

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071219\
 Data File : VX010859.D
 Acq On : 13 Jul 2019 00:36
 Operator : JC/SP
 Sample : K3791-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0592

Quant Time: Jul 13 05:15:47 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	245219	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	383428	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	354328	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	176011	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	126013	54.81	ug/l	0.00
Spiked Amount			Recovery	=	109.62%	
35) Dibromofluoromethane	5.50	113	115757	49.34	ug/l	0.00
Spiked Amount			Recovery	=	98.68%	
50) Toluene-d8	8.71	98	460186	51.27	ug/l	0.00
Spiked Amount			Recovery	=	102.54%	
62) 4-Bromofluorobenzene	11.13	95	165057	50.94	ug/l	0.00
Spiked Amount			Recovery	=	101.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	729	0.367	ug/l #	80
5) Bromomethane	1.65	94	343	0.324	ug/l #	77
6) Chloroethane	1.62	64	593	0.462	ug/l #	41
10) Methyl Iodide	2.53	142	621	0.208	ug/l #	84
13) Acrolein	2.40	56	6405	16.049	ug/l #	81
14) Allyl chloride	2.84	41	16346	5.417	ug/l #	69
15) Acrylonitrile	3.17	53	5577	4.682	ug/l #	38
16) Acetone	2.44	43	3722	3.230	ug/l	94
18) Methyl Acetate	2.84	43	41640	18.132	ug/l #	49
25) 2-Butanone	4.69	43	517	0.306	ug/l #	46
31) Cyclohexane	5.58	56	109756	33.049	ug/l	96
36) 1,1-Dichloropropene	5.67	75	16551	5.432	ug/l #	43
38) Carbon Tetrachloride	5.67	117	22304	6.760	ug/l #	15
39) Methylcyclohexane	7.46	83	115728	28.895	ug/l	95
41) Methacrylonitrile	5.24	41	8958	5.209	ug/l #	44
43) Isopropyl Acetate	6.45	43	2745	0.529	ug/l #	61
47) Bromodichloromethane	7.85	83	1405	0.446	ug/l #	72
48) Methyl methacrylate	7.73	41	9329	3.870	ug/l #	57
49) 1,4-Dioxane	7.87	88	20	0.288	ug/l #	28
51) 4-Methyl-2-Pentanone	8.67	43	2105	0.635	ug/l #	34
55) 1,1,2-Trichloroethane	9.16	97	20121	7.804	ug/l #	19
56) Ethyl methacrylate	9.16	69	4581	1.173	ug/l #	1
67) Ethyl Benzene	10.25	91	1005941	82.833	ug/l	100
68) m/p-Xylenes	10.36	106	239497	50.896	ug/l	98
69) o-Xylene	10.69	106	1712	0.370	ug/l	87
73) Isopropylbenzene	11.02	105	64702	5.423	ug/l	97
76) 1,2,3-Trichloropropane	11.43	75	2405	0.750	ug/l #	1
78) n-propylbenzene	11.36	91	108462	8.271	ug/l	97
79) 2-Chlorotoluene	11.43	91	34130	4.371	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.51	105	96606	9.822	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.13	75	79620	57.912	ug/l #	16
82) 4-Chlorotoluene	11.51	91	10332	1.163	ug/l #	44
83) tert-Butylbenzene	11.80	119	53929	5.463	ug/l #	59
84) 1,2,4-Trimethylbenzene	11.80	105	417007	42.198	ug/l	99

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

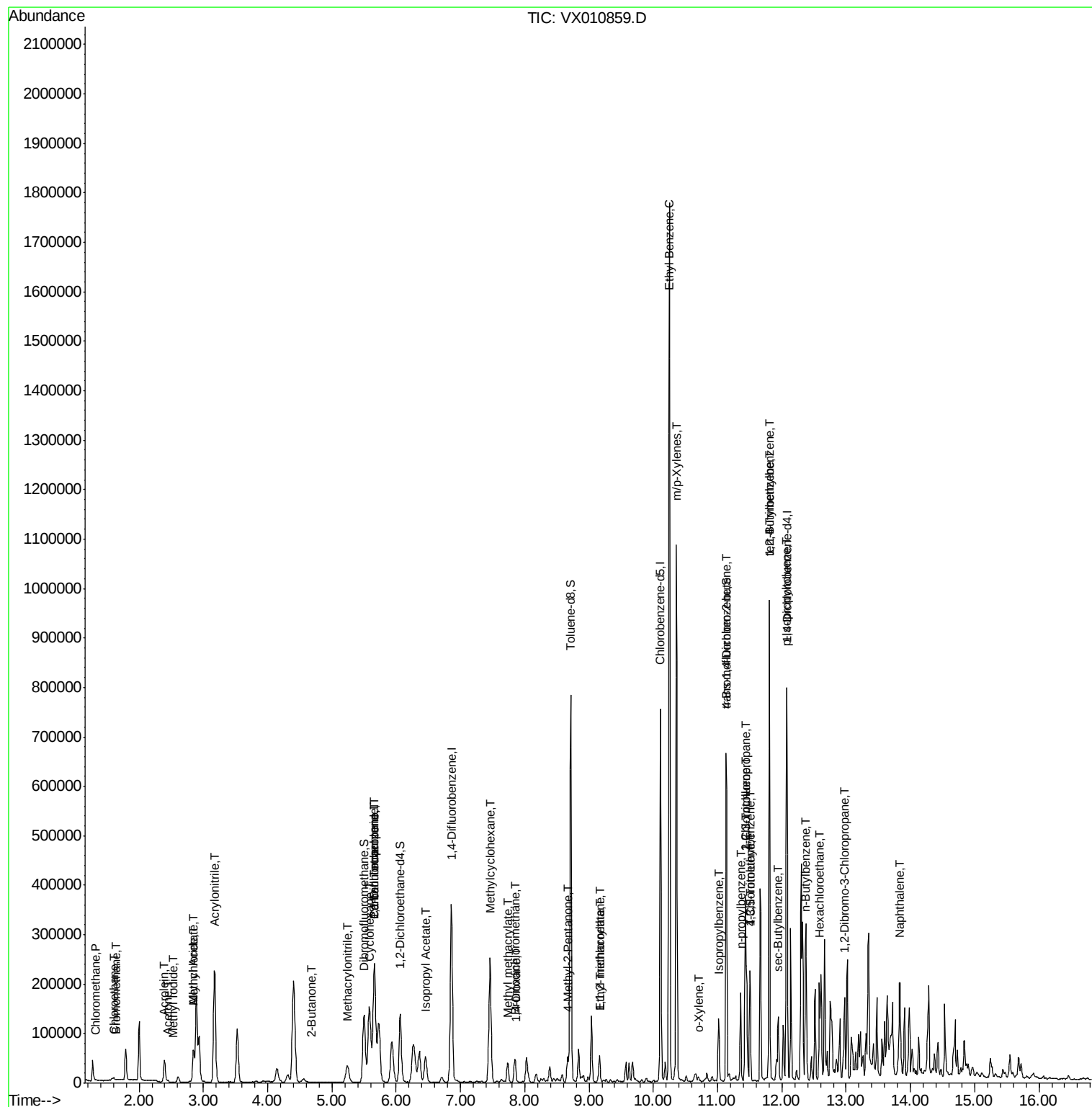
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	11.94	105	67261	5.803	ug/l	85
86) p-Isopropyltoluene	12.07	119	10966	1.023	ug/l	91
89) n-Butylbenzene	12.38	91	52654	5.779	ug/l #	37
90) Hexachloroethane	12.58	117	8549	4.611	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	12.97	75	914	1.073	ug/l #	1
95) Naphthalene	13.83	128	121137	9.835	ug/l #	95

