

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071219\
 Data File : VX010843.D
 Acq On : 12 Jul 2019 18:00
 Operator : JC/SP
 Sample : K3786-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0587

Quant Time: Jul 13 01:41:38 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	209566	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	333849	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	304837	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	146437	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	109323	55.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.28%	
35) Dibromofluoromethane	5.50	113	100770	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	
50) Toluene-d8	8.71	98	395577	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	
62) 4-Bromofluorobenzene	11.13	95	139239	49.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.70%	

Target Compounds

					Qvalue	
3) Chloromethane	1.32	50	540	0.318	ug/l #	1
5) Bromomethane	1.65	94	183	0.202	ug/l	85
6) Chloroethane	1.92	64	401	0.366	ug/l #	46
11) Tert butyl alcohol	3.02	59	936	1.820	ug/l #	74
13) Acrolein	2.23	56	257	0.754	ug/l #	14
14) Allyl chloride	2.84	41	18659	7.235	ug/l #	69
16) Acetone	2.40	43	17450	17.720	ug/l #	48
18) Methyl Acetate	2.85	43	47244	24.072	ug/l #	49
20) Methylene Chloride	2.86	84	590	0.291	ug/l #	1
29) Tetrahydrofuran	5.13	42	228	0.255	ug/l #	28
31) Cyclohexane	5.57	56	20444	7.203	ug/l #	94
36) 1,1-Dichloropropene	5.67	75	13670	5.153	ug/l #	47
38) Carbon Tetrachloride	5.66	117	19713	6.862	ug/l #	15
39) Methylcyclohexane	7.46	83	20408	5.852	ug/l	97
40) Benzene	6.15	78	12377	1.497	ug/l	100
48) Methyl methacrylate	7.74	41	956	0.455	ug/l #	26
49) 1,4-Dioxane	7.76	88	21	0.347	ug/l #	1
55) 1,1,2-Trichloroethane	9.16	97	6950	3.096	ug/l #	19
56) Ethyl methacrylate	9.16	69	1752	0.515	ug/l #	15
67) Ethyl Benzene	10.25	91	319864	30.615	ug/l	100
68) m/p-Xylenes	10.36	106	23721	5.859	ug/l	94
69) o-Xylene	10.70	106	1706	0.429	ug/l	95
73) Isopropylbenzene	11.02	105	115497	11.635	ug/l	99
76) 1,2,3-Trichloropropane	11.13	75	68379	25.625	ug/l #	34
78) n-propylbenzene	11.36	91	159572	14.626	ug/l	100
79) 2-Chlorotoluene	11.36	91	159572	24.563	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.45	105	18067	2.208	ug/l	69
81) trans-1,4-Dichloro-2-buten	11.13	75	68379	59.780	ug/l #	16
82) 4-Chlorotoluene	11.36	91	159572	21.586	ug/l #	42
83) tert-Butylbenzene	11.77	119	2210	0.269	ug/l	86
84) 1,2,4-Trimethylbenzene	11.80	105	30750	3.740	ug/l	99
85) sec-Butylbenzene	11.94	105	36914	3.828	ug/l	85
86) p-Isopropyltoluene	12.06	119	14509	1.627	ug/l	90
89) n-Butylbenzene	12.38	91	10261	1.354	ug/l #	68

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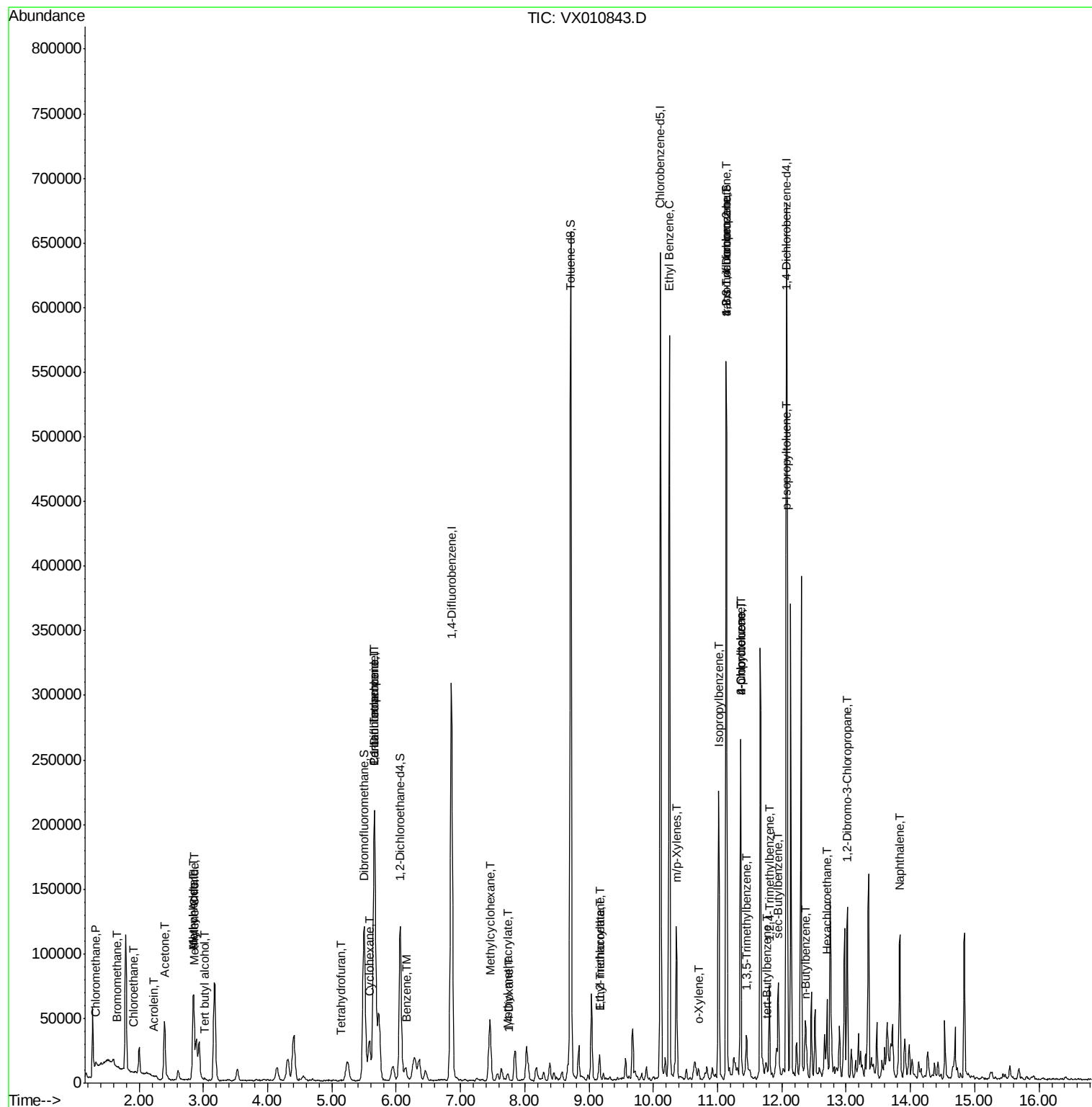
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	12.70	117	21158	13.717	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	13.01	75	445	0.628	ug/l #	1
95) Naphthalene	13.83	128	71981	7.024	ug/l	98

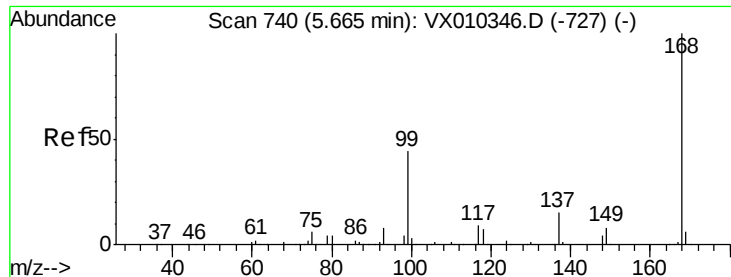
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX010843.D

Acq: 12 Jul 2019 18:00

Instrument :

MSVOA_X

ClientSampleId :

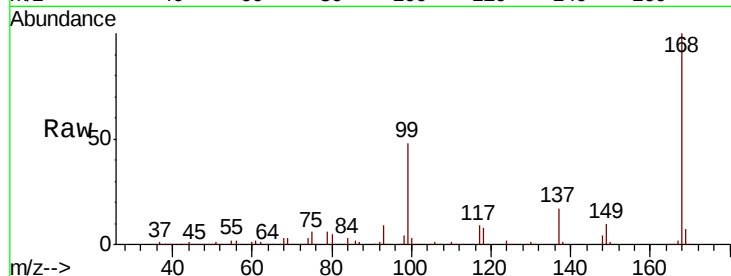
FL-0587

Tot Ion:168 Resp: 209566

Ion Ratio Lower Upper

168 100

99 48.3 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

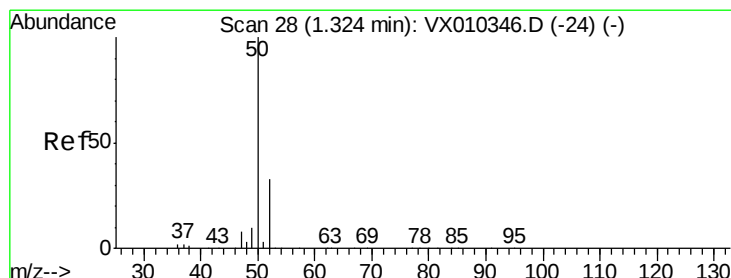
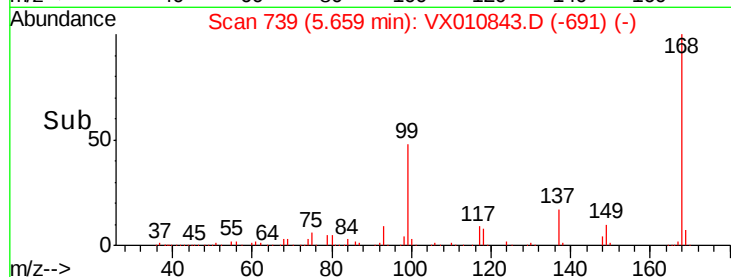
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.318 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010843.D

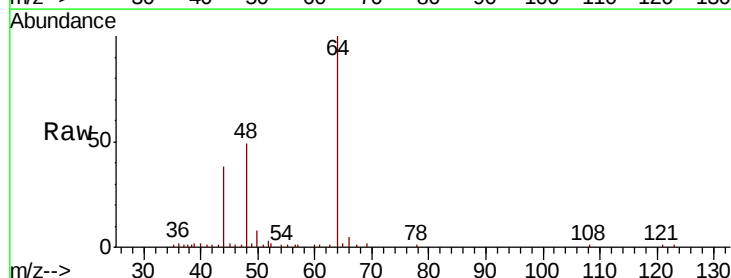
Acq: 12 Jul 2019 18:00

Tgt Ion: 50 Resp: 540

Ion Ratio Lower Upper

50 100

52 92.8 26.5 39.7#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

600

500

400

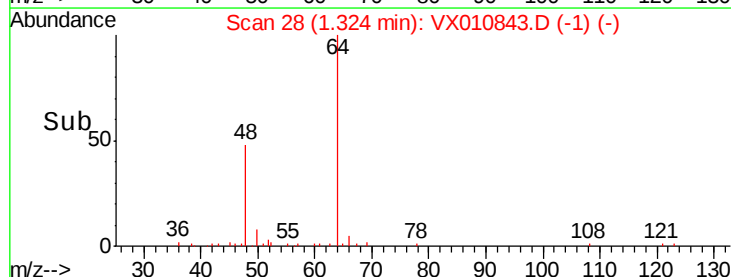
300

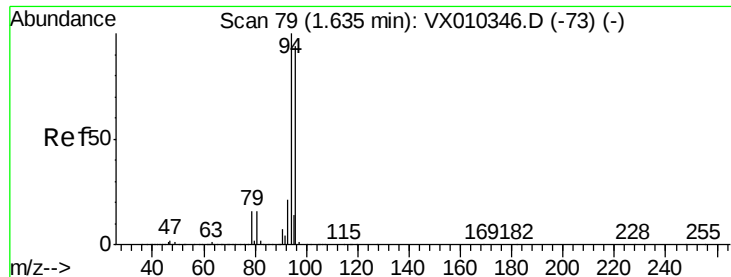
200

100

0

Time--> 1.30 1.32 1.34 1.36





#5

Bromomethane

Concen: 0.202 ug/l

RT: 1.65 min Scan# 82

Delta R.T. 0.02 min

Lab File: VX010843.D

Acq: 12 Jul 2019 18:00

Instrument :

MSVOA_X

ClientSampleId :

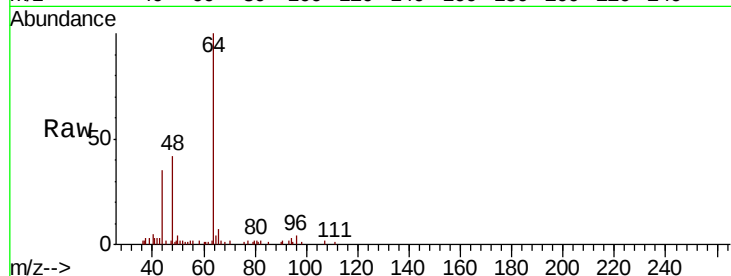
FL-0587

Tot Ion: 94 Resp: 183

Ion Ratio Lower Upper

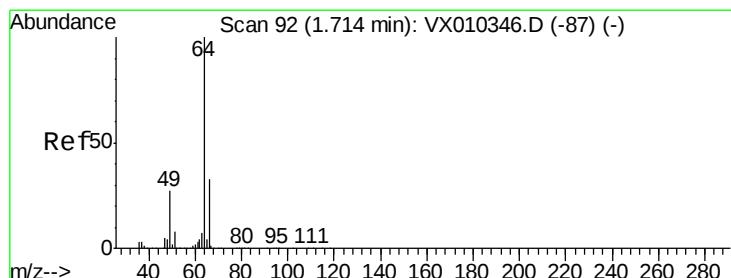
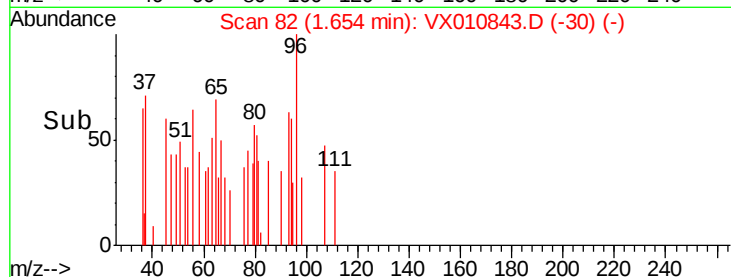
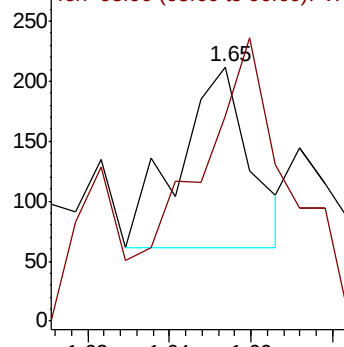
94 100

96 79.5 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 0.366 ug/l

RT: 1.92 min Scan# 125

Delta R.T. 0.20 min

Lab File: VX010843.D

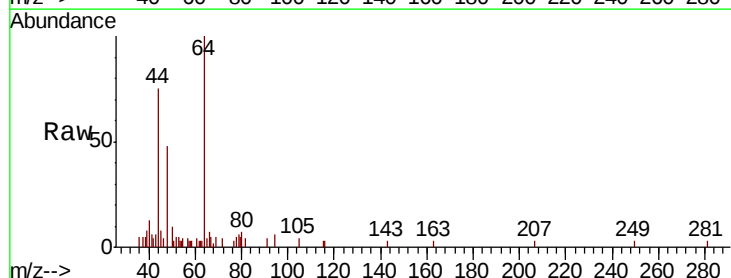
Acq: 12 Jul 2019 18:00

Tgt Ion: 64 Resp: 401

Ion Ratio Lower Upper

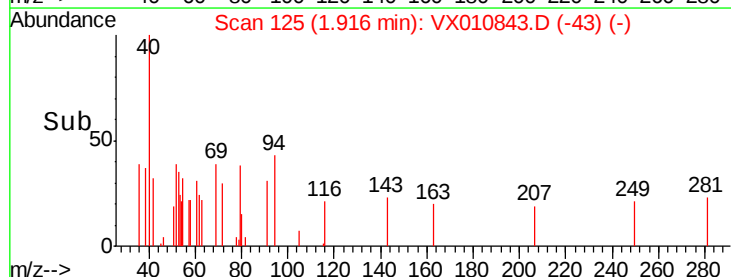
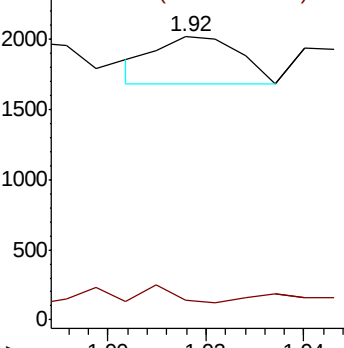
64 100

