

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070819\
 Data File : VX010700.D
 Acq On : 08 Jul 2019 16:59
 Operator : JC/SP
 Sample : K3664-01DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0582DL

Quant Time: Jul 09 01:10:11 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	225500	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	343779	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	326152	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	161171	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	111225	52.61	ug/l	0.00
Spiked Amount			Recovery	=	105.22%	
35) Dibromofluoromethane	5.49	113	103720	49.31	ug/l	0.00
Spiked Amount			Recovery	=	98.62%	
50) Toluene-d8	8.71	98	415304	51.61	ug/l	0.00
Spiked Amount			Recovery	=	103.22%	
62) 4-Bromofluorobenzene	11.13	95	147859	50.89	ug/l	0.00
Spiked Amount			Recovery	=	101.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	787	0.808	ug/l #	59
11) Tert butyl alcohol	3.03	59	697	1.260	ug/l #	74
13) Acrolein	2.28	56	393	1.071	ug/l	98
15) Acrylonitrile	3.16	53	1469	1.341	ug/l #	40
16) Acetone	2.45	43	1274	1.202	ug/l	92
18) Methyl Acetate	2.84	43	9605	4.548	ug/l #	49
20) Methylene Chloride	2.85	84	1021	0.468	ug/l #	52
29) Tetrahydrofuran	5.15	42	471	0.489	ug/l #	36
31) Cyclohexane	5.57	56	59184	19.379	ug/l	96
36) 1,1-Dichloropropene	5.65	75	14181	5.191	ug/l #	38
38) Carbon Tetrachloride	5.66	117	20368	6.885	ug/l #	14
39) Methylcyclohexane	7.46	83	88631	24.682	ug/l	98
40) Benzene	6.13	78	57237	6.725	ug/l	97
43) Isopropyl Acetate	6.46	43	995	0.214	ug/l #	65
45) 1,2-Dichloropropane	7.46	63	1091	0.508	ug/l #	1
48) Methyl methacrylate	7.73	41	3809	1.762	ug/l #	60
49) 1,4-Dioxane	7.76	88	22	0.353	ug/l #	1
56) Ethyl methacrylate	9.16	69	761	0.217	ug/l #	17
67) Ethyl Benzene	10.25	91	267240	23.906	ug/l	98
68) m/p-Xylenes	10.35	106	40505	9.351	ug/l	99
73) Isopropylbenzene	11.02	105	81700	7.478	ug/l	100
76) 1,2,3-Trichloropropane	11.13	75	72357	24.637	ug/l #	34
78) n-propylbenzene	11.36	91	133749	11.139	ug/l	99
79) 2-Chlorotoluene	11.43	91	5890	0.824	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.51	105	25779	2.862	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.13	75	72357	57.475	ug/l #	16
82) 4-Chlorotoluene	11.43	91	5890	0.724	ug/l #	42
83) tert-Butylbenzene	11.77	119	1812	0.200	ug/l #	45
84) 1,2,4-Trimethylbenzene	11.80	105	474633	52.452	ug/l	98
85) sec-Butylbenzene	11.94	105	17556	1.654	ug/l	83
86) p-Isopropyltoluene	12.06	119	6890	0.702	ug/l	87
89) n-Butylbenzene	12.38	91	11659	1.398	ug/l #	45
90) Hexachloroethane	12.58	117	3734	2.200	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	13.01	75	579	0.742	ug/l #	1

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QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

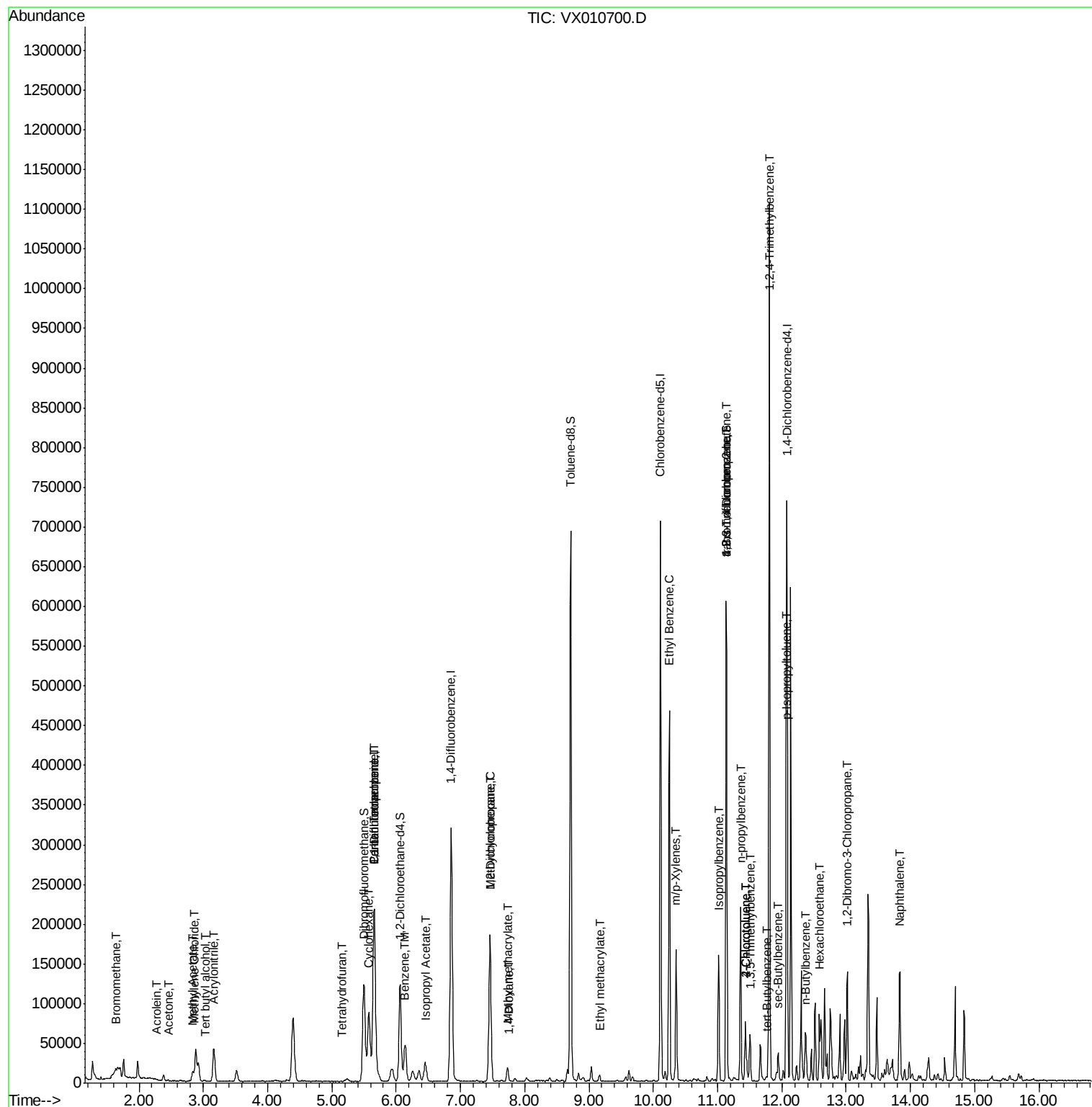
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	13.83	128	89232	7.911	ug/l	99

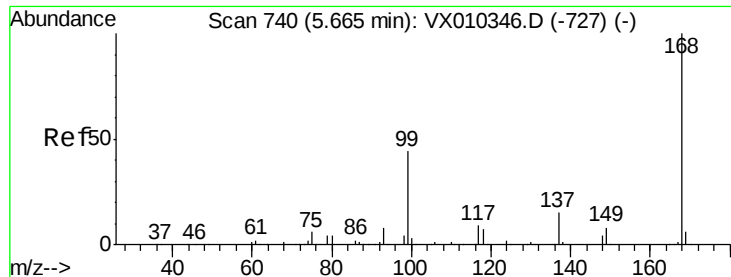
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VX010700.D

Acq: 08 Jul 2019 16:59

Instrument :

MSVOA_X

ClientSampleId :

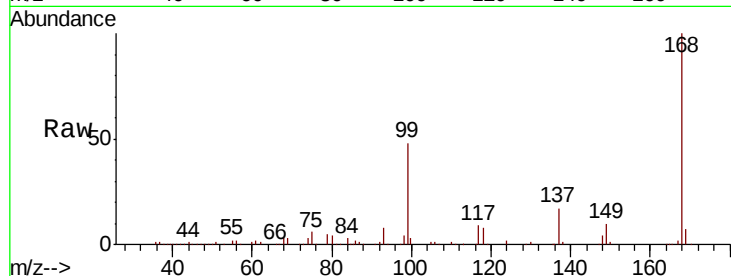
FL-0582DL

Tot Ion:168 Resp: 225500

Ion Ratio Lower Upper

168 100

99 48.1 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

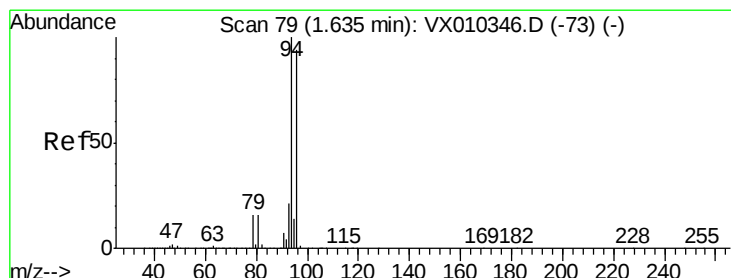
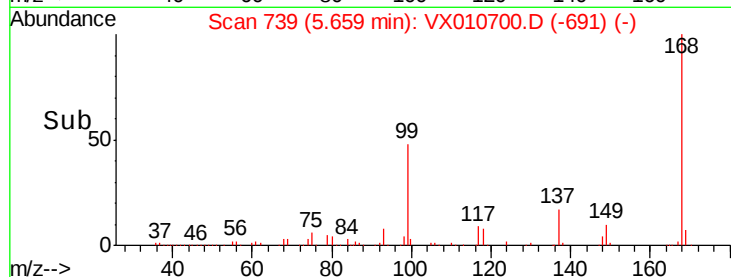
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.808 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010700.D

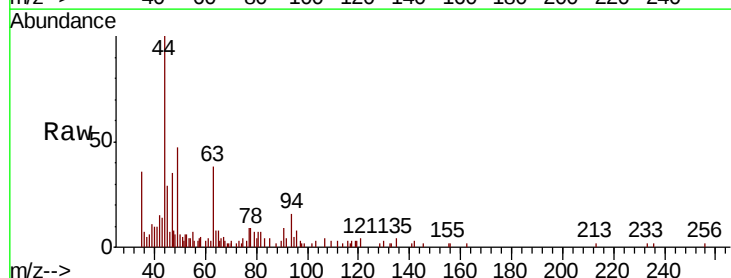
Acq: 08 Jul 2019 16:59

Tgt Ion: 94 Resp: 787

Ion Ratio Lower Upper

94 100

96 54.4 75.5 113.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

500

400

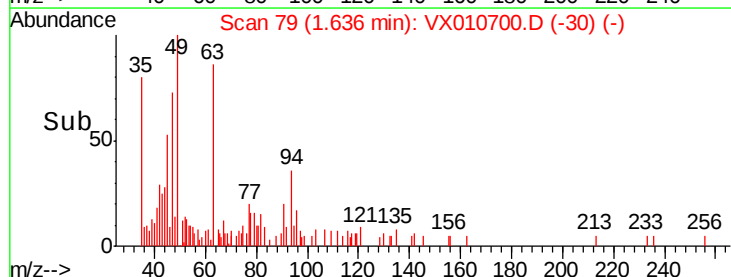
300

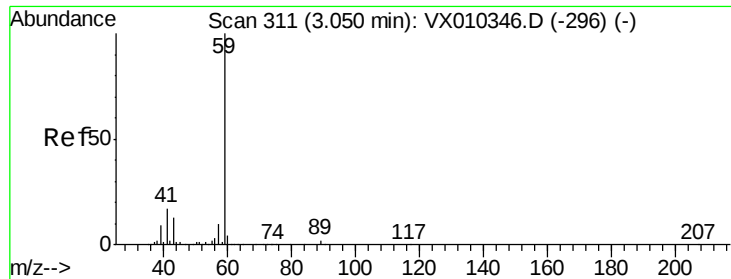
200

100

0

Time--> 1.60 1.65 1.70



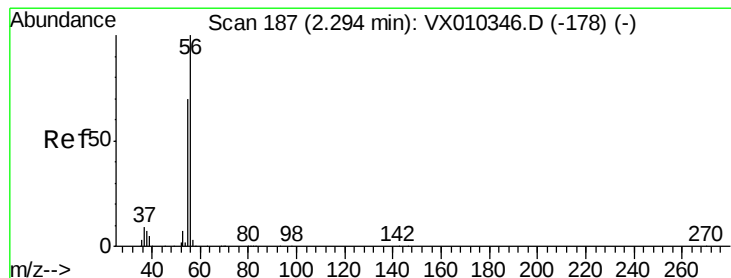
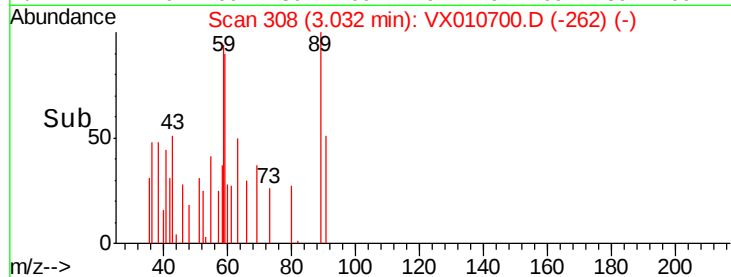
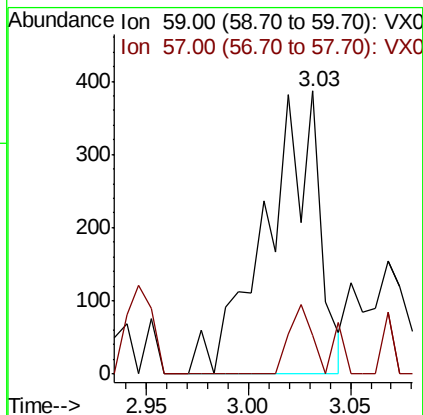
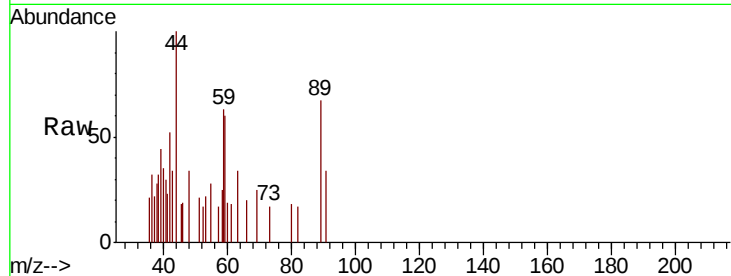


#11

Tert butyl alcohol
Concen: 1.260 ug/l
RT: 3.03 min Scan# 308
Delta R.T. -0.02 min
Lab File: VX010700.D
Acq: 08 Jul 2019 16:59