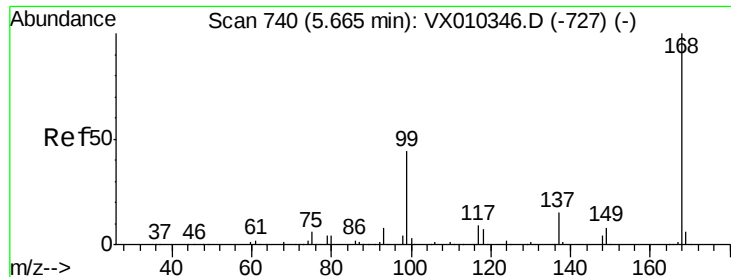
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\WX071219\
Data File : VX010859.D
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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: VX010859.D

Acq: 13 Jul 2019 00:36

Instrument :

MSVOA_X

ClientSampleId :

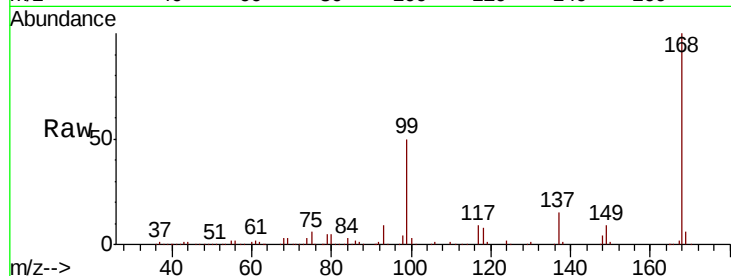
FL-0592

Tot Ion:168 Resp: 245219

Ion Ratio Lower Upper

168 100

99 49.6 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

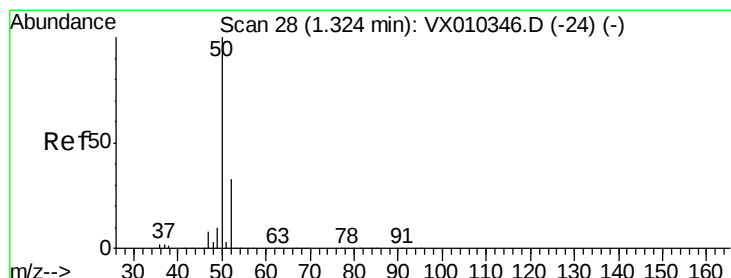
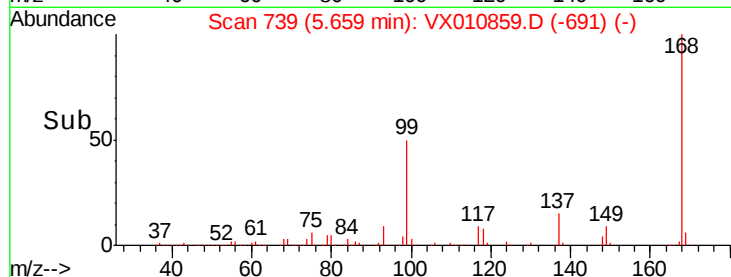
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.367 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010859.D