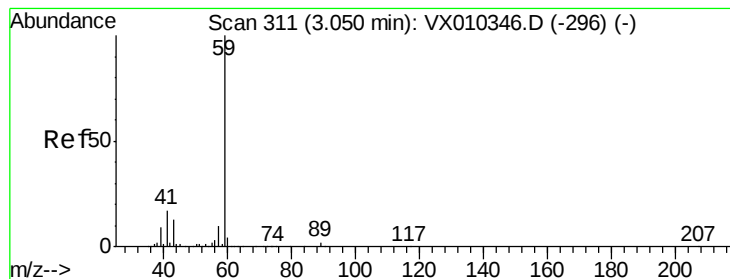
66 2.7 26.6 40.0#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



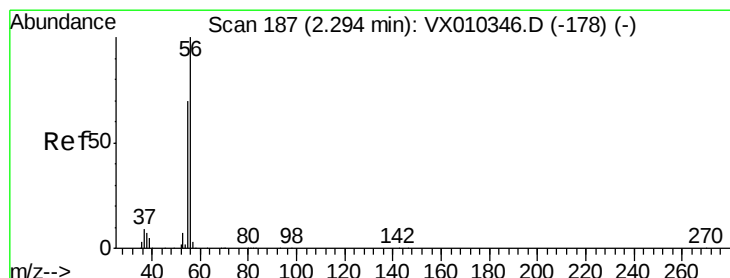
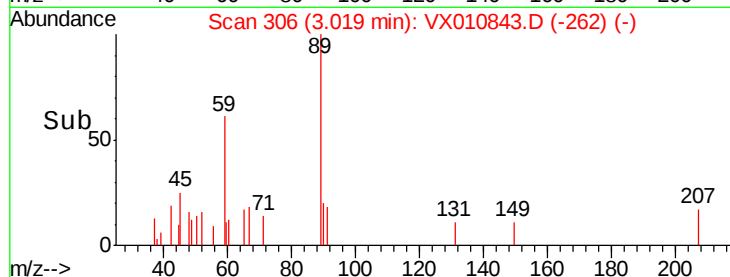
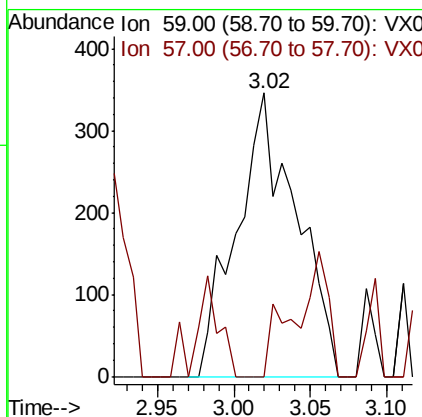
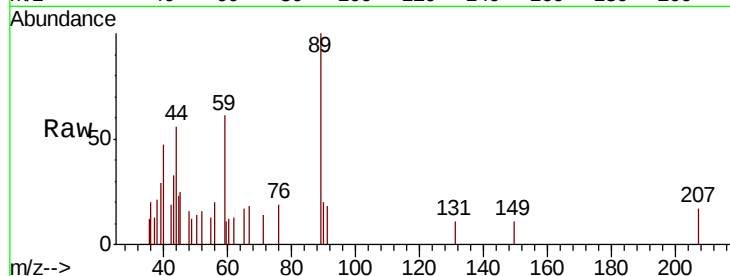


#11

Tert butyl alcohol
 Concen: 1.820 ug/l
 RT: 3.02 min Scan# 306
 Delta R.T. -0.03 min
 Lab File: VX010843.D
 Acq: 12 Jul 2019 18:00

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 MSVOA_X
 ClientSampleId :
 FL-0587

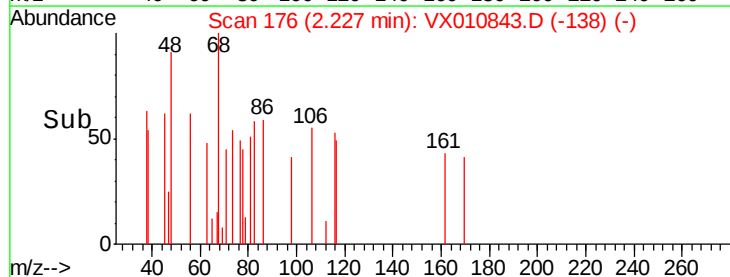
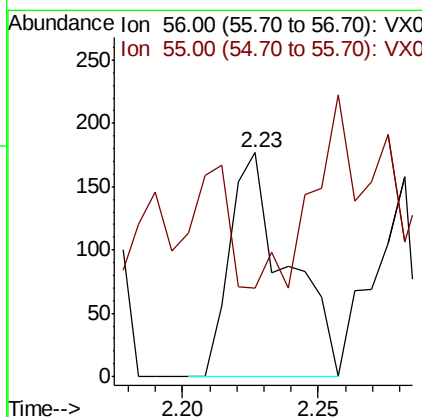
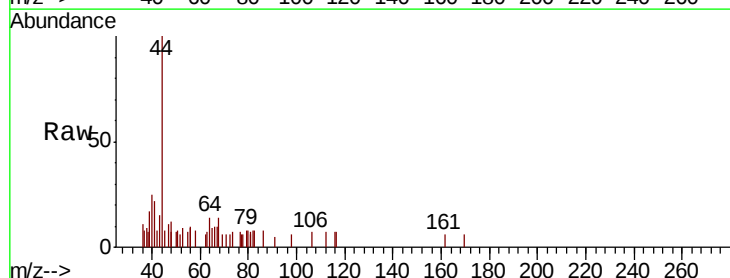
Tot Ion: 59 Resp: 936
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.7 11.5#

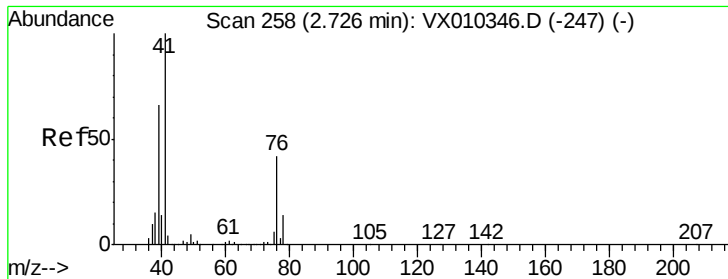


#13

Acrolein
 Concen: 0.754 ug/l
 RT: 2.23 min Scan# 176
 Delta R.T. -0.07 min
 Lab File: VX010843.D
 Acq: 12 Jul 2019 18:00

Tgt Ion: 56 Resp: 257
 Ion Ratio Lower Upper
 56 100
 55 0.0 56.9 85.3#





#14

Allvl chloride

Concen: 7.235 ug/l

RT: 2.84 min Scan# 277

Delta R.T. 0.12 min

Lab File: VX010843.D

Acq: 12 Jul 2019 18:00

Instrument :

MSVOA_X

ClientSampleId :

FL-0587

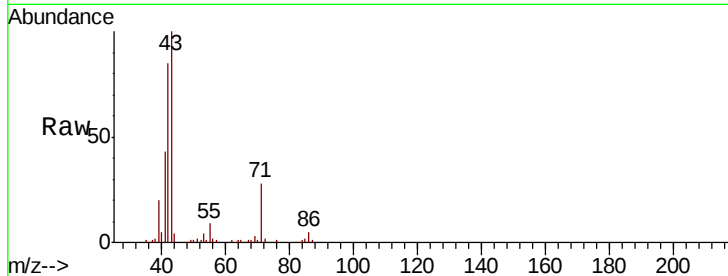
Tot Ion: 41 Resp: 18659

Ion Ratio Lower Upper

41 100

39 54.6 50.3 75.5

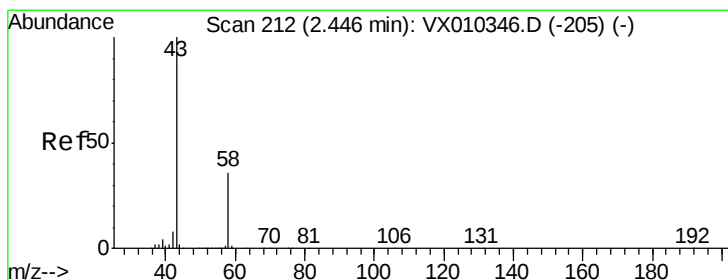
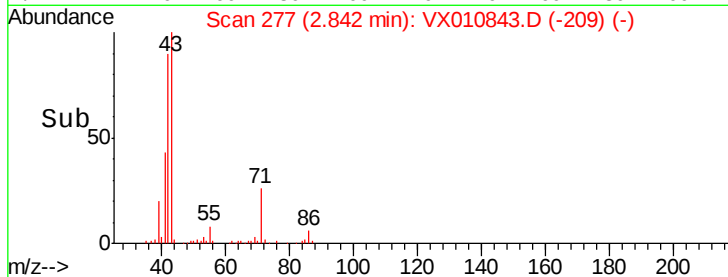
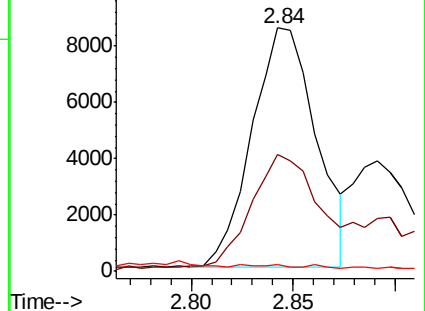
76 0.7 31.3 46.9#



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0



#16

Acetone

Concen: 17.720 ug/l

RT: 2.40 min Scan# 204

Delta R.T. -0.05 min

Lab File: VX010843.D

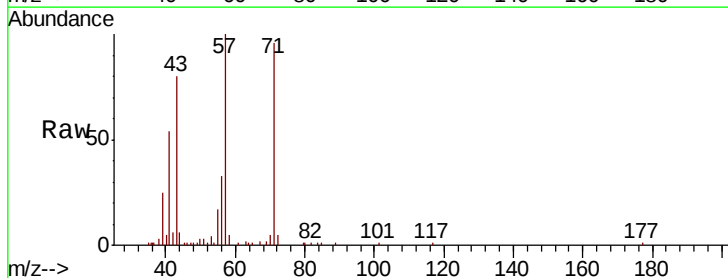
Acq: 12 Jul 2019 18:00

Tgt Ion: 43 Resp: 17450

Ion Ratio Lower Upper

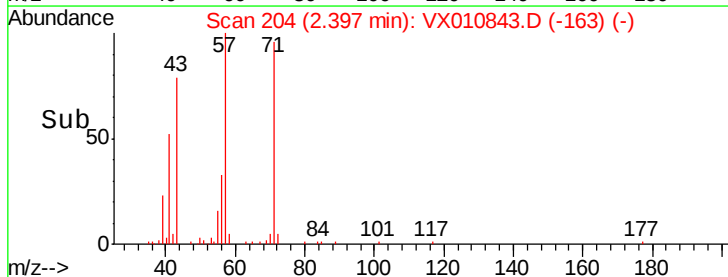
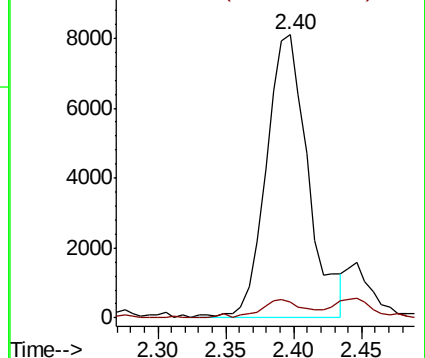
43 100

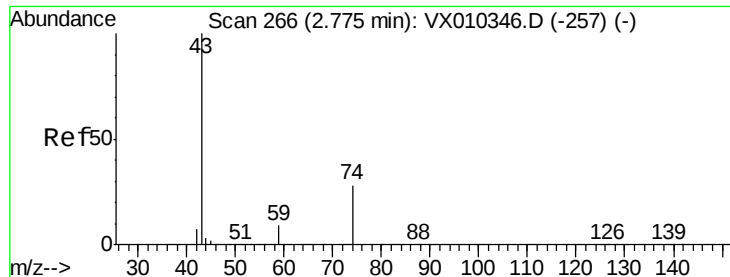
58 5.8 28.9 43.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

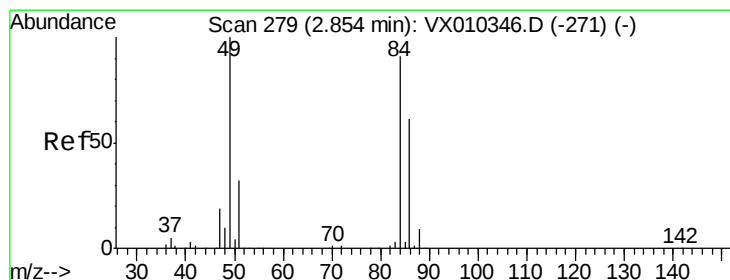
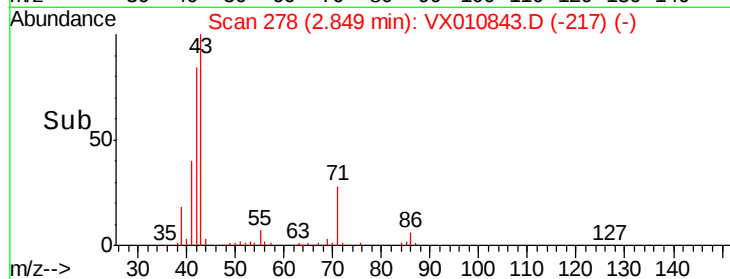
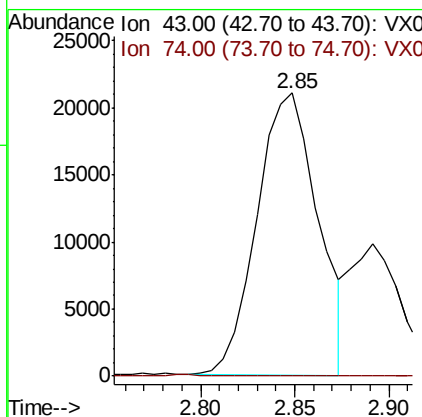
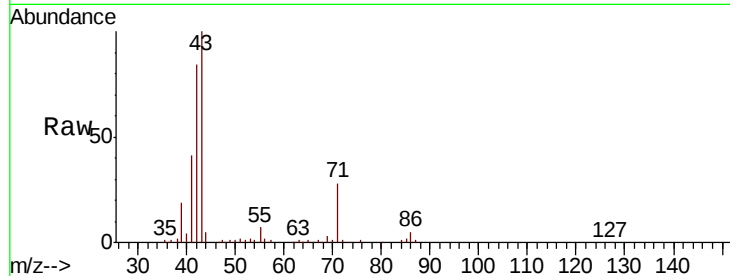




#18
Methyl Acetate
Concen: 24.072 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.07 min
Lab File: VX010843.D
Acq: 12 Jul 2019 18:00

