

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071519\
 Data File : VX010891.D
 Acq On : 15 Jul 2019 17:47
 Operator : JC/SP
 Sample : K3786-07DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0597DL

Quant Time: Jul 16 02:01:24 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	229302	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	358393	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	334788	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	162635	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	119061	55.38	ug/l	0.00
Spiked Amount			Recovery	=	110.76%	
35) Dibromofluoromethane	5.50	113	110801	50.53	ug/l	0.00
Spiked Amount			Recovery	=	101.06%	
50) Toluene-d8	8.71	98	432993	51.61	ug/l	0.00
Spiked Amount			Recovery	=	103.22%	
62) 4-Bromofluorobenzene	11.13	95	153422	50.66	ug/l	0.00
Spiked Amount			Recovery	=	101.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	468	0.472	ug/l #	48
6) Chloroethane	1.71	64	1180	0.984	ug/l #	57
11) Tert butyl alcohol	3.03	59	1228	2.183	ug/l #	74
14) Allyl chloride	2.84	41	95578	33.872	ug/l #	65
15) Acrylonitrile	3.17	53	1393	1.251	ug/l #	45
16) Acetone	2.45	43	2200	2.042	ug/l #	88
18) Methyl Acetate	2.84	43	232016	108.041	ug/l #	48
20) Methylene Chloride	2.87	84	1118	0.504	ug/l #	1
31) Cyclohexane	5.58	56	28055	9.034	ug/l	96
36) 1,1-Dichloropropene	5.67	75	15201	5.337	ug/l #	48
38) Carbon Tetrachloride	5.67	117	20573	6.671	ug/l #	15
39) Methylcyclohexane	7.46	83	39519	10.556	ug/l	100
41) Methacrylonitrile	5.01	41	323	0.201	ug/l #	38
48) Methyl methacrylate	7.74	41	1988	0.882	ug/l #	41
49) 1,4-Dioxane	7.80	88	19	0.293	ug/l #	1
55) 1,1,2-Trichloroethane	9.16	97	1659	0.688	ug/l #	22
67) Ethyl Benzene	10.25	91	100207	8.733	ug/l	97
68) m/p-Xylenes	10.35	106	223433	50.254	ug/l	100
69) o-Xylene	10.69	106	62171	14.219	ug/l	100
70) Styrene	10.69	104	3122	0.426	ug/l #	1
73) Isopropylbenzene	11.02	105	31635	2.869	ug/l	96
76) 1,2,3-Trichloropropane	11.43	75	2458	0.829	ug/l #	1
78) n-propylbenzene	11.36	91	37557	3.100	ug/l	100
79) 2-Chlorotoluene	11.43	91	33547	4.650	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.51	105	107850	11.867	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.13	75	78055	61.443	ug/l #	16
82) 4-Chlorotoluene	11.51	91	11644	1.418	ug/l #	43
83) tert-Butylbenzene	12.02	119	10862	1.191	ug/l	69
84) 1,2,4-Trimethylbenzene	11.80	105	318084	34.835	ug/l	99
85) sec-Butylbenzene	11.80	105	318084	29.698	ug/l #	55
86) p-Isopropyltoluene	12.06	119	6918	0.698	ug/l	90
89) n-Butylbenzene	12.38	91	5941	0.706	ug/l #	19
90) Hexachloroethane	12.58	117	1253	0.731	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	13.02	75	201	0.255	ug/l #	1

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QLast Update : Thu Jun 20 03:31:56 2019
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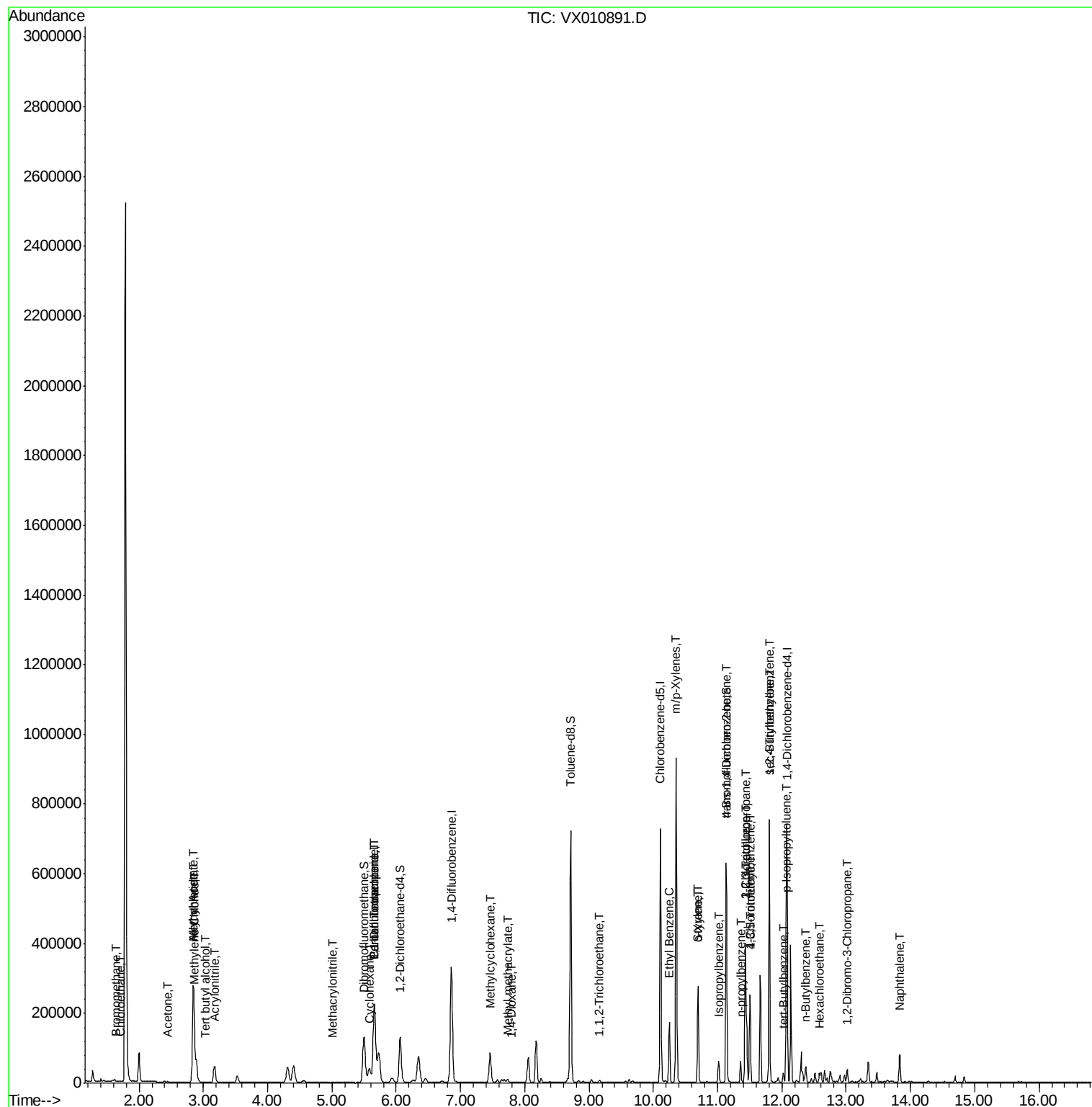
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	13.83	128	50345	4.423	ug/l	98

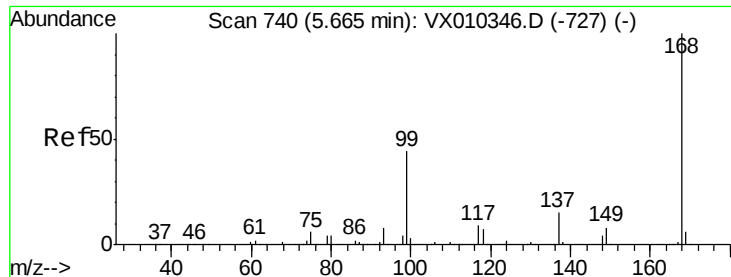
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX010891.D

Acq: 15 Jul 2019 17:47

Instrument :

MSVOA_X

ClientSampleId :

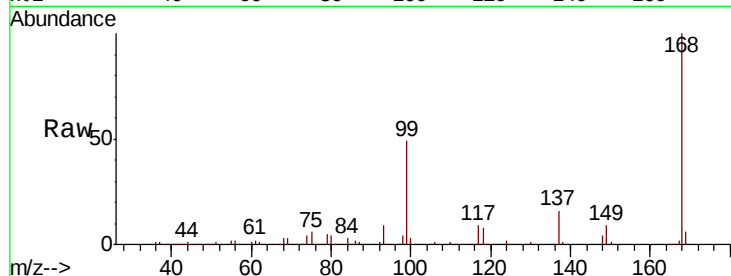
FL-0597DL

Tot Ion:168 Resp: 229302

Ion Ratio Lower Upper

168 100

99 49.3 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

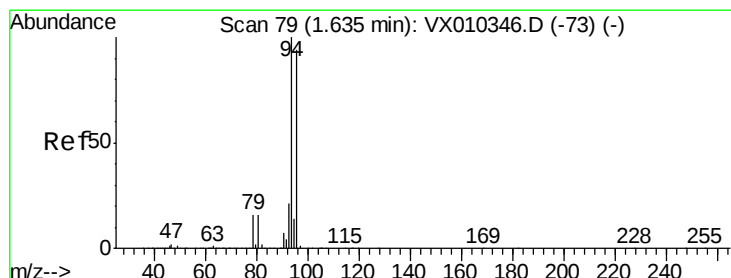
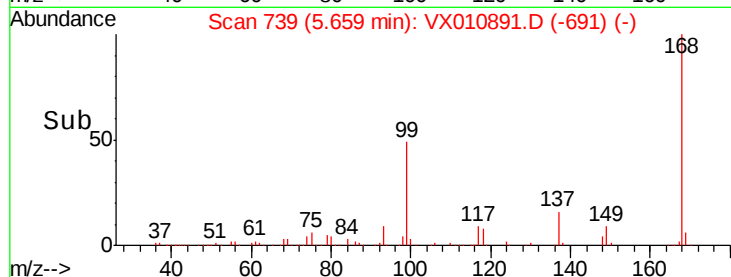
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.472 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX010891.D

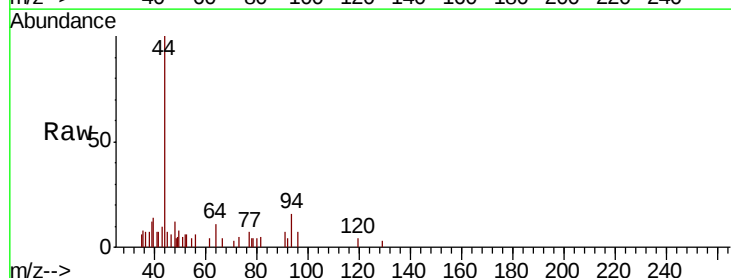
Acq: 15 Jul 2019 17:47

Tgt Ion: 94 Resp: 468

Ion Ratio Lower Upper

94 100

96 44.4 75.5 113.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

250

200

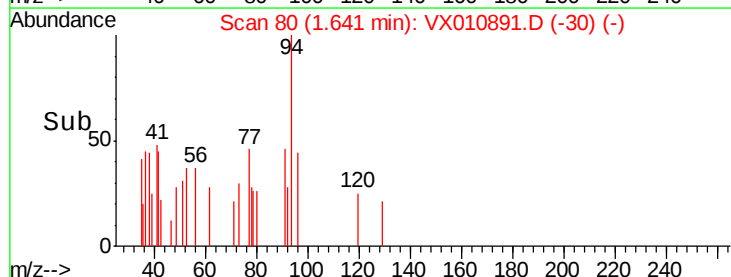
150

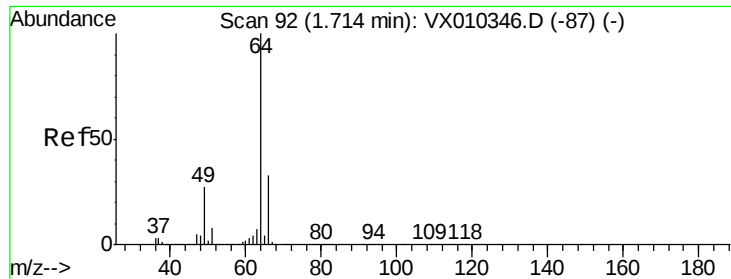
100

50

0

Time--> 1.60 1.65





#6

Chloroethane

Concen: 0.984 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010891.D

Acq: 15 Jul 2019 17:47

Instrument :

MSVOA_X

ClientSampled :

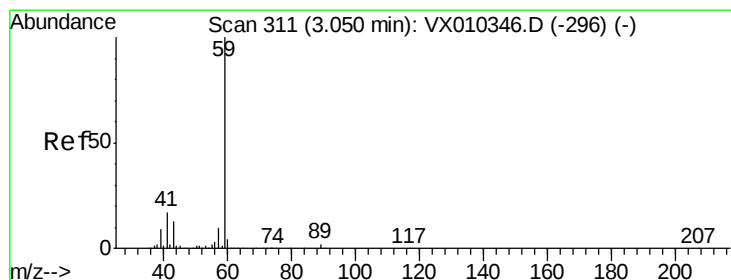
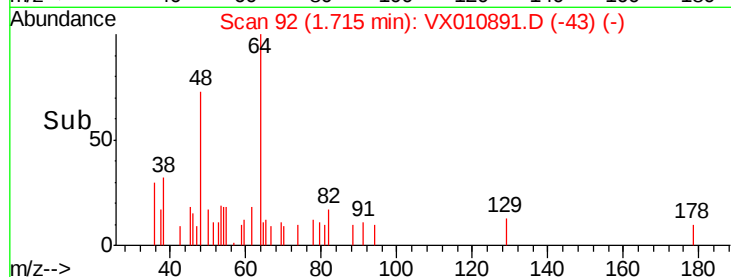
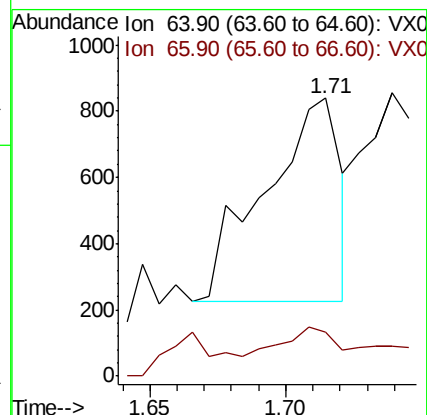
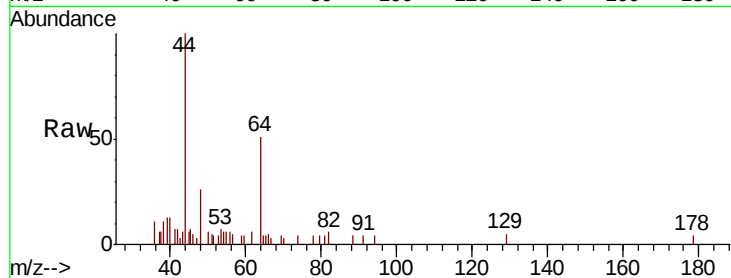
FL-0597DL