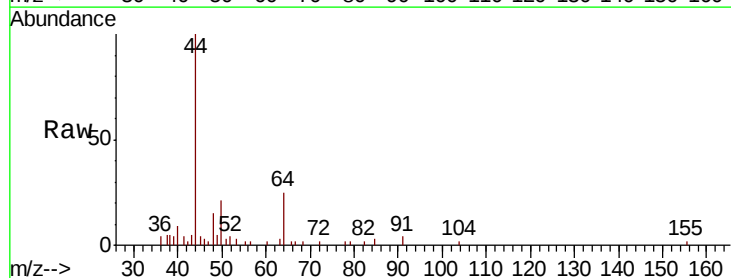
Acq: 13 Jul 2019 00:36

Tgt Ion: 50 Resp: 729

Ion Ratio Lower Upper

50 100

52 21.8 26.5 39.7#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

800

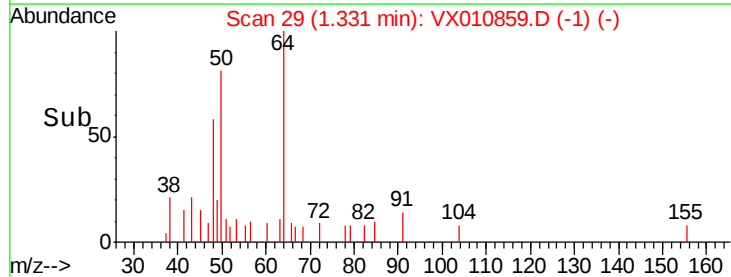
600

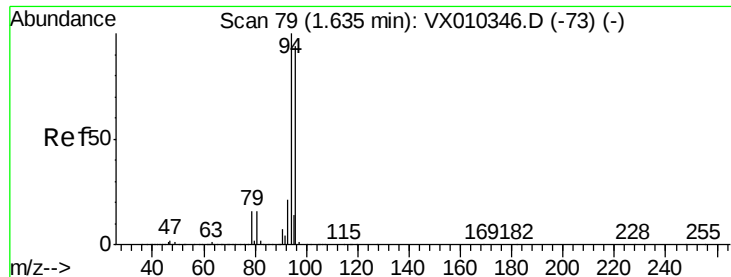
400

200

0

Time--> 1.30 1.35





#5

Bromomethane

Concen: 0.324 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX010859.D

Acq: 13 Jul 2019 00:36

Instrument :

MSVOA_X

ClientSampled :

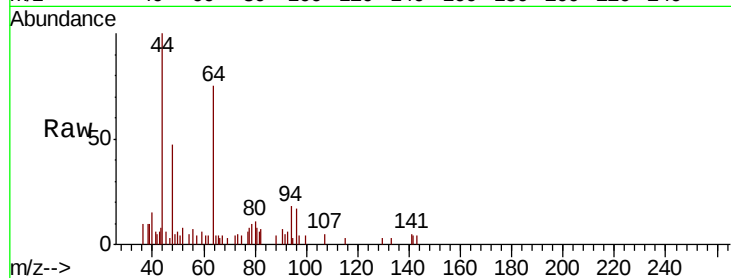
FL-0592

Tot Ion: 94 Resp: 343

Ion Ratio Lower Upper

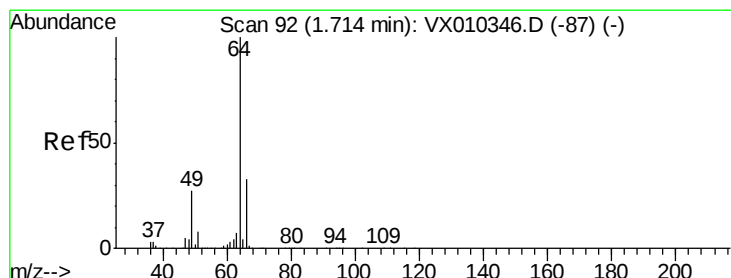
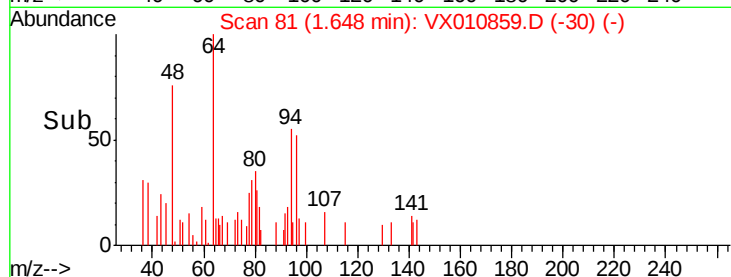
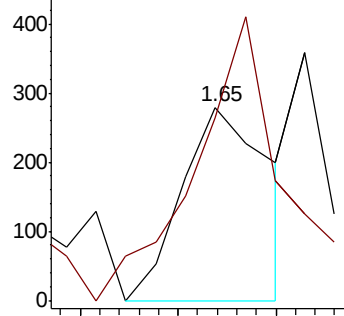
94 100

96 71.7 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: 0.462 ug/l

RT: 1.62 min Scan# 77

Delta R.T. -0.09 min

Lab File: VX010859.D

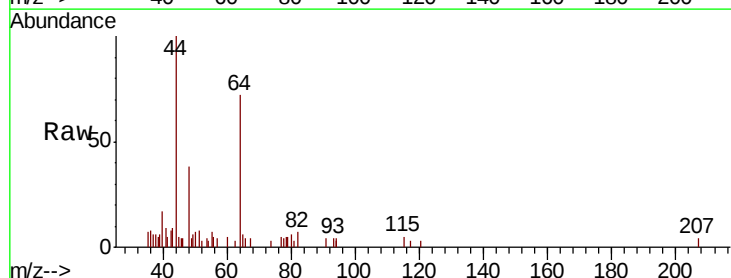
Acq: 13 Jul 2019 00:36

Tgt Ion: 64 Resp: 593

Ion Ratio Lower Upper

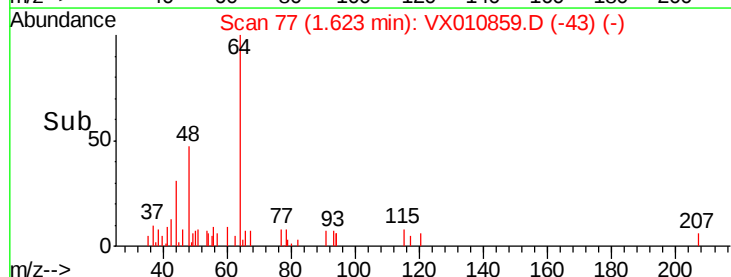
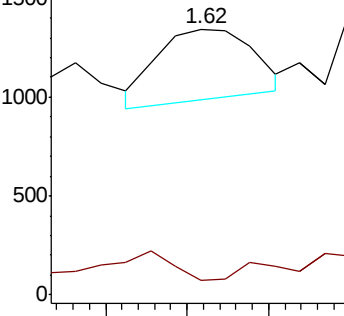
64 100

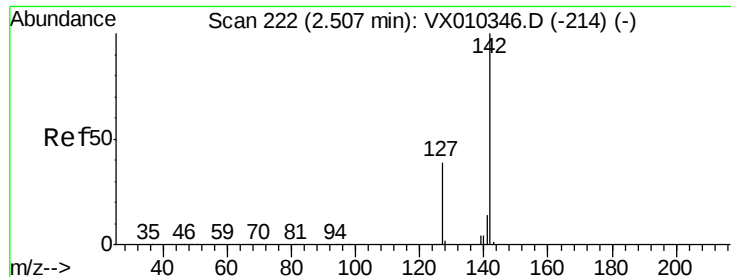
66 0.0 26.6 40.0#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