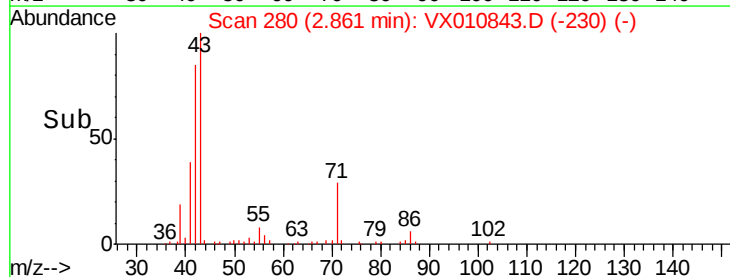
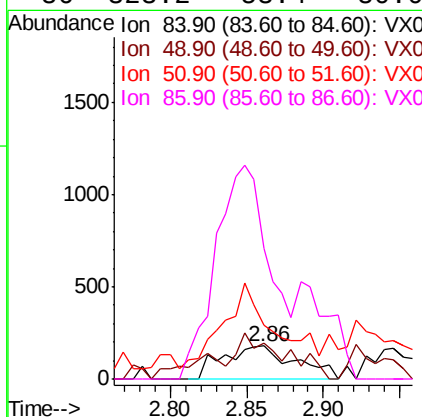
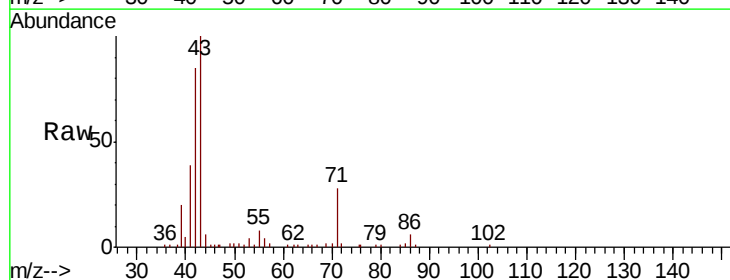
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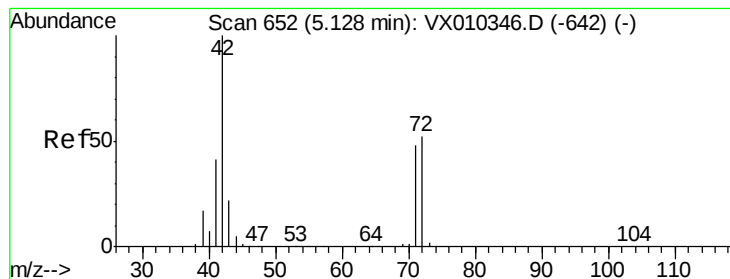
Tot Ion: 43 Resp: 47244
Ion Ratio Lower Upper
43 100
74 0.2 21.3 31.9#



#20
Methylene Chloride
Concen: 0.291 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX010843.D
Acq: 12 Jul 2019 18:00

Tgt Ion: 84 Resp: 590
Ion Ratio Lower Upper
84 100
49 110.7 87.5 131.3
51 104.5 27.7 41.5#
86 323.2 53.4 80.0#





#29

Tetrahydrofuran

Concen: 0.255 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX010843.D

Acq: 12 Jul 2019 18:00

Instrument :

MSVOA_X

ClientSampled :

FL-0587

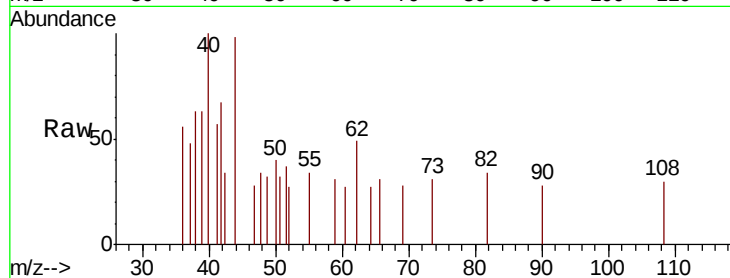
Tot Ion: 42 Resp: 228

Ion Ratio Lower Upper

42 100

72 0.0 40.6 60.8#

71 0.0 37.8 56.8#

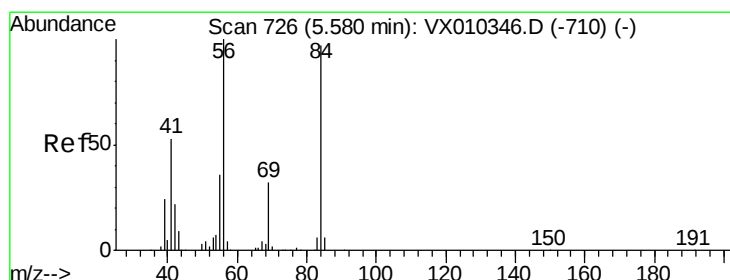
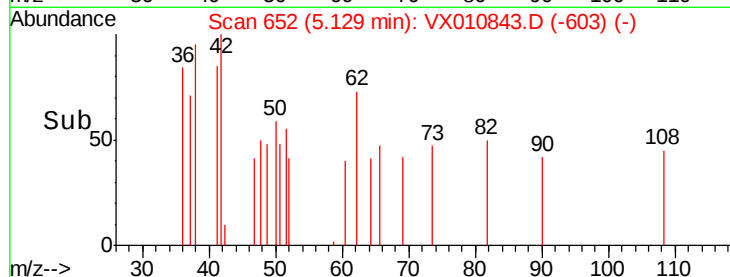
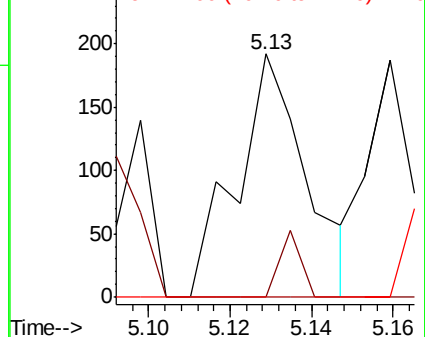


Abundance

Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#31

Cyclohexane

Concen: 7.203 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX010843.D

Acq: 12 Jul 2019 18:00

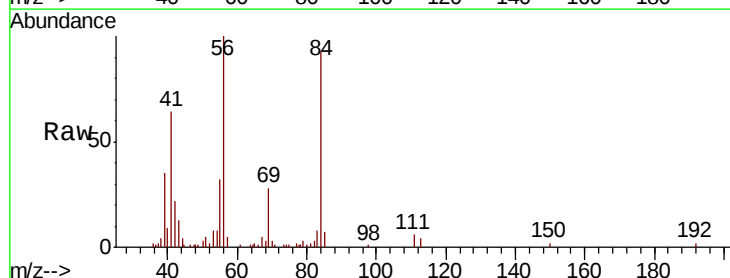
Tgt Ion: 56 Resp: 20444

Ion Ratio Lower Upper

56 100

69 25.5 25.9 38.9#

84 93.4 78.0 117.0

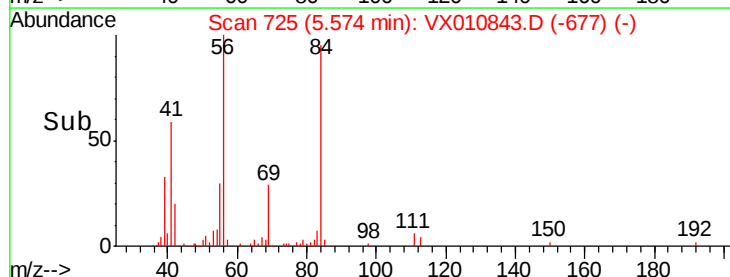
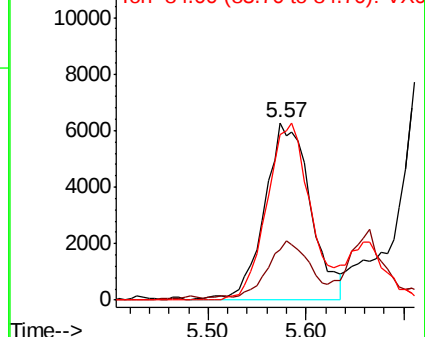


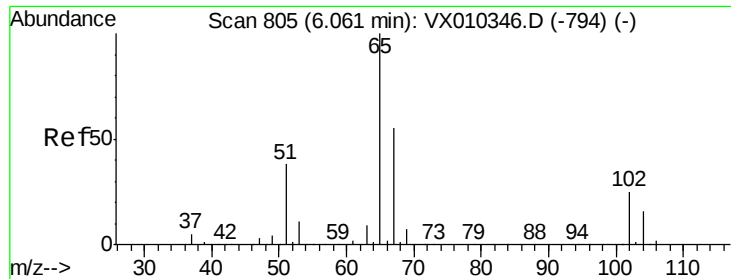
Abundance

Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

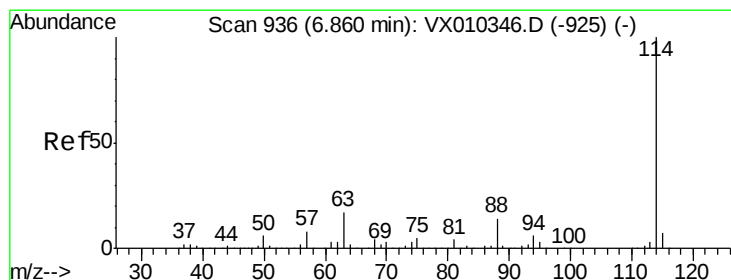
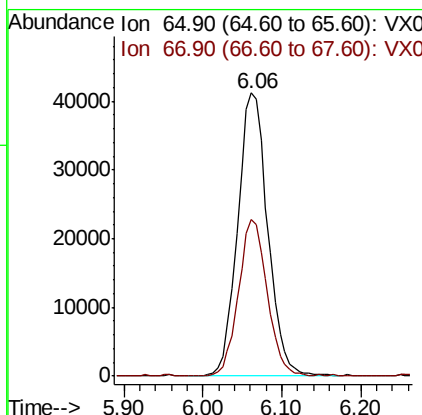
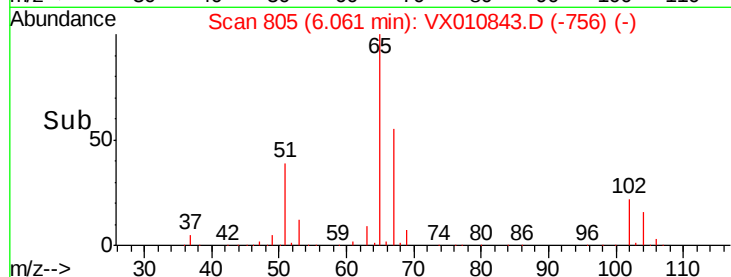
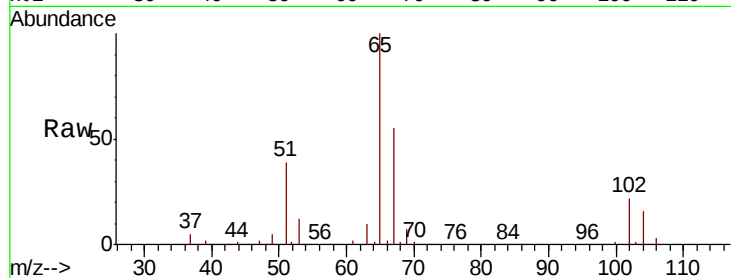




#33
 1,2-Dichloroethane-d4
 Concen: 55.638 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010843.D
 Acq: 12 Jul 2019 18:00

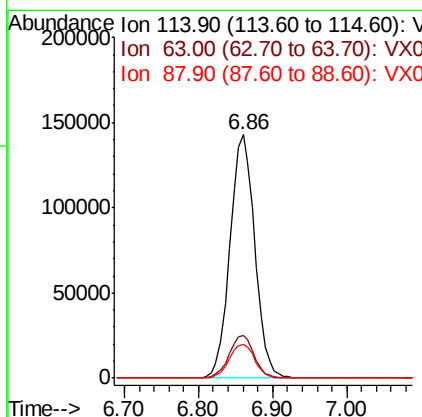
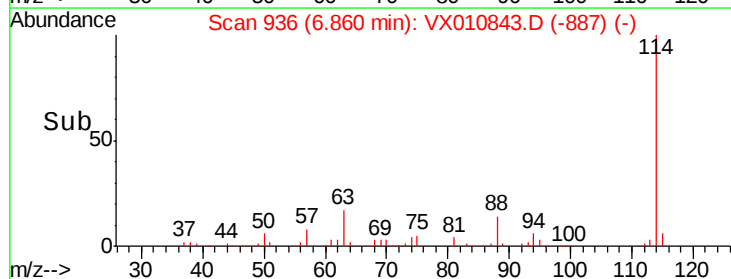
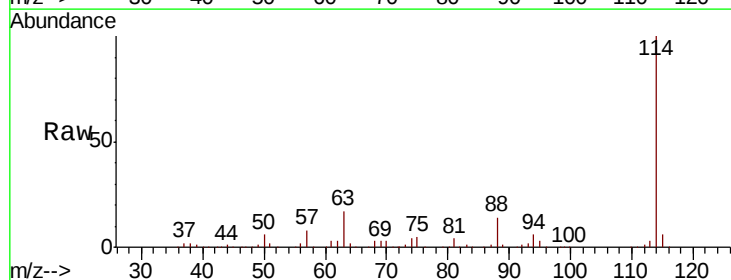
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0587

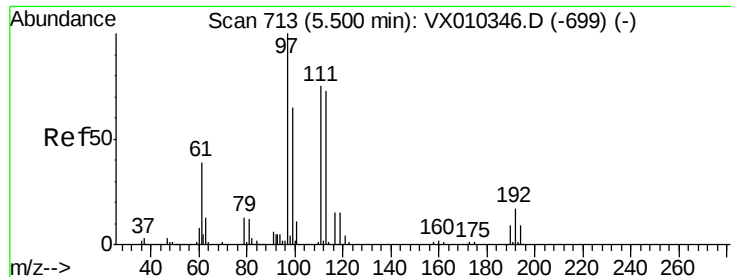
Tot Ion: 65 Resp: 109323
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010843.D
 Acq: 12 Jul 2019 18:00

Tgt Ion: 114 Resp: 333849
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 33.8
 88 13.9 0.0 27.6





#35

Dibromofluoromethane

Concen: 49.334 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010843.D

Acq: 12 Jul 2019 18:00

Instrument :

MSVOA_X

ClientSampleId :

FL-0587

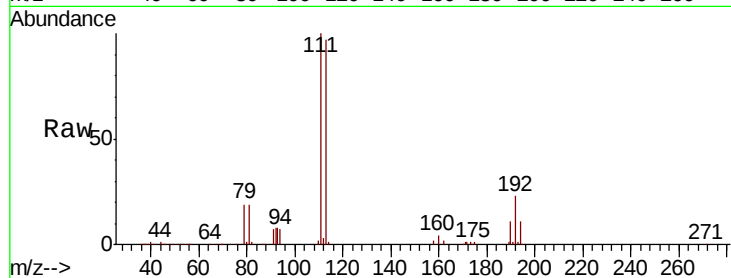
Tot Ion:113 Resp: 100770

Ion Ratio Lower Upper

113 100

111 101.8 81.2 121.8

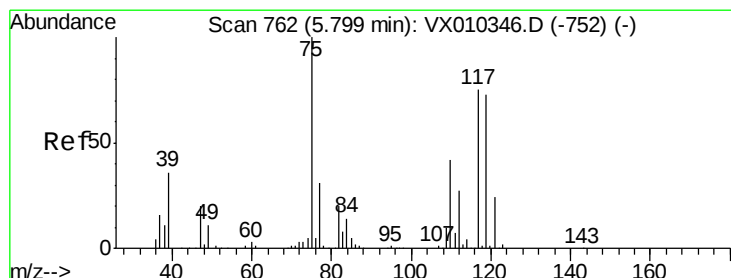
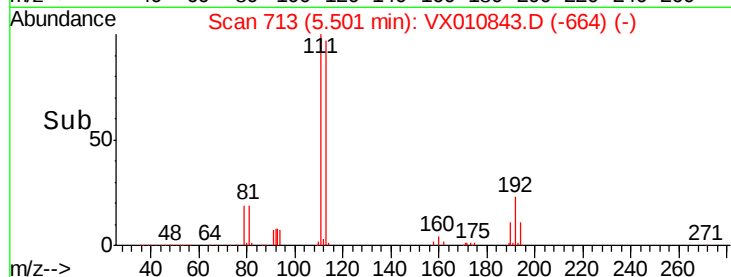
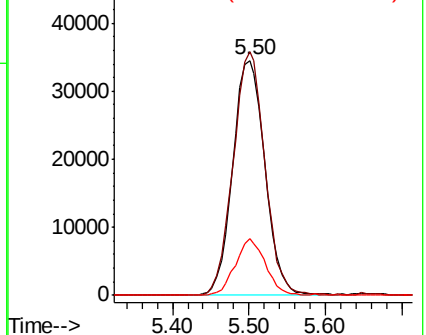
192 22.5 18.6 27.8



