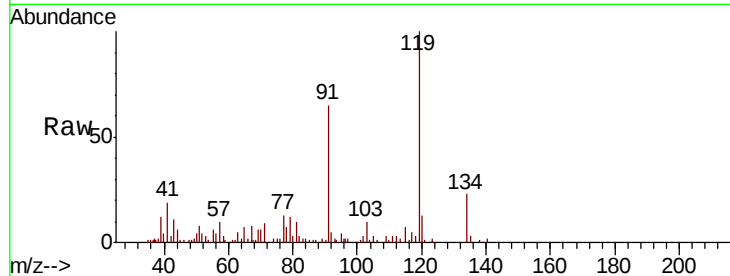




#83
 tert-Butylbenzene
 Concen: 0.984 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX010846.D
 Acq: 12 Jul 2019 19:10

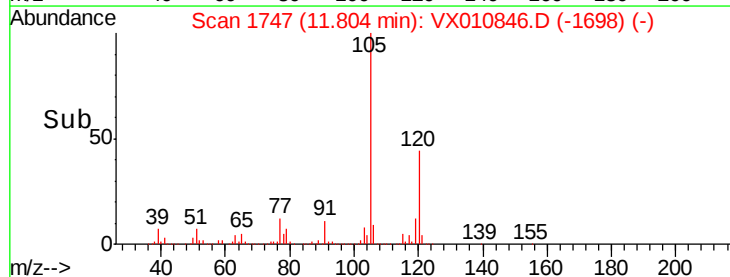
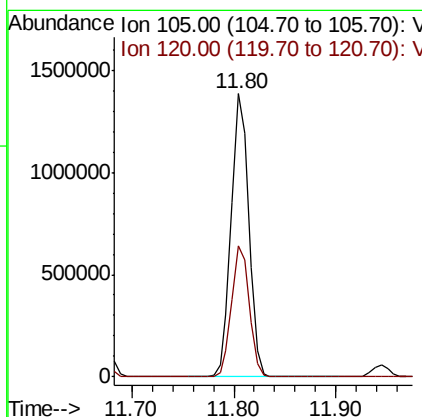
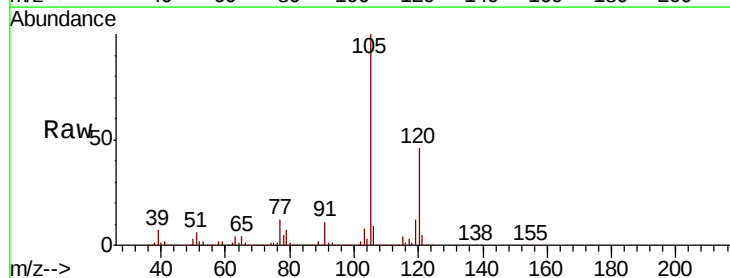
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0599

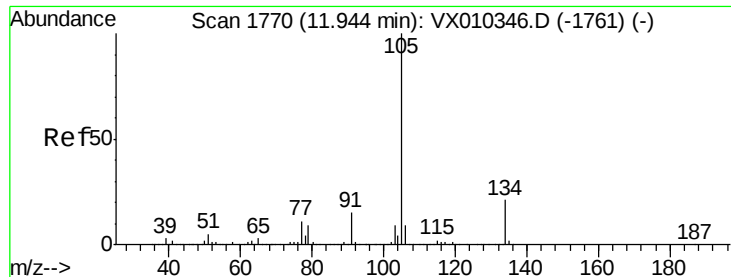
Tot Ion:119 Resp: 8338
 Ion Ratio Lower Upper
 119 100
 91 63.4 27.6 82.7
 134 23.6 11.8 35.4



#84
 1,2,4-Trimethylbenzene
 Concen: 193.345 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010846.D
 Acq: 12 Jul 2019 19:10