Tot Ion: 64 Resp: 1180

Ion Ratio Lower Upper

64 100

66 9.1 26.6 40.0#



#11

Tert butyl alcohol

Concen: 2.183 ug/l

RT: 3.03 min Scan# 307

Delta R.T. -0.02 min

Lab File: VX010891.D

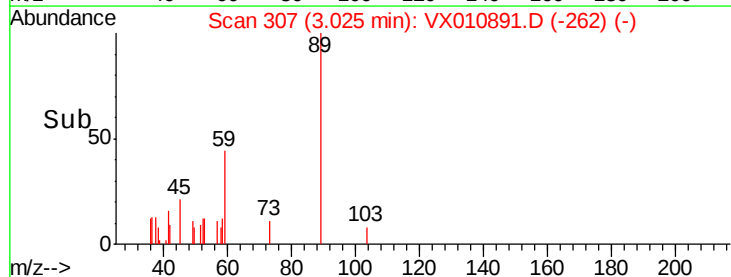
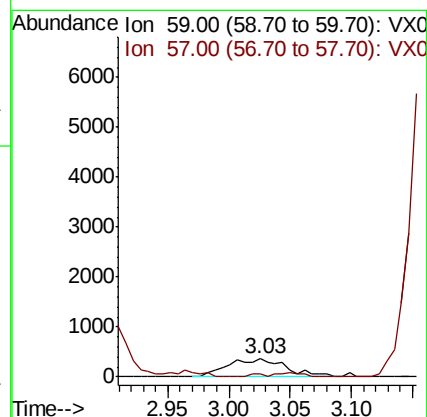
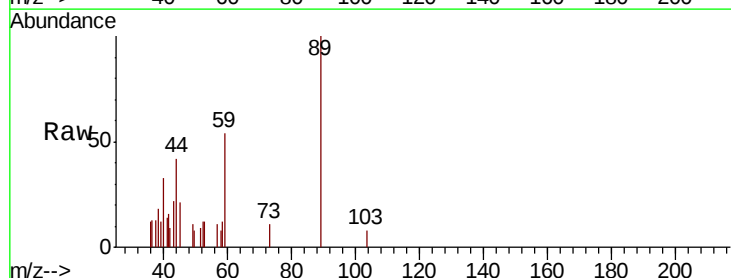
Acq: 15 Jul 2019 17:47

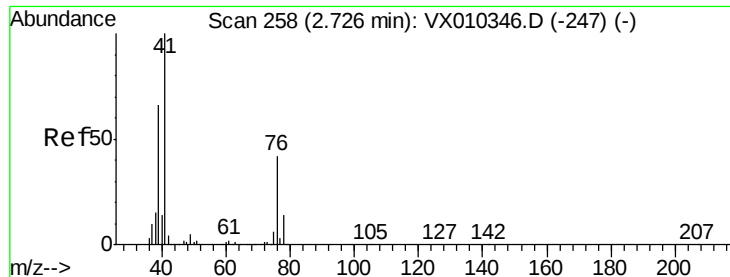
Tgt Ion: 59 Resp: 1228

Ion Ratio Lower Upper

59 100

57 0.0 7.7 11.5#





#14

Allvl chloride

Concen: 33.872 ug/l

RT: 2.84 min Scan# 277

Delta R.T. 0.12 min

Lab File: VX010891.D

Acq: 15 Jul 2019 17:47

Instrument :

MSVOA_X

ClientSampleId :

FL-0597DL

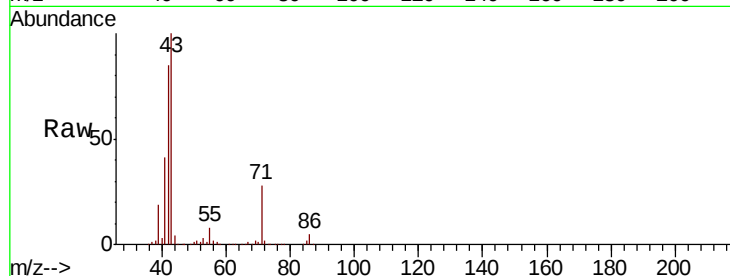
Tot Ion: 41 Resp: 95578

Ion Ratio Lower Upper

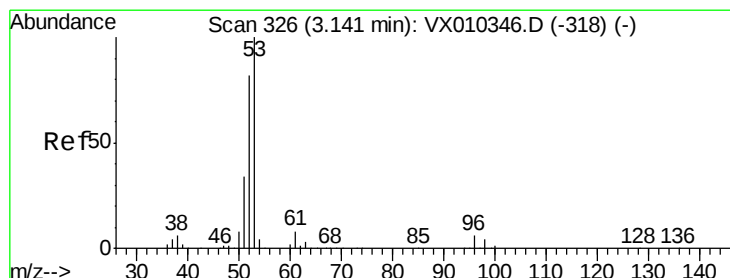
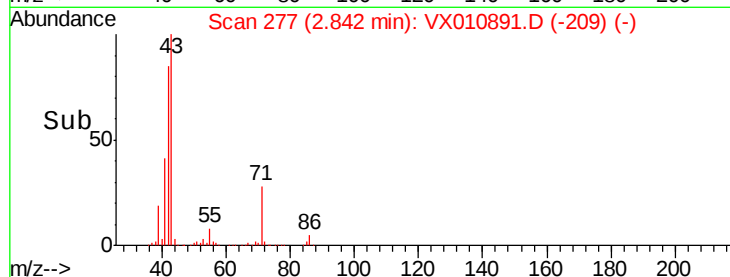
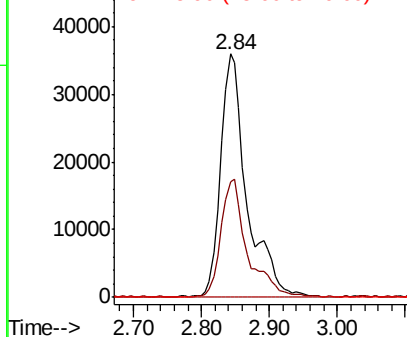
41 100

39 49.7 50.3 75.5#

76 0.0 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



#15

Acrylonitrile

Concen: 1.251 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.03 min

Lab File: VX010891.D

Acq: 15 Jul 2019 17:47

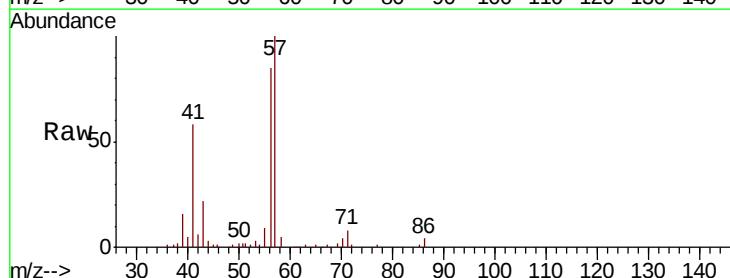
Tgt Ion: 53 Resp: 1393

Ion Ratio Lower Upper

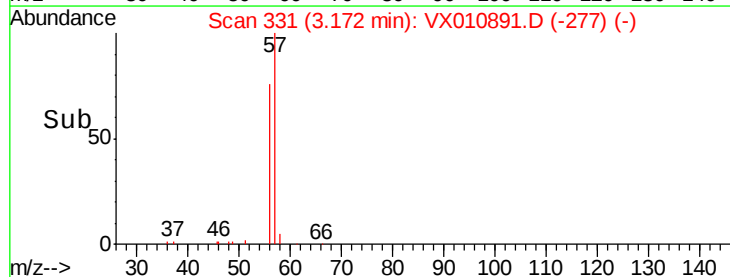
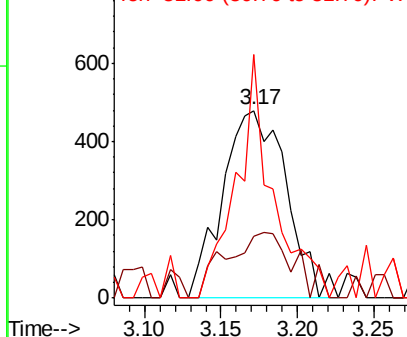
53 100

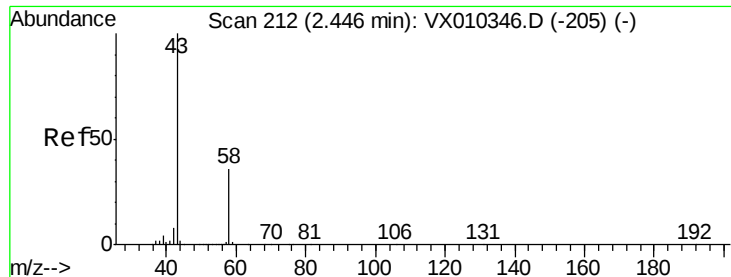
52 37.0 65.5 98.3#

51 73.2 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: 2.042 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010891.D

Acq: 15 Jul 2019 17:47

Instrument :

MSVOA_X

ClientSampled :

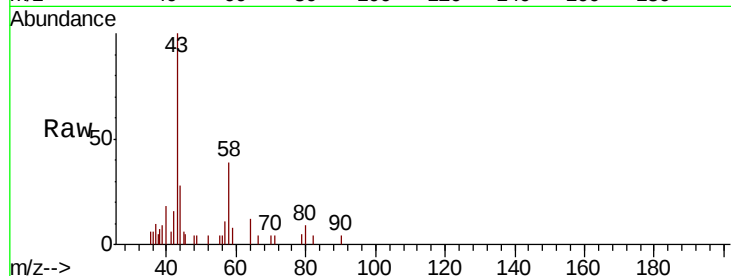
FL-0597DL

Tot Ion: 43 Resp: 2200

Ion Ratio Lower Upper

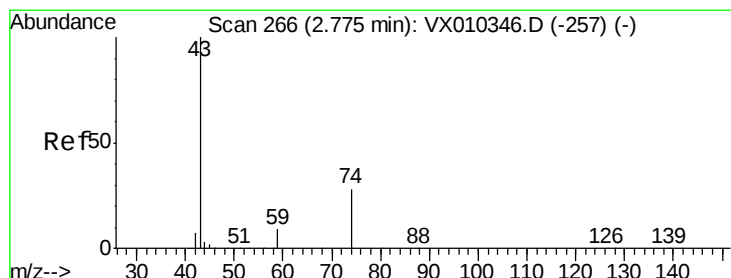
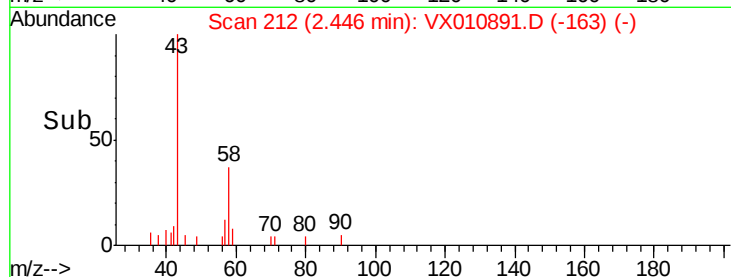
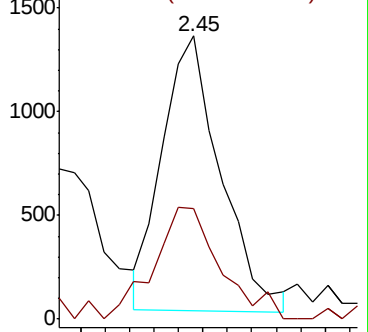
43 100

58 43.4 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: 108.041 ug/l

RT: 2.84 min Scan# 277

Delta R.T. 0.07 min

Lab File: VX010891.D

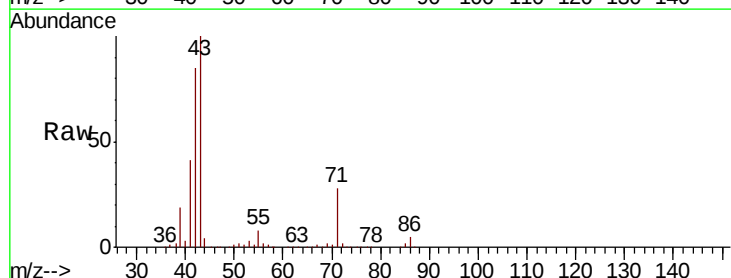
Acq: 15 Jul 2019 17:47

Tgt Ion: 43 Resp: 232016

Ion Ratio Lower Upper

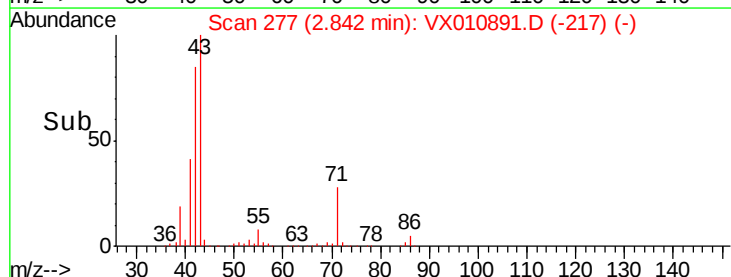
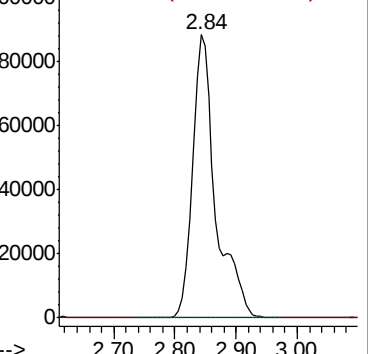
43 100

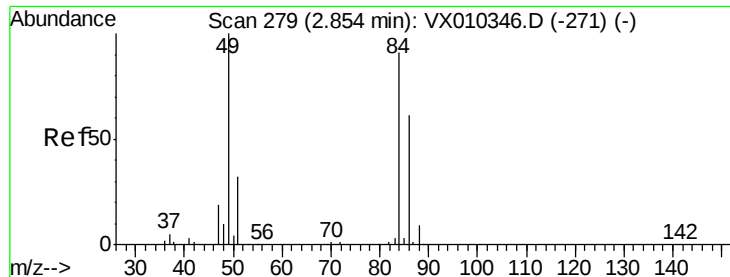
74 0.1 21.3 31.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

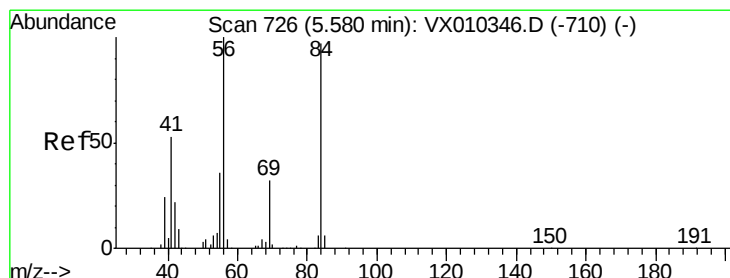
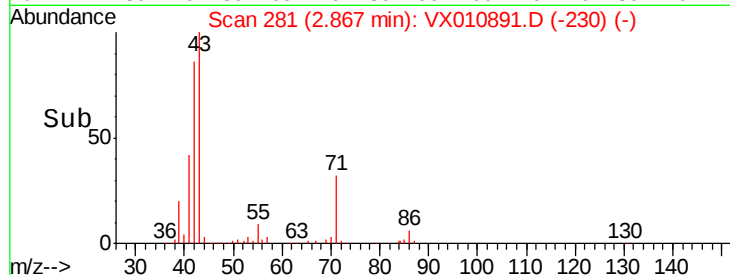
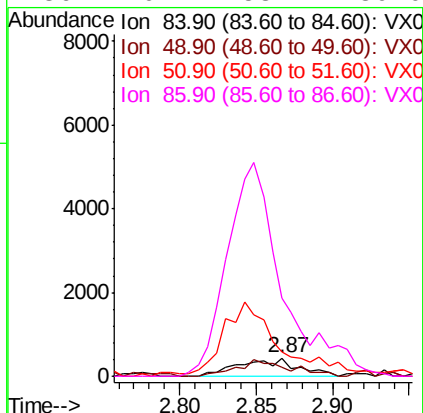
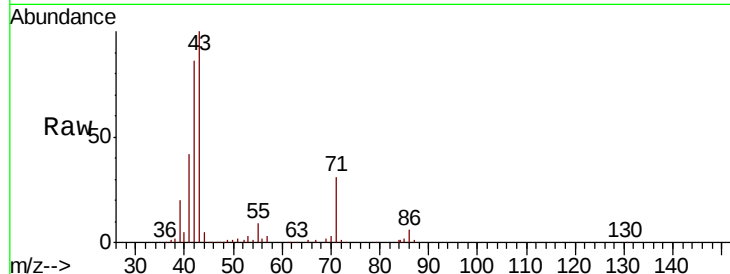