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: 5.153 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX010843.D

Acq: 12 Jul 2019 18:00

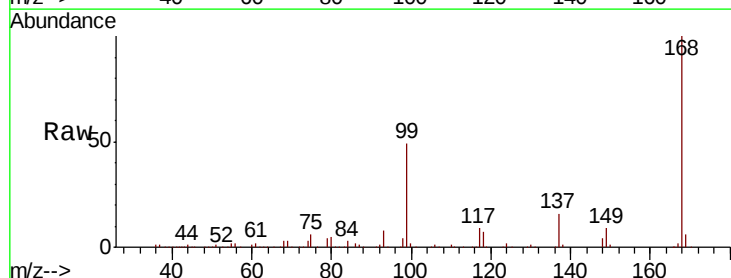
Tgt Ion: 75 Resp: 13670

Ion Ratio Lower Upper

75 100

110 10.7 20.8 62.2#

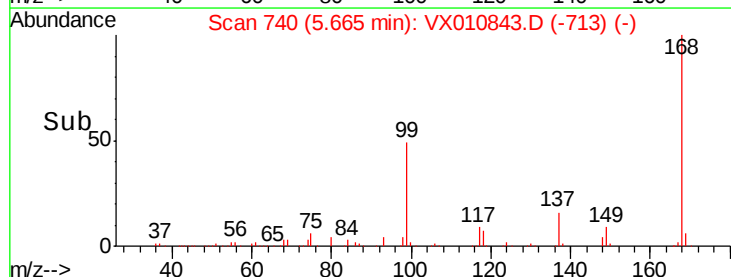
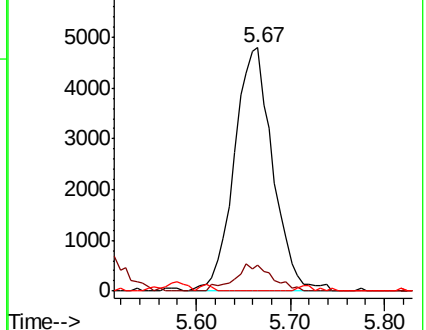
77 0.0 25.4 38.0#

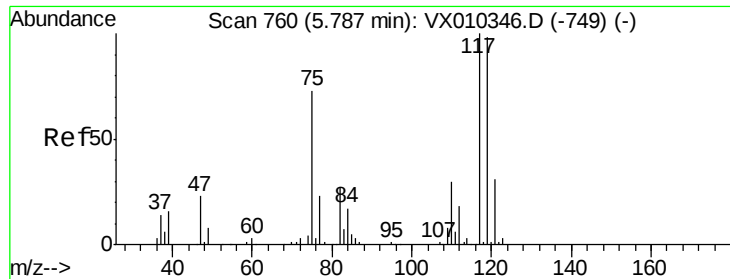


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.862 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.13 min

Lab File: VX010843.D

Acq: 12 Jul 2019 18:00

Instrument :

MSVOA_X

ClientSampleId :

FL-0587

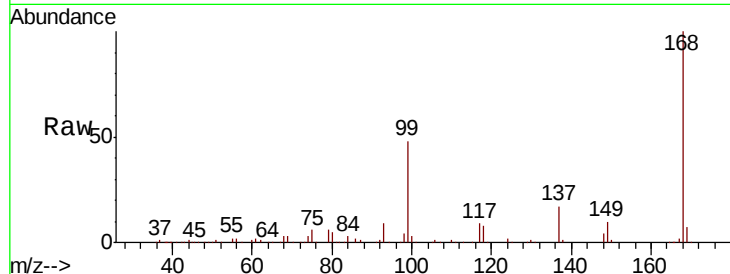
Tot Ion:117 Resp: 19713

Ion Ratio Lower Upper

117 100

119 5.3 78.2 117.4#

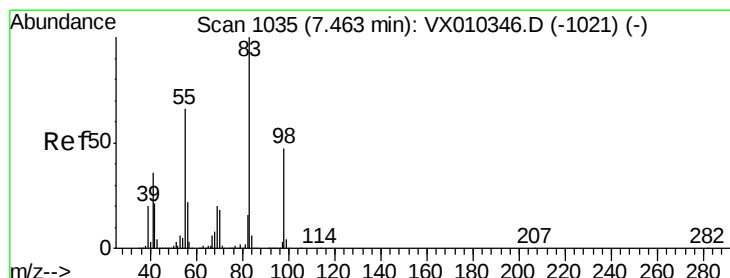
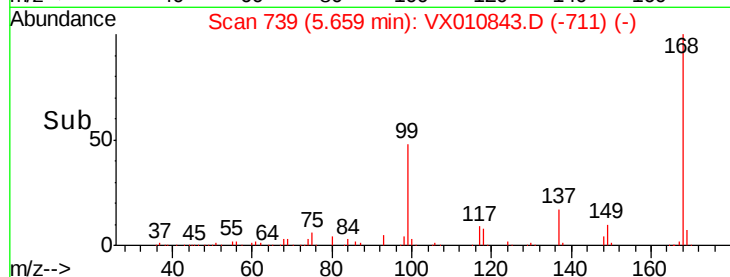
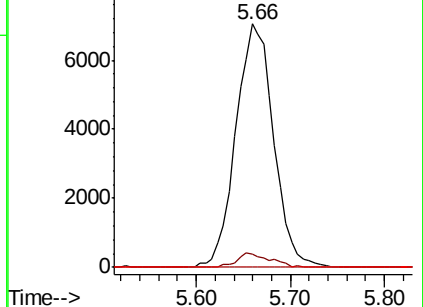
121 0.0 24.7 37.1#



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: 5.852 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX010843.D

Acq: 12 Jul 2019 18:00

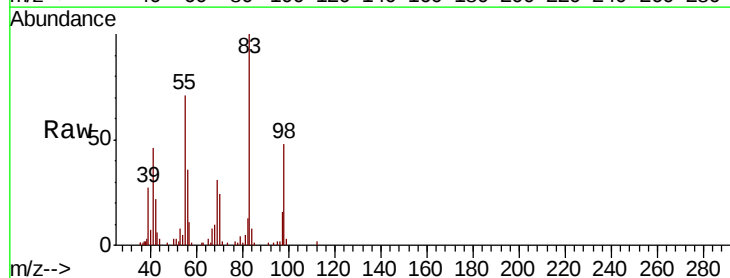
Tgt Ion: 83 Resp: 20408

Ion Ratio Lower Upper

83 100

55 69.5 53.0 79.6

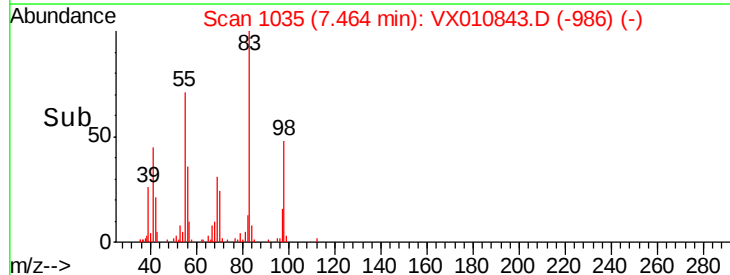
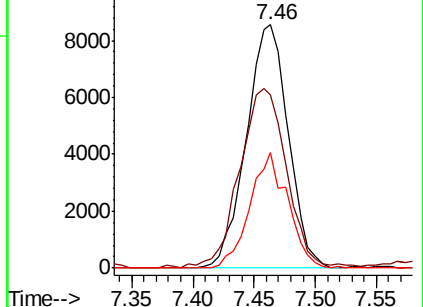
98 47.6 37.8 56.8

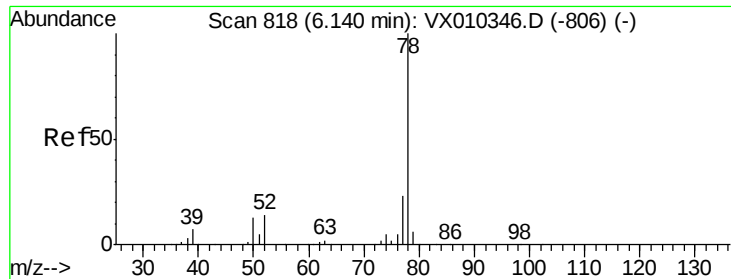


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 1.497 ug/l

RT: 6.15 min Scan# 820

Delta R.T. 0.01 min

Lab File: VX010843.D

Acq: 12 Jul 2019 18:00

Instrument :

MSVOA_X

ClientSampleId :

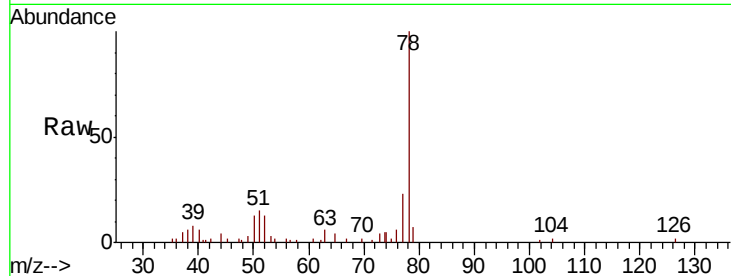
FL-0587

Tot Ion: 78 Resp: 12377

Ion Ratio Lower Upper

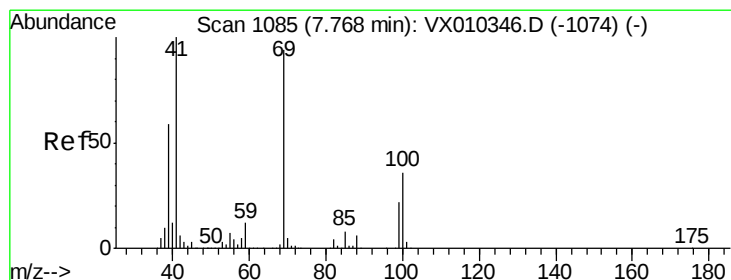
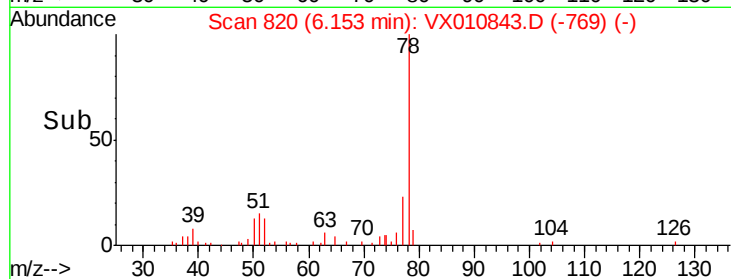
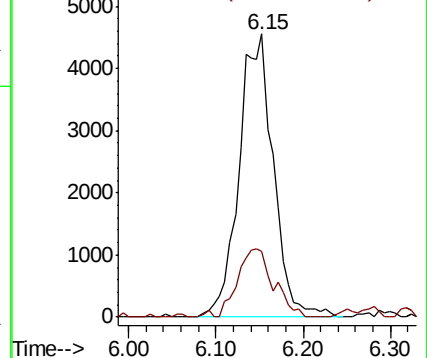
78 100

77 23.1 18.6 28.0



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#48

Methyl methacrylate

Concen: 0.455 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.03 min

Lab File: VX010843.D

Acq: 12 Jul 2019 18:00

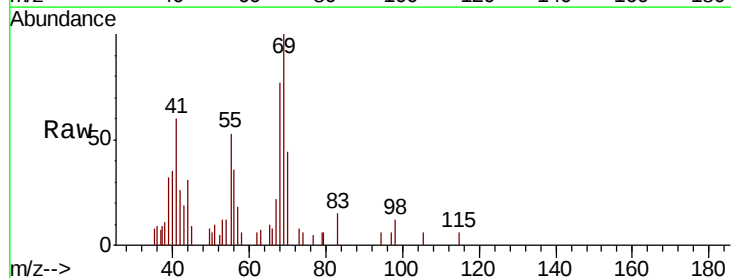
Tgt Ion: 41 Resp: 956

Ion Ratio Lower Upper

41 100

69 192.5 76.1 114.1#

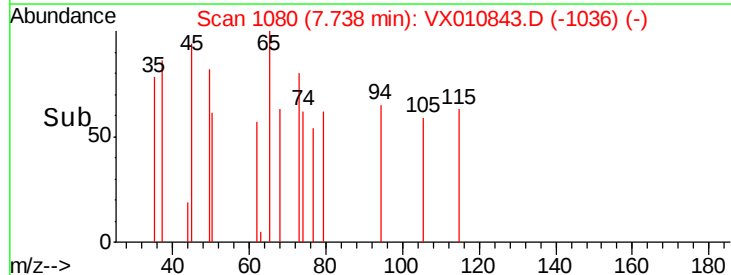
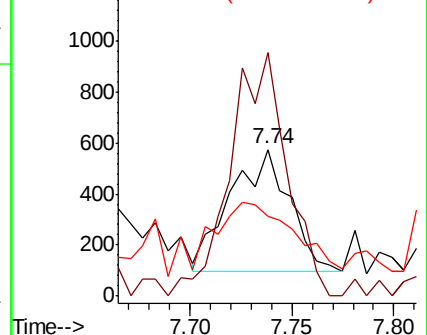
39 83.3 47.6 71.4#

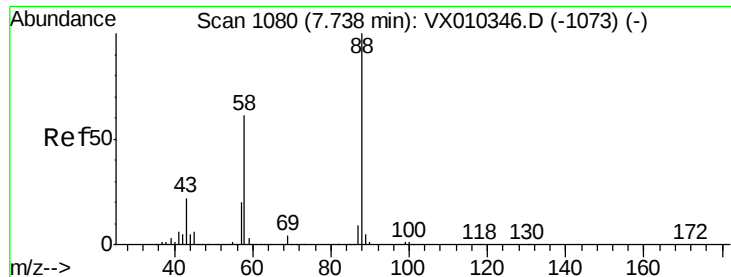


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 0.347 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. 0.02 min

Lab File: VX010843.D

Acq: 12 Jul 2019 18:00

Instrument :

MSVOA_X

ClientSampleId :

FL-0587

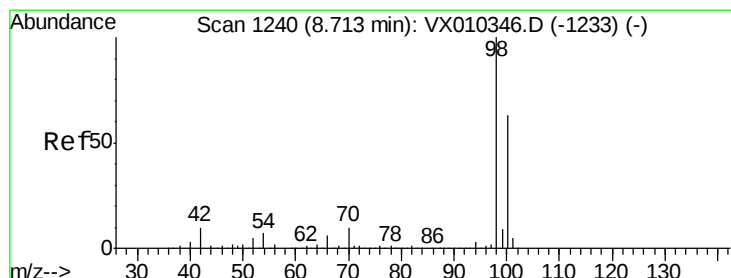
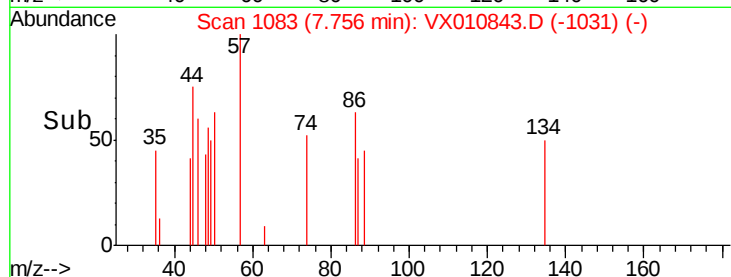
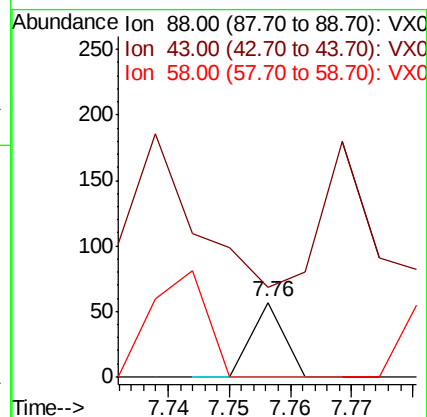
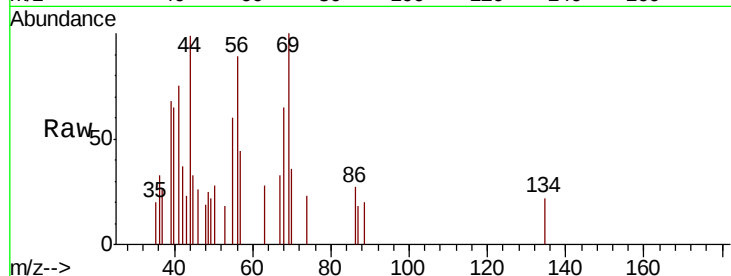
Tot Ion: 88 Resp: 21