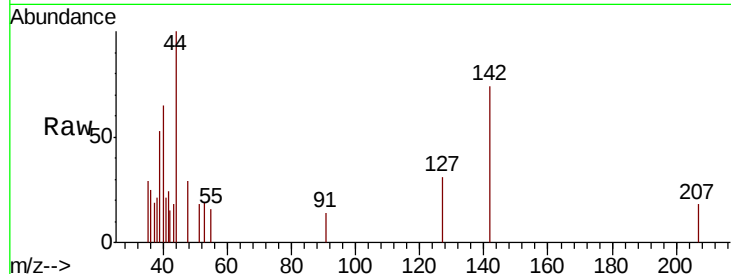




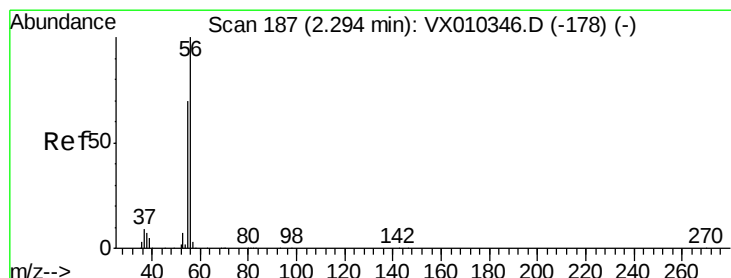
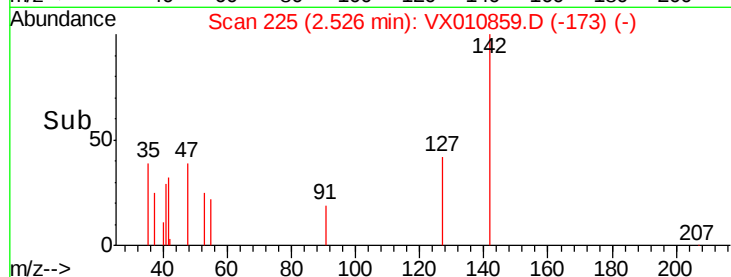
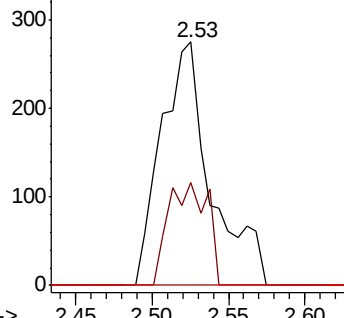
#10
Methvl Iodide
Concen: 0.208 ug/l
RT: 2.53 min Scan# 225
Delta R.T. 0.02 min
Lab File: VX010859.D
Acq: 13 Jul 2019 00:36

Instrument :
MSVOA_X
ClientSampled :
FL-0592

Tot Ion:142 Resp: 621
Ion Ratio Lower Upper
142 100
127 33.2 31.1 46.7
141 0.0 11.2 16.8#

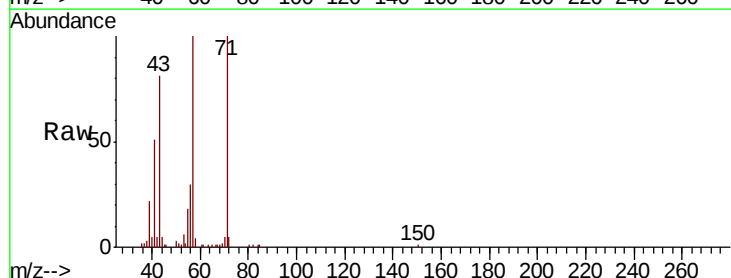


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

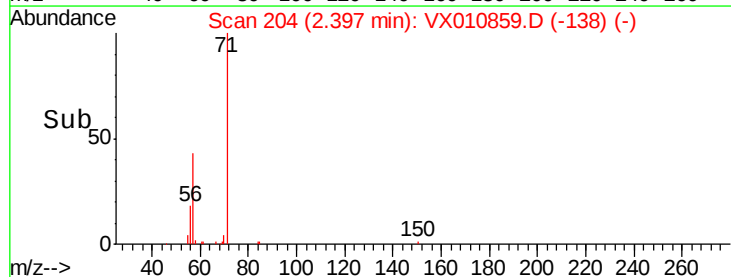
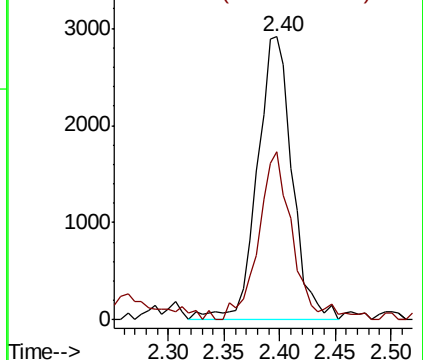


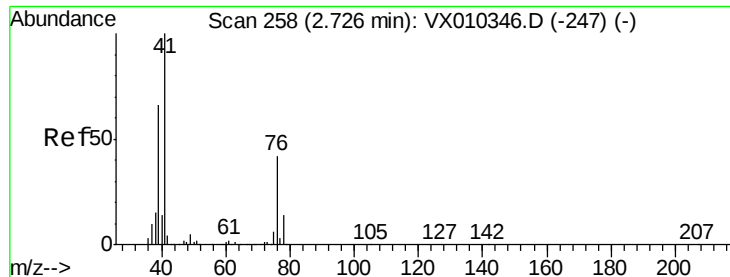
#13
Acrolein
Concen: 16.049 ug/l
RT: 2.40 min Scan# 204
Delta R.T. 0.10 min
Lab File: VX010859.D
Acq: 13 Jul 2019 00:36

Tgt Ion: 56 Resp: 6405
Ion Ratio Lower Upper
56 100
55 55.3 56.9 85.3#



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 55.00 (54.70 to 55.70): VX0