#20
Methvlene Chloride
Concen: 0.504 ug/l
RT: 2.87 min Scan# 281
Delta R.T. 0.01 min
Lab File: VX010891.D
Acq: 15 Jul 2019 17:47

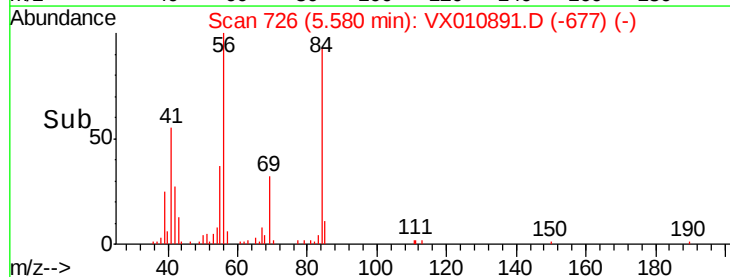
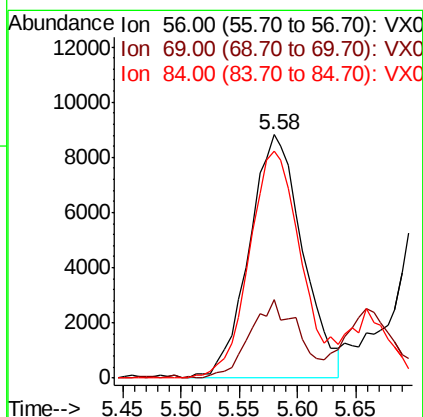
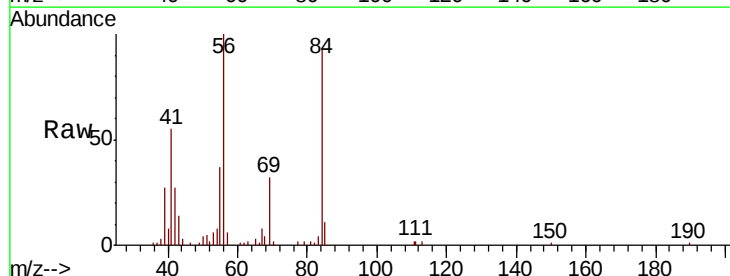
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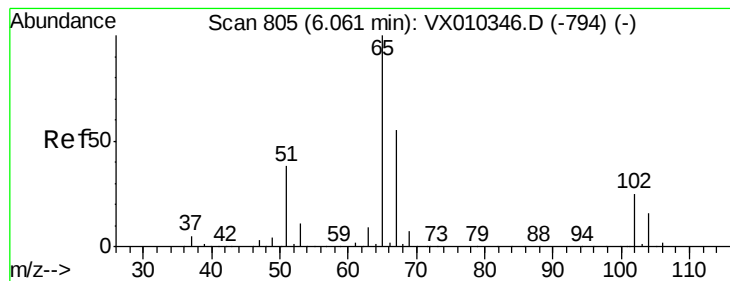
Tot Ion: 84 Resp: 1118
Ion Ratio Lower Upper
84 100
49 51.6 87.5 131.3#
51 119.9 27.7 41.5#
86 410.7 53.4 80.0#



#31
Cyclohexane
Concen: 9.034 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX010891.D
Acq: 15 Jul 2019 17:47

Tgt Ion: 56 Resp: 28055
Ion Ratio Lower Upper
56 100
69 31.3 25.9 38.9
84 93.3 78.0 117.0





#33

1,2-Dichloroethane-d4

Concen: 55.379 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010891.D

Acq: 15 Jul 2019 17:47

Instrument :

MSVOA_X

ClientSampled :

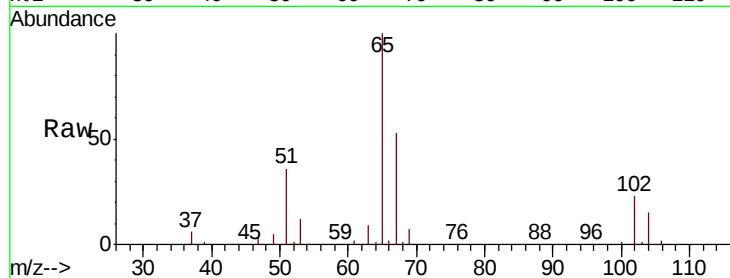
FL-0597DL

Tot Ion: 65 Resp: 119061

Ion Ratio Lower Upper

65 100

67 54.3 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

30000

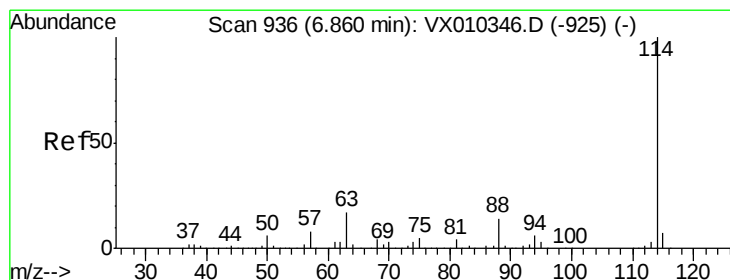
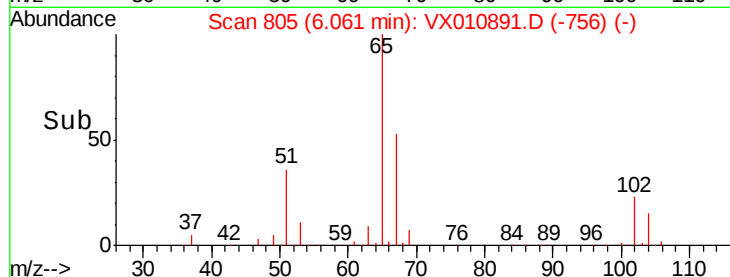
20000

10000

0

Time-->

6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010891.D

Acq: 15 Jul 2019 17:47

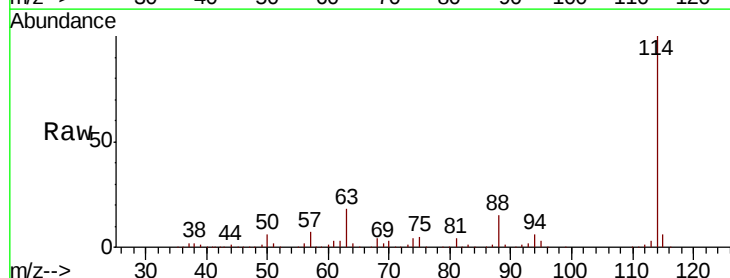
Tgt Ion: 114 Resp: 358393

Ion Ratio Lower Upper

114 100

63 17.6 0.0 33.8

88 15.0 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

200000

150000

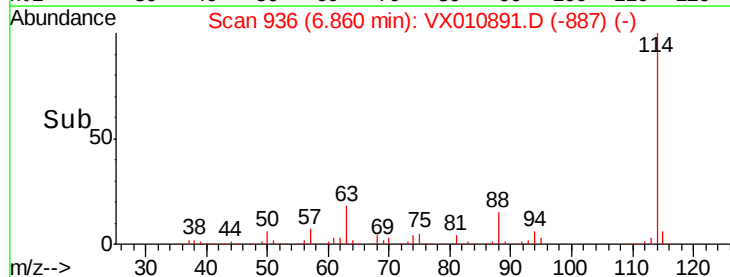
100000

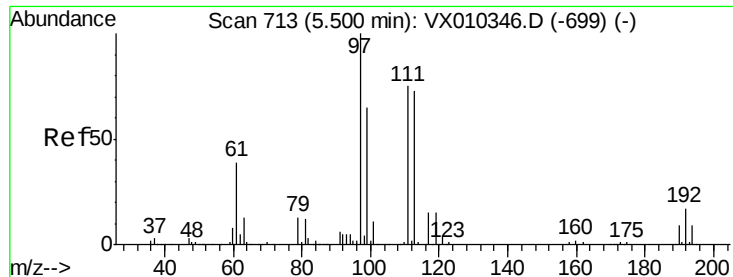
50000

0

Time-->

6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 50.530 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010891.D

Acq: 15 Jul 2019 17:47

Instrument :

MSVOA_X

ClientSampled :

FL-0597DL

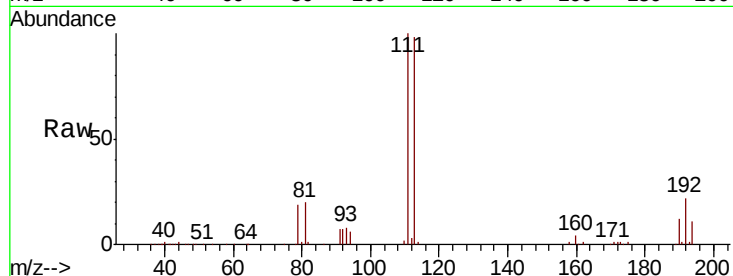
Tot Ion:113 Resp: 110801

Ion Ratio Lower Upper

113 100

111 100.9 81.2 121.8

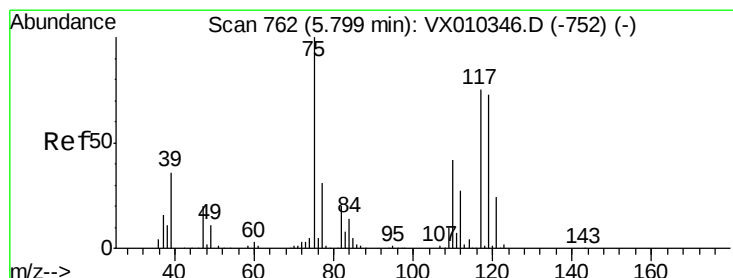
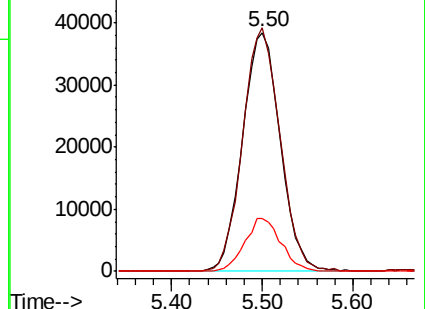
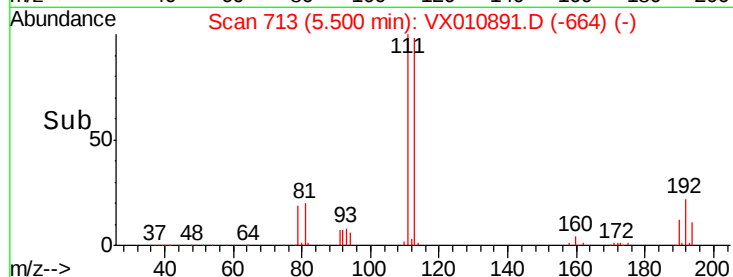
192 21.5 18.6 27.8



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: 5.337 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX010891.D

Acq: 15 Jul 2019 17:47

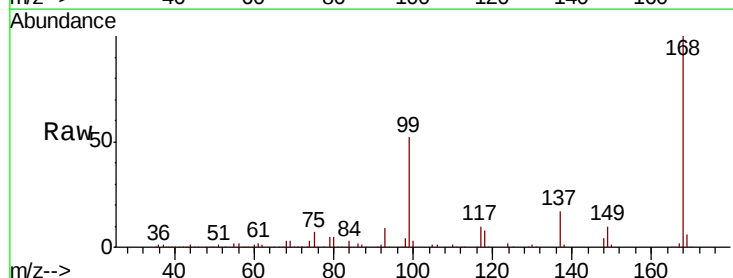
Tgt Ion: 75 Resp: 15201

Ion Ratio Lower Upper

75 100

110 10.5 20.8 62.2#

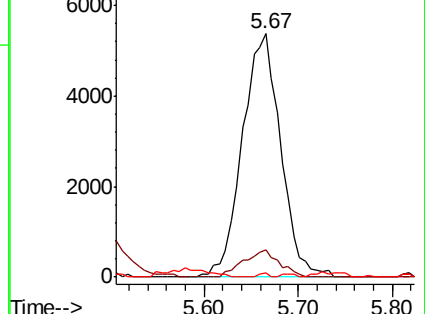
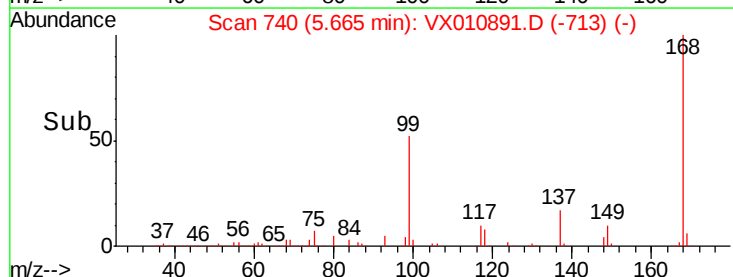
77 0.4 25.4 38.0#

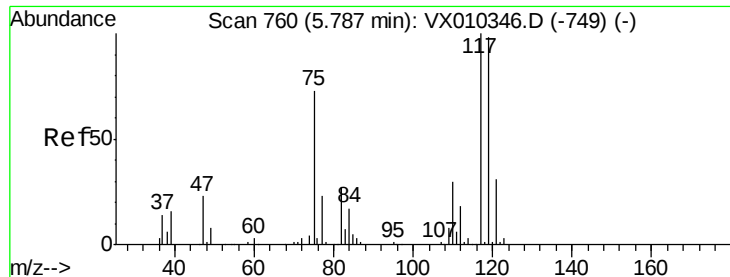


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.671 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX010891.D

Acq: 15 Jul 2019 17:47

Instrument :

MSVOA_X

ClientSampled :