Ion Ratio Lower Upper

88 100

43 1009.5 20.2 30.2#

58 0.0 49.5 74.3#



#50

Toluene-d8

Concen: 50.620 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010843.D

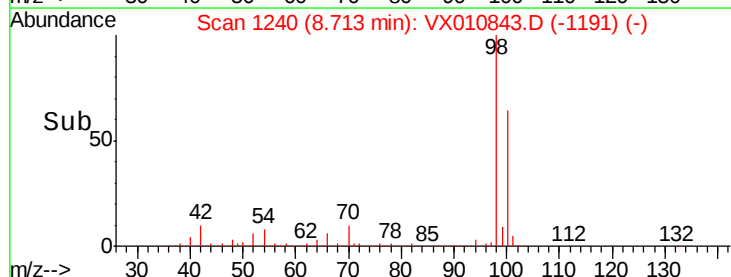
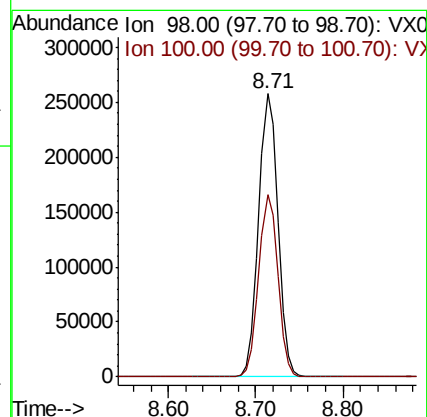
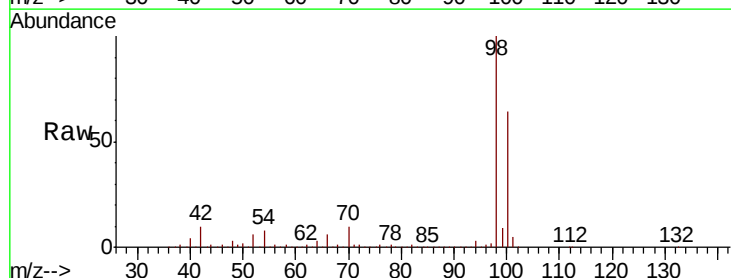
Acq: 12 Jul 2019 18:00

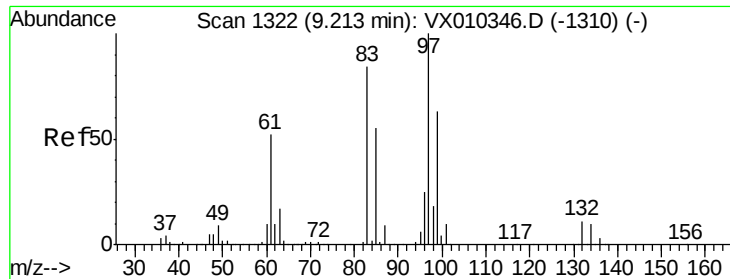
Tgt Ion: 98 Resp: 395577

Ion Ratio Lower Upper

98 100

100 64.1 51.6 77.4

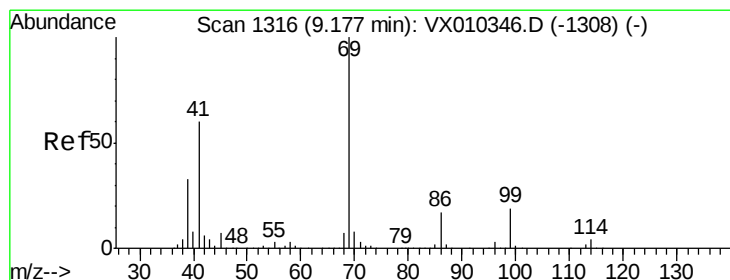
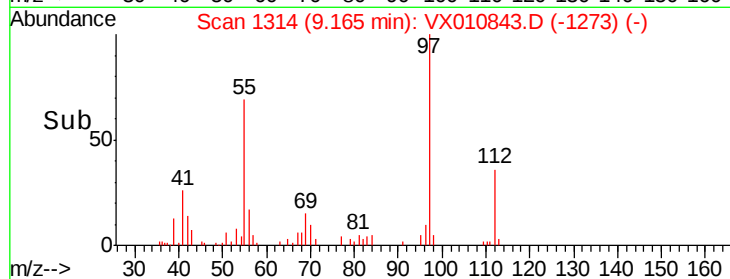
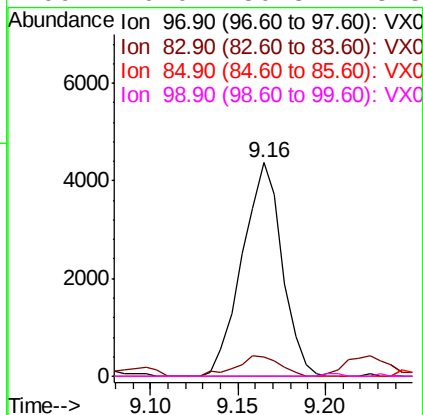
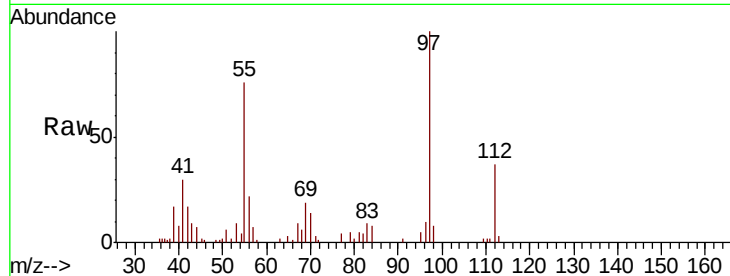




#55
 1,1,2-Trichloroethane
 Concen: 3.096 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.05 min
 Lab File: VX010843.D
 Acq: 12 Jul 2019 18:00

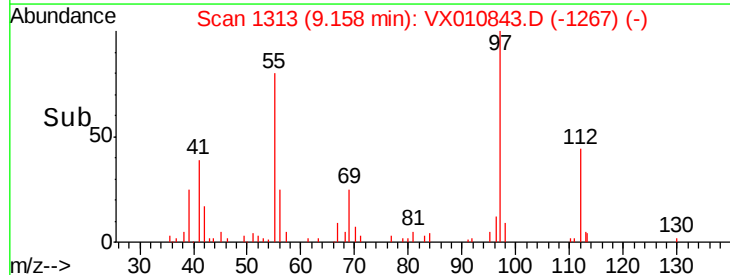
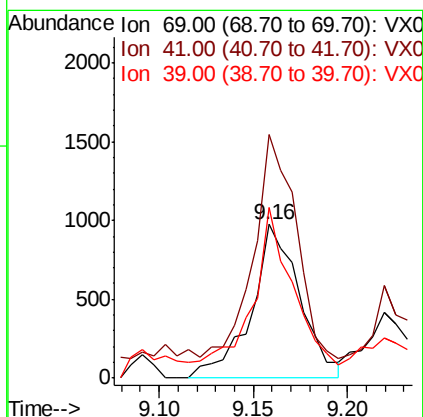
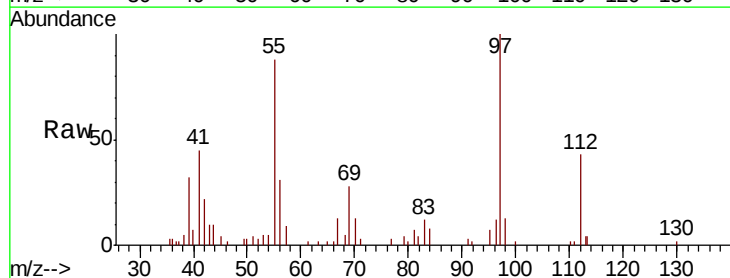
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0587

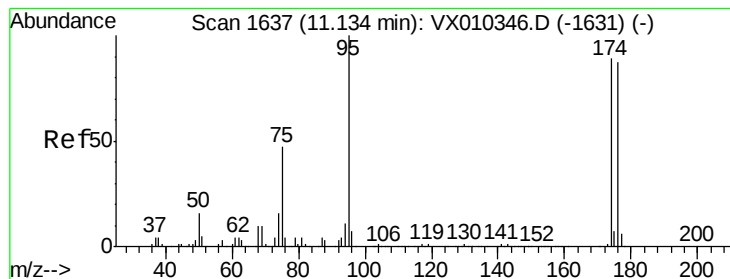
Tot Ion: 97 Resp: 6950
 Ion Ratio Lower Upper
 97 100
 83 8.8 67.4 101.0#
 85 0.0 43.8 65.8#
 99 0.0 50.3 75.5#



#56
 Ethyl methacrylate
 Concen: 0.515 ug/l
 RT: 9.16 min Scan# 1313
 Delta R.T. -0.02 min
 Lab File: VX010843.D
 Acq: 12 Jul 2019 18:00

Tgt Ion: 69 Resp: 1752
 Ion Ratio Lower Upper
 69 100
 41 124.3 47.1 70.7#
 39 78.8 26.6 40.0#





#62

4-Bromofluorobenzene

Concen: 49.353 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010843.D

Acq: 12 Jul 2019 18:00

Instrument :

MSVOA_X

ClientSampled :

FL-0587

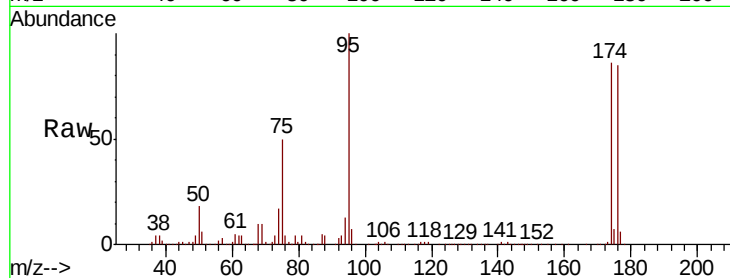
Tot Ion: 95 Resp: 139239

Ion Ratio Lower Upper

95 100

174 92.0 0.0 187.6

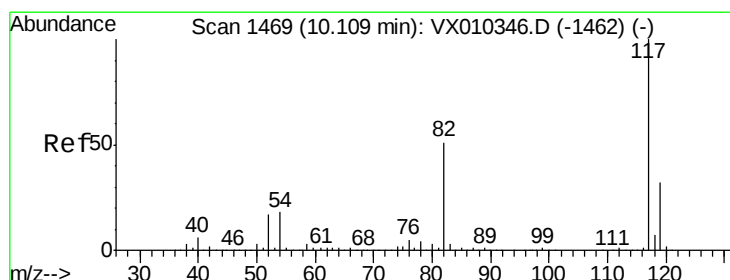
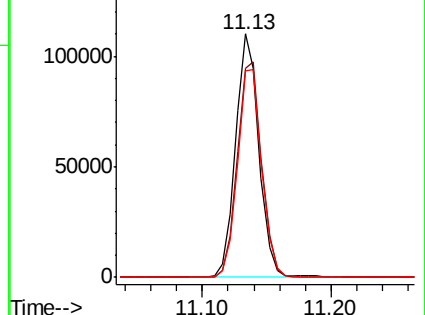
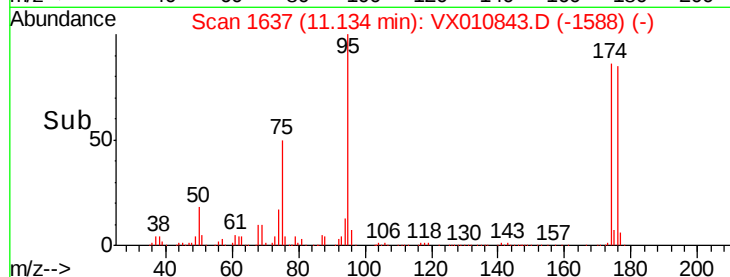
176 88.5 0.0 184.0



Abundance Ion 94.90 (94.60 to 95.60): VX010843.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX010843.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX010843.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010843.D

Acq: 12 Jul 2019 18:00

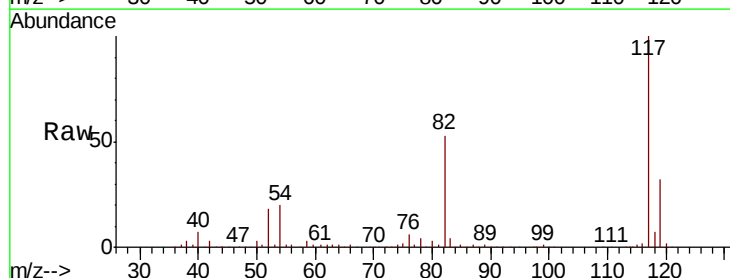
Tgt Ion: 117 Resp: 304837

Ion Ratio Lower Upper

117 100

82 53.2 41.2 61.8

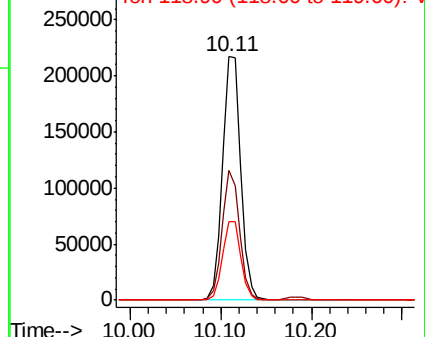
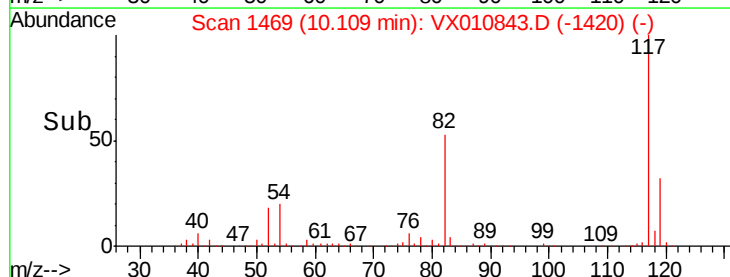
119 32.4 25.5 38.3

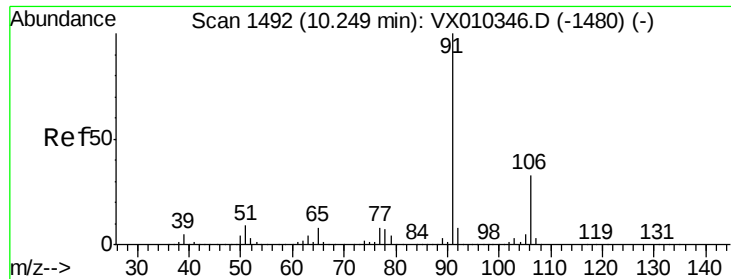


Abundance Ion 116.90 (116.60 to 117.60): VX010843.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX010843.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX010843.D (-1420) (-)





#67

Ethyl Benzene

Concen: 30.615 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX010843.D

Acq: 12 Jul 2019 18:00

Instrument :

MSVOA_X

ClientSampleId :