Instrument :
MSVOA_X
ClientSampleId :
FL-0582DL

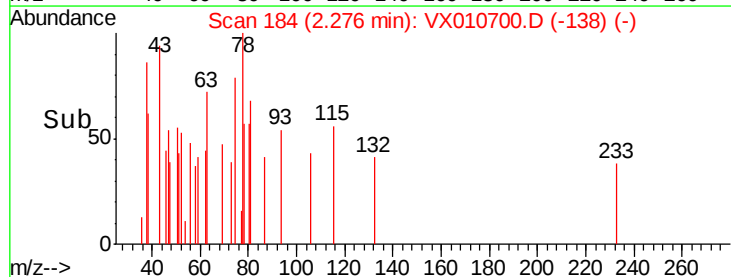
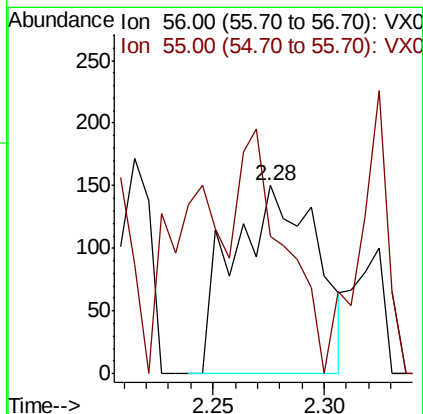
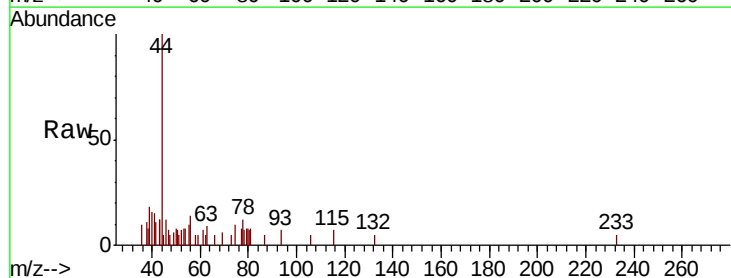
Tot Ion: 59 Resp: 697
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

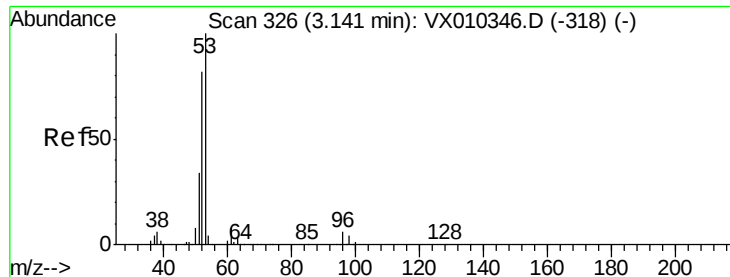


#13

Acrolein
Concen: 1.071 ug/l
RT: 2.28 min Scan# 184
Delta R.T. -0.02 min
Lab File: VX010700.D
Acq: 08 Jul 2019 16:59

Tgt Ion: 56 Resp: 393
Ion Ratio Lower Upper
56 100
55 69.2 56.9 85.3





#15

Acrylonitrile

Concen: 1.341 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.02 min

Lab File: VX010700.D

Acq: 08 Jul 2019 16:59

Instrument :

MSVOA_X

ClientSampleID :

FL-0582DL

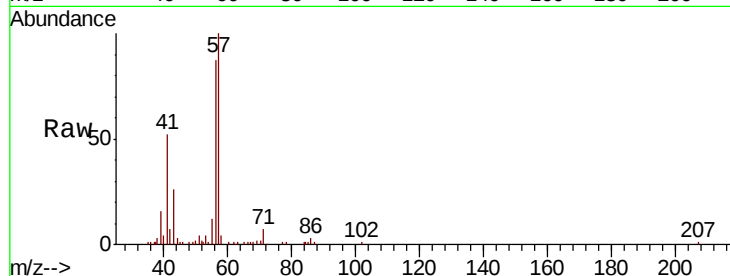
Tot Ion: 53 Resp: 1469

Ion Ratio Lower Upper

53 100

52 32.8 65.5 98.3#

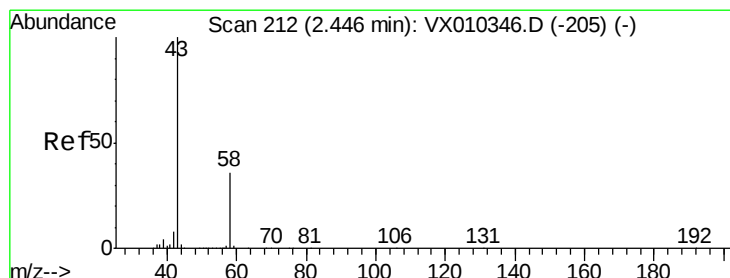
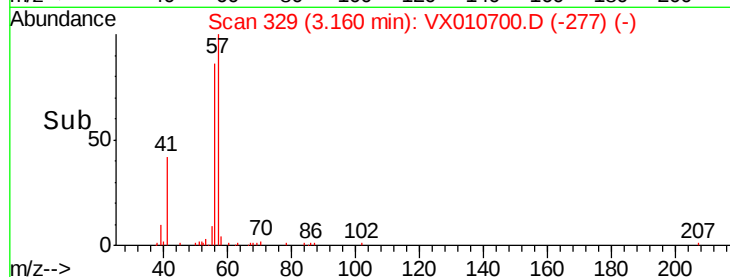
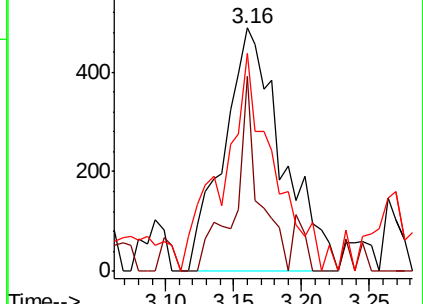
51 77.3 28.2 42.4#



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: 1.202 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX010700.D

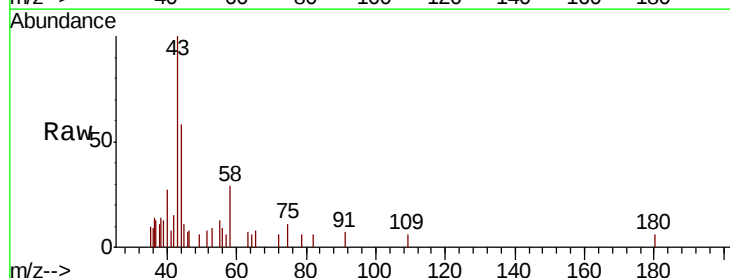
Acq: 08 Jul 2019 16:59

Tgt Ion: 43 Resp: 1274

Ion Ratio Lower Upper

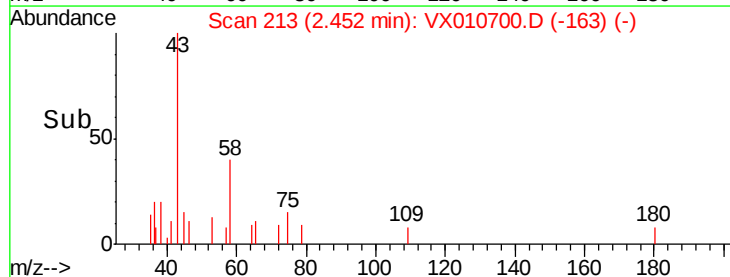
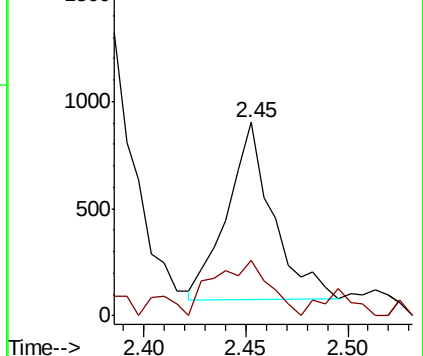
43 100

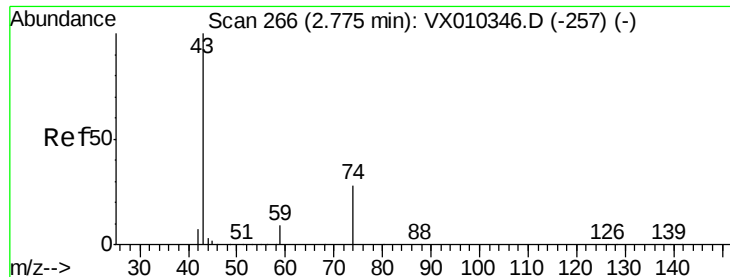
58 31.6 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#18

Methyl Acetate

Concen: 4.548 ug/l

RT: 2.84 min Scan# 276

Delta R.T. 0.06 min

Lab File: VX010700.D

Acq: 08 Jul 2019 16:59

Instrument :

MSVOA_X

ClientSampled :

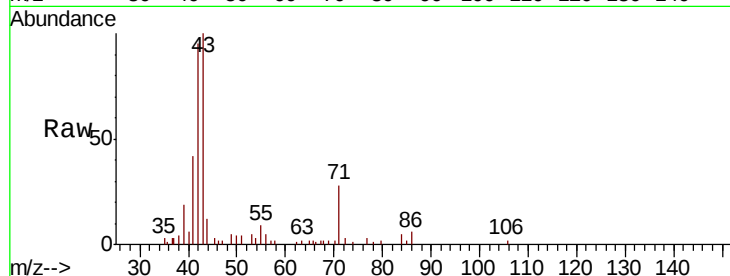
FL-0582DL

Tot Ion: 43 Resp: 9605

Ion Ratio Lower Upper

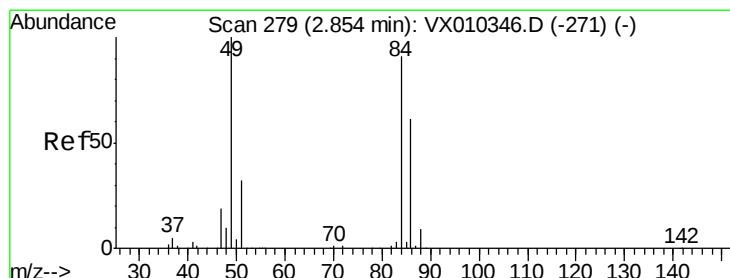
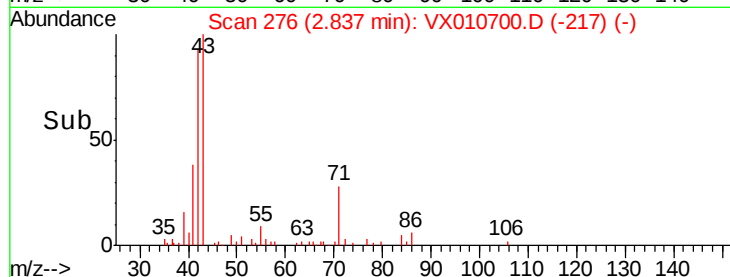
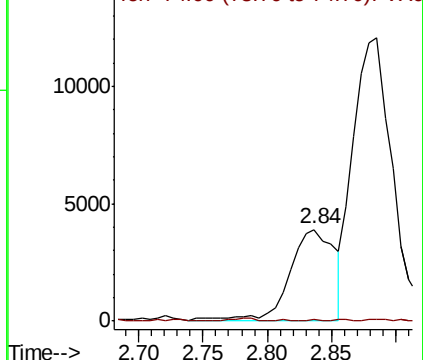
43 100

74 0.2 21.3 31.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



#20

Methylene Chloride

Concen: 0.468 ug/l

RT: 2.85 min Scan# 279

Delta R.T. 0.00 min

Lab File: VX010700.D

Acq: 08 Jul 2019 16:59

Tgt Ion: 84 Resp: 1021

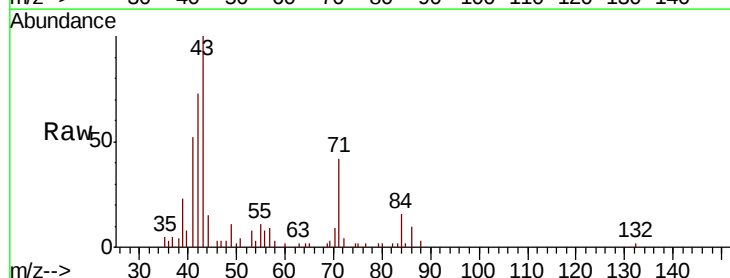
Ion Ratio Lower Upper

84 100

49 54.4 87.5 131.3#

51 0.0 27.7 41.5#

86 38.8 53.4 80.0#

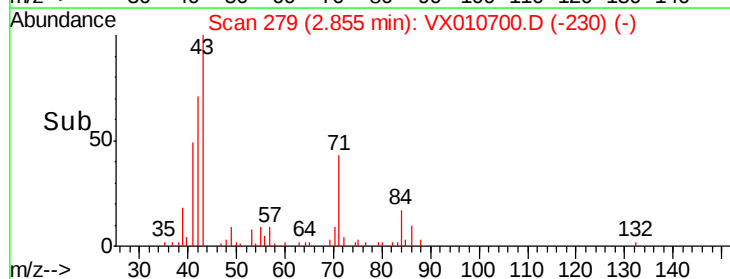
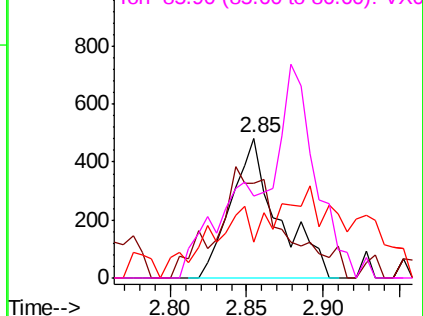


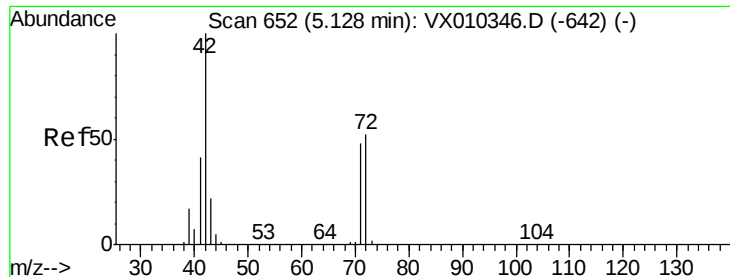
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#29

Tetrahydrofuran

Concen: 0.489 ug/l

RT: 5.15 min Scan# 655

Delta R.T. 0.02 min

Lab File: VX010700.D

Acq: 08 Jul 2019 16:59

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ClientSampleID :