Tgt Ion:105 Resp: 1640109
 Ion Ratio Lower Upper
 105 100
 120 46.6 23.1 69.2

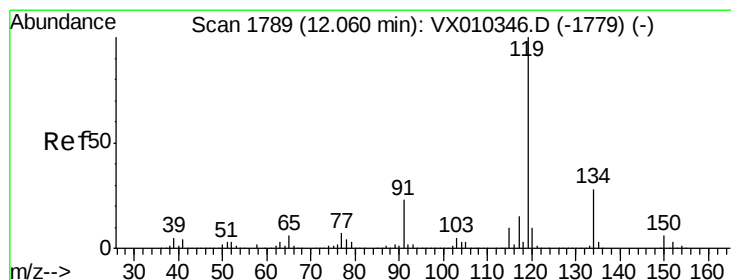
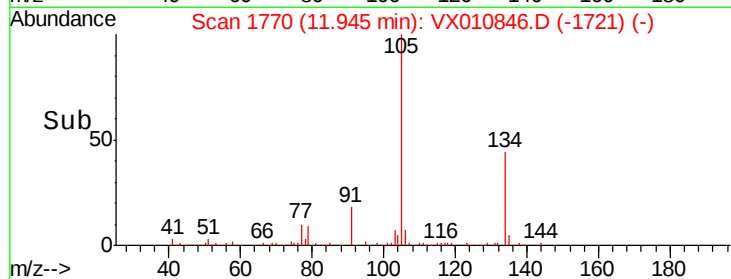
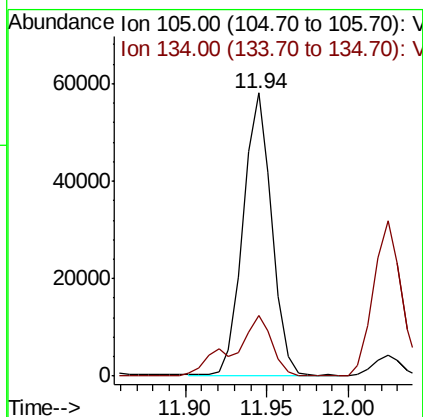
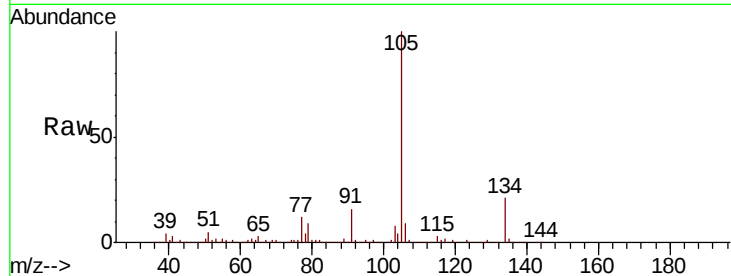




#85
 sec-Butylbenzene
 Concen: 7.119 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX010846.D
 Acq: 12 Jul 2019 19:10