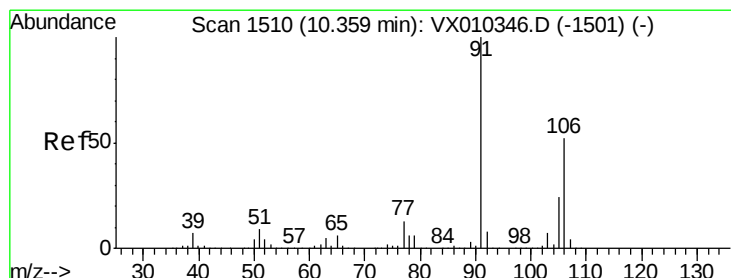
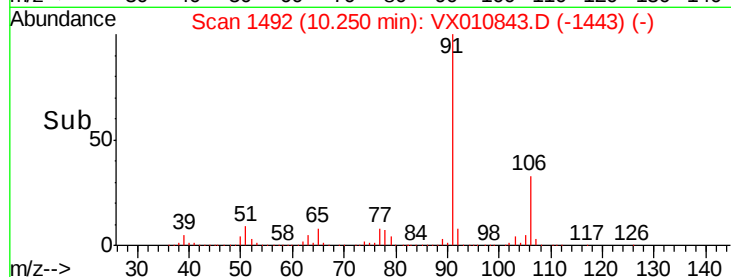
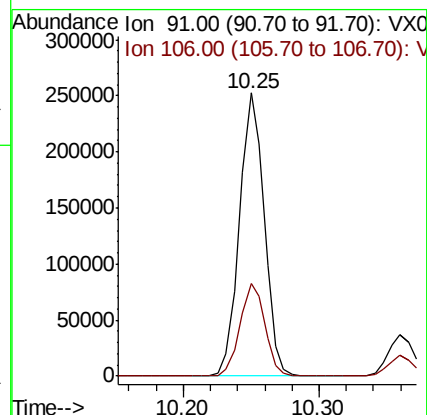
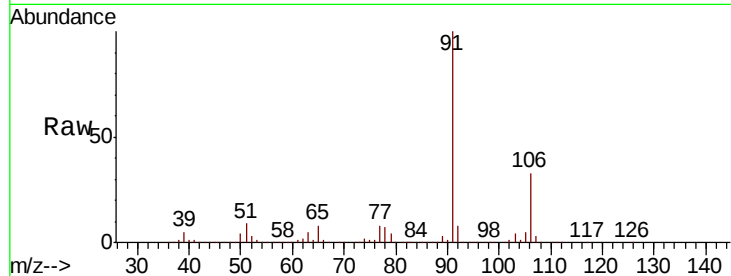
FL-0587

Tot Ion: 91 Resp: 319864

Ion Ratio Lower Upper

91 100

106 32.8 26.2 39.2



#68

m/p-Xylenes

Concen: 5.859 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX010843.D

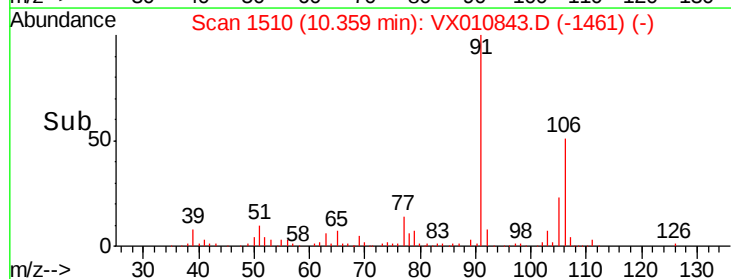
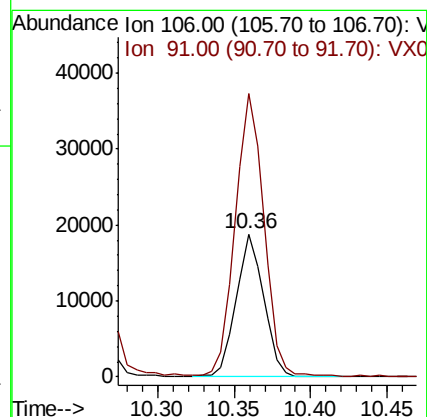
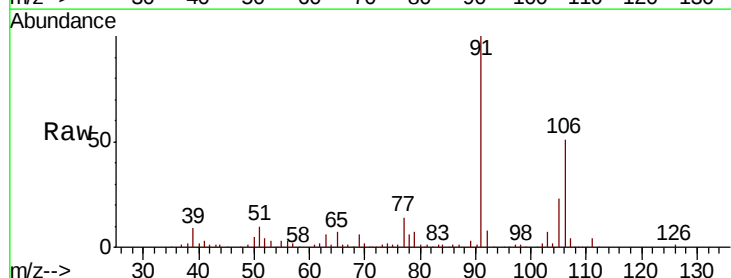
Acq: 12 Jul 2019 18:00

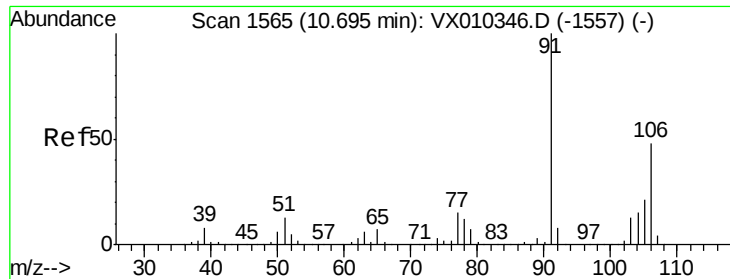
Tgt Ion: 106 Resp: 23721

Ion Ratio Lower Upper

106 100

91 203.5 155.3 232.9

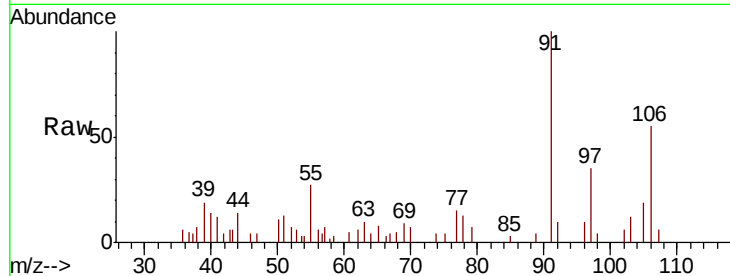




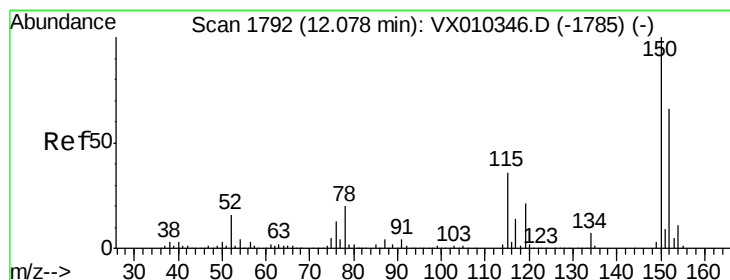
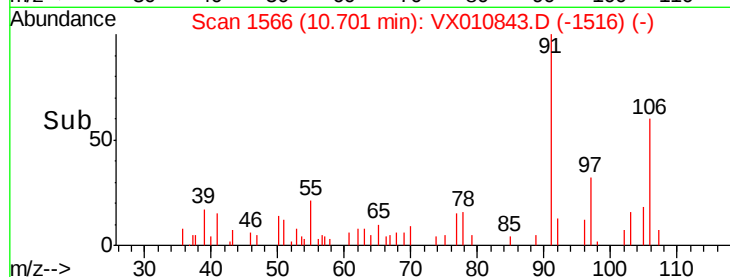
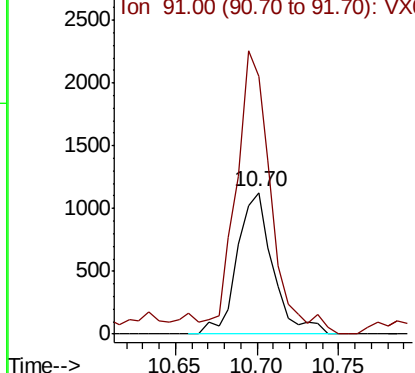
#69
o-Xylene
Concen: 0.429 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX010843.D
Acq: 12 Jul 2019 18:00

Instrument :
MSVOA_X
ClientSampled :
FL-0587

Tot Ion:106 Resp: 1706
Ion Ratio Lower Upper
106 100
91 197.5 102.7 308.1

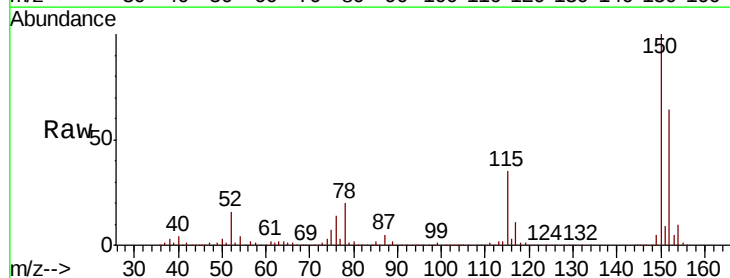


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

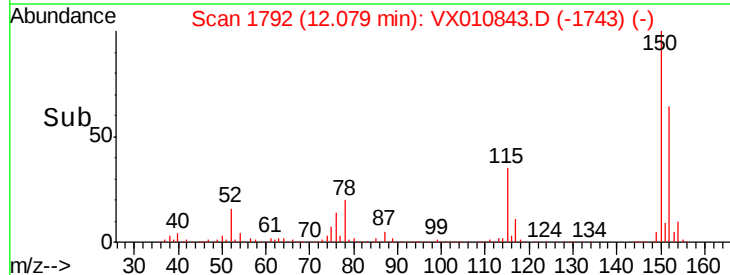
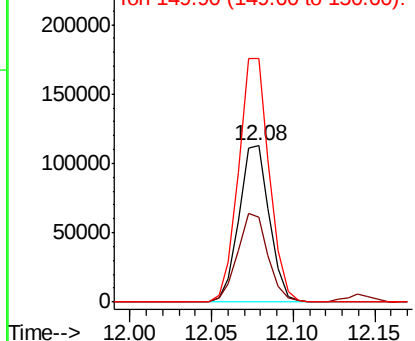


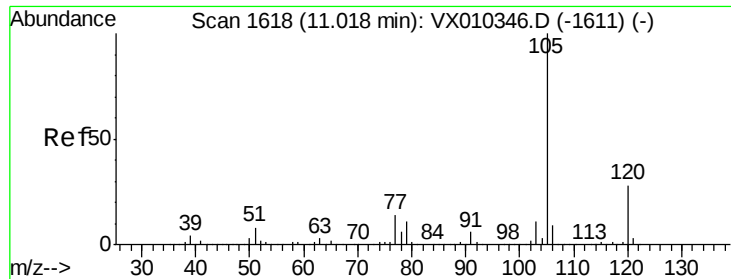
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010843.D
Acq: 12 Jul 2019 18:00

Tgt Ion:152 Resp: 146437
Ion Ratio Lower Upper
152 100
115 56.2 38.6 115.7
150 156.9 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: 11.635 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010843.D

Acq: 12 Jul 2019 18:00

Instrument :

MSVOA_X

ClientSampled :

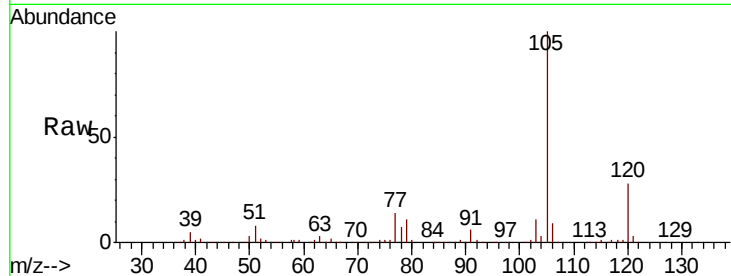
FL-0587

Tot Ion:105 Resp: 115497

Ion Ratio Lower Upper

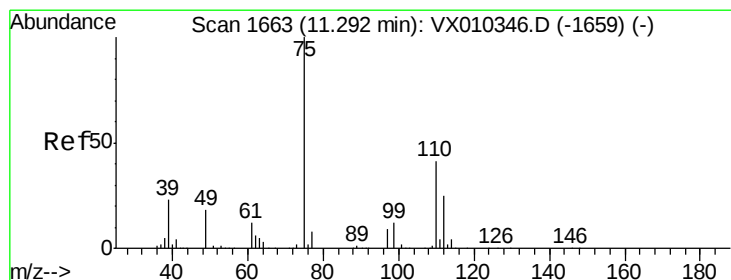
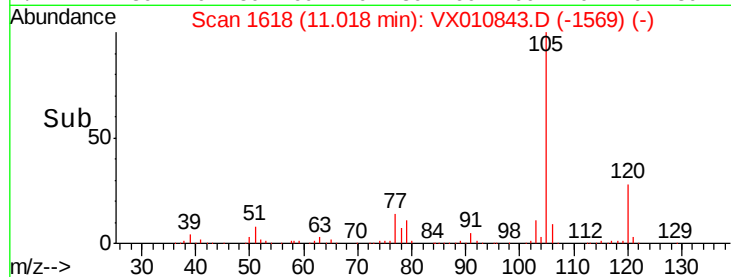
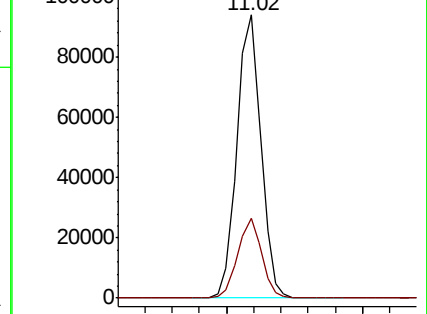
105 100

120 28.0 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 25.625 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010843.D

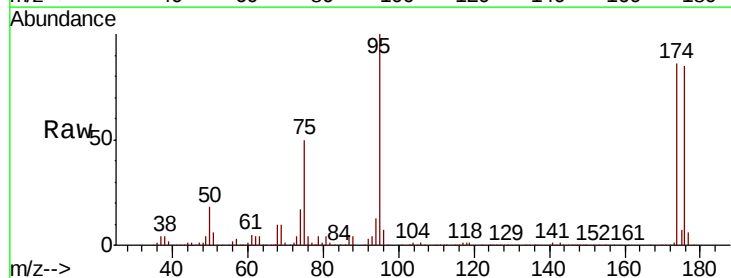
Acq: 12 Jul 2019 18:00

Tgt Ion: 75 Resp: 68379

Ion Ratio Lower Upper

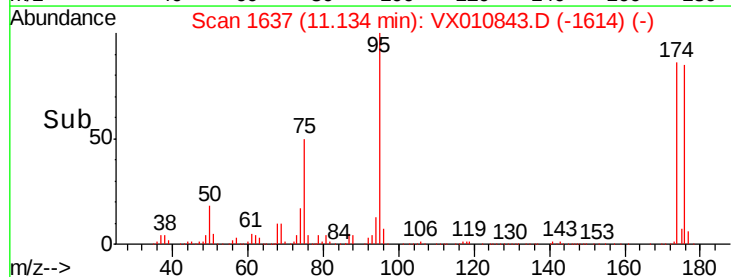
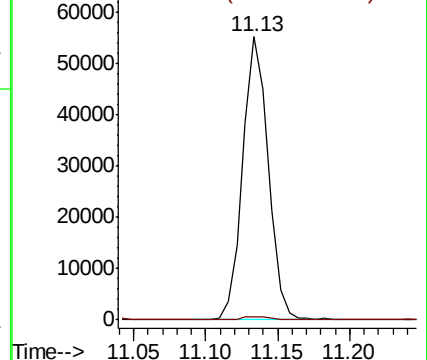
75 100

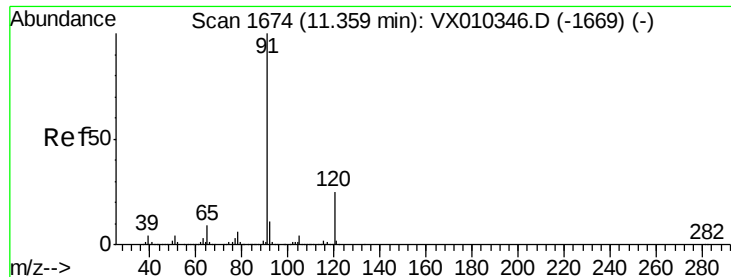
77 1.7 22.6 67.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 14.626 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010843.D

Acq: 12 Jul 2019 18:00

Instrument :

MSVOA_X

ClientSampled :