FL-0582DL

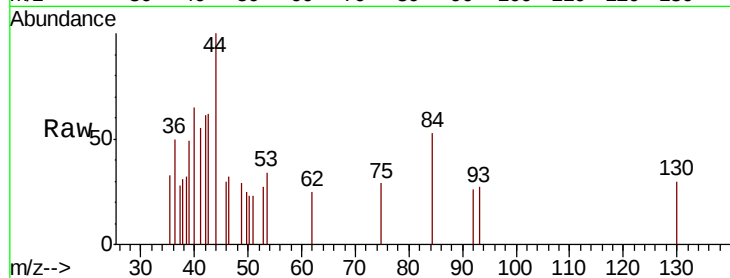
Tot Ion: 42 Resp: 471

Ion Ratio Lower Upper

42 100

72 0.0 40.6 60.8#

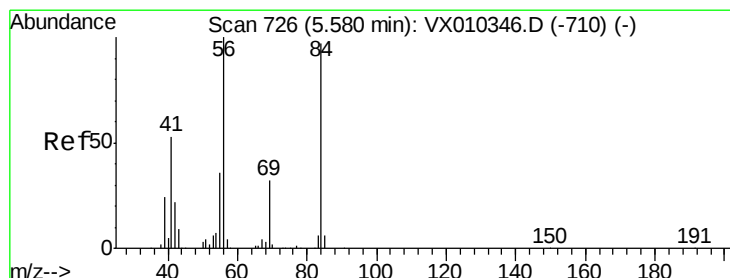
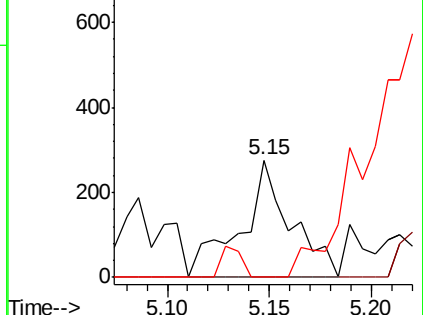
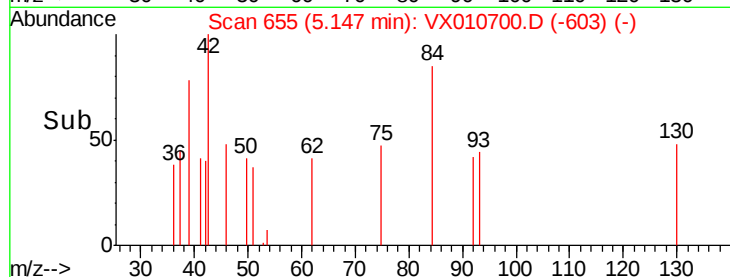
71 10.4 37.8 56.8#



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: 19.379 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX010700.D

Acq: 08 Jul 2019 16:59

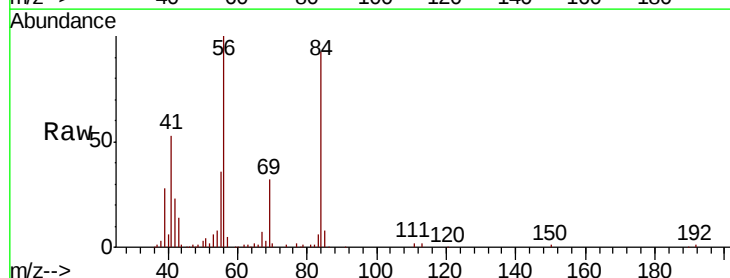
Tgt Ion: 56 Resp: 59184

Ion Ratio Lower Upper

56 100

69 31.6 25.9 38.9

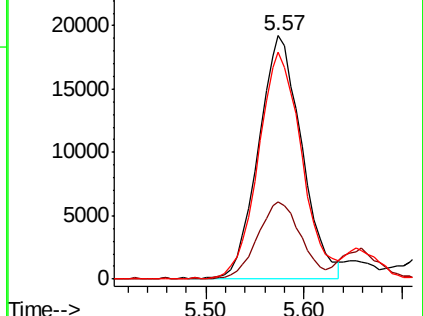
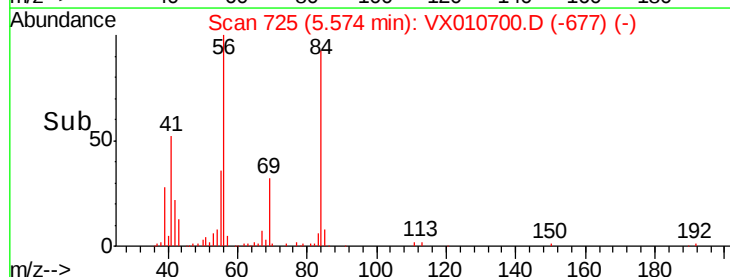
84 93.3 78.0 117.0

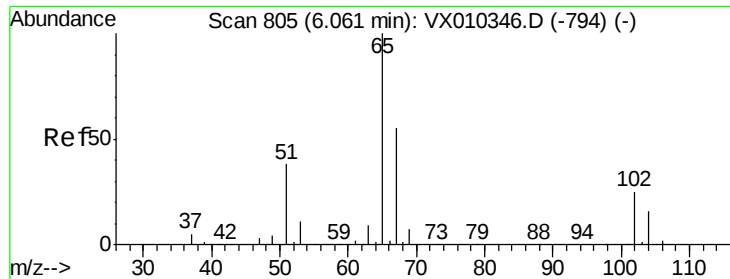


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 52.606 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010700.D

Acq: 08 Jul 2019 16:59

Instrument :

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ClientSampleId :

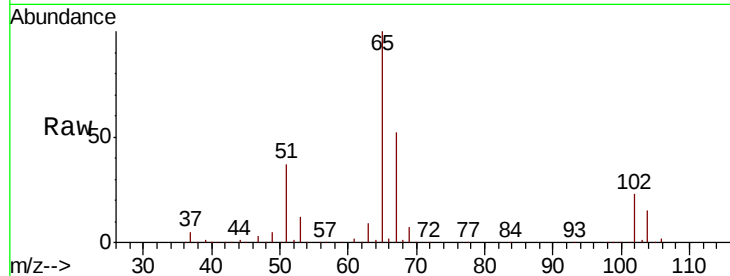
FL-0582DL

Tot Ion: 65 Resp: 111225

Ion Ratio Lower Upper

65 100

67 53.7 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

40000

30000

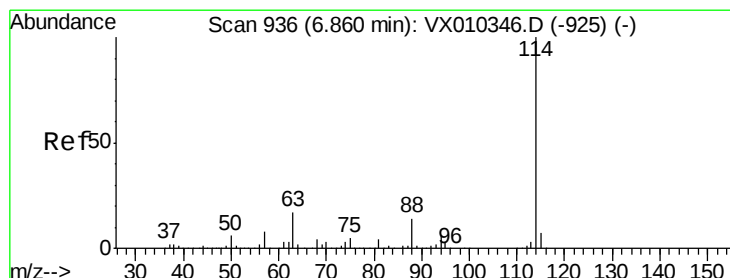
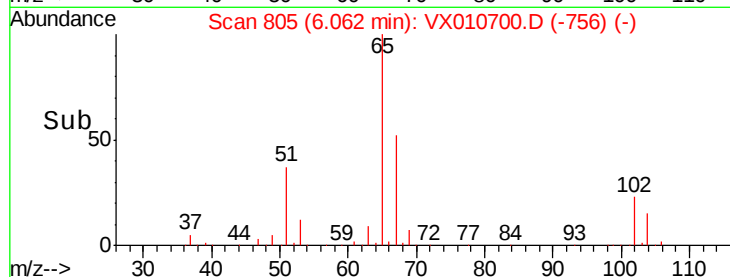
20000

10000

0

5.90 6.00 6.10 6.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010700.D

Acq: 08 Jul 2019 16:59

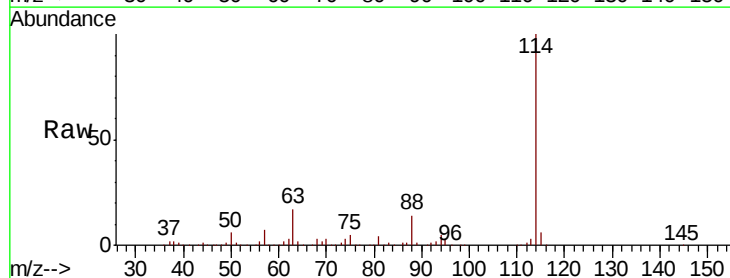
Tgt Ion: 114 Resp: 343779

Ion Ratio Lower Upper

114 100

63 17.0 0.0 33.8

88 14.0 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

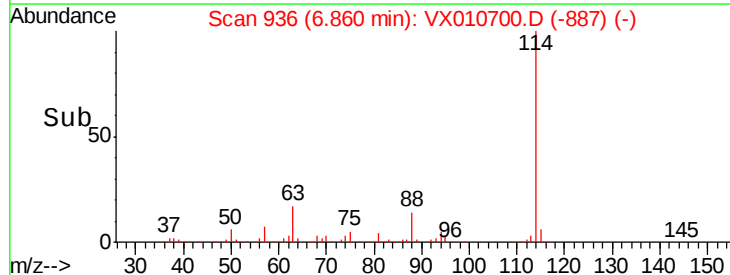
100000

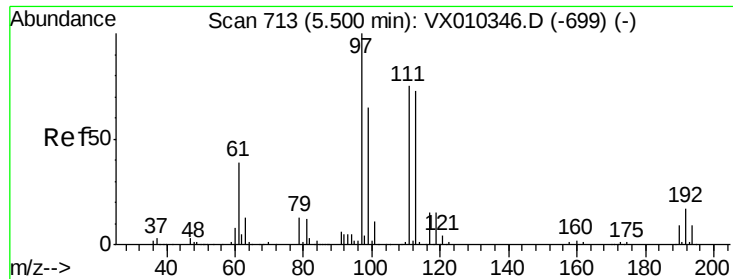
50000

0

6.70 6.80 6.90 7.00

Time-->

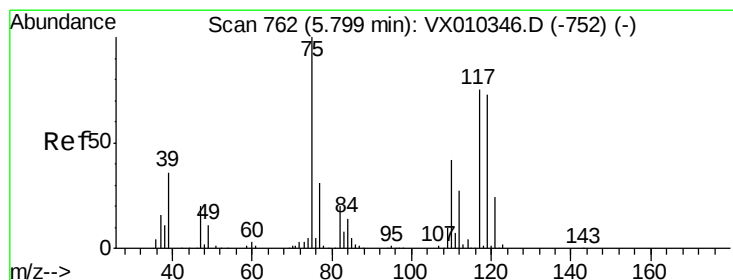
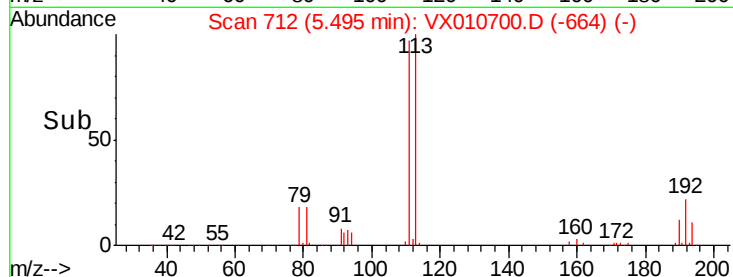
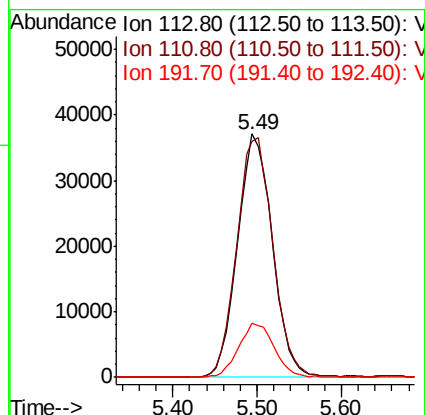
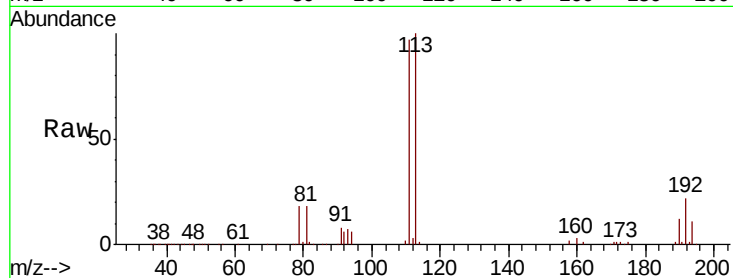




#35
 Dibromofluoromethane
 Concen: 49.311 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX010700.D
 Acq: 08 Jul 2019 16:59

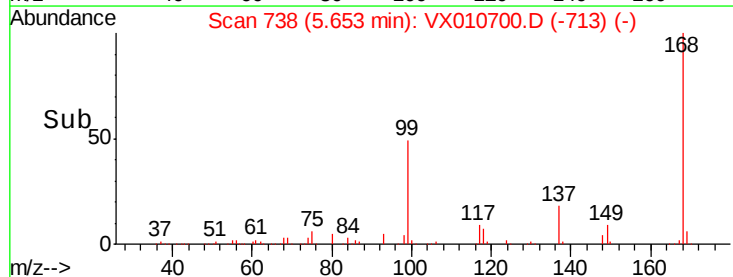
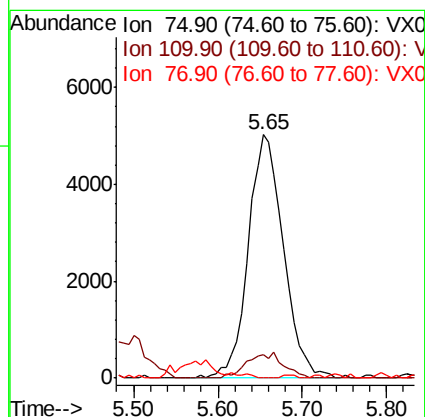
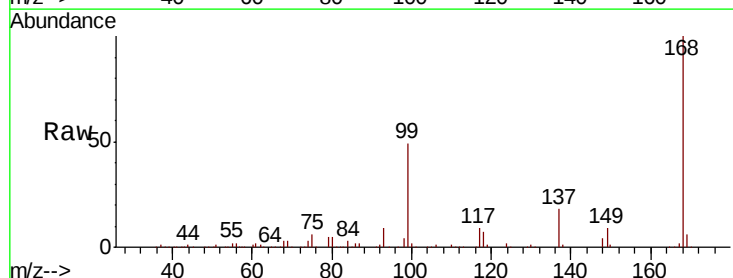
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0582DL

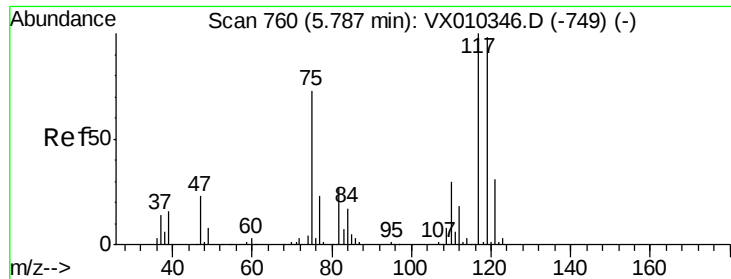
Tot Ion:113 Resp: 103720
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.2 121.8
 192 22.9 18.6 27.8



#36
 1,1-Dichloropropene
 Concen: 5.191 ug/l
 RT: 5.65 min Scan# 738
 Delta R.T. -0.15 min
 Lab File: VX010700.D
 Acq: 08 Jul 2019 16:59

Tgt Ion: 75 Resp: 14181
 Ion Ratio Lower Upper
 75 100
 110 0.0 20.8 62.2#
 77 0.0 25.4 38.0#