#14

Allvl chloride

Concen: 5.417 ug/l

RT: 2.84 min Scan# 277

Delta R.T. 0.12 min

Lab File: VX010859.D

Acq: 13 Jul 2019 00:36

Instrument :

MSVOA_X

ClientSampled :

FL-0592

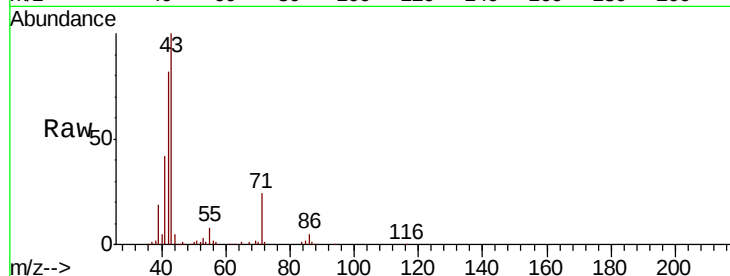
Tot Ion: 41 Resp: 16346

Ion Ratio Lower Upper

41 100

39 54.9 50.3 75.5

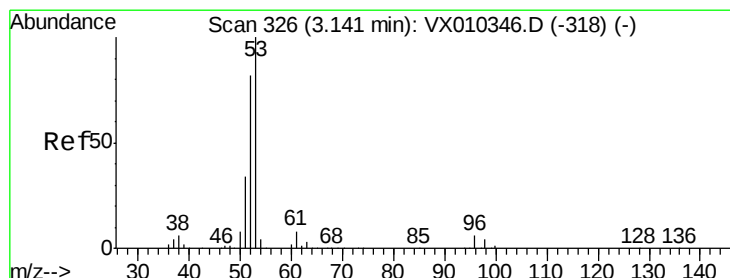
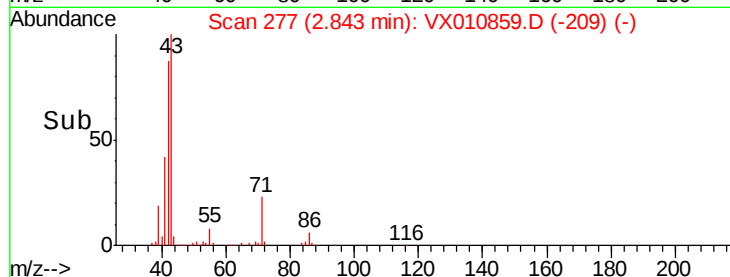
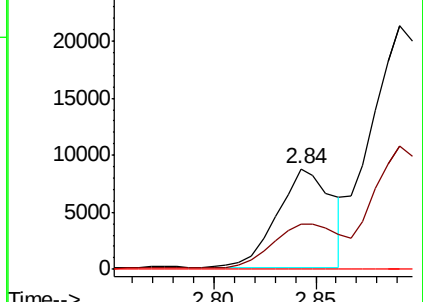
76 0.0 31.3 46.9#



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: 4.682 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.03 min

Lab File: VX010859.D

Acq: 13 Jul 2019 00:36

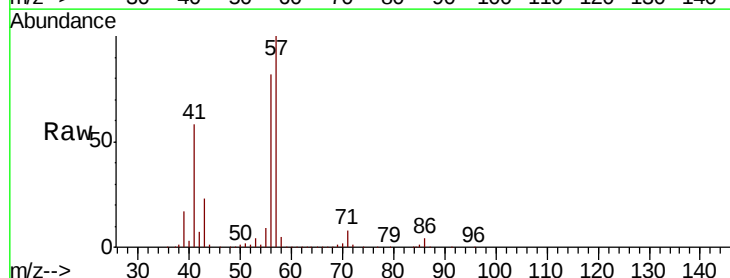
Tgt Ion: 53 Resp: 5577

Ion Ratio Lower Upper

53 100

52 24.3 65.5 98.3#

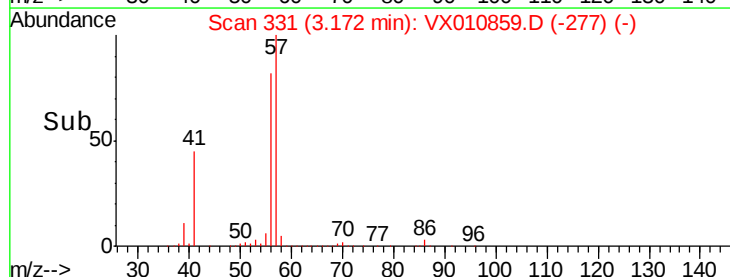
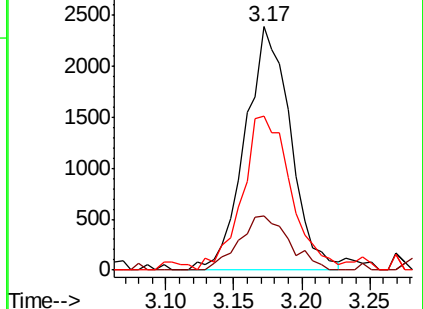
51 67.6 28.2 42.4#

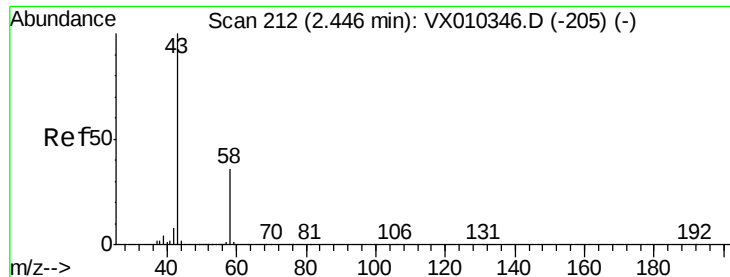


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#16

Acetone

Concen: 3.230 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

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ClientSampleId :