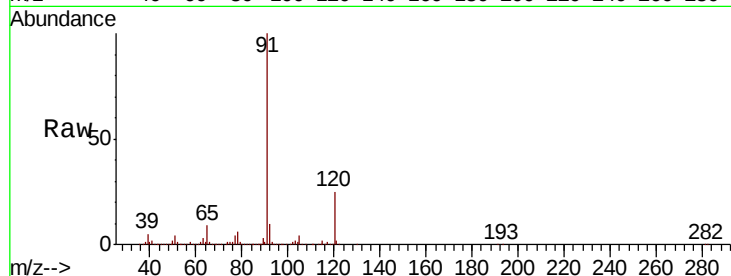
FL-0587

Tot Ion: 91 Resp: 159572

Ion Ratio Lower Upper

91 100

120 24.7 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

150000

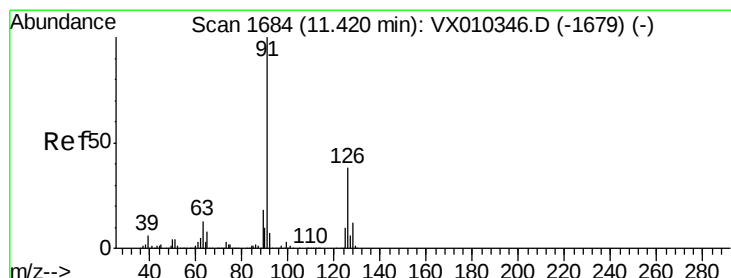
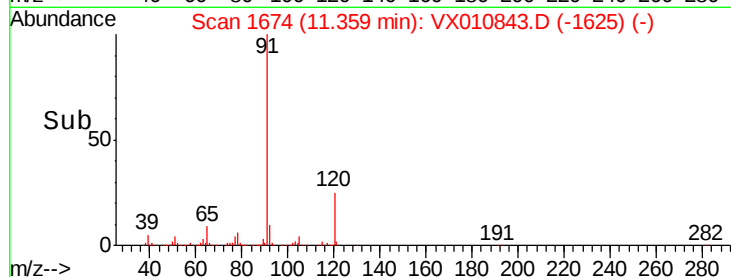
110000

50000

0

11.30 11.35 11.40

Time-->



#79

2-Chlorotoluene

Concen: 24.563 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.06 min

Lab File: VX010843.D

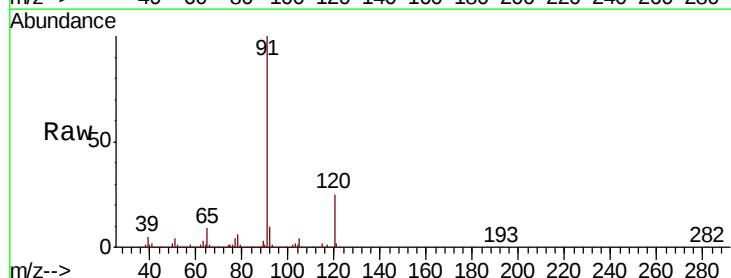
Acq: 12 Jul 2019 18:00

Tgt Ion: 91 Resp: 159572

Ion Ratio Lower Upper

91 100

126 0.0 18.7 56.1#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

150000

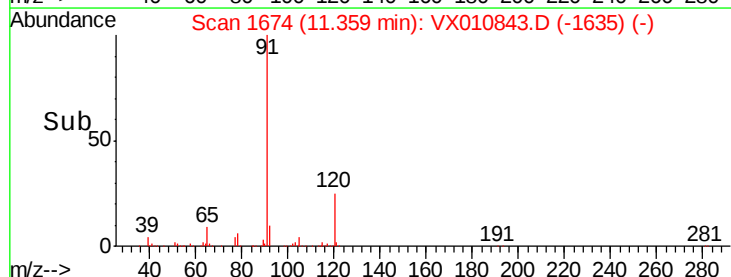
100000

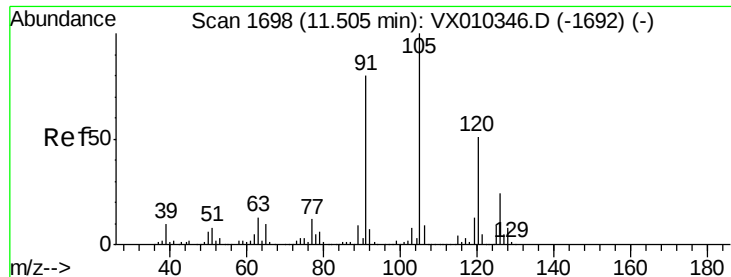
50000

0

11.30 11.35 11.40

Time-->

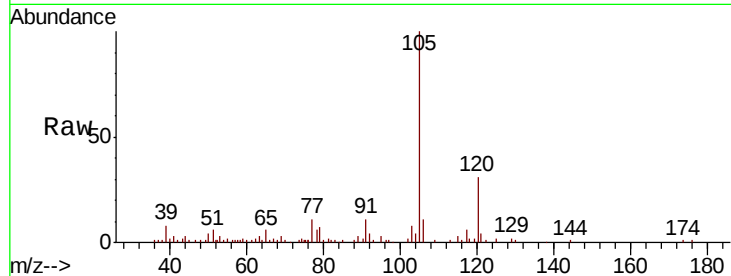




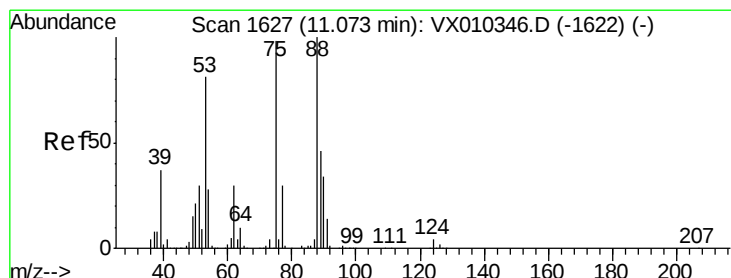
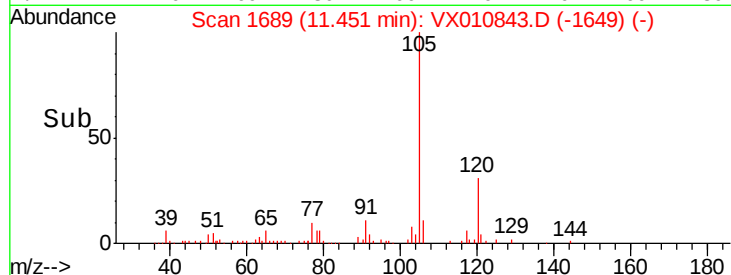
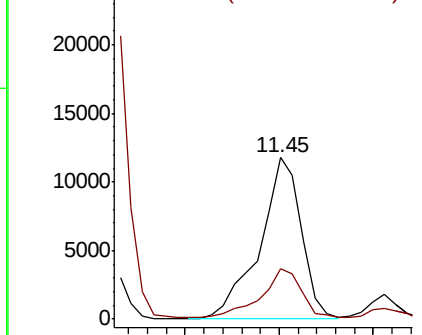
#80
 1,3,5-Trimethylbenzene
 Concen: 2.208 ug/l
 RT: 11.45 min Scan# 1689
 Delta R.T. -0.05 min
 Lab File: VX010843.D
 Acq: 12 Jul 2019 18:00

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0587

Tot Ion:105 Resp: 18067
 Ion Ratio Lower Upper
 105 100
 120 29.0 25.2 75.6

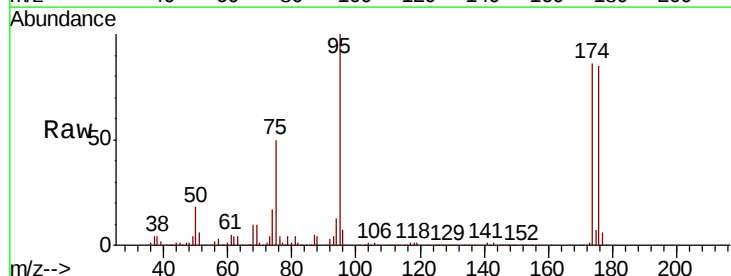


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

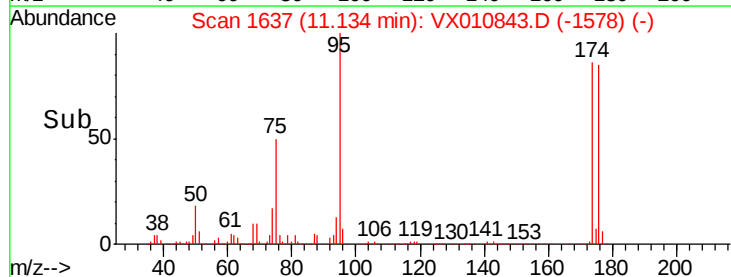
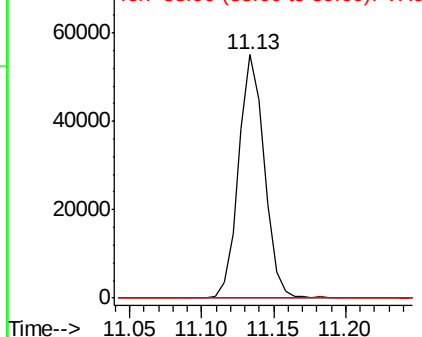


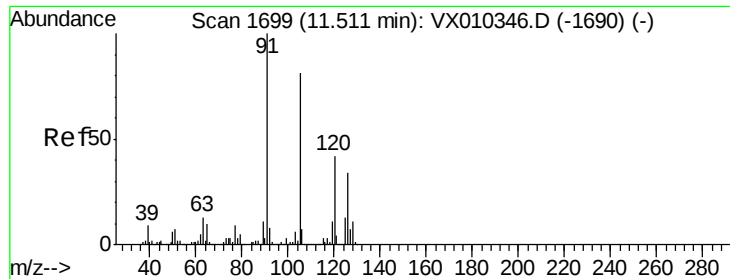
#81
 trans-1,4-Dichloro-2-butene
 Concen: 59.780 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX010843.D
 Acq: 12 Jul 2019 18:00

Tgt Ion: 75 Resp: 68379
 Ion Ratio Lower Upper
 75 100
 53 0.3 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: 21.586 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.15 min

Lab File: VX010843.D

Acq: 12 Jul 2019 18:00

Instrument :

MSVOA_X

ClientSampleId :

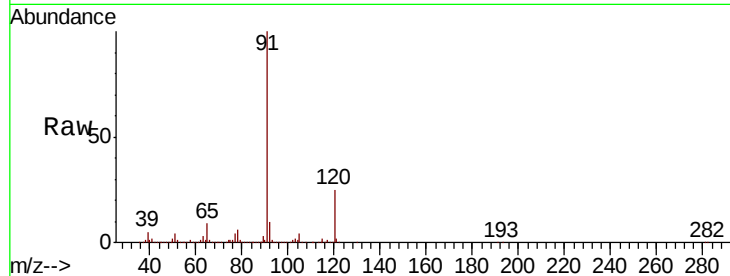
FL-0587

Tot Ion: 91 Resp: 159572

Ion Ratio Lower Upper

91 100

126 0.0 16.2 48.6#



Abundance Ion 91.00 (90.70 to 91.70): VX010843.D (-1690) (-)

Ion 125.90 (125.60 to 126.60): VX010843.D (-1690) (-)

11.36

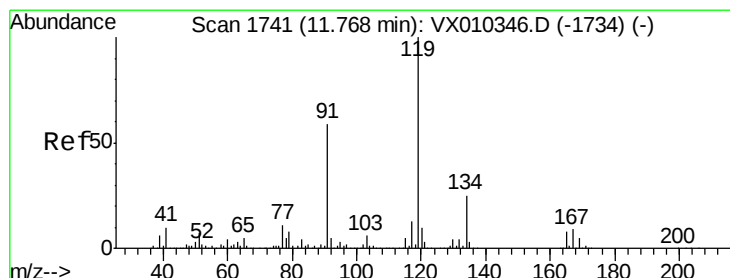
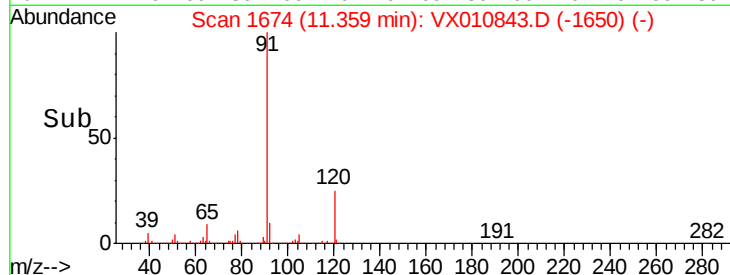
150000

100000

50000

0

Time-->



#83

tert-Butylbenzene

Concen: 0.269 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX010843.D

Acq: 12 Jul 2019 18:00

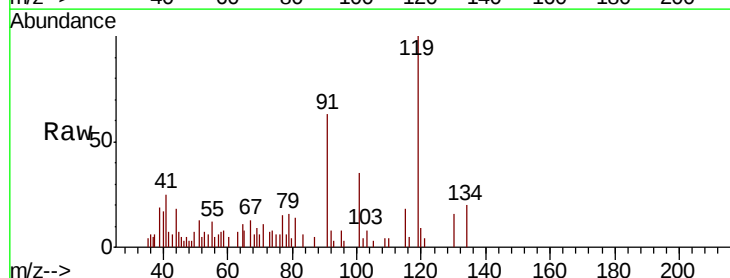
Tgt Ion: 119 Resp: 2210

Ion Ratio Lower Upper

119 100

91 68.8 27.6 82.7

134 25.3 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): VX010843.D (-1692) (-)

Ion 91.00 (90.70 to 91.70): VX010843.D (-1692) (-)

Ion 134.00 (133.70 to 134.70): VX010843.D (-1692) (-)

4000

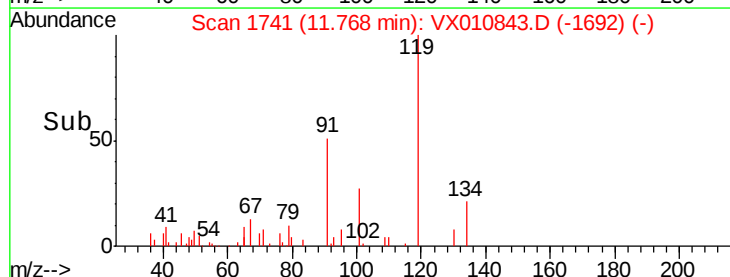
3000

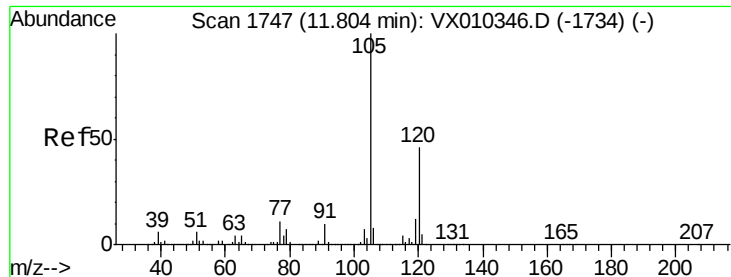
2000

1000

0

Time-->





#84

1,2,4-Trimethylbenzene

Concen: 3.740 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010843.D

Acq: 12 Jul 2019 18:00

Instrument :

MSVOA_X

ClientSampleId :

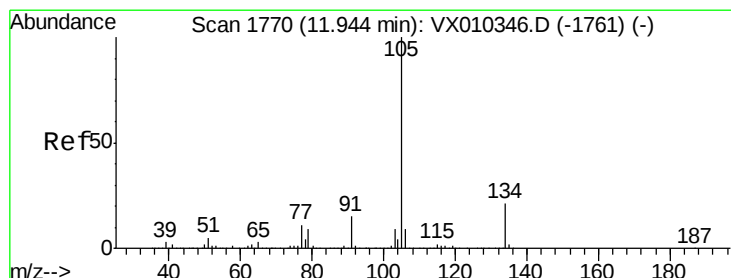
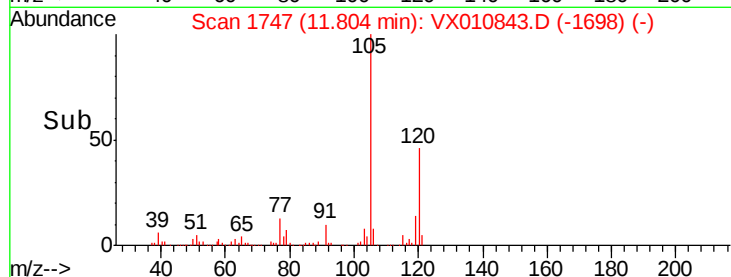
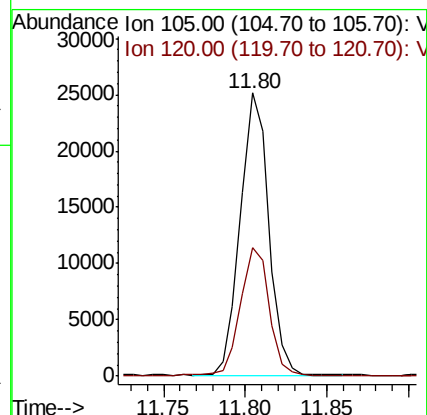
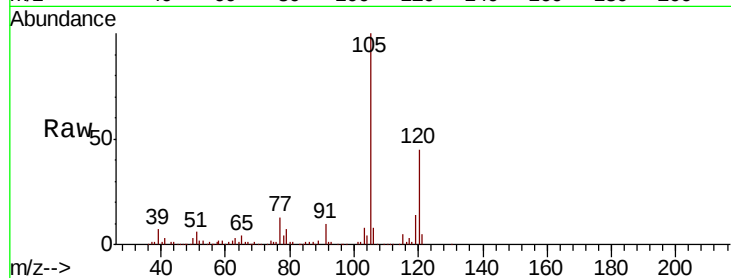
FL-0587