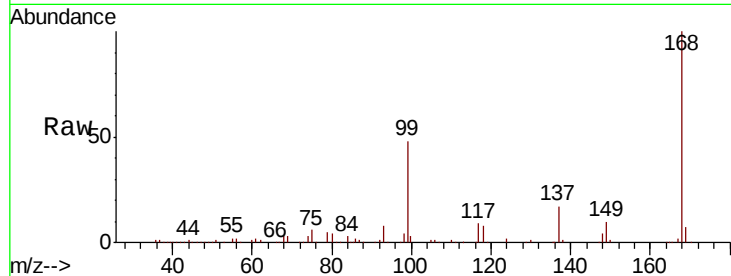




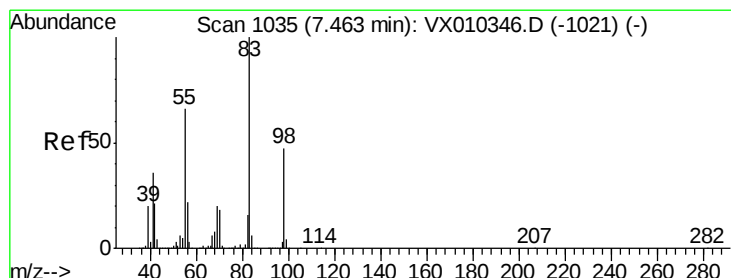
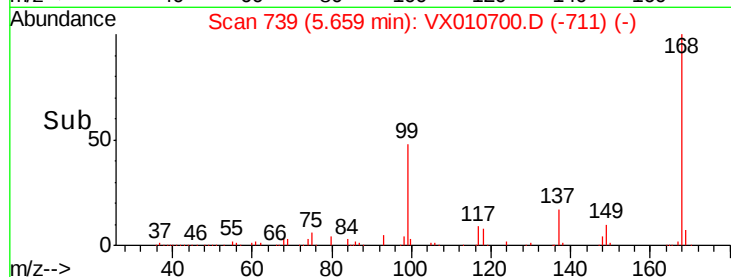
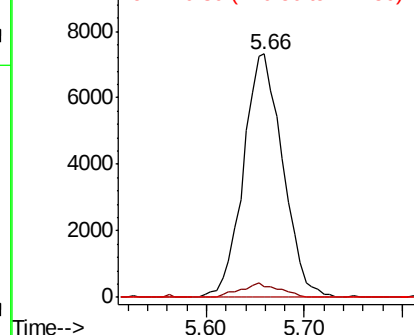
#38
Carbon Tetrachloride
Concen: 6.885 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.13 min
Lab File: VX010700.D
Acq: 08 Jul 2019 16:59

Instrument :
MSVOA_X
ClientSampled :
FL-0582DL

Tot Ion:117 Resp: 20368
Ion Ratio Lower Upper
117 100
119 4.2 78.2 117.4#
121 0.0 24.7 37.1#

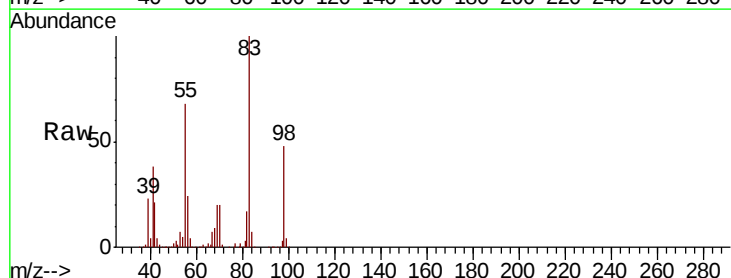


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

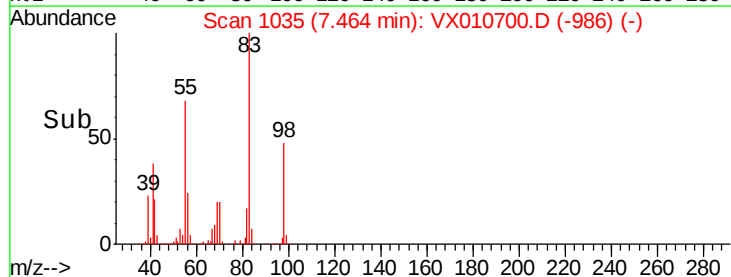
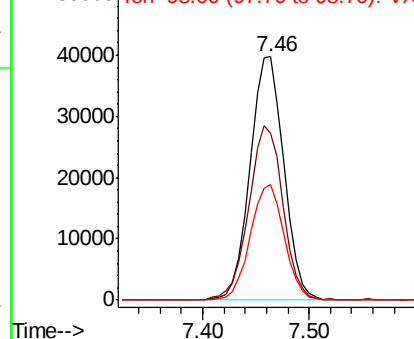


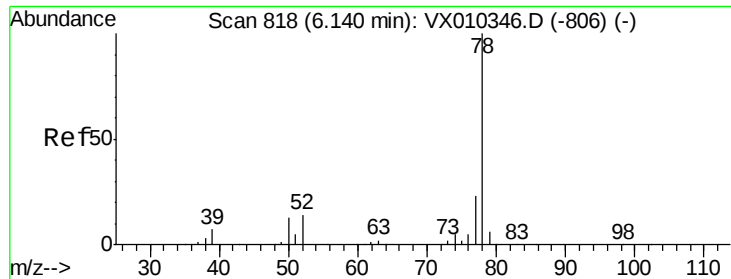
#39
Methylcyclohexane
Concen: 24.682 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010700.D
Acq: 08 Jul 2019 16:59

Tgt Ion: 83 Resp: 88631
Ion Ratio Lower Upper
83 100
55 68.4 53.0 79.6
98 47.7 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





#40

Benzene

Concen: 6.725 ug/l

RT: 6.13 min Scan# 817

Delta R.T. -0.01 min

Lab File: VX010700.D

Acq: 08 Jul 2019 16:59

Instrument :

MSVOA_X

ClientSampleId :

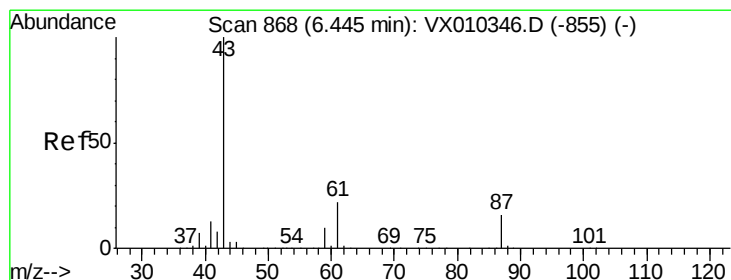
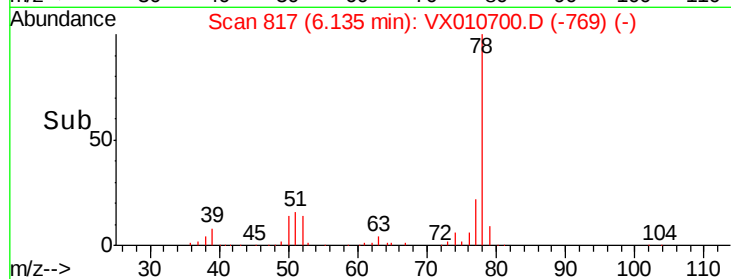
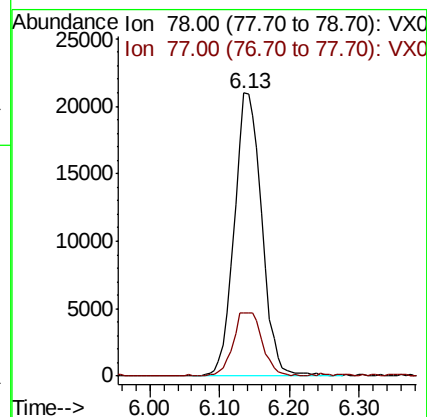
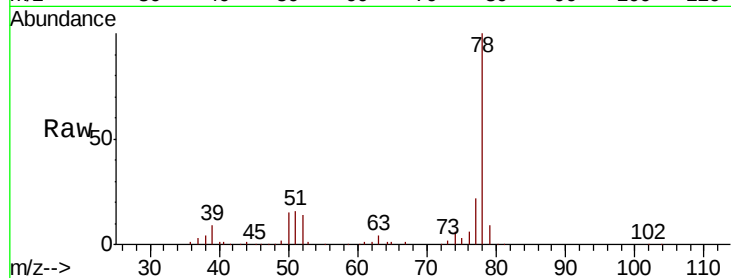
FL-0582DL

Tot Ion: 78 Resp: 57237

Ion Ratio Lower Upper

78 100

77 21.8 18.6 28.0



#43

Isopropyl Acetate

Concen: 0.214 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.02 min

Lab File: VX010700.D

Acq: 08 Jul 2019 16:59

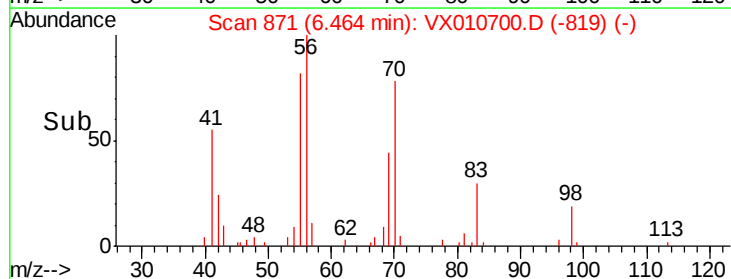
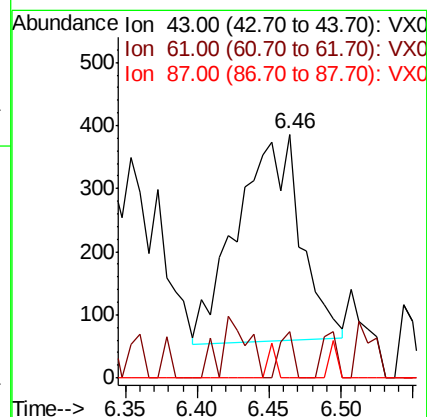
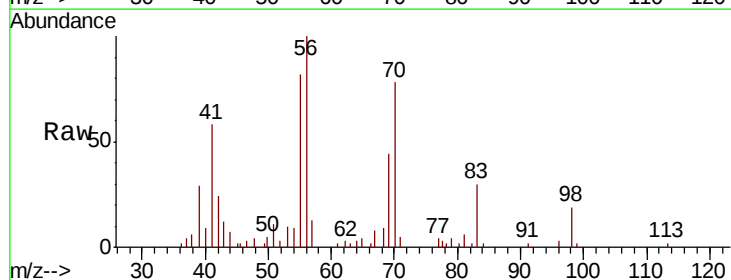
Tgt Ion: 43 Resp: 995

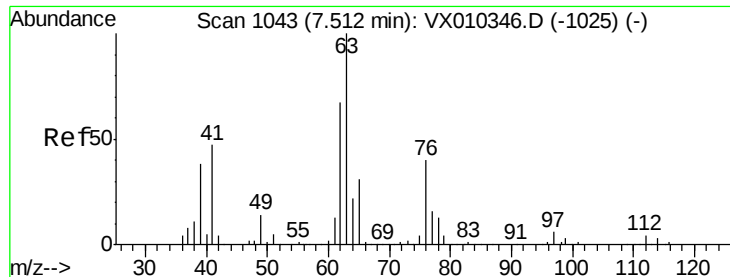
Ion Ratio Lower Upper

43 100

61 4.8 17.8 26.6#

87 2.0 13.0 19.4#





#45

1,2-Dichloropropane

Concen: 0.508 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.05 min

Lab File: VX010700.D

Acq: 08 Jul 2019 16:59

Instrument :

MSVOA_X

ClientSampled :

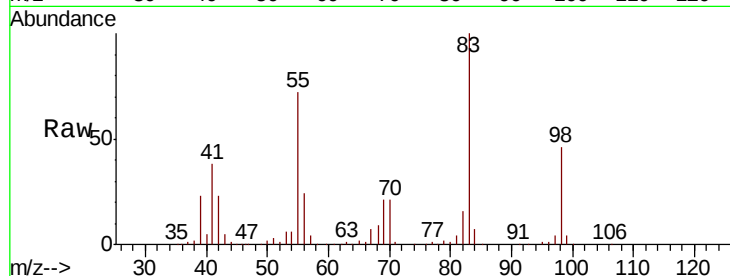
FL-0582DL

Tot Ion: 63 Resp: 1091

Ion Ratio Lower Upper

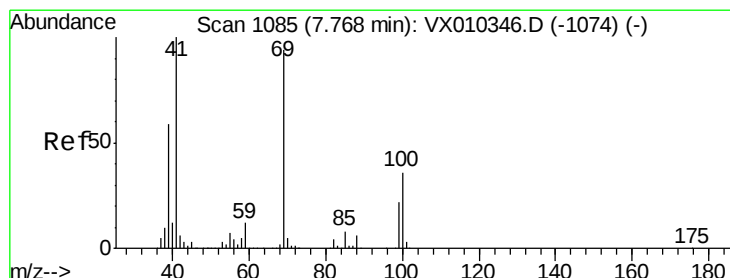
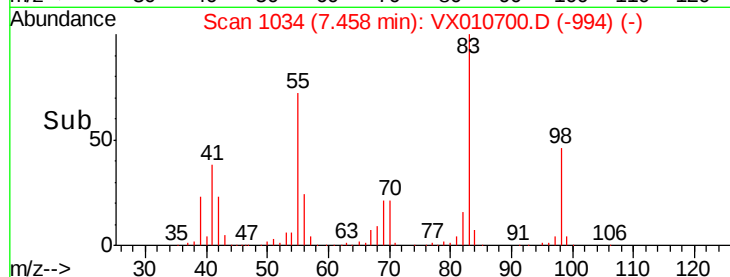
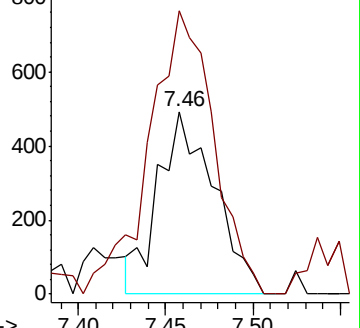
63 100

65 155.0 24.8 37.2#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#48

Methyl methacrylate

Concen: 1.762 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.04 min

Lab File: VX010700.D

Acq: 08 Jul 2019 16:59

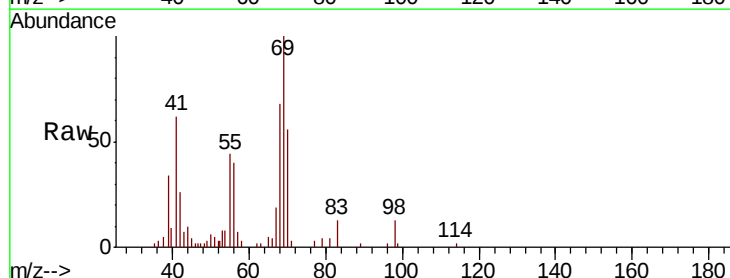
Tgt Ion: 41 Resp: 3809

Ion Ratio Lower Upper

41 100

69 158.5 76.1 114.1#

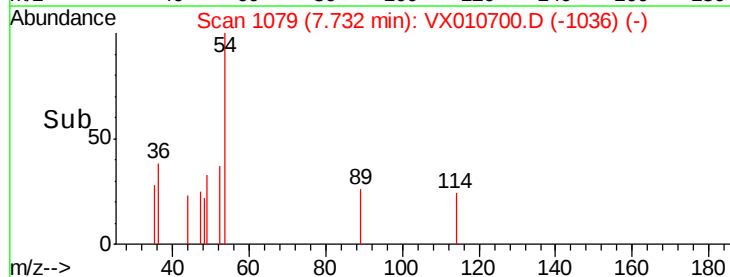
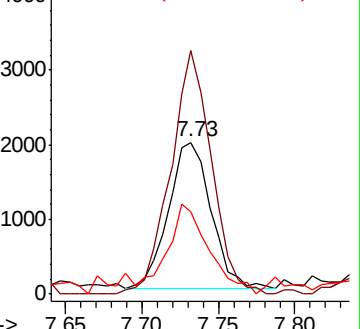
39 60.1 47.6 71.4