FL-0597DL

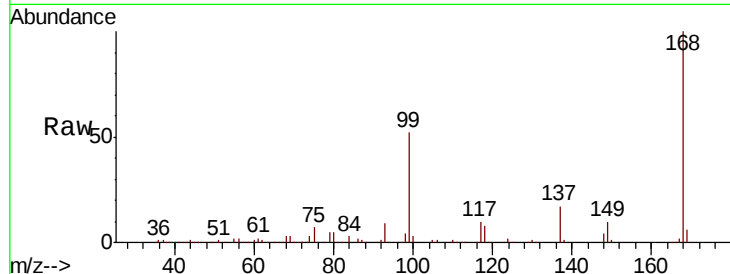
Tot Ion:117 Resp: 20573

Ion Ratio Lower Upper

117 100

119 4.4 78.2 117.4#

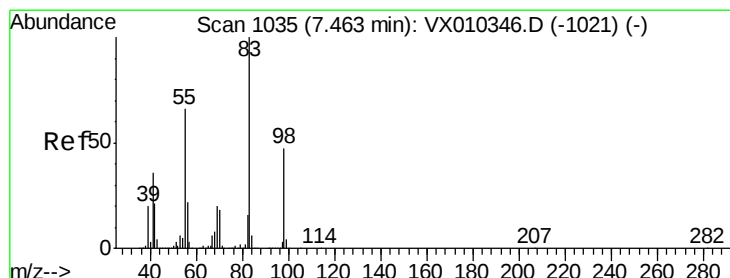
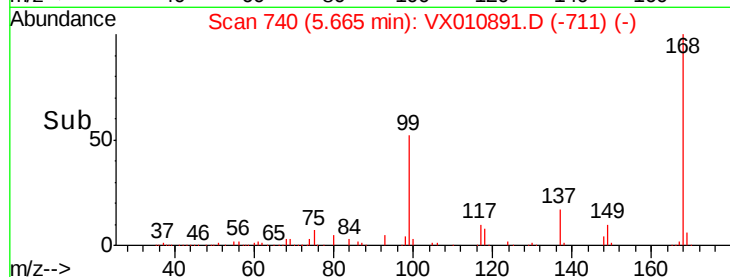
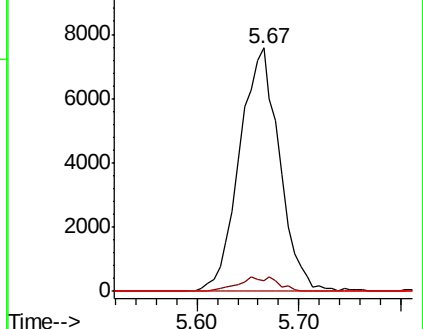
121 0.0 24.7 37.1#



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: 10.556 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX010891.D

Acq: 15 Jul 2019 17:47

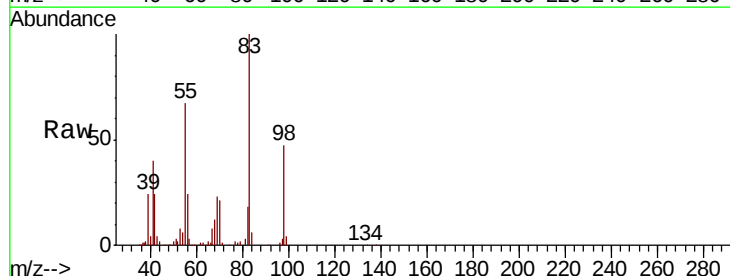
Tgt Ion: 83 Resp: 39519

Ion Ratio Lower Upper

83 100

55 66.4 53.0 79.6

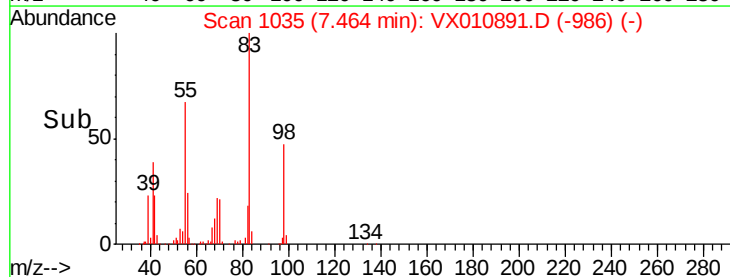
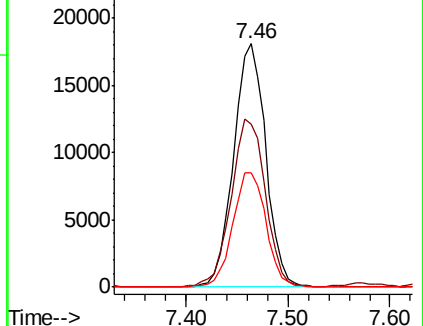
98 46.7 37.8 56.8

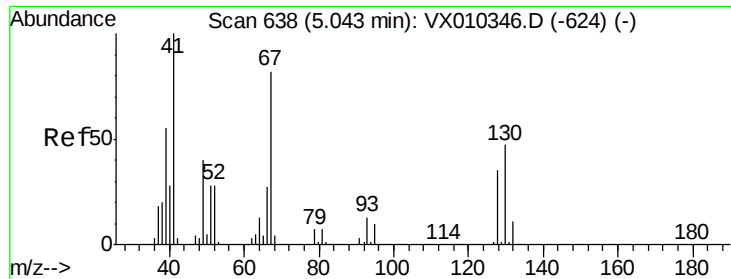


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

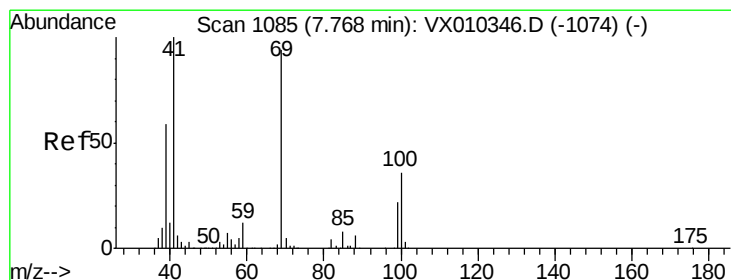
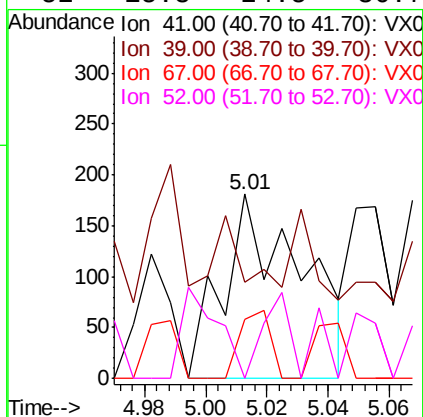
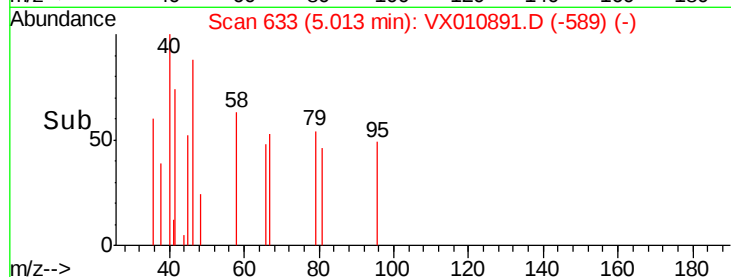
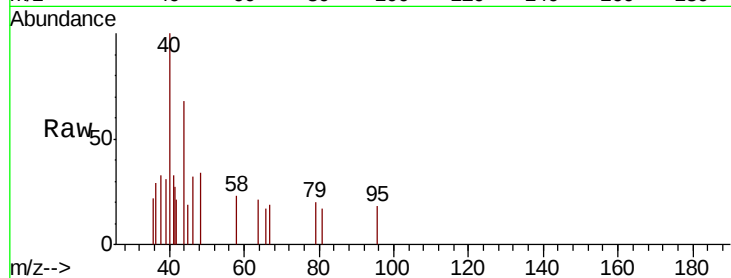




#41
Methacrylonitrile
Concen: 0.201 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.03 min
Lab File: VX010891.D
Acq: 15 Jul 2019 17:47

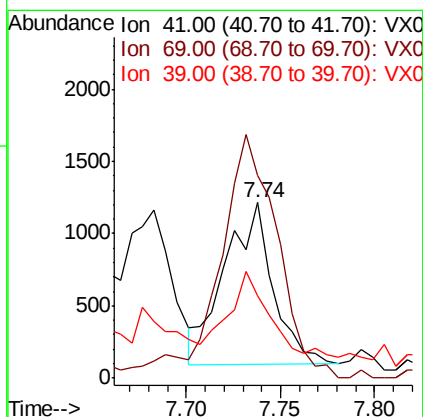
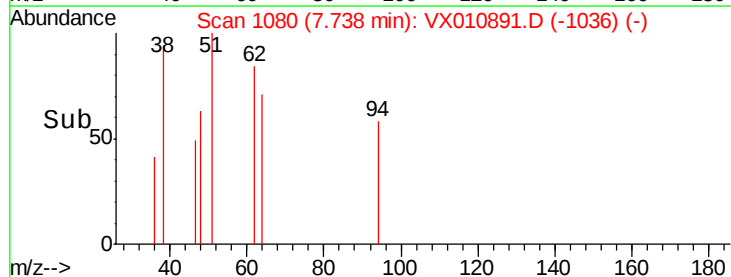
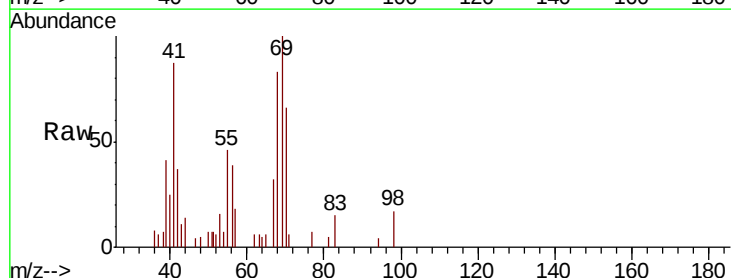
Instrument :
MSVOA_X
ClientSampleID :
FL-0597DL

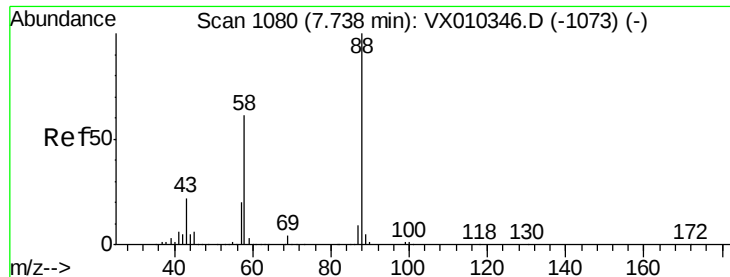
Tot Ion	Ratio	Lower	Upper
41	100		
39	12.4	43.8	65.8#
67	14.2	66.6	100.0#
52	15.8	24.5	36.7#



#48
Methyl methacrylate
Concen: 0.882 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.03 min
Lab File: VX010891.D
Acq: 15 Jul 2019 17:47

Tgt Ion	Ratio	Lower	Upper
41	100		
69	180.5	76.1	114.1#
39	50.1	47.6	71.4





#49

1,4-Dioxane

Concen: 0.293 ug/l

RT: 7.80 min Scan# 1090

Delta R.T. 0.06 min

Lab File: VX010891.D

Acq: 15 Jul 2019 17:47

Instrument :

MSVOA_X

ClientSampleId :

FL-0597DL

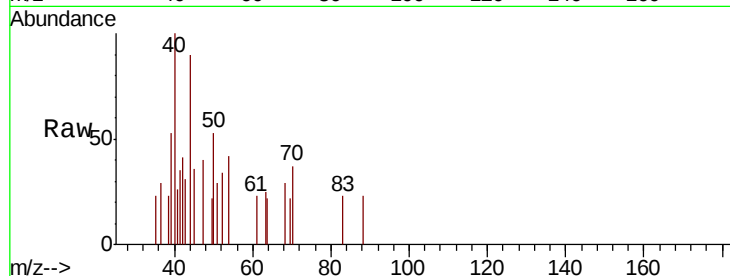
Tot Ion: 88 Resp: 19

Ion Ratio Lower Upper

88 100

43 0.0 20.2 30.2#

58 500.0 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

150

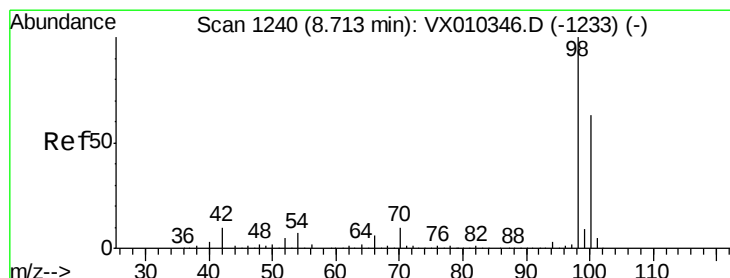
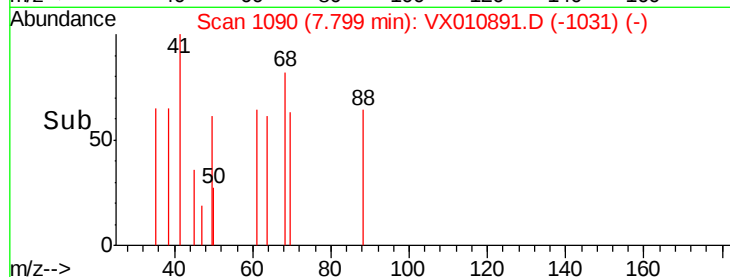
100

50

0

7.78 7.79 7.80 7.81

Time-->



#50

Toluene-d8

Concen: 51.613 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010891.D

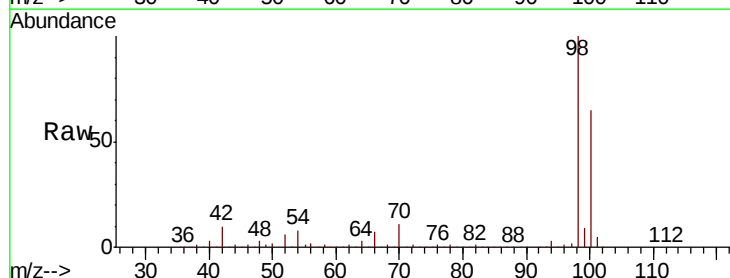
Acq: 15 Jul 2019 17:47

Tgt Ion: 98 Resp: 432993

Ion Ratio Lower Upper

98 100

100 63.5 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

300000

250000

200000

150000

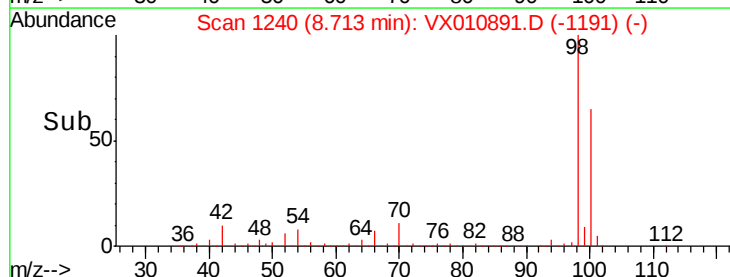
100000

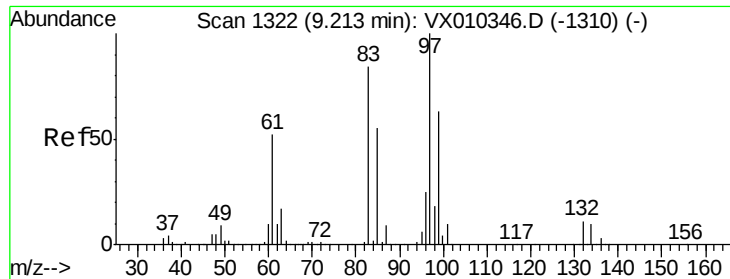
50000

0

8.60 8.70 8.80

Time-->

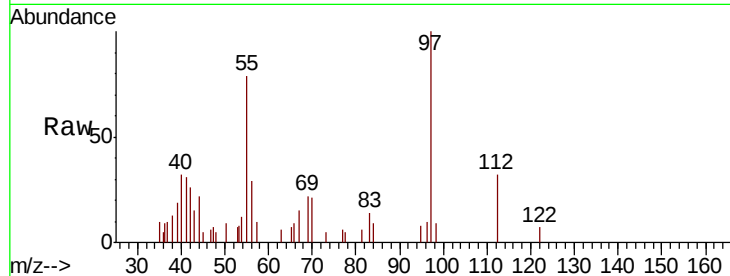




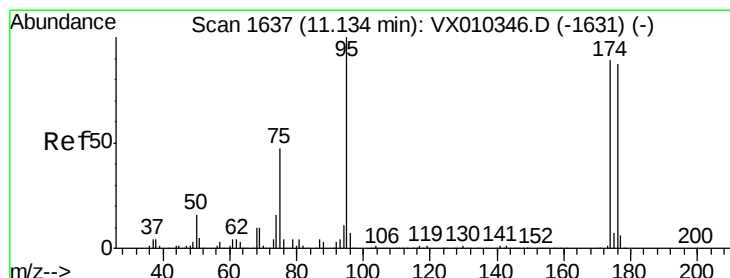
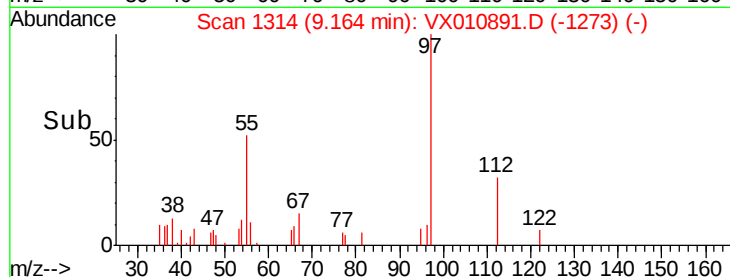
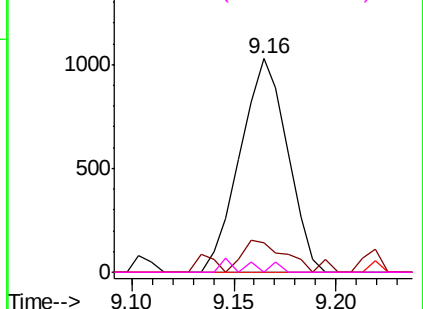
#55
 1,1,2-Trichloroethane
 Concen: 0.688 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.05 min
 Lab File: VX010891.D
 Acq: 15 Jul 2019 17:47

Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0597DL

Tot Ion: 97 Resp: 1659
 Ion Ratio Lower Upper
 97 100
 83 13.6 67.4 101.0#
 85 0.0 43.8 65.8#
 99 0.0 50.3 75.5#

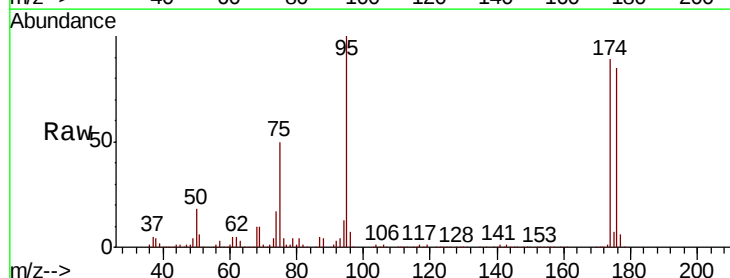


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

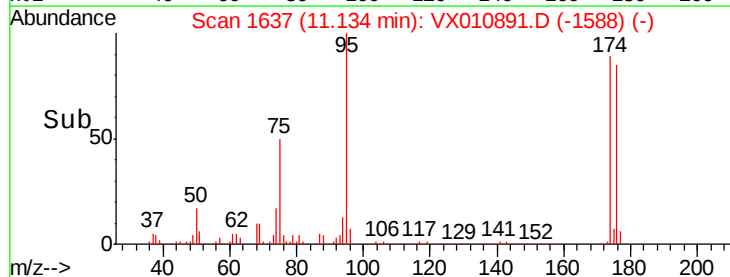
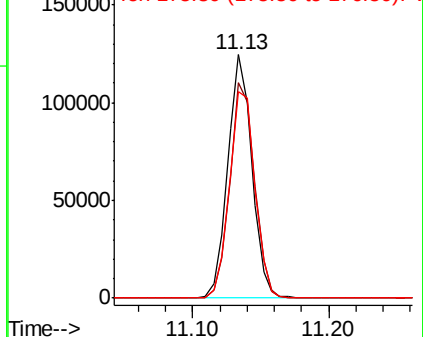


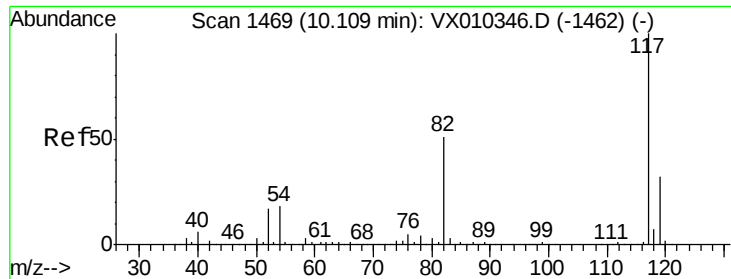
#62
 4-Bromofluorobenzene
 Concen: 50.656 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX010891.D
 Acq: 15 Jul 2019 17:47

Tgt Ion: 95 Resp: 153422
 Ion Ratio Lower Upper
 95 100
 174 91.1 0.0 187.6
 176 90.3 0.0 184.0



Abundance Ion 94.90 (94.60 to 95.60): VX0
 Ion 173.80 (173.50 to 174.50): V
 Ion 175.80 (175.50 to 176.50): V

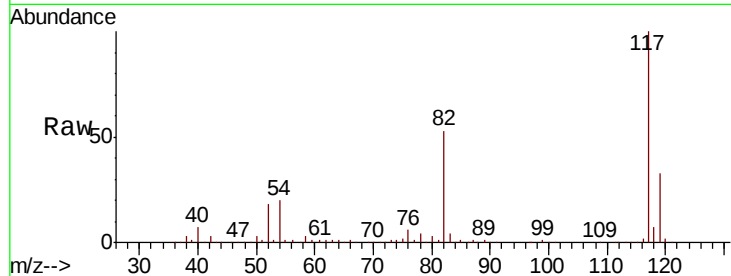




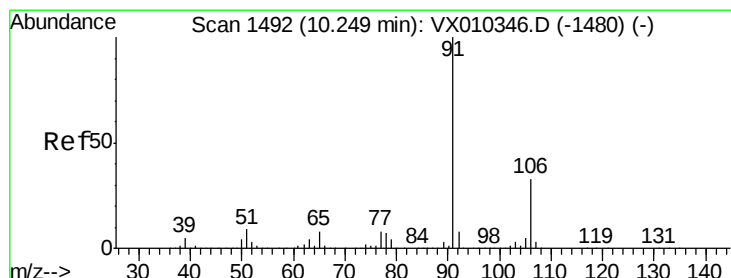
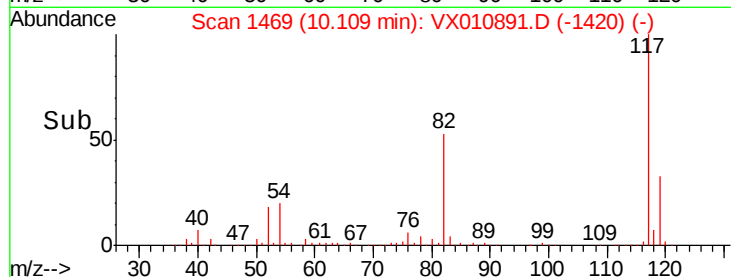
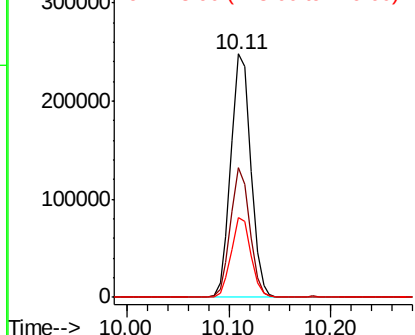
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010891.D
Acq: 15 Jul 2019 17:47

Instrument :
MSVOA_X
ClientSampleId :
FL-0597DL

Tot Ion:117 Resp: 334788
Ion Ratio Lower Upper
117 100
82 53.4 41.2 61.8
119 32.8 25.5 38.3

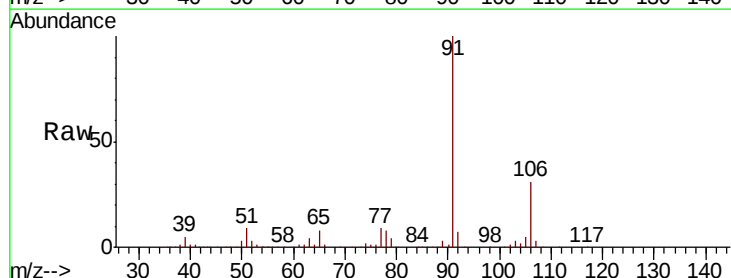


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

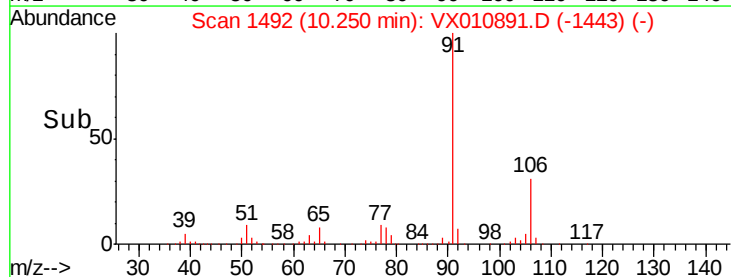
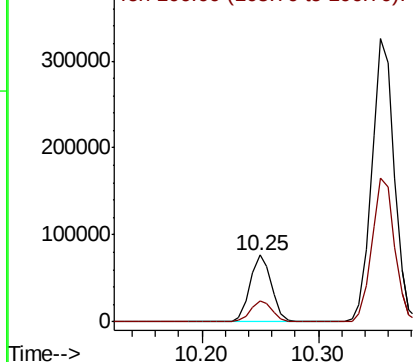


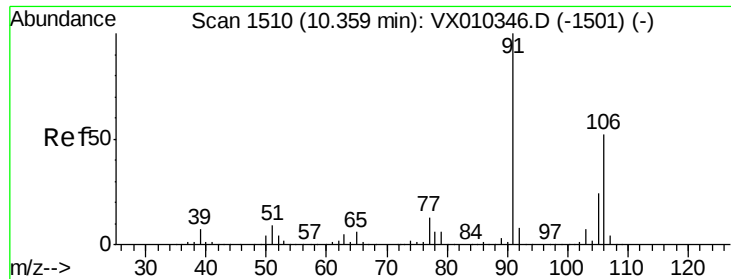
#67
Ethyl Benzene
Concen: 8.733 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010891.D
Acq: 15 Jul 2019 17:47

Tgt Ion: 91 Resp: 100207
Ion Ratio Lower Upper
91 100
106 31.1 26.2 39.2



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

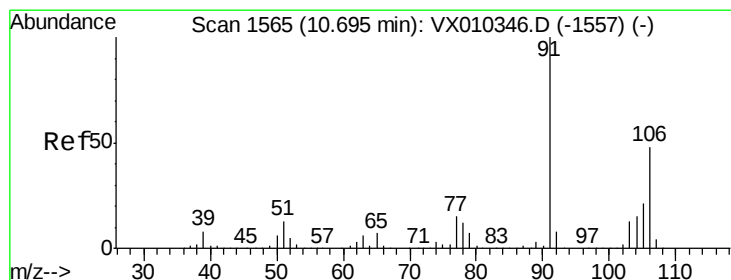
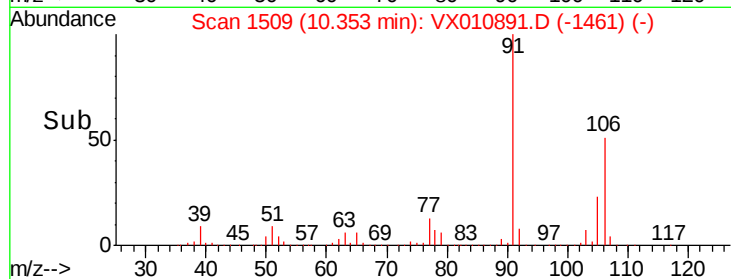
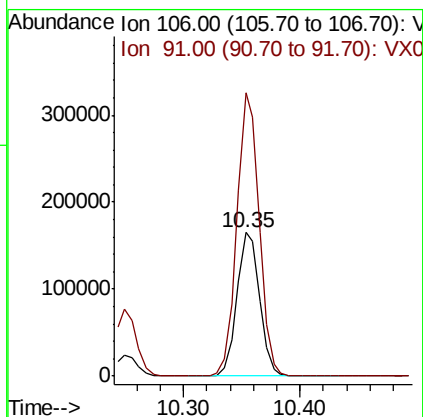
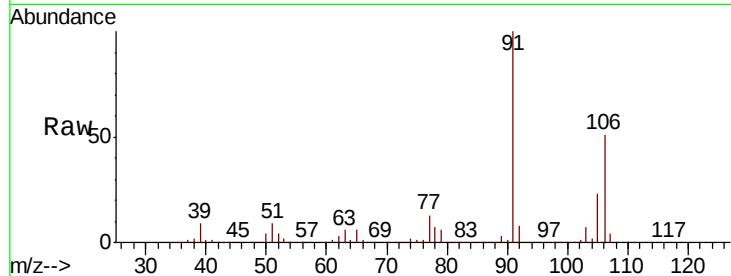




#68
m/p-Xylenes
Concen: 50.254 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX010891.D
Acq: 15 Jul 2019 17:47

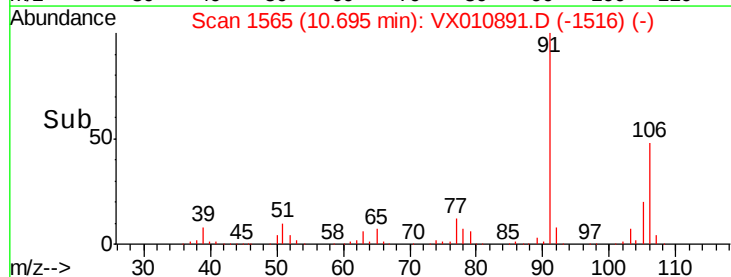
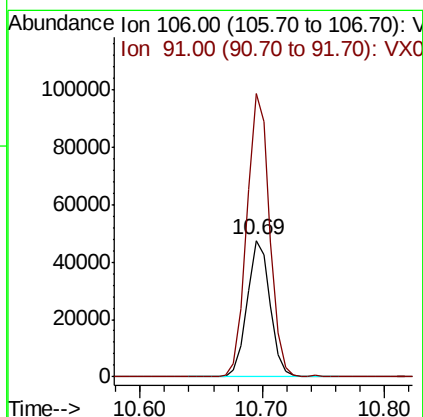
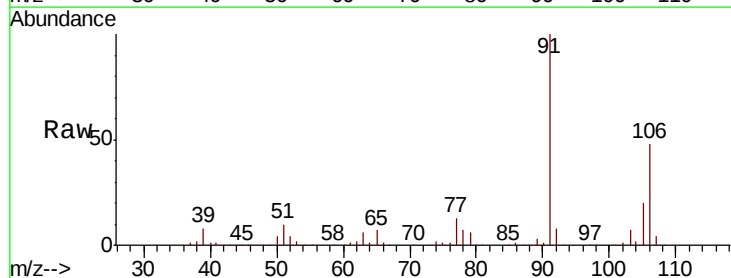
Instrument :
MSVOA_X
ClientSampleId :
FL-0597DL