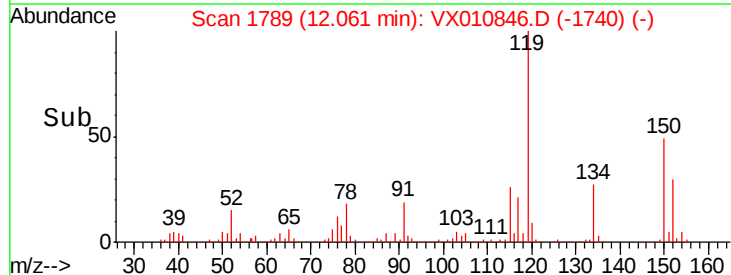
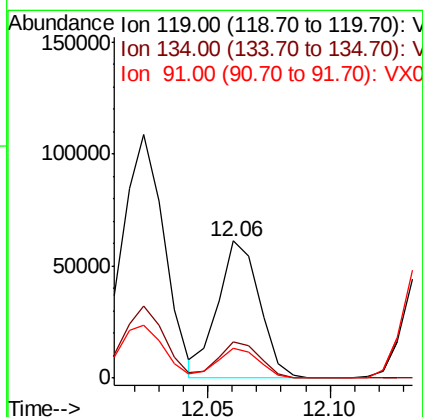
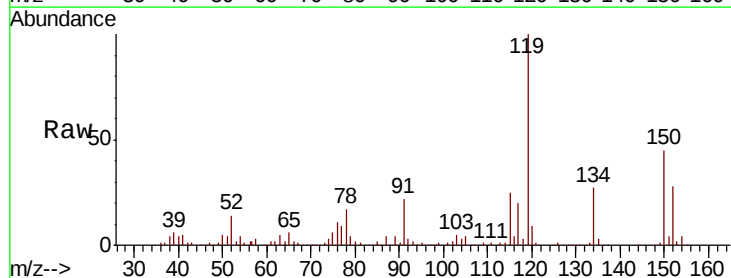
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0599

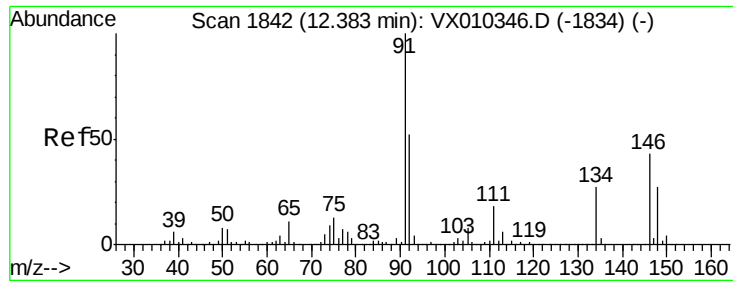
Tot Ion:105 Resp: 70834
 Ion Ratio Lower Upper
 105 100
 134 29.2 10.7 31.9



#86
 p-Isopropyltoluene
 Concen: 7.845 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX010846.D
 Acq: 12 Jul 2019 19:10

Tgt Ion:119 Resp: 72201
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.7 41.1
 91 22.3 11.3 33.8

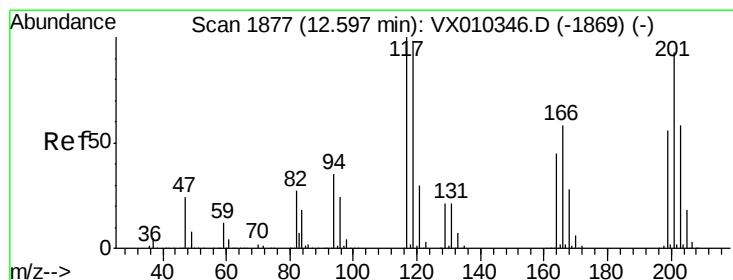
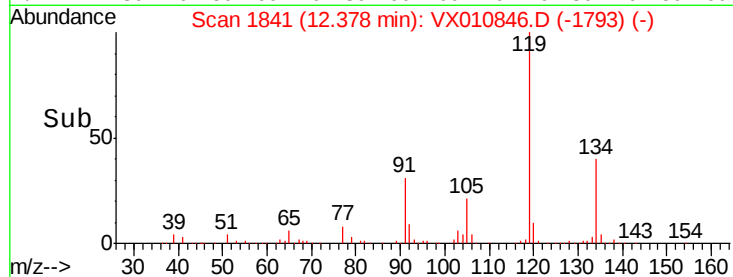
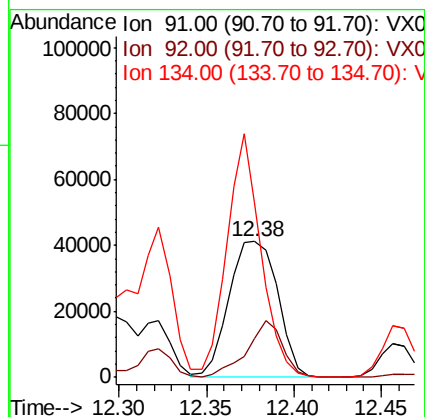
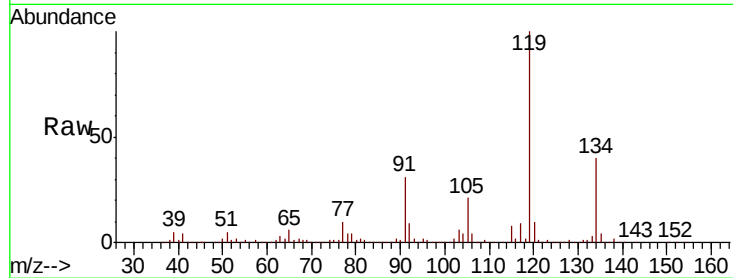