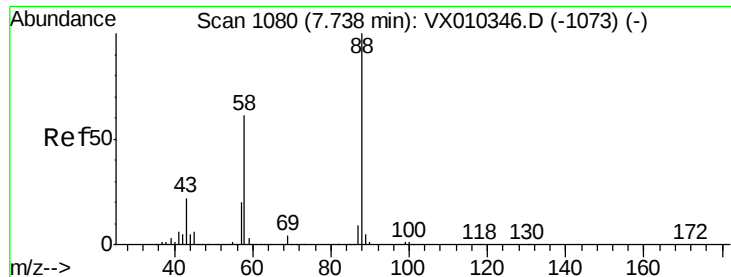


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

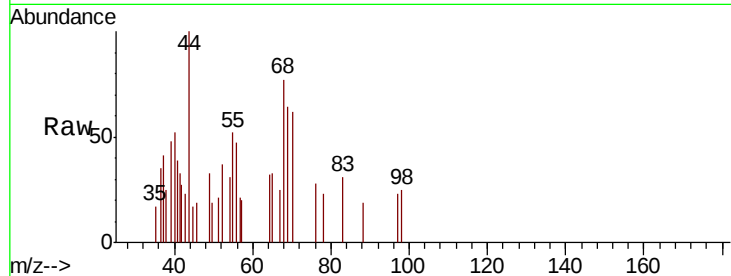




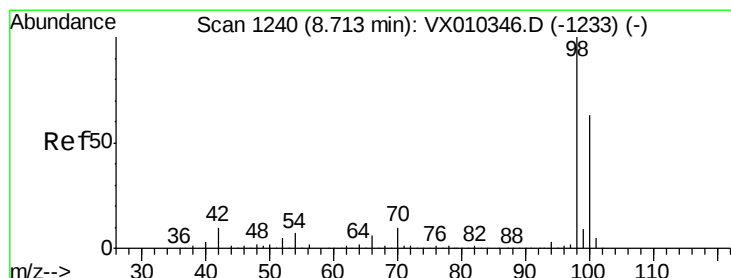
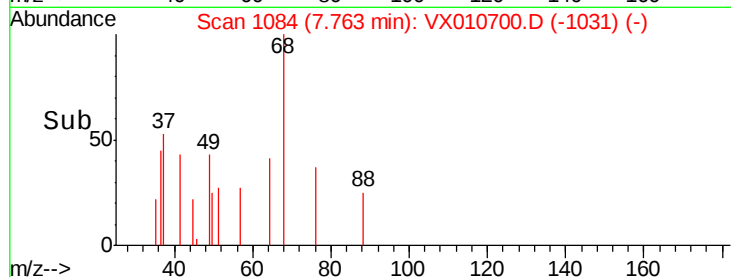
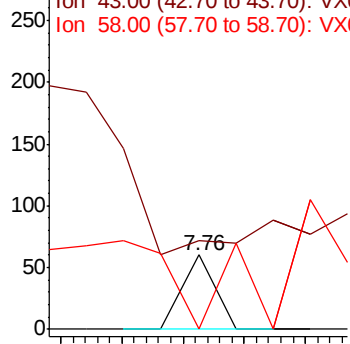
#49
1,4-Dioxane
Concen: 0.353 ug/l
RT: 7.76 min Scan# 1084
Delta R.T. 0.02 min
Lab File: VX010700.D
Acq: 08 Jul 2019 16:59

Instrument :
MSVOA_X
ClientSampleId :
FL-0582DL

Tot Ion: 88 Resp: 22
Ion Ratio Lower Upper
88 100
43 0.0 20.2 30.2#
58 381.8 49.5 74.3#

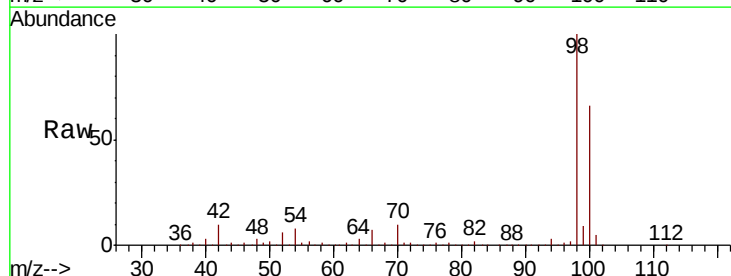


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

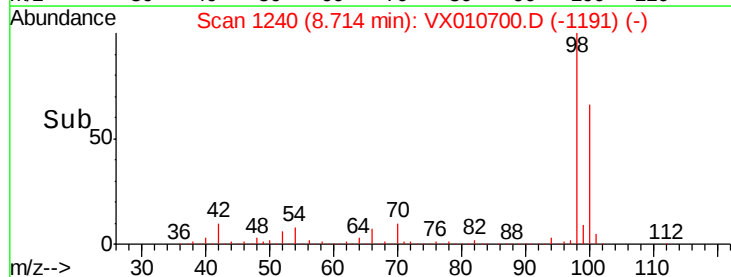
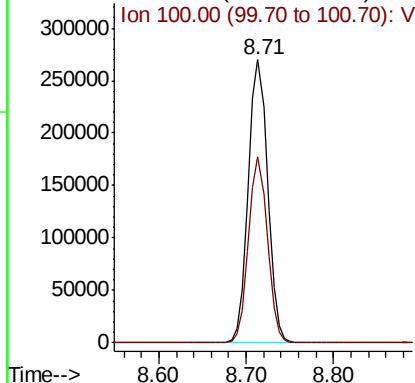


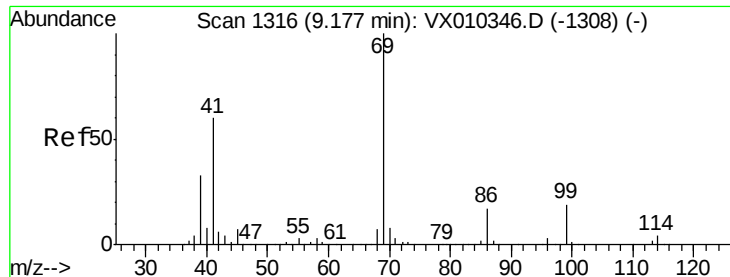
#50
Toluene-d8
Concen: 51.609 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010700.D
Acq: 08 Jul 2019 16:59

Tgt Ion: 98 Resp: 415304
Ion Ratio Lower Upper
98 100
100 64.3 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#56

Ethyl methacrylate

Concen: 0.217 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.01 min

Lab File: VX010700.D

Acq: 08 Jul 2019 16:59

Instrument :

MSVOA_X

ClientSampleID :

FL-0582DL

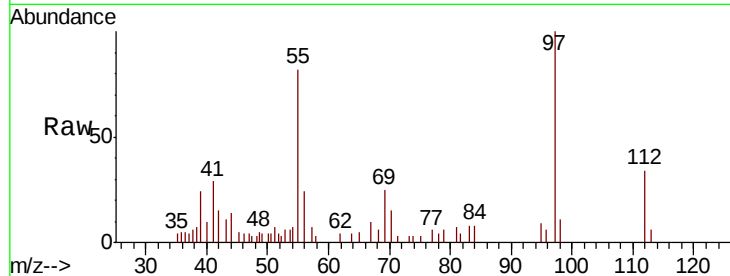
Tot Ion: 69 Resp: 761

Ion Ratio Lower Upper

69 100

41 129.0 47.1 70.7#

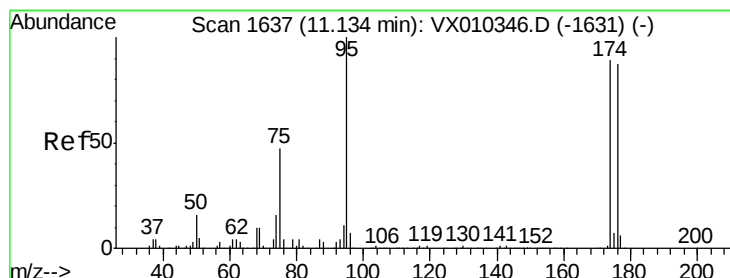
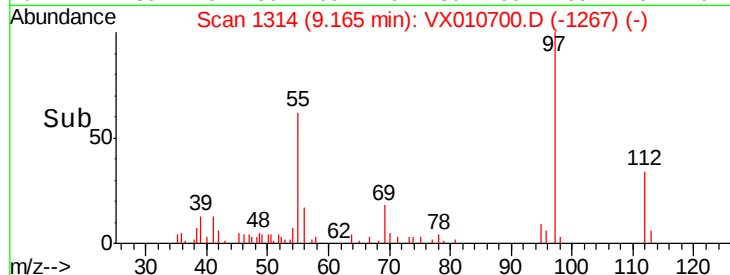
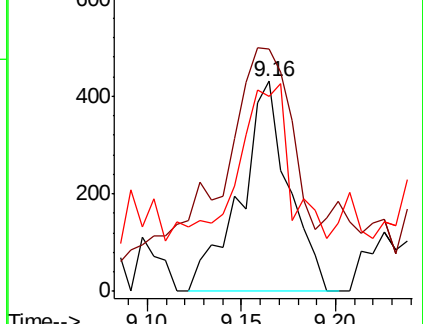
39 69.9 26.6 40.0#



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#62

4-Bromofluorobenzene

Concen: 50.894 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010700.D

Acq: 08 Jul 2019 16:59

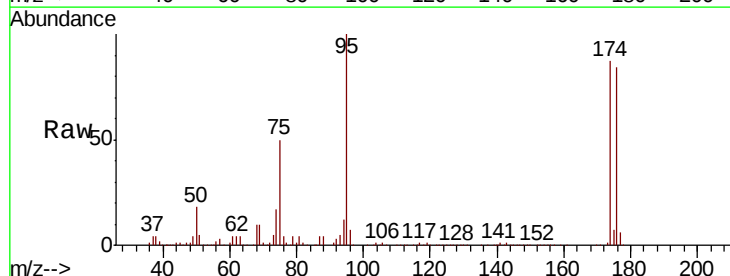
Tgt Ion: 95 Resp: 147859

Ion Ratio Lower Upper

95 100

174 93.5 0.0 187.6

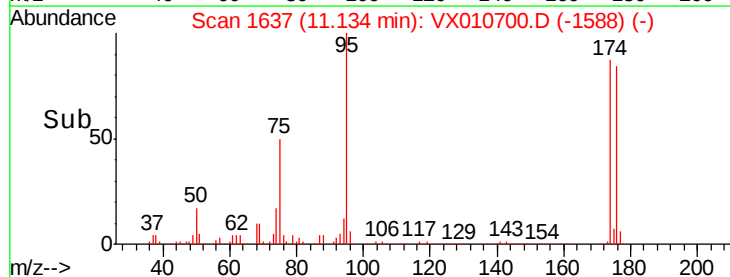
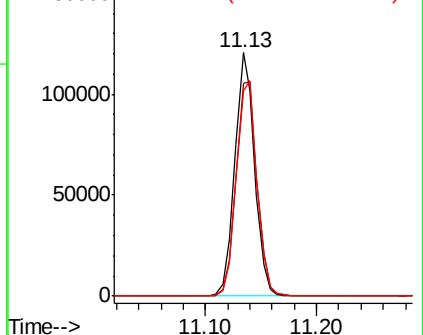
176 92.5 0.0 184.0

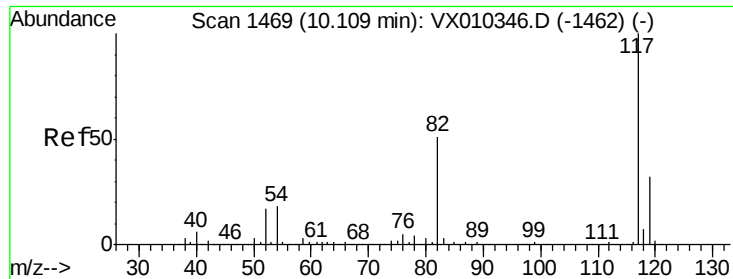


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

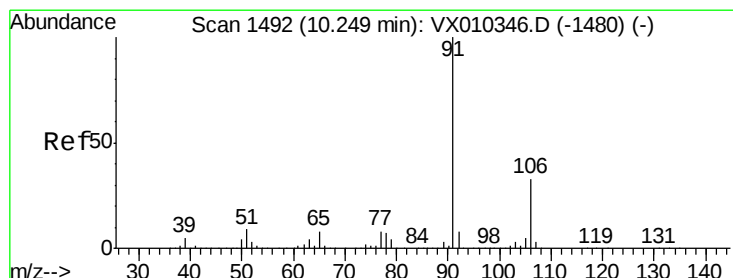
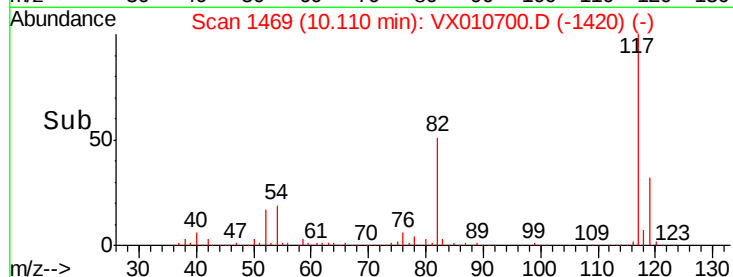
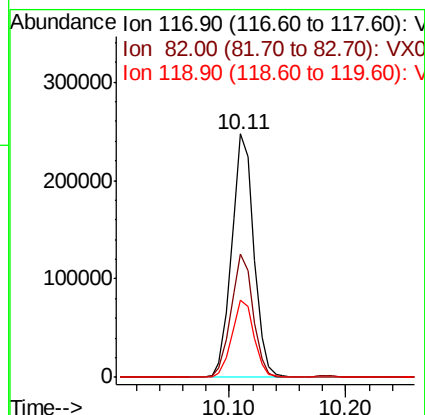
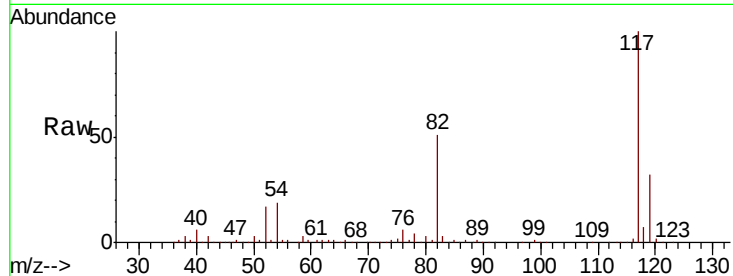




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010700.D
Acq: 08 Jul 2019 16:59

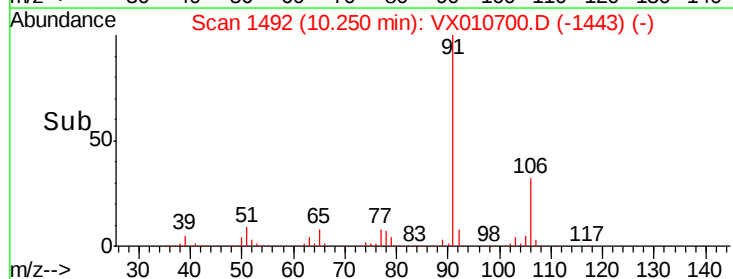
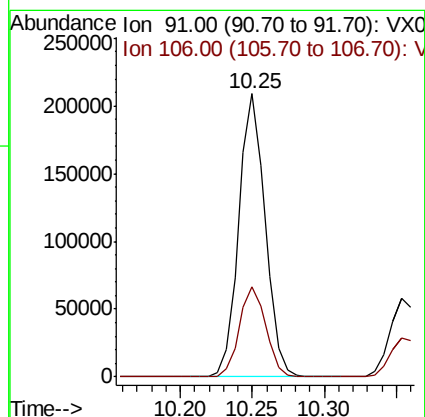
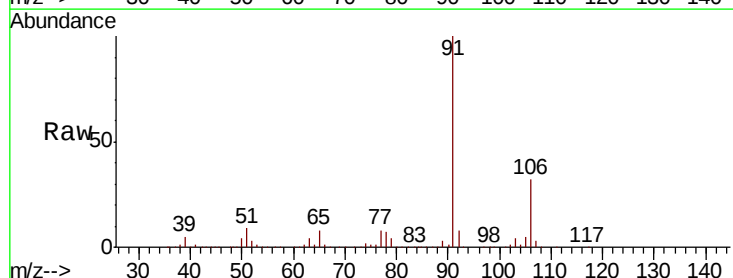
Instrument :
MSVOA_X
ClientSampleId :
FL-0582DL