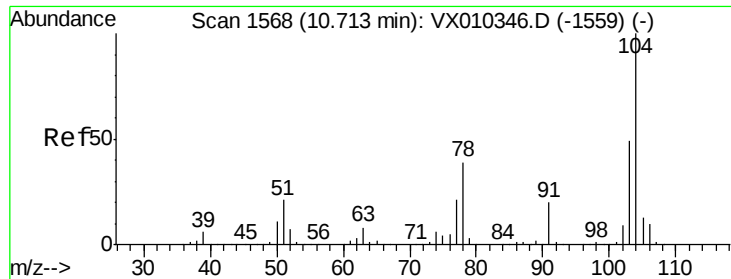
Tot Ion:106 Resp: 223433
Ion Ratio Lower Upper
106 100
91 194.5 155.3 232.9



#69
o-Xylene
Concen: 14.219 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010891.D
Acq: 15 Jul 2019 17:47

Tgt Ion:106 Resp: 62171
Ion Ratio Lower Upper
106 100
91 205.4 102.7 308.1





#70

Stvrene

Concen: 0.426 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.02 min

Lab File: VX010891.D

Acq: 15 Jul 2019 17:47

Instrument :

MSVOA_X

ClientSampleId :

FL-0597DL

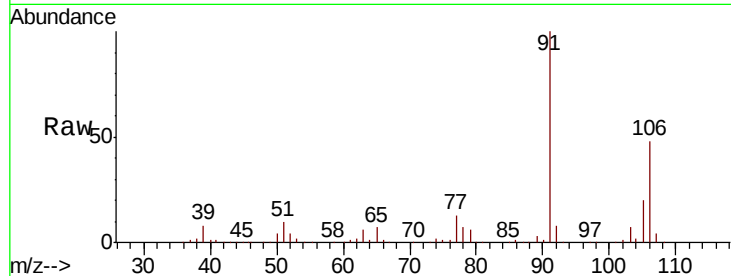
Tot Ion:104 Resp: 3122

Ion Ratio Lower Upper

104 100

78 302.5 36.2 54.2#

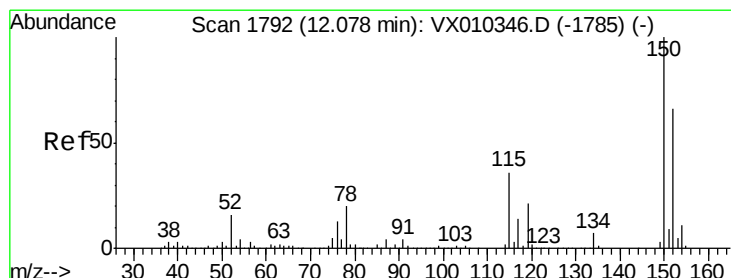
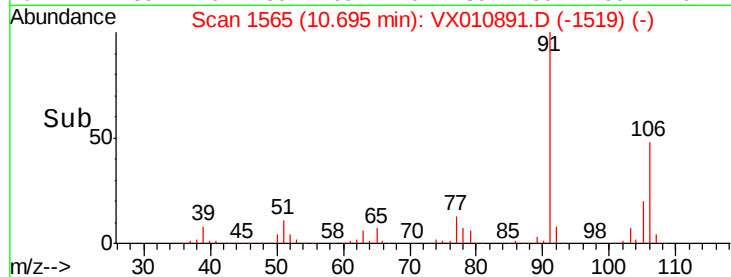
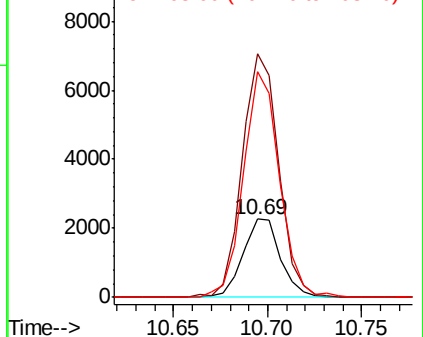
103 278.0 44.2 66.4#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010891.D

Acq: 15 Jul 2019 17:47

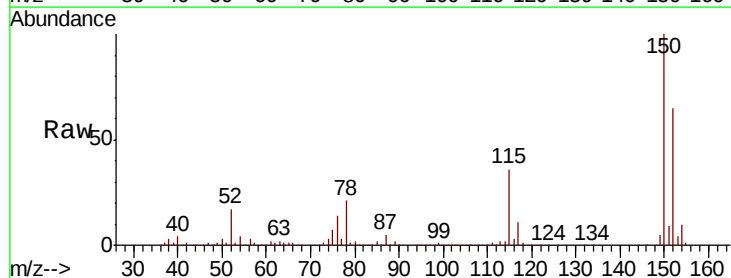
Tgt Ion:152 Resp: 162635

Ion Ratio Lower Upper

152 100

115 56.2 38.6 115.7

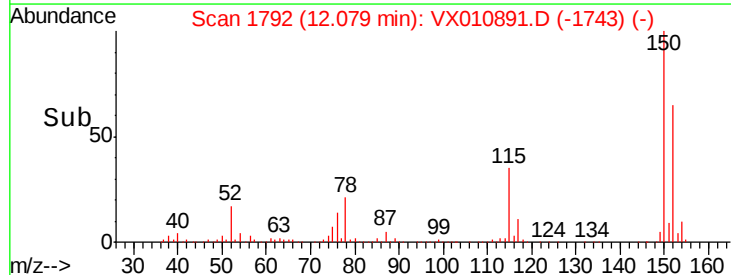
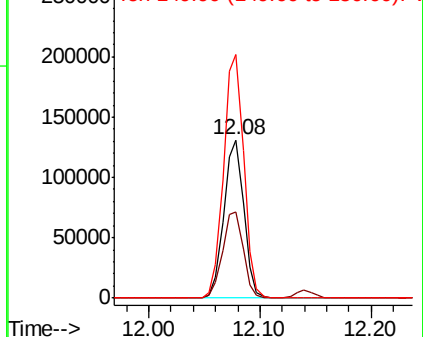
150 155.7 0.0 347.4

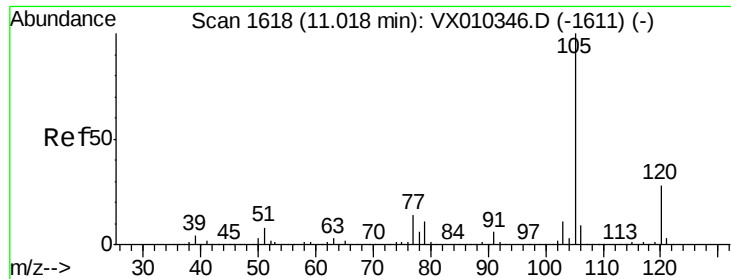


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 2.869 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010891.D

Acq: 15 Jul 2019 17:47

Instrument :

MSVOA_X

ClientSampleId :

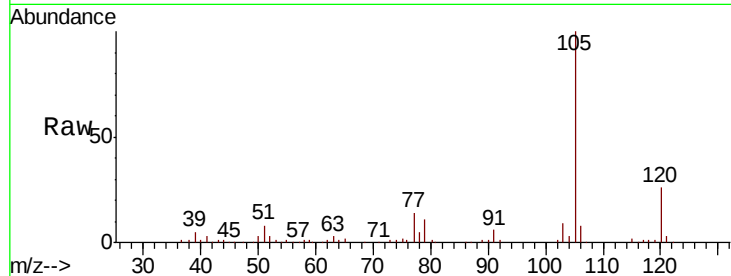
FL-0597DL

Tot Ion:105 Resp: 31635

Ion Ratio Lower Upper

105 100

120 26.3 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

25000

20000

15000

10000

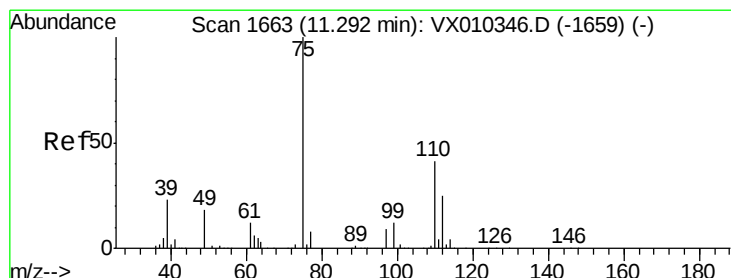
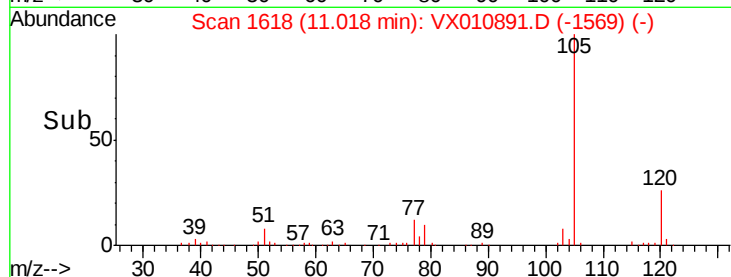
5000

0

Time-->

11.00

11.10



#76

1,2,3-Trichloropropane

Concen: 0.829 ug/l

RT: 11.43 min Scan# 1685

Delta R.T. 0.13 min

Lab File: VX010891.D

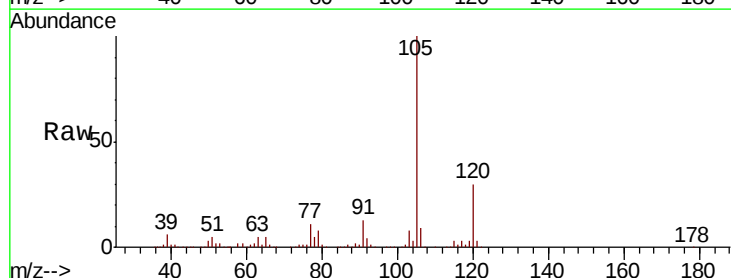
Acq: 15 Jul 2019 17:47

Tgt Ion: 75 Resp: 2458

Ion Ratio Lower Upper

75 100

77 1217.4 22.6 67.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.43

20000

15000

10000

5000

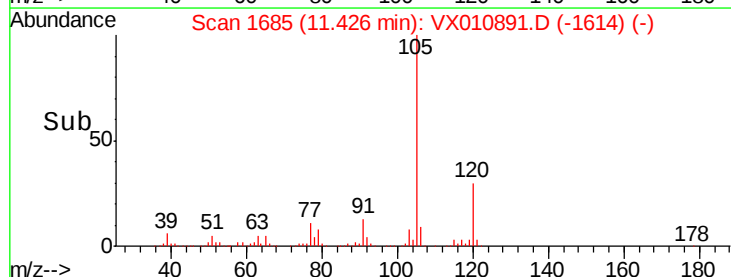
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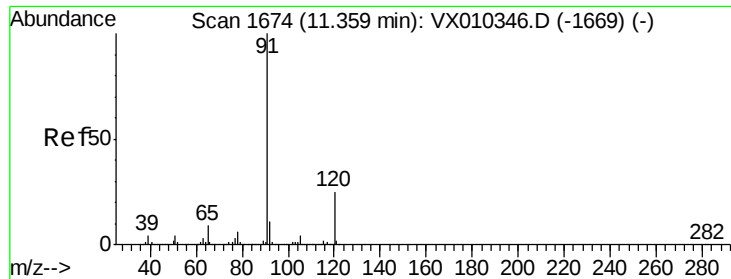
Time-->

11.40

11.45

11.50





#78

n-propylbenzene

Concen: 3.100 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010891.D

Acq: 15 Jul 2019 17:47

Instrument :

MSVOA_X

ClientSampleId :

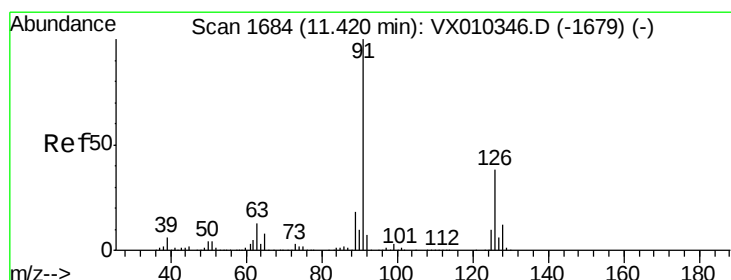
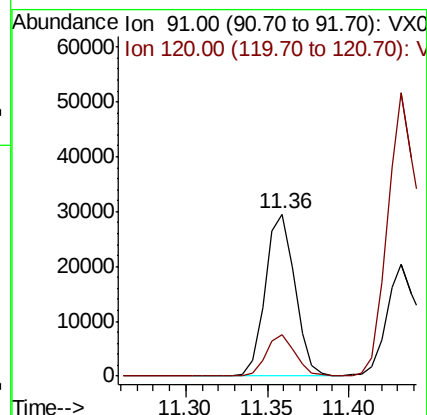
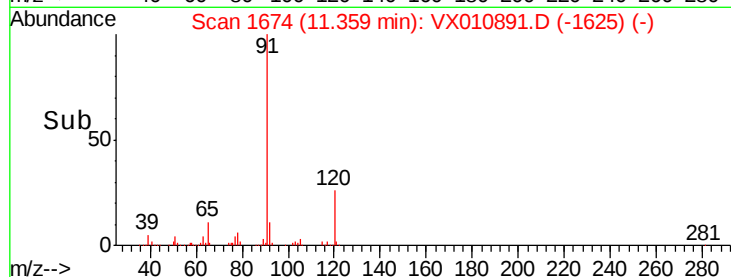
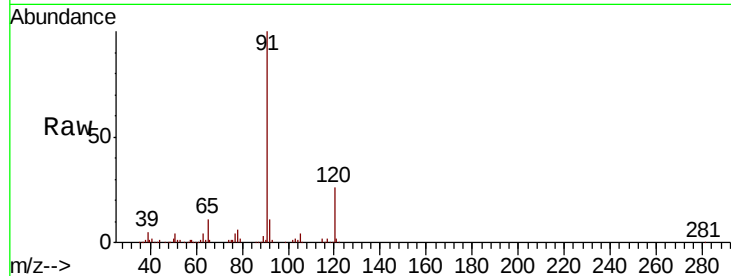
FL-0597DL

Tot Ion: 91 Resp: 37557

Ion Ratio Lower Upper

91 100

120 24.8 12.4 37.4



#79

2-Chlorotoluene

Concen: 4.650 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX010891.D

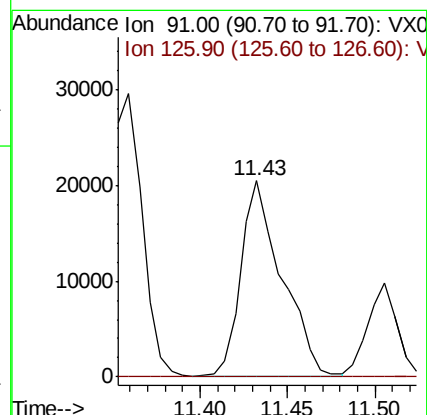
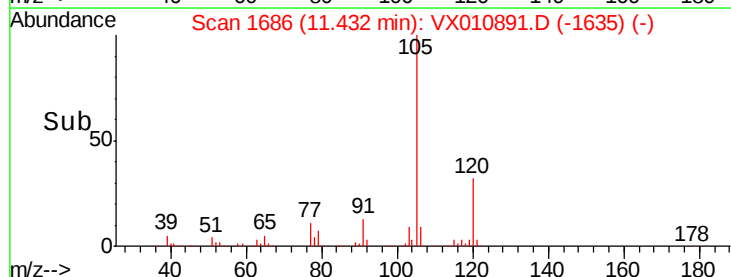
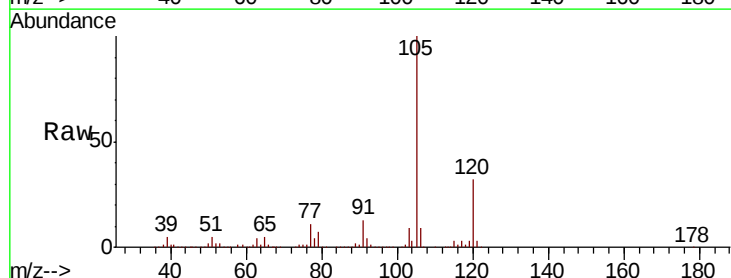
Acq: 15 Jul 2019 17:47