#89
n-Butylbenzene
Concen: 10.177 ug/l
RT: 12.38 min Scan# 1841
Delta R.T. -0.01 min
Lab File: VX010846.D
Acq: 12 Jul 2019 19:10

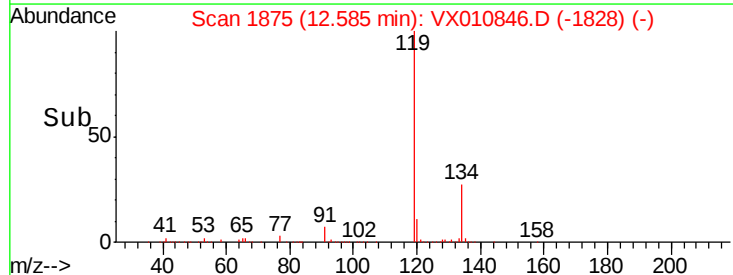
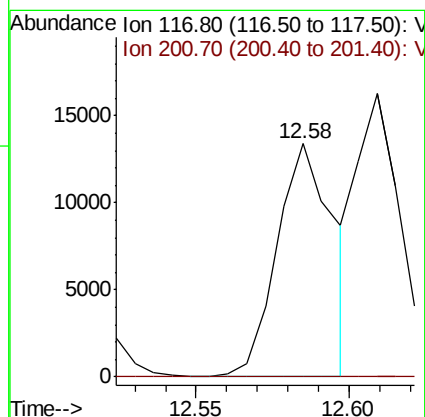
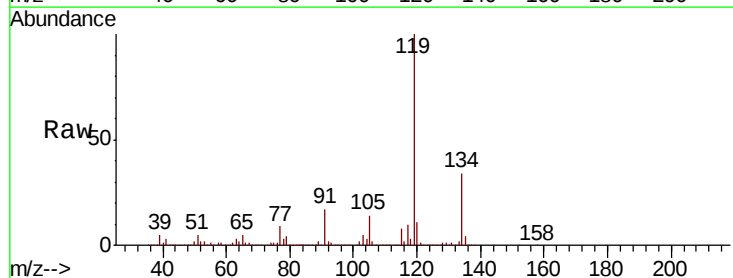
Instrument :
MSVOA_X
ClientSampled :
FL-0599

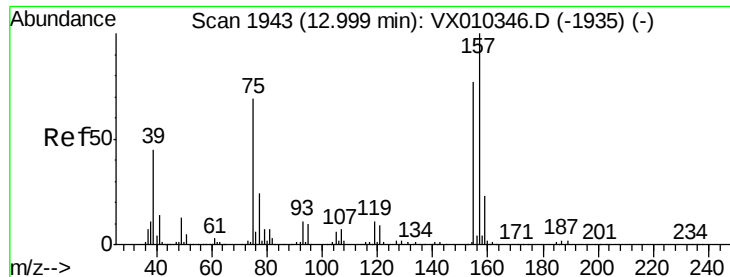
Tot Ion: 91 Resp: 79591
Ion Ratio Lower Upper
91 100
92 30.6 26.2 78.5
134 124.1 14.1 42.4#