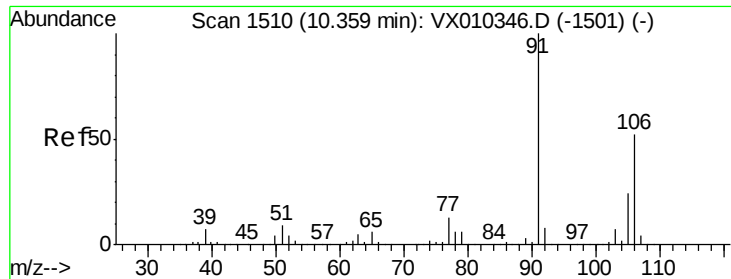
Tot Ion:117 Resp: 326152
Ion Ratio Lower Upper
117 100
82 50.8 41.2 61.8
119 31.9 25.5 38.3



#67
Ethyl Benzene
Concen: 23.906 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010700.D
Acq: 08 Jul 2019 16:59

Tgt Ion: 91 Resp: 267240
Ion Ratio Lower Upper
91 100
106 31.8 26.2 39.2

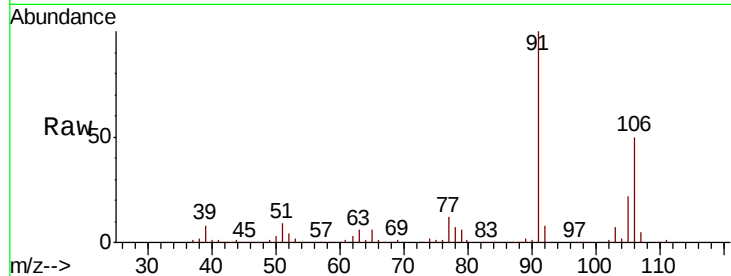




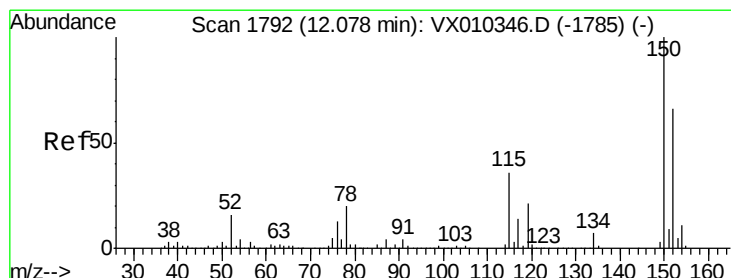
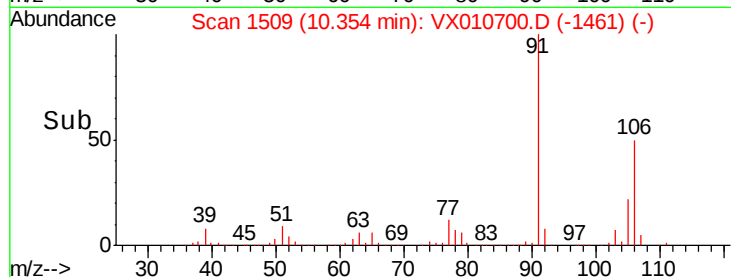
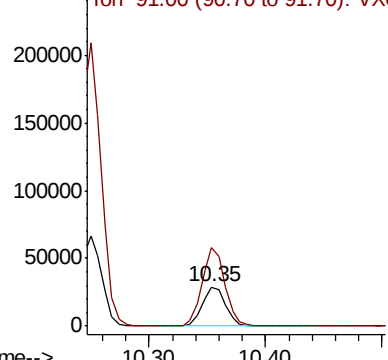
#68
m/p-Xvlenes
Concen: 9.351 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX010700.D
Acq: 08 Jul 2019 16:59

Instrument :
MSVOA_X
ClientSampleId :
FL-0582DL

Tot Ion:106 Resp: 40505
Ion Ratio Lower Upper
106 100
91 195.9 155.3 232.9

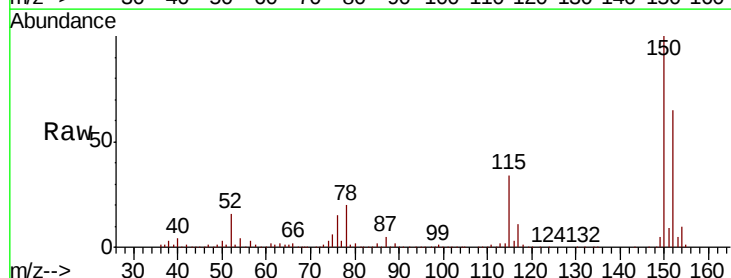


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

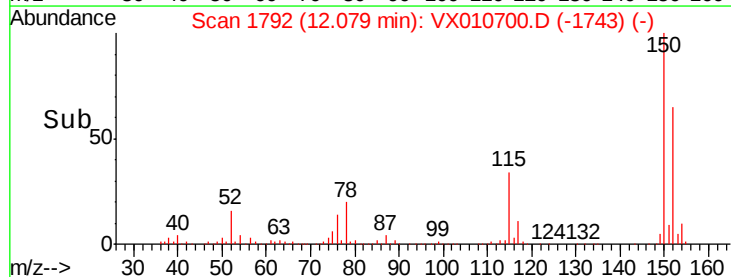
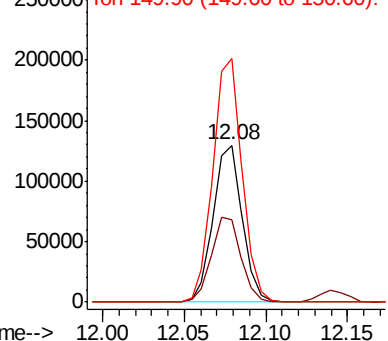


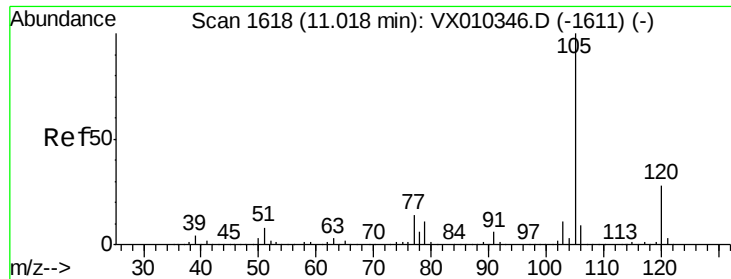
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010700.D
Acq: 08 Jul 2019 16:59

Tgt Ion:152 Resp: 161171
Ion Ratio Lower Upper
152 100
115 55.0 38.6 115.7
150 156.2 0.0 347.4



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





#73

Isopropylbenzene

Concen: 7.478 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010700.D

Acq: 08 Jul 2019 16:59

Instrument :

MSVOA_X

ClientSampleID :

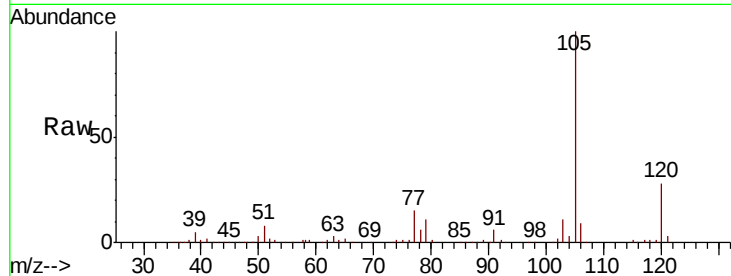
FL-0582DL

Tot Ion:105 Resp: 81700

Ion Ratio Lower Upper

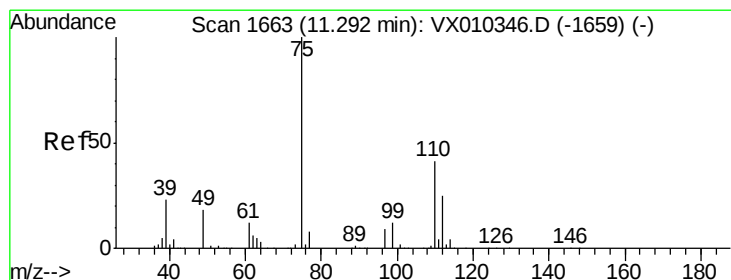
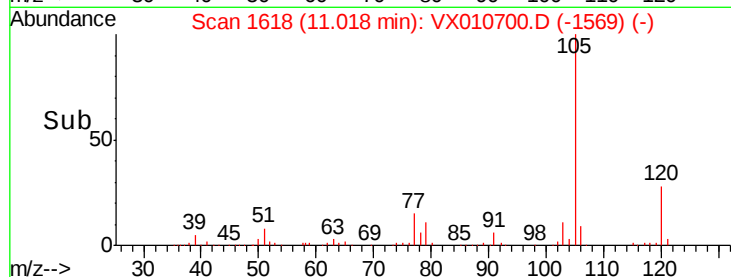
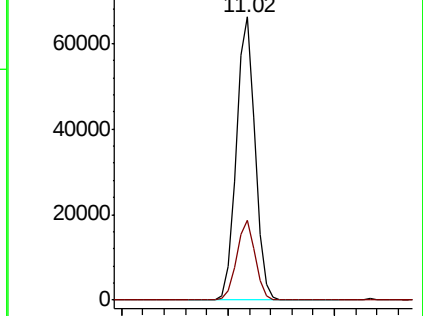
105 100

120 28.1 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 24.637 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010700.D

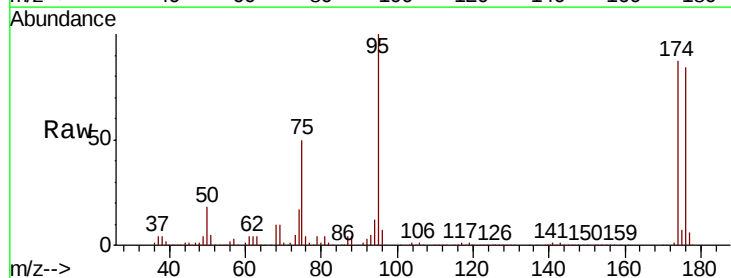
Acq: 08 Jul 2019 16:59

Tgt Ion: 75 Resp: 72357

Ion Ratio Lower Upper

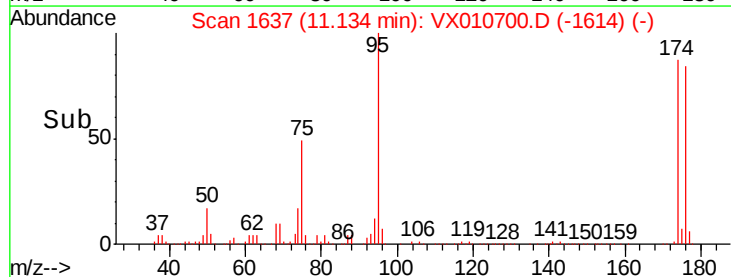
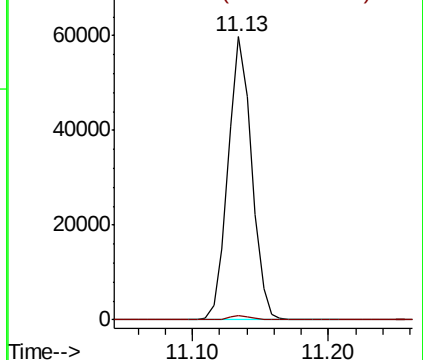
75 100

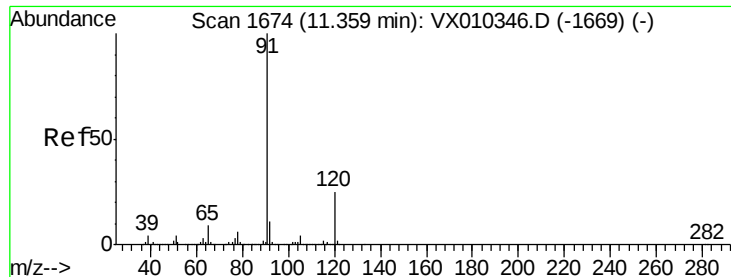
77 1.6 22.6 67.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 11.139 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010700.D

Acq: 08 Jul 2019 16:59

Instrument :

MSVOA_X

ClientSampleId :

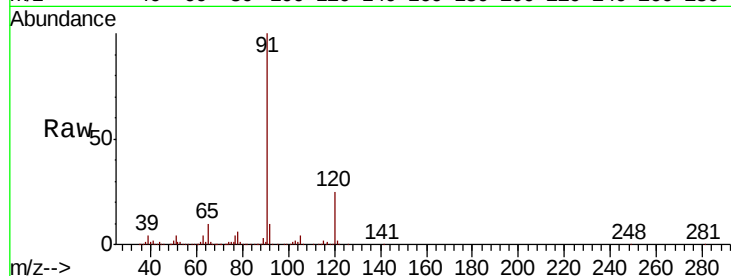
FL-0582DL

Tot Ion: 91 Resp: 133749

Ion Ratio Lower Upper

91 100

120 24.2 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

11.36

120000

100000

80000

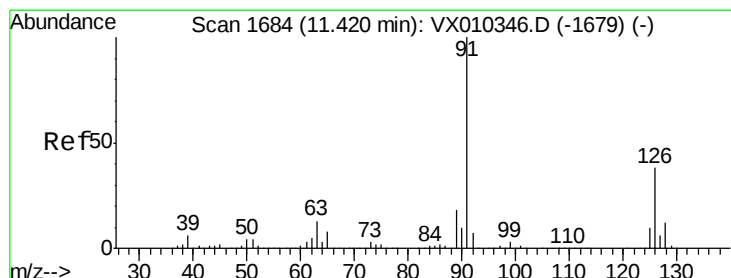
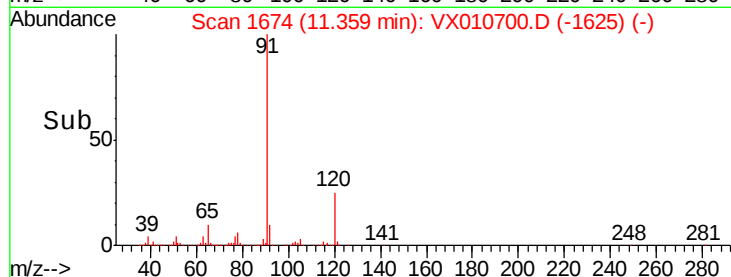
60000