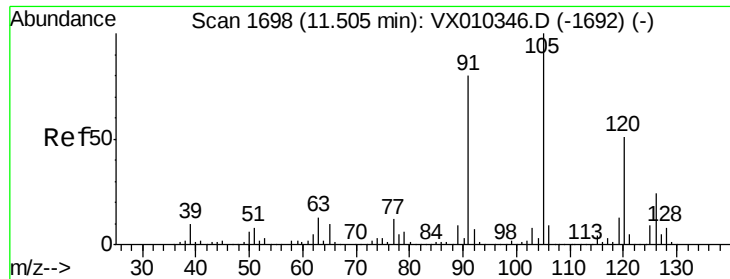
Tgt Ion: 91 Resp: 33547

Ion Ratio Lower Upper

91 100

126 0.0 18.7 56.1#

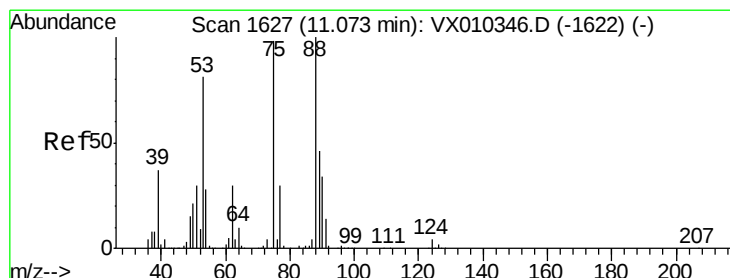
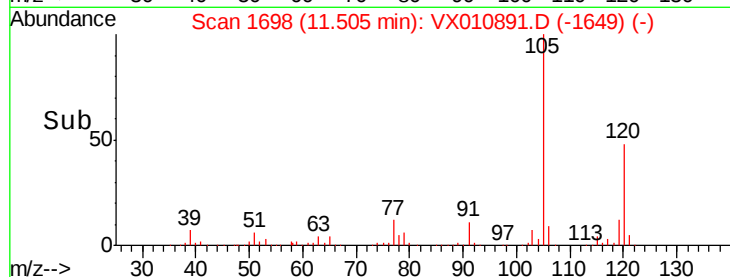
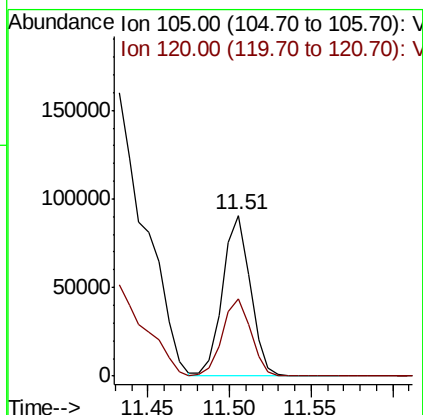
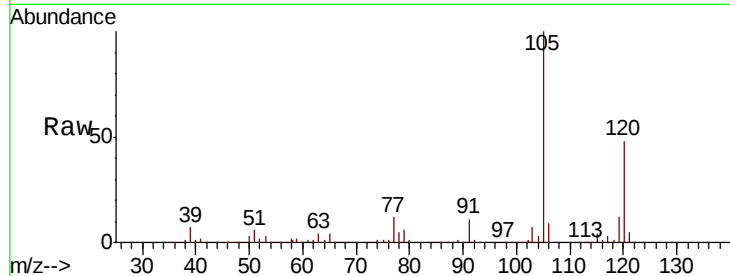




#80
 1,3,5-Trimethylbenzene
 Concen: 11.867 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010891.D
 Acq: 15 Jul 2019 17:47

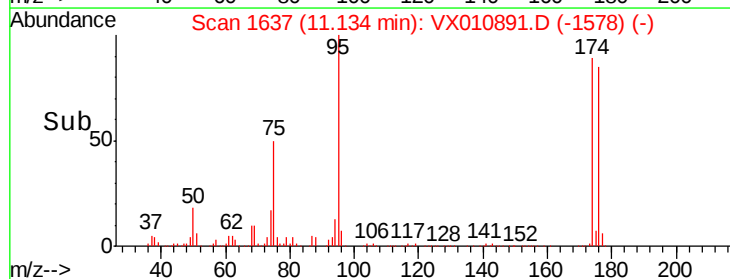
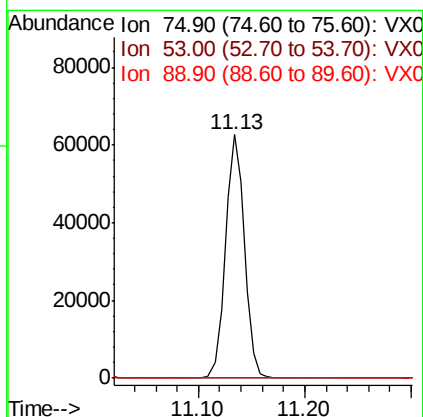
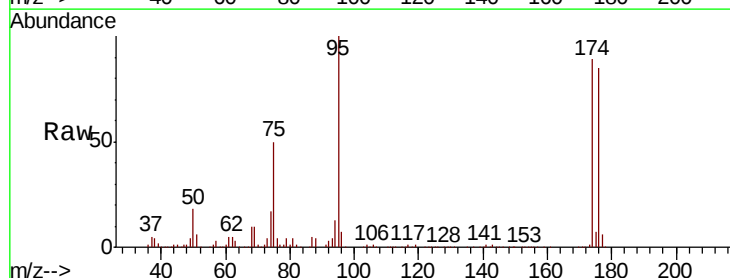
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0597DL

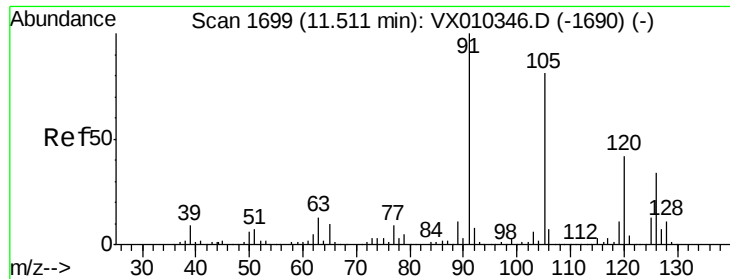
Tot Ion:105 Resp: 107850
 Ion Ratio Lower Upper
 105 100
 120 49.7 25.2 75.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.443 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX010891.D
 Acq: 15 Jul 2019 17:47

Tgt Ion: 75 Resp: 78055
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.1 99.1#
 89 0.0 37.8 56.6#

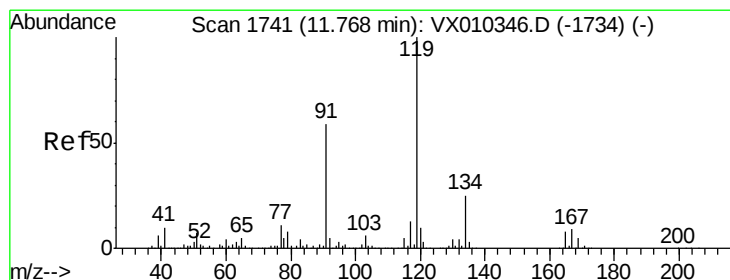
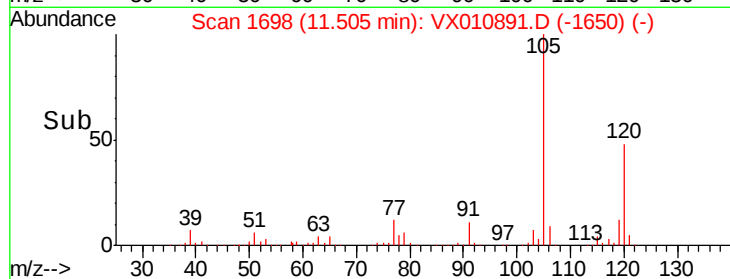
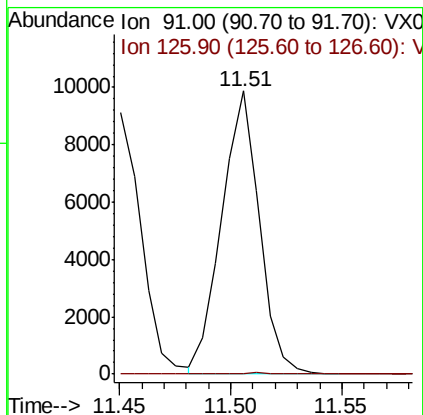
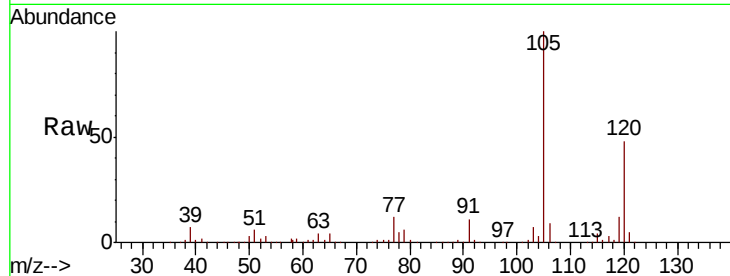




#82
4-Chlorotoluene
Concen: 1.418 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX010891.D
Acq: 15 Jul 2019 17:47

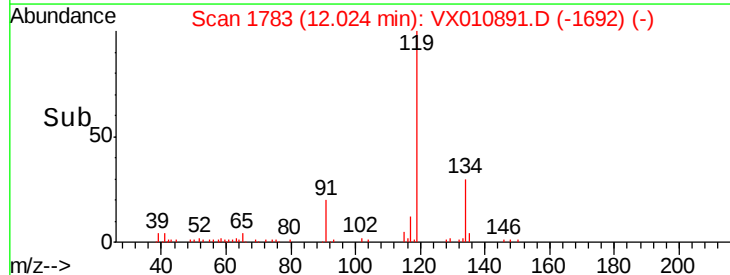
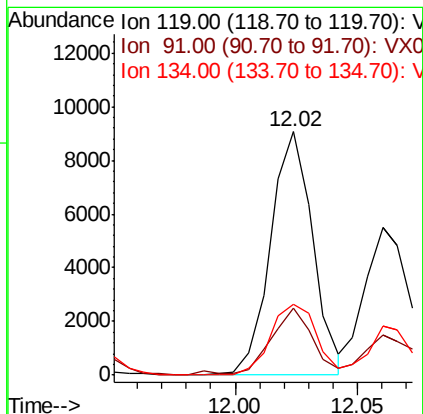
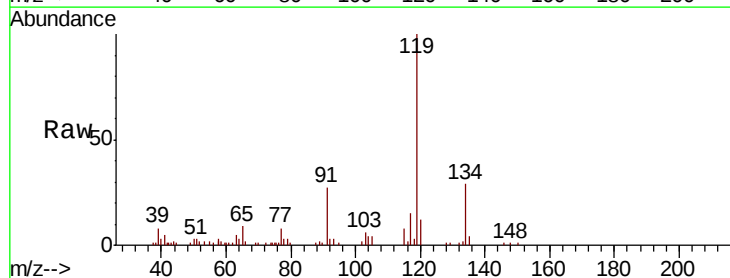
Instrument :
MSVOA_X
ClientSampled :
FL-0597DL

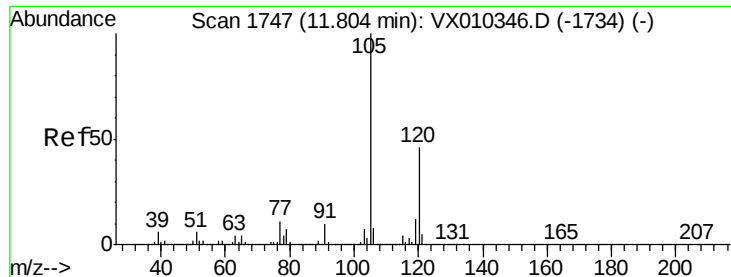
Tot Ion: 91 Resp: 11644
Ion Ratio Lower Upper
91 100
126 0.2 16.2 48.6#



#83
tert-Butylbenzene
Concen: 1.191 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. 0.26 min
Lab File: VX010891.D
Acq: 15 Jul 2019 17:47

Tgt Ion: 119 Resp: 10862
Ion Ratio Lower Upper
119 100
91 27.7 27.6 82.7
134 31.6 11.8 35.4





#84

1,2,4-Trimethylbenzene

Concen: 34.835 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010891.D

Acq: 15 Jul 2019 17:47

Instrument :

MSVOA_X

ClientSampleId :

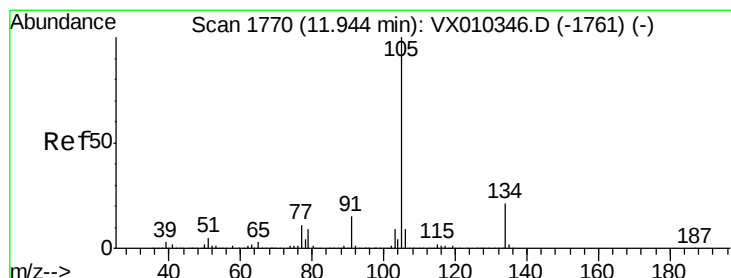
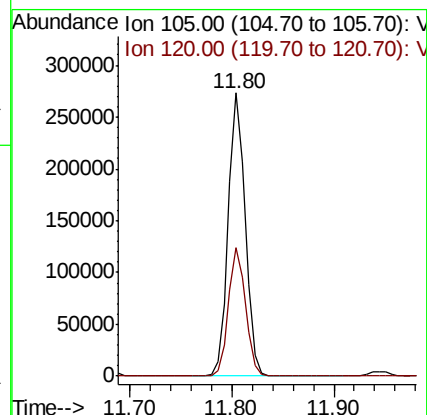
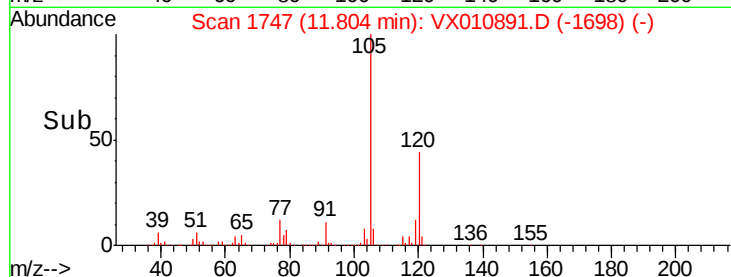
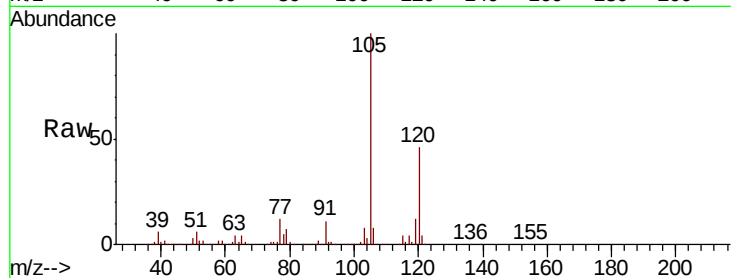
FL-0597DL