#90
Hexachloroethane
Concen: 10.715 ug/l
RT: 12.58 min Scan# 1875
Delta R.T. -0.01 min
Lab File: VX010846.D
Acq: 12 Jul 2019 19:10

Tgt Ion: 117 Resp: 17052
Ion Ratio Lower Upper
117 100
201 0.0 44.0 131.8#

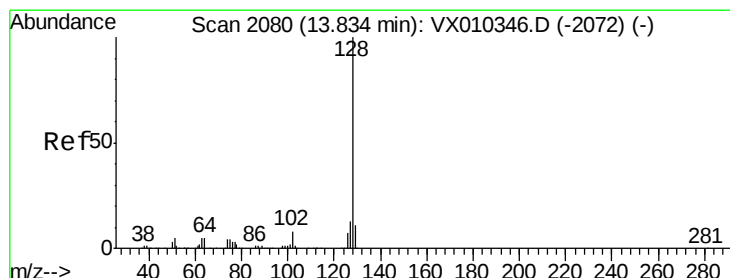
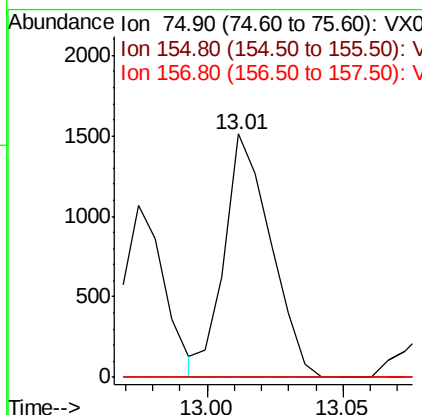
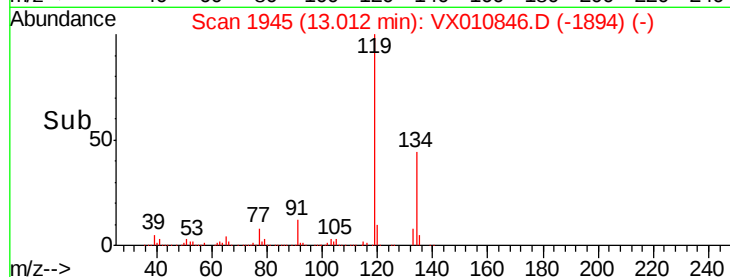
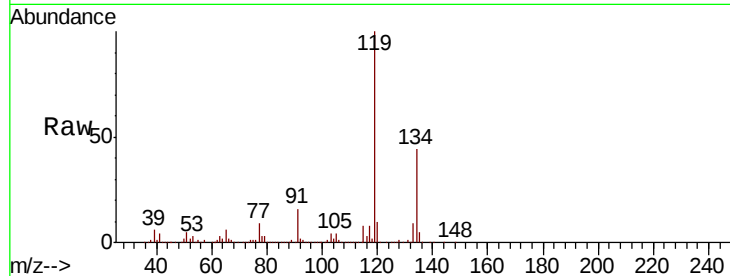




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.444 ug/l
 RT: 13.01 min Scan# 1945
 Delta R.T. 0.01 min
 Lab File: VX010846.D
 Acq: 12 Jul 2019 19:10

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0599

Tot Ion: 75 Resp: 1787
 Ion Ratio Lower Upper
 75 100
 155 0.0 54.4 163.1#
 157 0.0 69.5 208.3#



#95
 Naphthalene
 Concen: 7.457 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX010846.D
 Acq: 12 Jul 2019 19:10

Tgt Ion: 128 Resp: 78847
 Ion Ratio Lower Upper
 128 100
 127 13.7 10.2 15.4
 129 14.3 8.9 13.3#