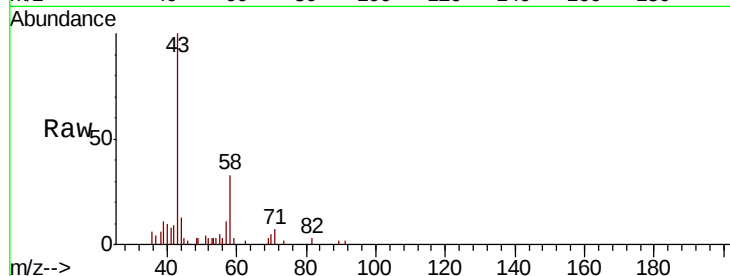
FL-0592

Tot Ion: 43 Resp: 3722

Ion Ratio Lower Upper

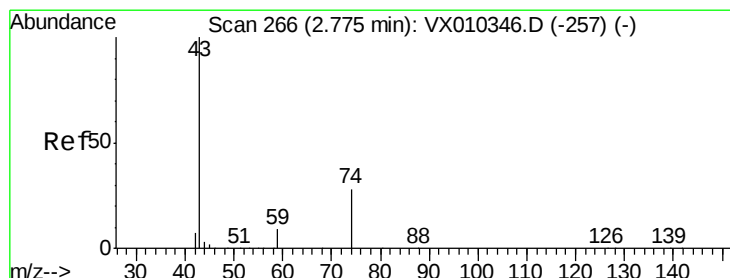
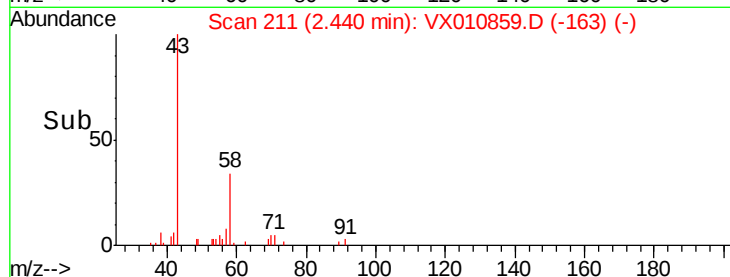
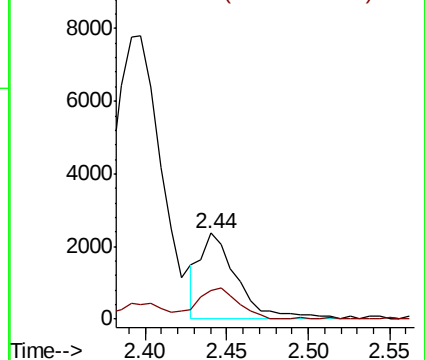
43 100

58 32.7 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: 18.132 ug/l

RT: 2.84 min Scan# 277

Delta R.T. 0.07 min

Lab File: VX010859.D

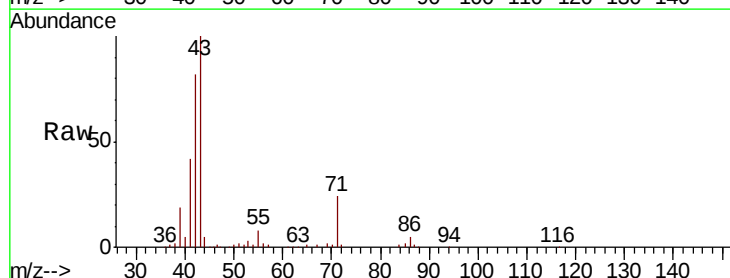
Acq: 13 Jul 2019 00:36

Tgt Ion: 43 Resp: 41640

Ion Ratio Lower Upper

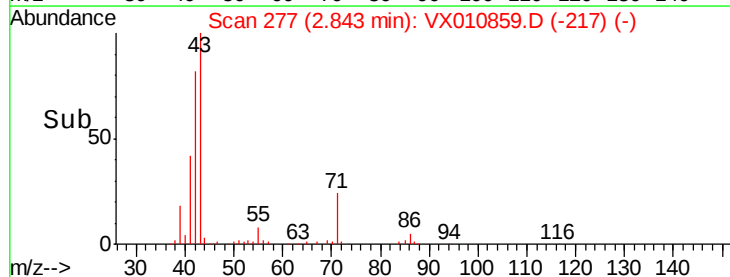
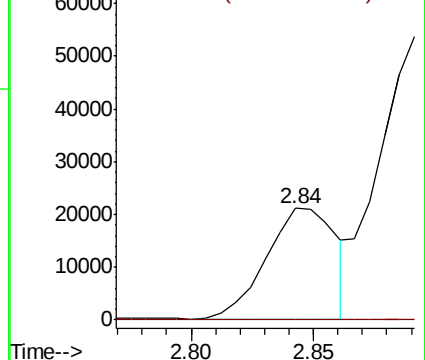
43 100

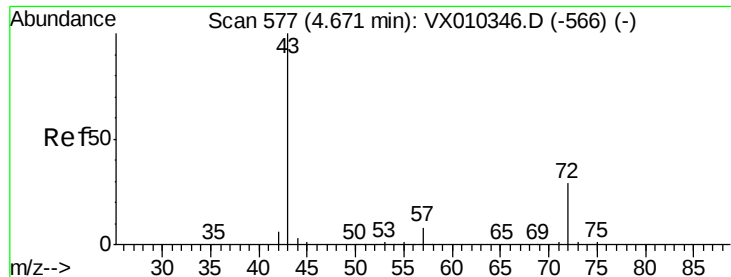
74 0.2 21.3 31.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#25

2-Butanone

Concen: 0.306 ug/l

RT: 4.69 min Scan# 580

Delta R.T. 0.02 min

Lab File: VX010859.D

Acq: 13 Jul 2019 00:36

Instrument :

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ClientSampled :