Tot Ion:105 Resp: 30750

Ion Ratio Lower Upper

105 100

120 46.6 23.1 69.2



#85

sec-Butylbenzene

Concen: 3.828 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010843.D

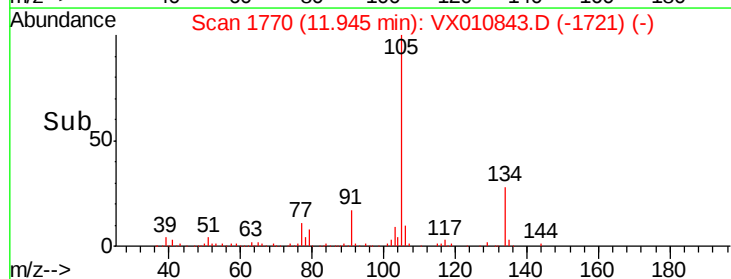
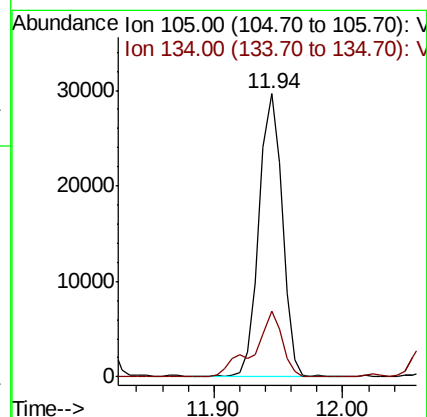
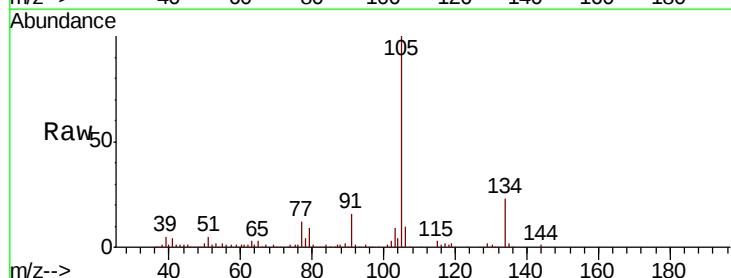
Acq: 12 Jul 2019 18:00

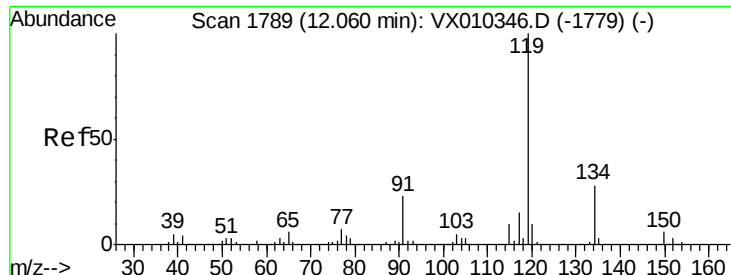
Tgt Ion:105 Resp: 36914

Ion Ratio Lower Upper

105 100

134 28.2 10.7 31.9

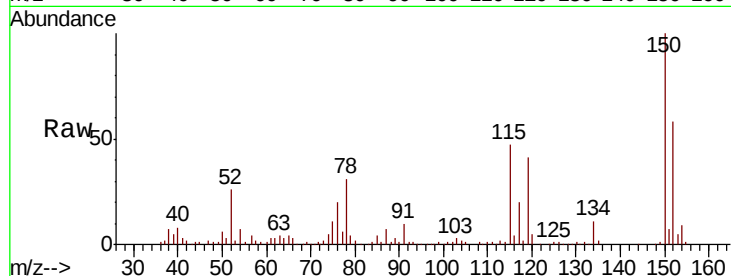




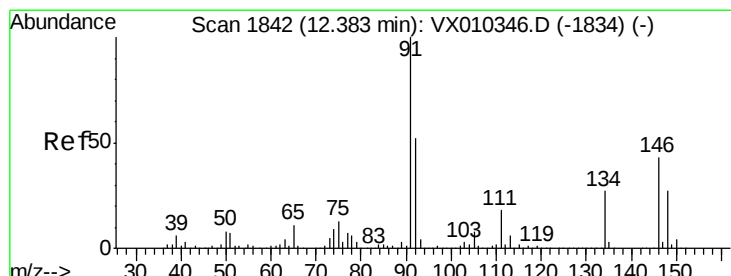
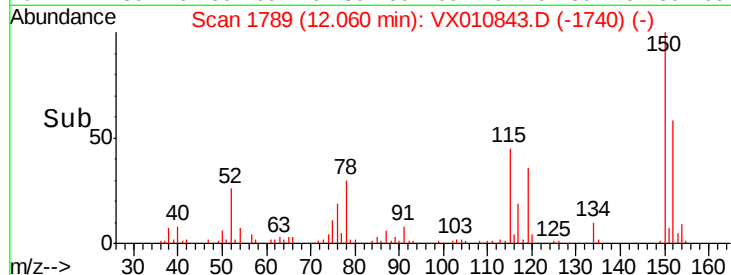
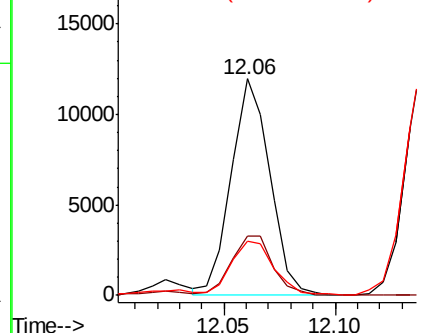
#86
p-Isopropyltoluene
Concen: 1.627 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX010843.D
Acq: 12 Jul 2019 18:00

Instrument :
MSVOA_X
ClientSampleId :
FL-0587

Tot Ion:119 Resp: 14509
Ion Ratio Lower Upper
119 100
134 29.1 13.7 41.1
91 31.1 11.3 33.8

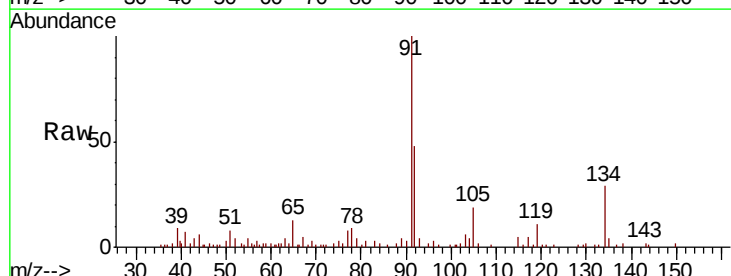


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

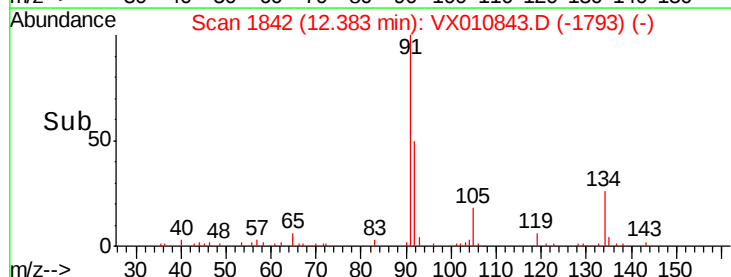
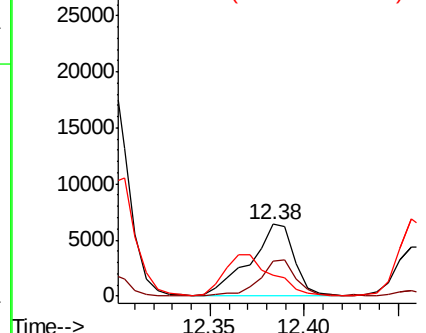


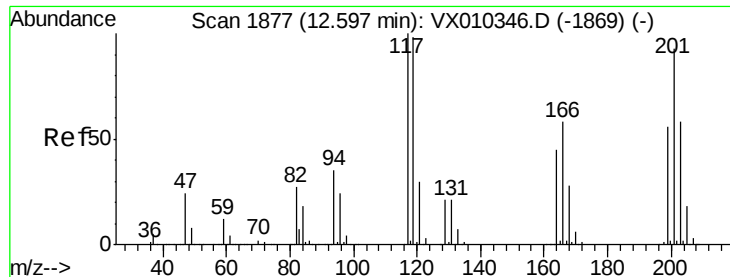
#89
n-Butylbenzene
Concen: 1.354 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010843.D
Acq: 12 Jul 2019 18:00

Tgt Ion: 91 Resp: 10261
Ion Ratio Lower Upper
91 100
92 43.1 26.2 78.5
134 63.8 14.1 42.4#



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 13.717 ug/l

RT: 12.70 min Scan# 1894

Delta R.T. 0.10 min

Lab File: VX010843.D

Acq: 12 Jul 2019 18:00

Instrument :

MSVOA_X

ClientSampleId :

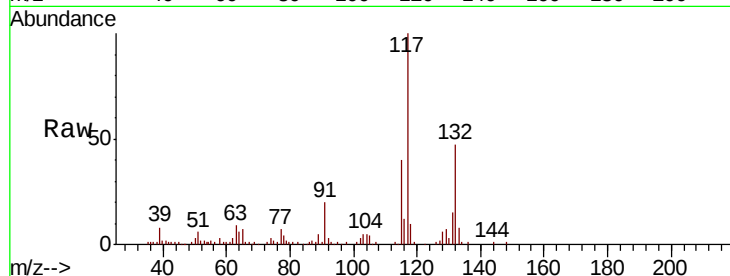
FL-0587

Tot Ion:117 Resp: 21158

Ion Ratio Lower Upper

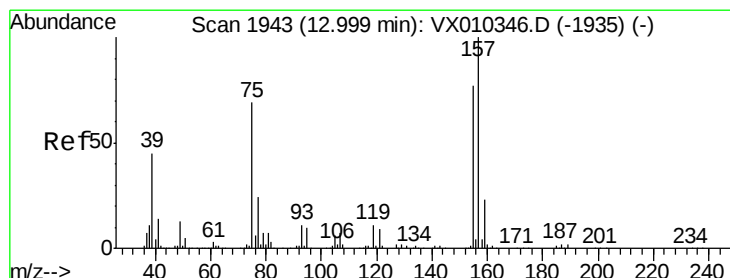
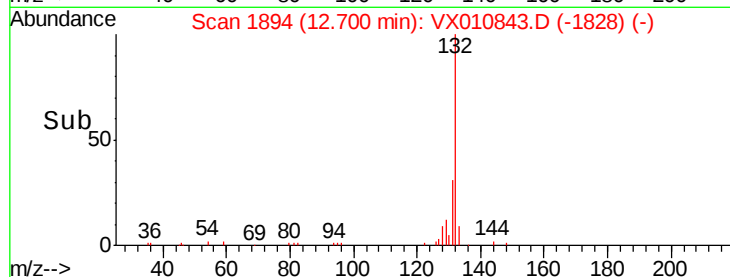
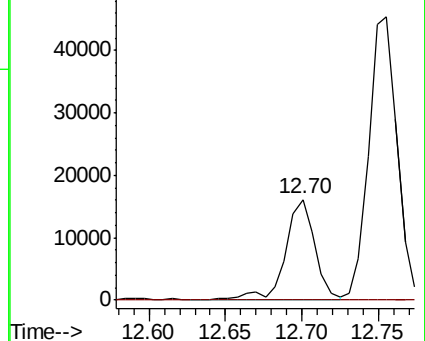
117 100

201 0.0 44.0 131.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.628 ug/l

RT: 13.01 min Scan# 1945

Delta R.T. 0.01 min

Lab File: VX010843.D

Acq: 12 Jul 2019 18:00

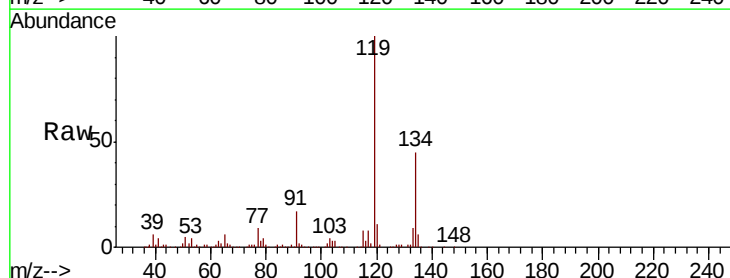
Tgt Ion: 75 Resp: 445

Ion Ratio Lower Upper

75 100

155 0.0 54.4 163.1#

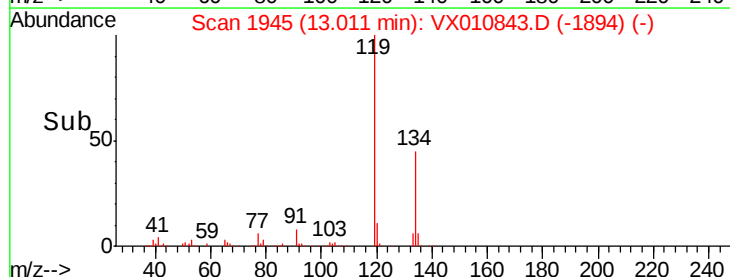
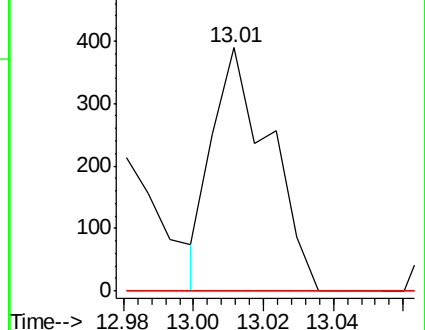
157 0.0 69.5 208.3#

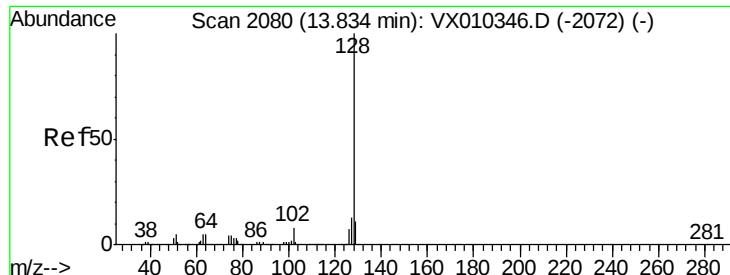


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

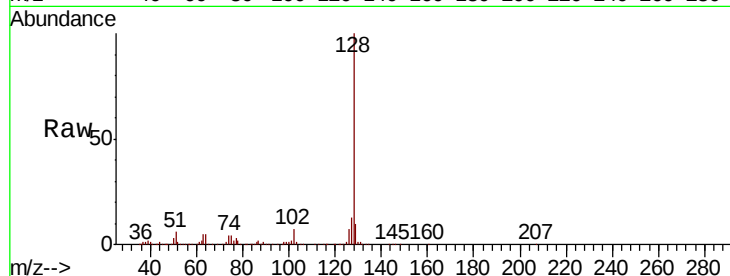




#95
Naphthalene
Concen: 7.024 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010843.D
Acq: 12 Jul 2019 18:00

Instrument :
MSVOA_X
ClientSampleId :
FL-0587

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.2	15.4
129	11.8	8.9	13.3



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