40000

20000

0

Time-->



#79

2-Chlorotoluene

Concen: 0.824 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX010700.D

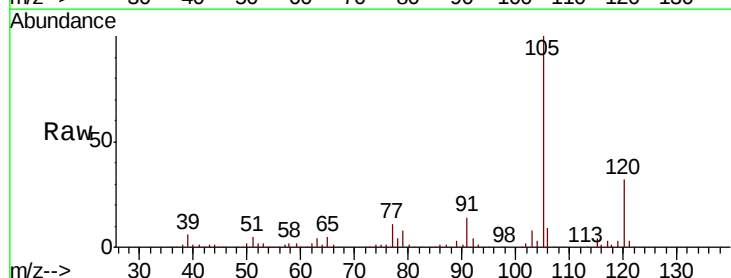
Acq: 08 Jul 2019 16:59

Tgt Ion: 91 Resp: 5890

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

25000

20000

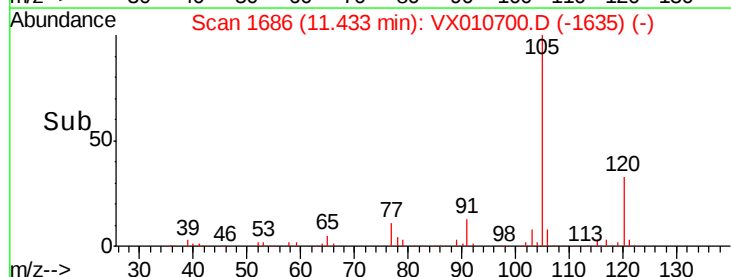
15000

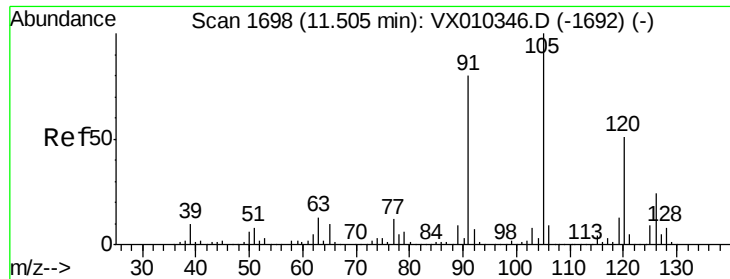
10000

5000

0

Time-->

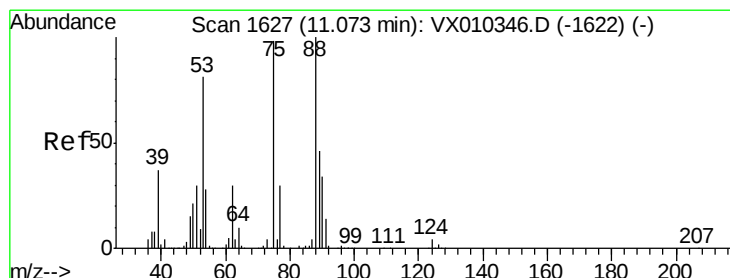
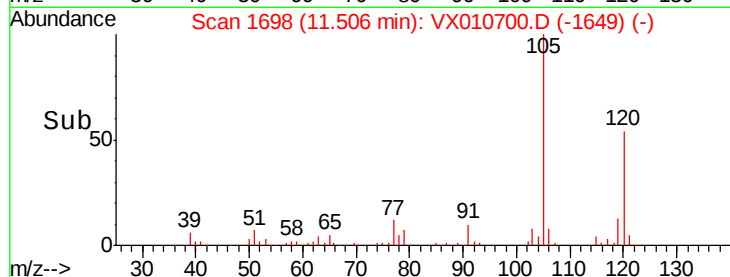
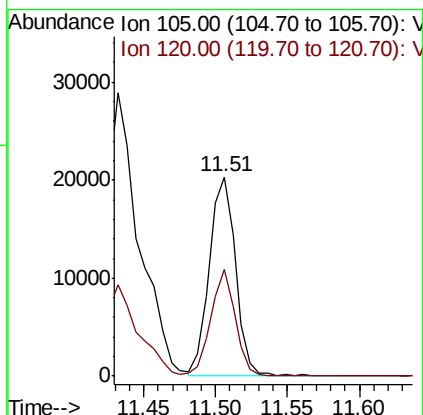
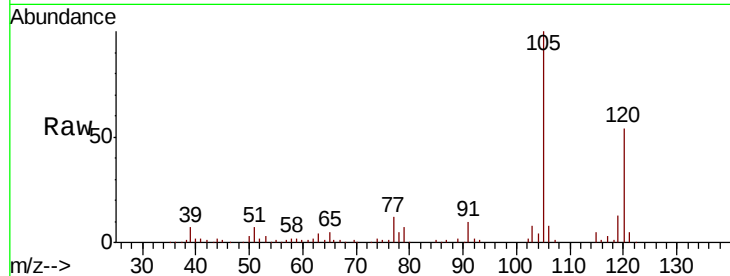




#80
 1,3,5-Trimethylbenzene
 Concen: 2.862 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010700.D
 Acq: 08 Jul 2019 16:59

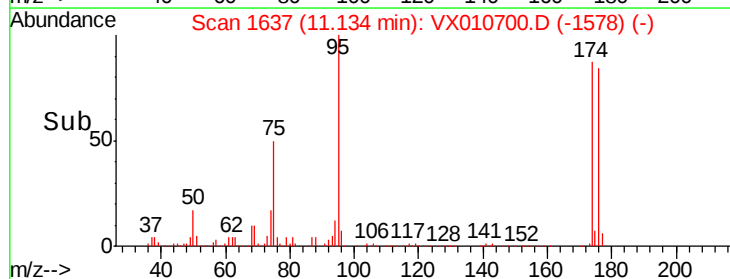
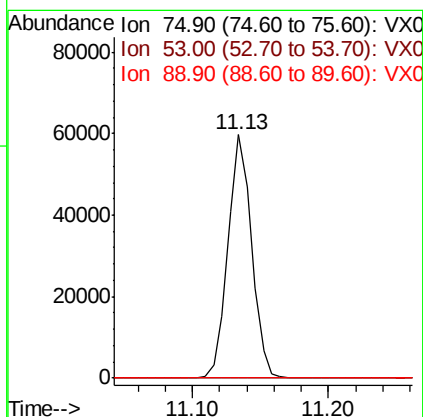
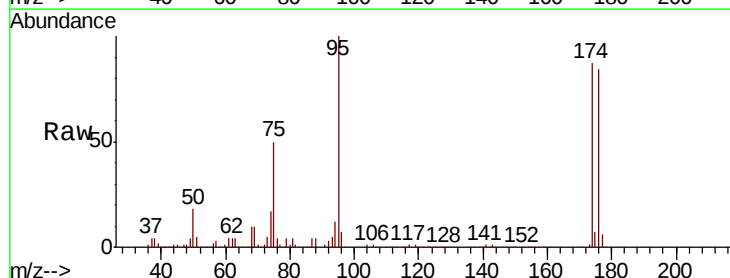
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0582DL

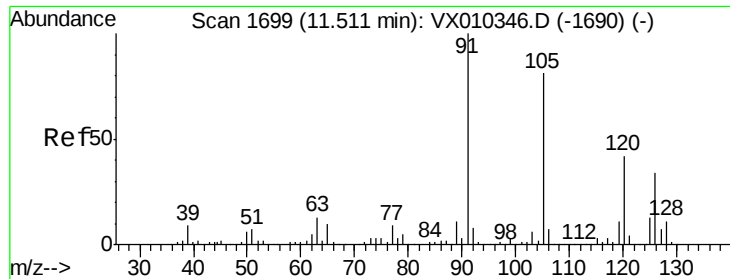
Tot Ion:105 Resp: 25779
 Ion Ratio Lower Upper
 105 100
 120 50.4 25.2 75.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 57.475 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX010700.D
 Acq: 08 Jul 2019 16:59

Tgt Ion: 75 Resp: 72357
 Ion Ratio Lower Upper
 75 100
 53 0.3 66.1 99.1#
 89 0.0 37.8 56.6#





#82

4-Chlorotoluene

Concen: 0.724 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. -0.08 min

Lab File: VX010700.D

Acq: 08 Jul 2019 16:59

Instrument :

MSVOA_X

ClientSampleId :

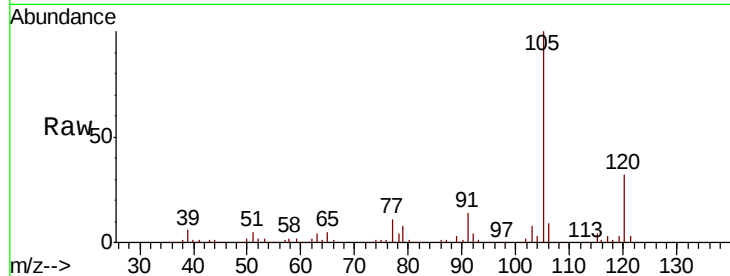
FL-0582DL

Tot Ion: 91 Resp: 5890

Ion Ratio Lower Upper

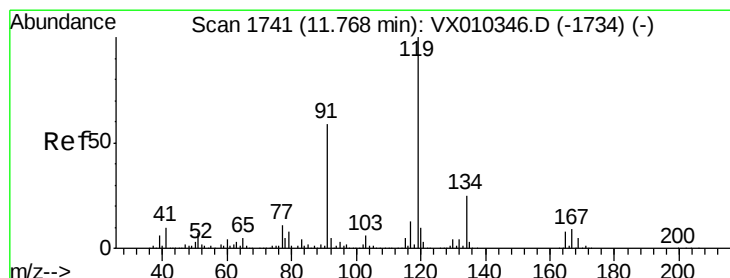
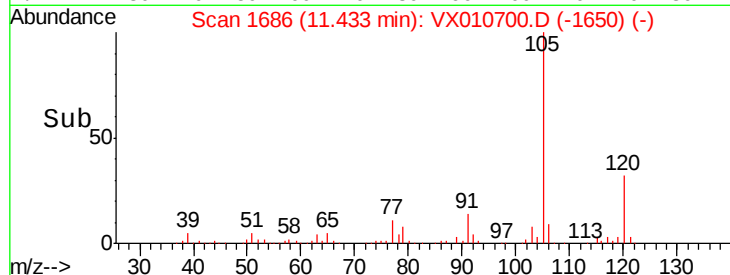
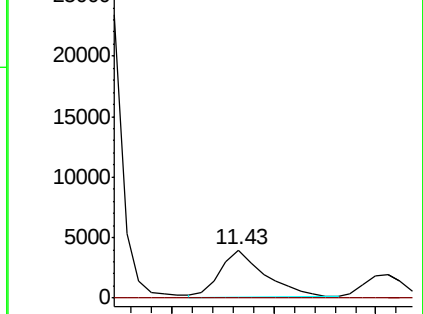
91 100

126 0.0 16.2 48.6#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#83

tert-Butylbenzene

Concen: 0.200 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX010700.D

Acq: 08 Jul 2019 16:59

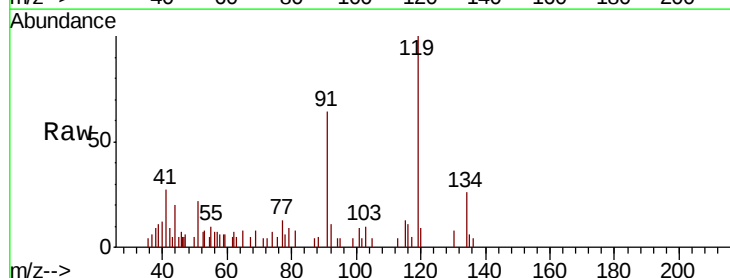
Tgt Ion: 119 Resp: 1812

Ion Ratio Lower Upper

119 100

91 0.0 27.6 82.7#

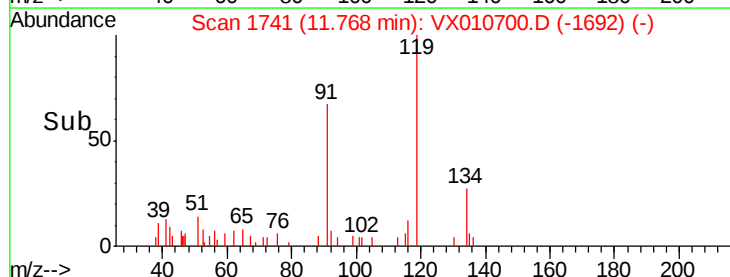
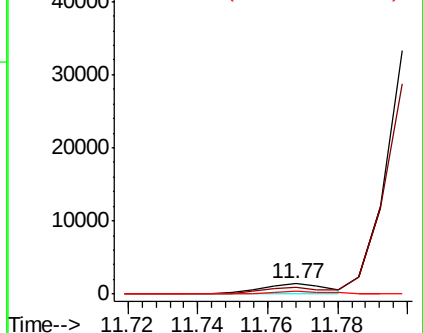
134 26.9 11.8 35.4

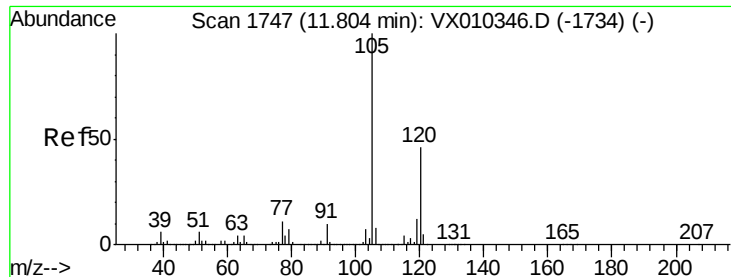


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V





#84

1,2,4-Trimethylbenzene

Concen: 52.452 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010700.D

Acq: 08 Jul 2019 16:59

Instrument :

MSVOA_X

ClientSampled :

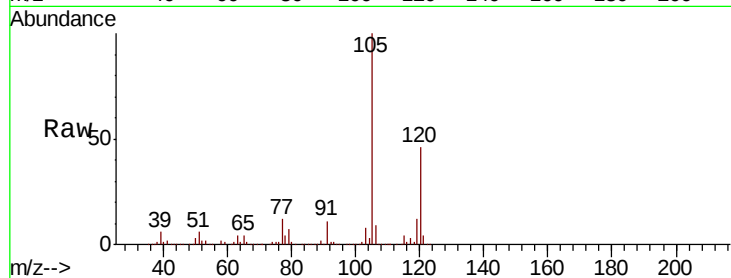
FL-0582DL

Tot Ion:105 Resp: 474633

Ion Ratio Lower Upper

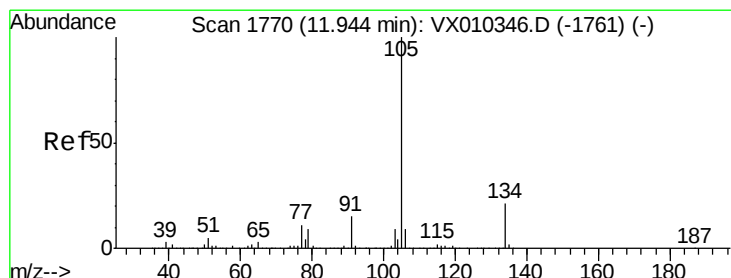
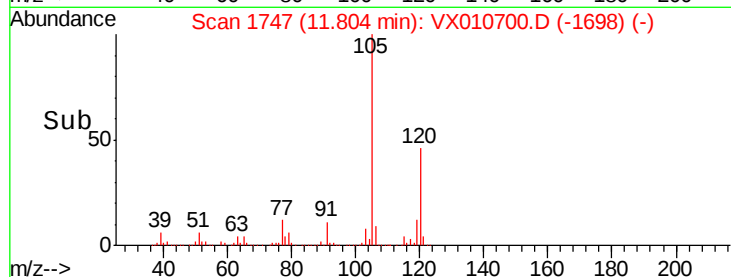
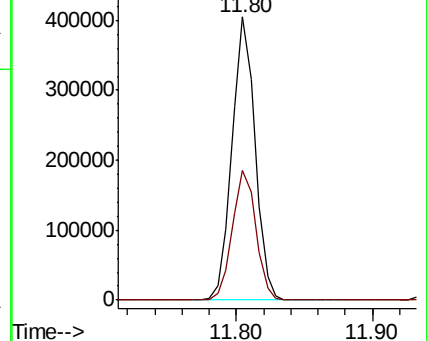
105 100