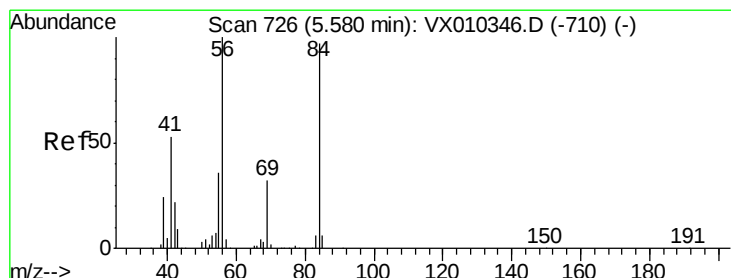
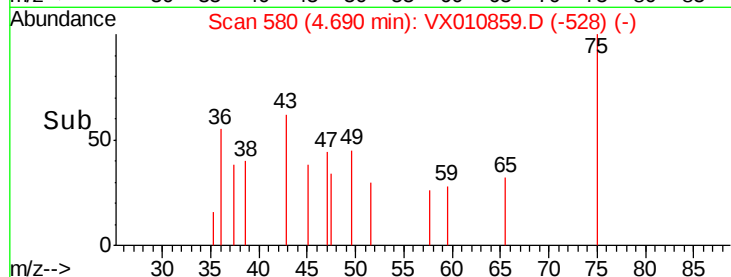
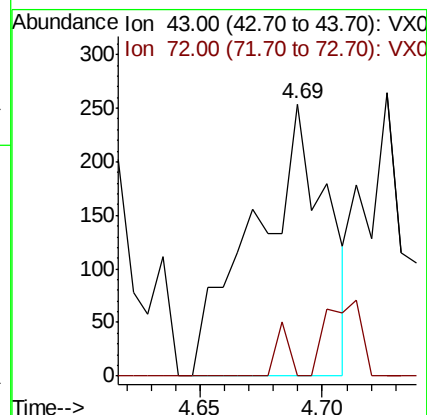
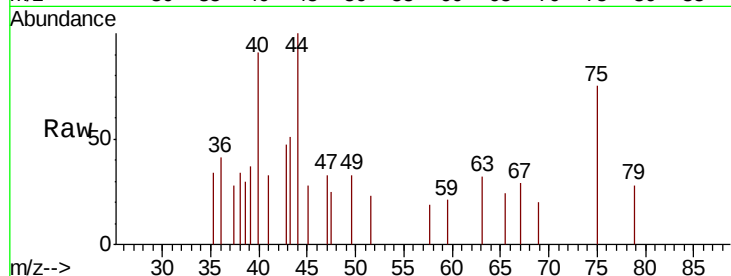
FL-0592

Tot Ion: 43 Resp: 517

Ion Ratio Lower Upper

43 100

72 0.0 23.3 34.9#



#31

Cyclohexane

Concen: 33.049 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010859.D

Acq: 13 Jul 2019 00:36

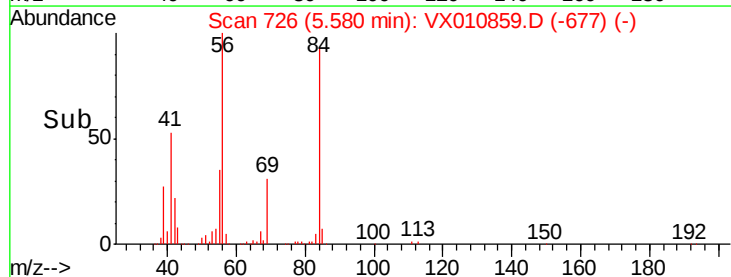
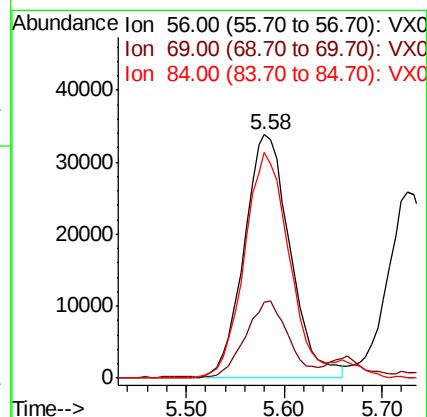
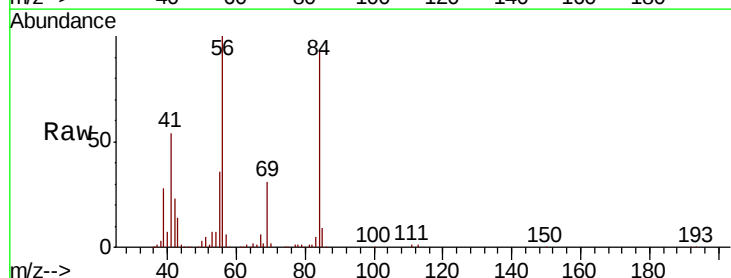
Tgt Ion: 56 Resp: 109756