Tot Ion:105 Resp: 318084

Ion Ratio Lower Upper

105 100

120 45.7 23.1 69.2



#85

sec-Butylbenzene

Concen: 29.698 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.14 min

Lab File: VX010891.D

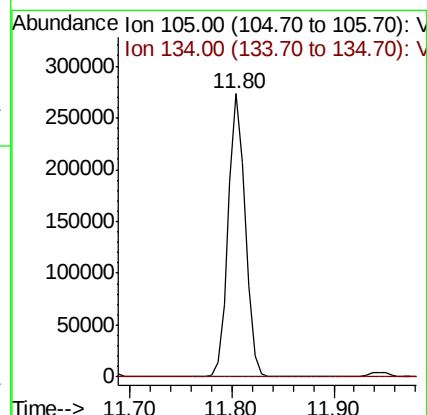
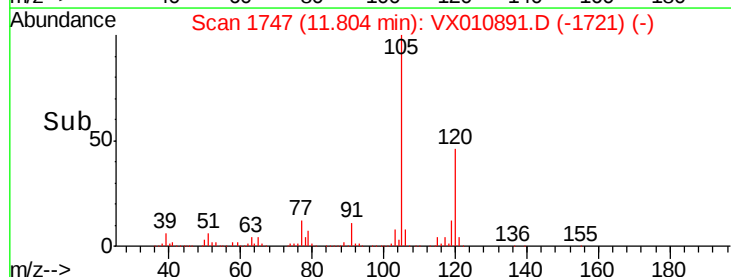
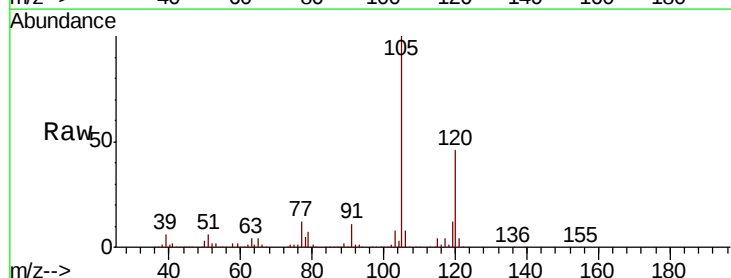
Acq: 15 Jul 2019 17:47

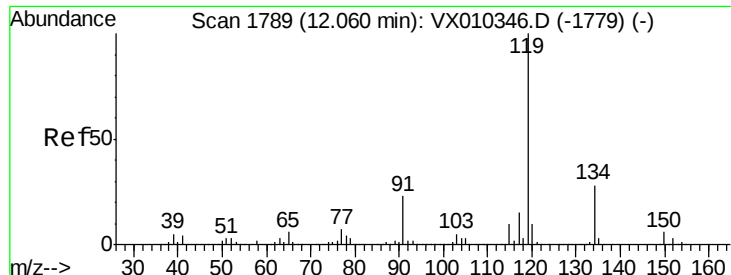
Tgt Ion:105 Resp: 318084

Ion Ratio Lower Upper

105 100

134 0.0 10.7 31.9#

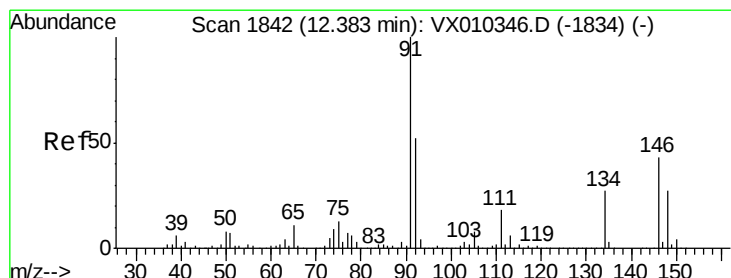
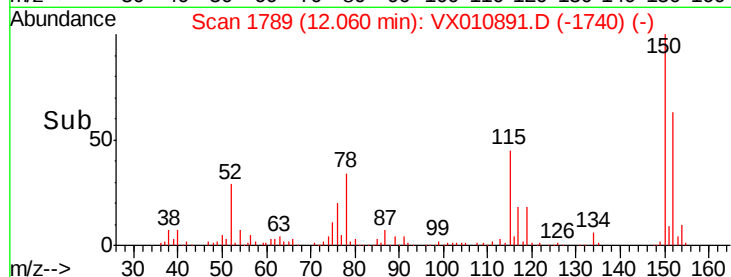
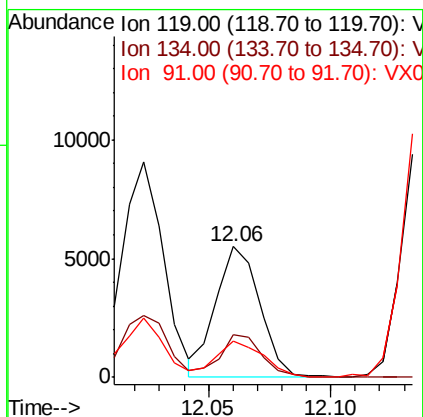
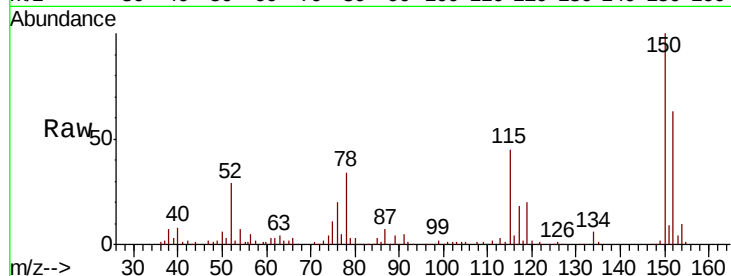




#86
p-Isopropyltoluene
Concen: 0.698 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX010891.D
Acq: 15 Jul 2019 17:47

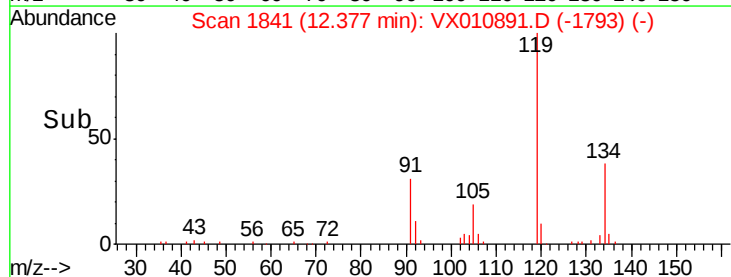
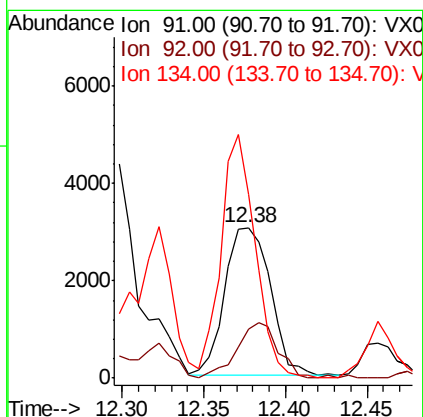
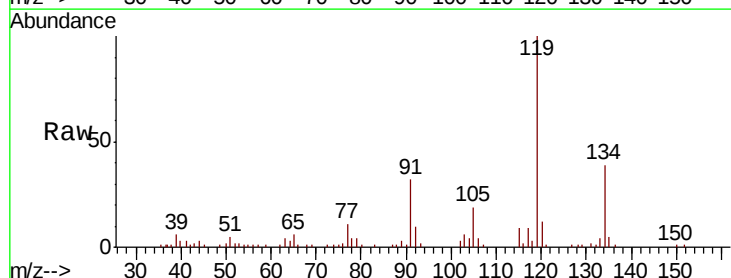
Instrument :
MSVOA_X
ClientSampled :
FL-0597DL

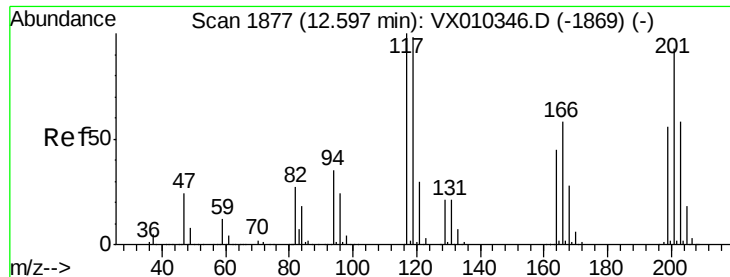
Tot Ion:119 Resp: 6918
Ion Ratio Lower Upper
119 100
134 31.0 13.7 41.1
91 29.3 11.3 33.8



#89
n-Butylbenzene
Concen: 0.706 ug/l
RT: 12.38 min Scan# 1841
Delta R.T. -0.01 min
Lab File: VX010891.D
Acq: 15 Jul 2019 17:47

Tgt Ion: 91 Resp: 5941
Ion Ratio Lower Upper
91 100
92 33.3 26.2 78.5
134 123.6 14.1 42.4#





#90

Hexachloroethane

Concen: 0.731 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX010891.D

Acq: 15 Jul 2019 17:47

Instrument :

MSVOA_X

ClientSampleId :

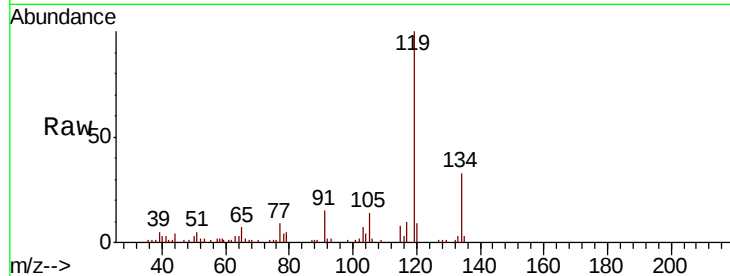
FL-0597DL

Tot Ion:117 Resp: 1253

Ion Ratio Lower Upper

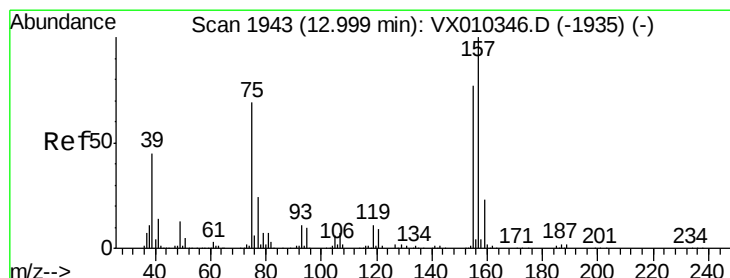
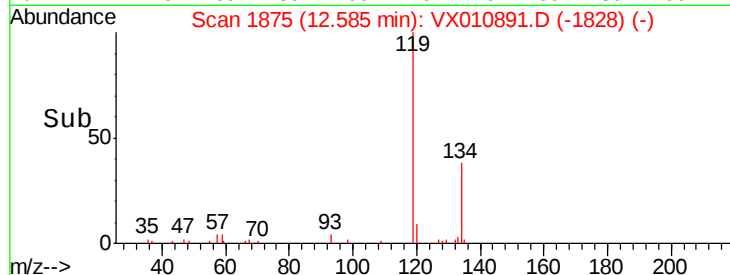
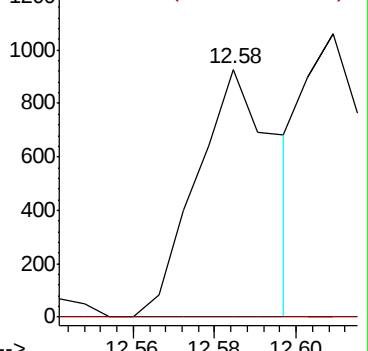
117 100

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: 0.255 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX010891.D

Acq: 15 Jul 2019 17:47

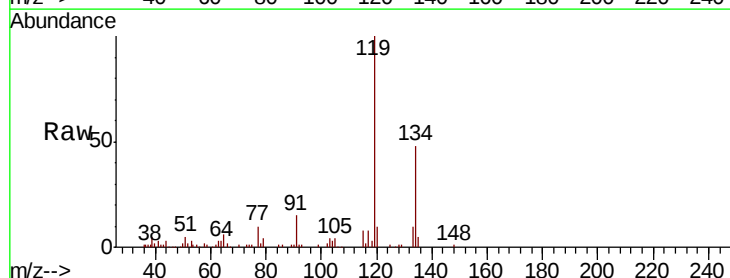
Tgt Ion: 75 Resp: 201

Ion Ratio Lower Upper

75 100

155 0.0 54.4 163.1#

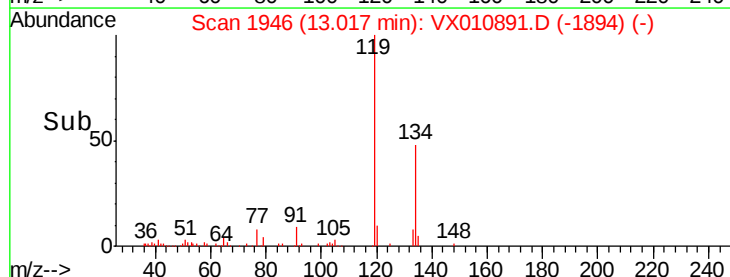
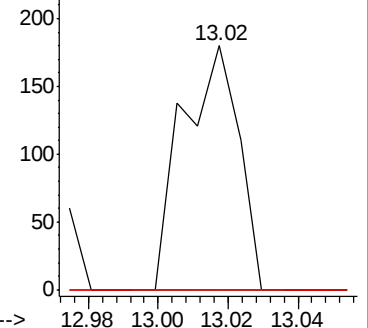
157 0.0 69.5 208.3#

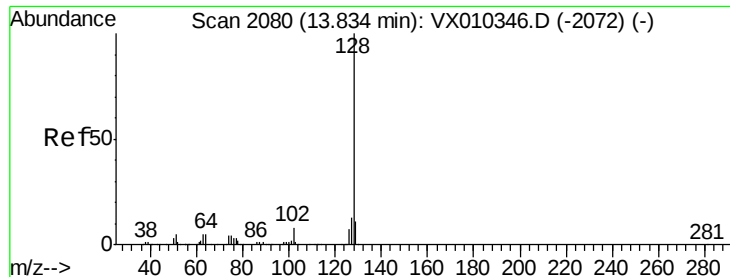


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

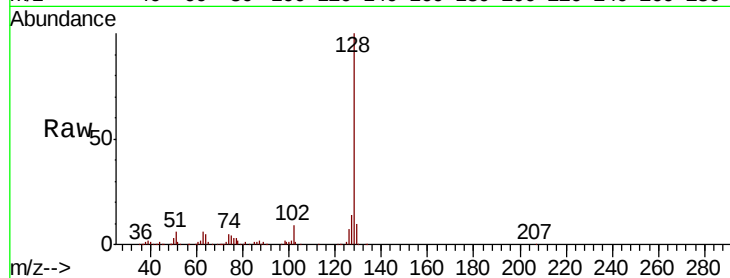




#95
Naphthalene
Concen: 4.423 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010891.D
Acq: 15 Jul 2019 17:47

Instrument :
MSVOA_X
ClientSampleId :
FL-0597DL

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.2	15.4
129	11.5	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