120 47.1 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 1.654 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010700.D

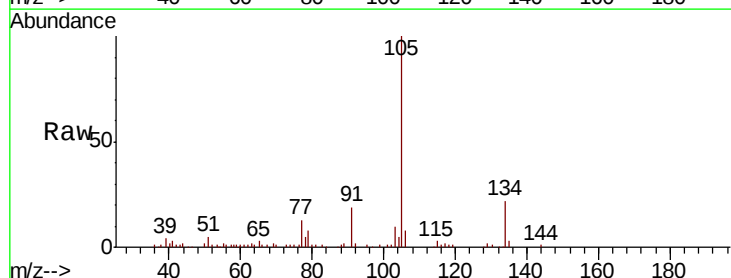
Acq: 08 Jul 2019 16:59

Tgt Ion:105 Resp: 17556

Ion Ratio Lower Upper

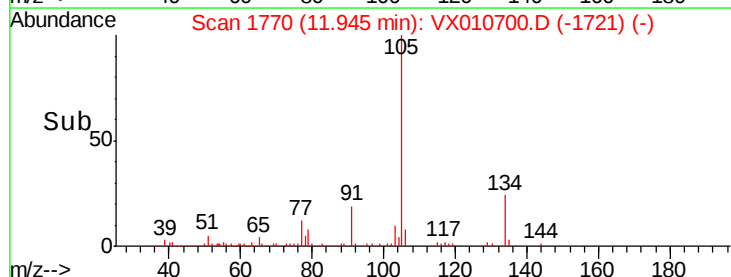
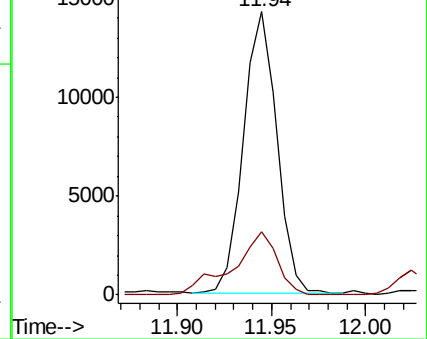
105 100

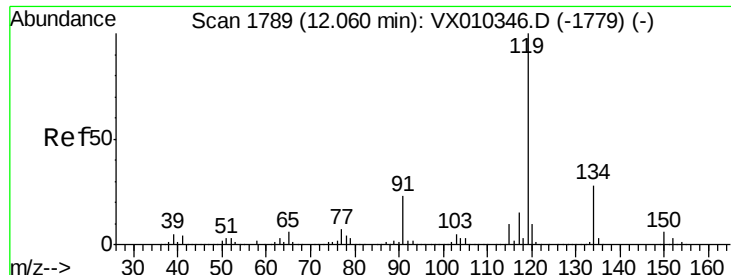
134 29.4 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

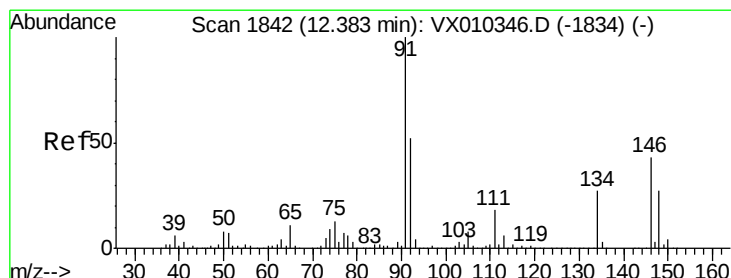
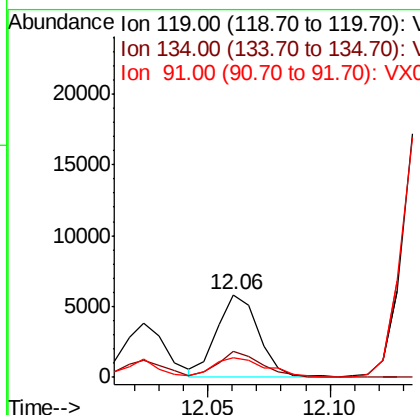
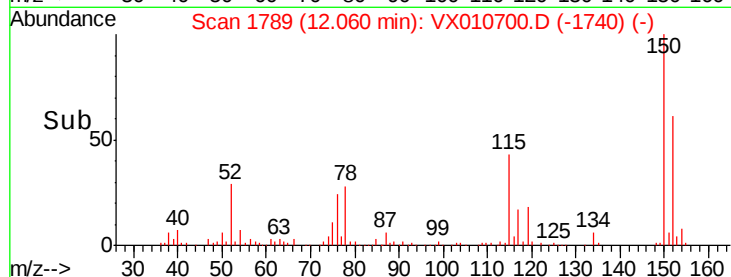
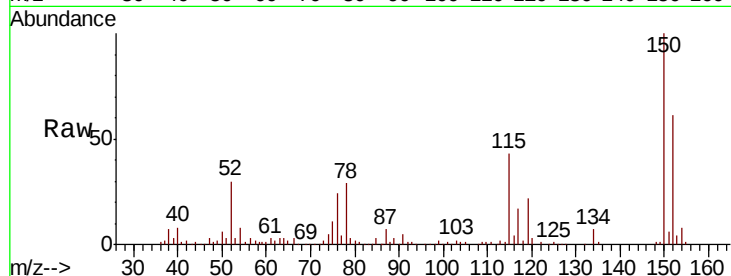




#86
p-Isopropyltoluene
Concen: 0.702 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX010700.D
Acq: 08 Jul 2019 16:59

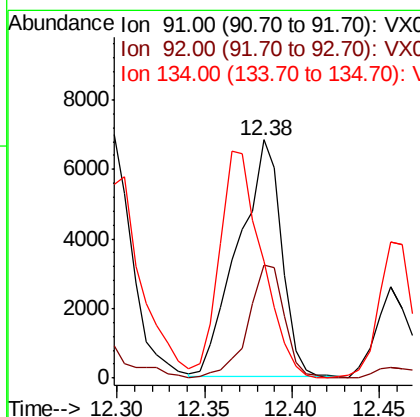
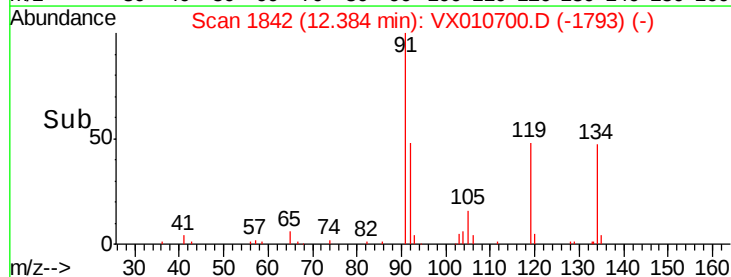
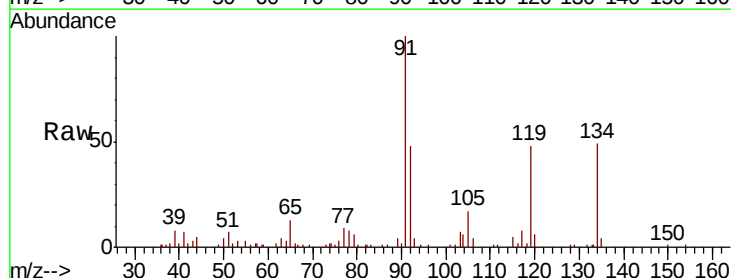
Instrument :
MSVOA_X
ClientSampleId :
FL-0582DL

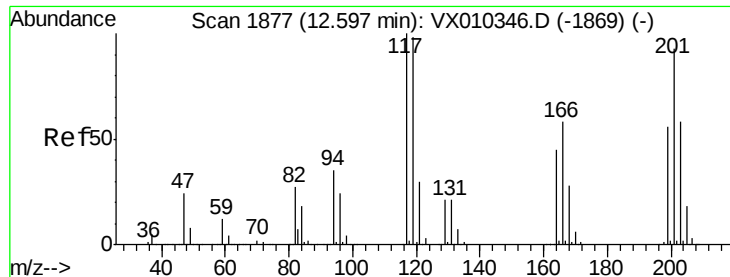
Tot Ion:119 Resp: 6890
Ion Ratio Lower Upper
119 100
134 33.3 13.7 41.1
91 30.2 11.3 33.8



#89
n-Butylbenzene
Concen: 1.398 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010700.D
Acq: 08 Jul 2019 16:59

Tgt Ion: 91 Resp: 11659
Ion Ratio Lower Upper
91 100
92 40.3 26.2 78.5
134 94.7 14.1 42.4#





#90

Hexachloroethane

Concen: 2.200 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX010700.D

Acq: 08 Jul 2019 16:59

Instrument :

MSVOA_X

ClientSampled :

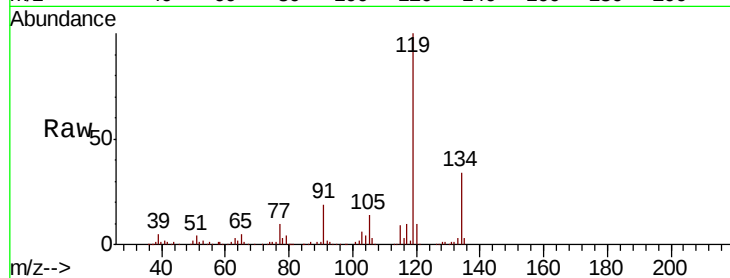
FL-0582DL

Tot Ion:117 Resp: 3734

Ion Ratio Lower Upper

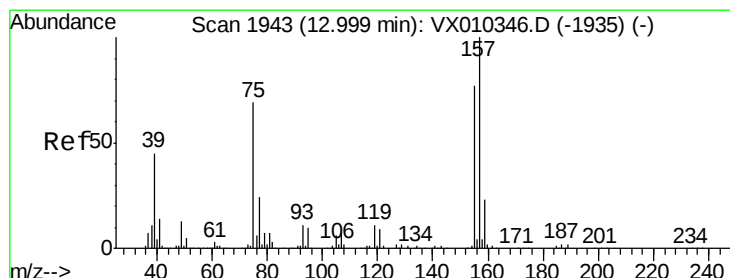
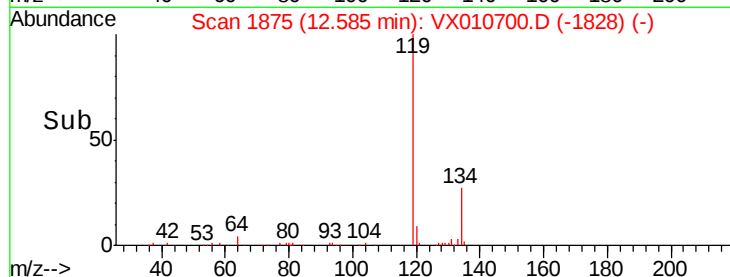
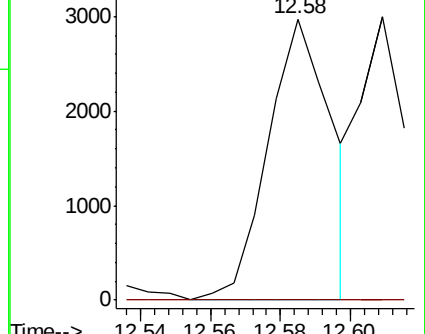
117 100

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: 0.742 ug/l

RT: 13.01 min Scan# 1945

Delta R.T. 0.01 min

Lab File: VX010700.D

Acq: 08 Jul 2019 16:59

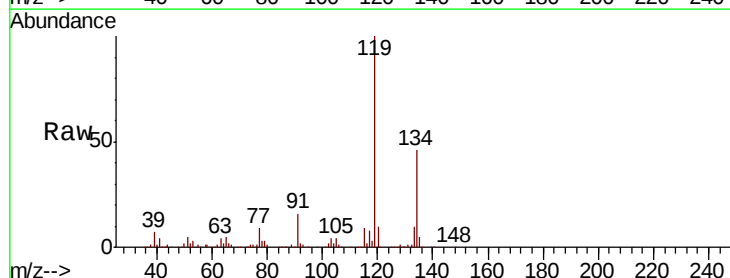
Tgt Ion: 75 Resp: 579

Ion Ratio Lower Upper

75 100

155 0.0 54.4 163.1#

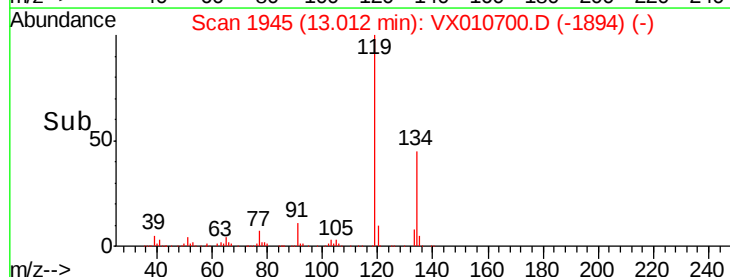
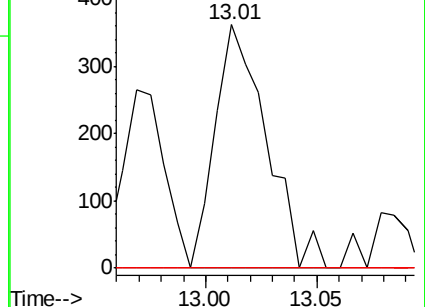
157 0.0 69.5 208.3#

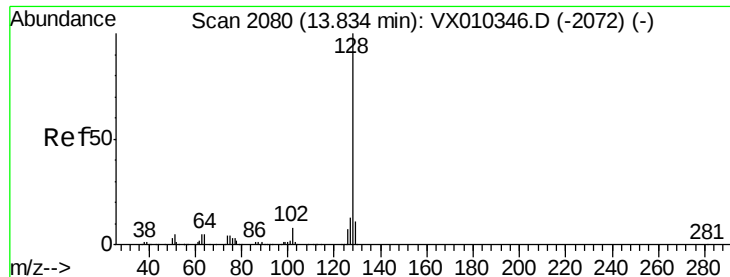


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

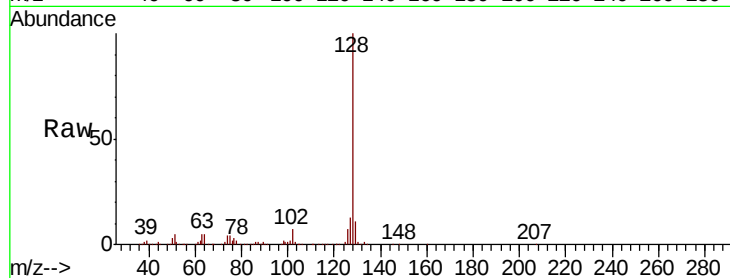




#95
Naphthalene
Concen: 7.911 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010700.D
Acq: 08 Jul 2019 16:59

Instrument :
MSVOA_X
ClientSampleId :
FL-0582DL

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	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