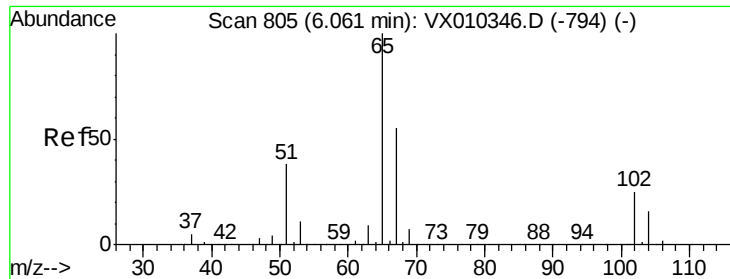
Ion Ratio Lower Upper

56 100

69 30.6 25.9 38.9

84 92.7 78.0 117.0

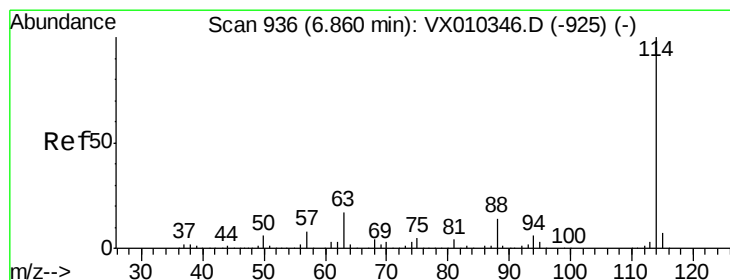
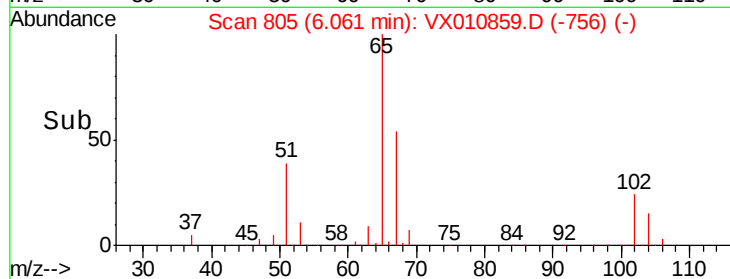
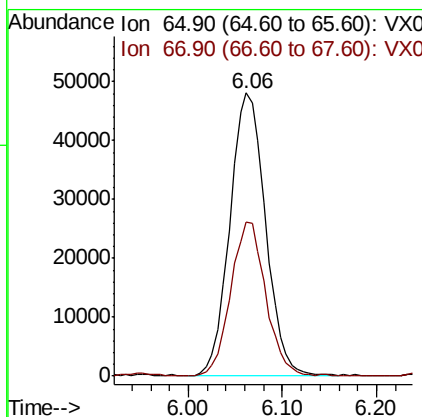
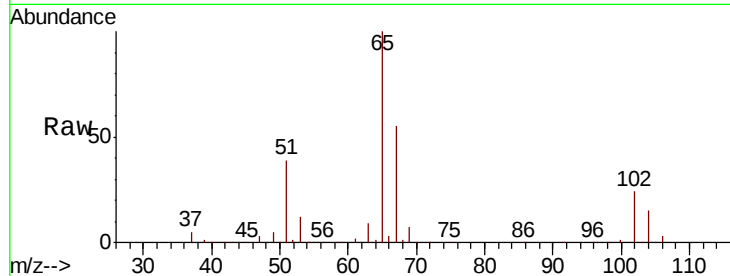




#33
 1,2-Dichloroethane-d4
 Concen: 54.808 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010859.D
 Acq: 13 Jul 2019 00:36

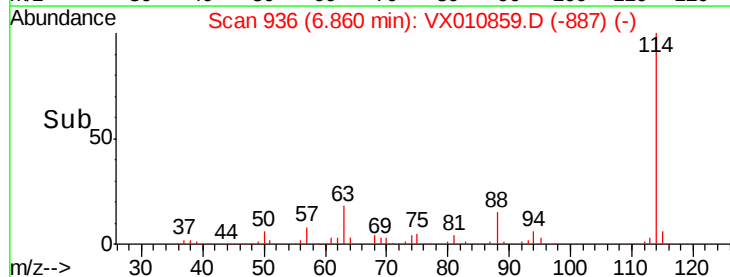
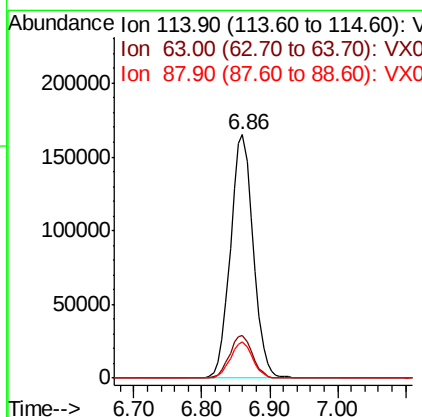
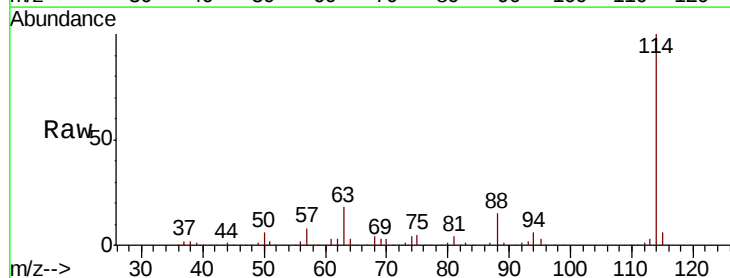
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0592

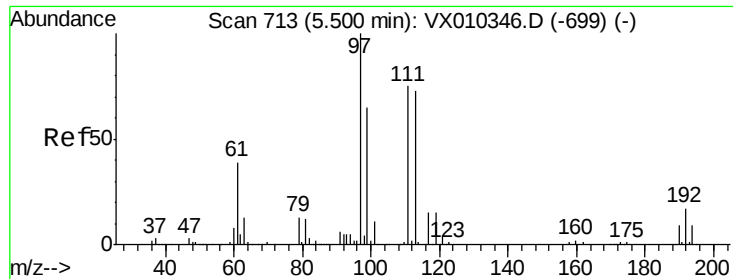
Tot Ion: 65 Resp: 126013
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010859.D
 Acq: 13 Jul 2019 00:36

Tgt Ion: 114 Resp: 383428
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 33.8
 88 14.9 0.0 27.6

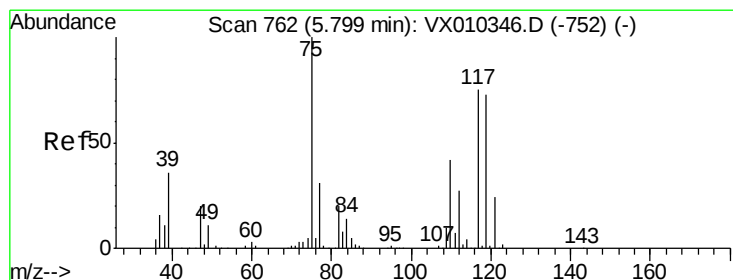
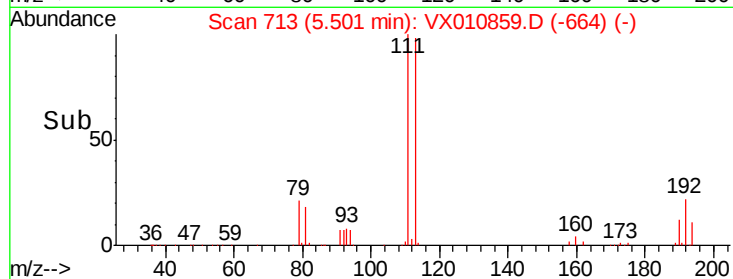
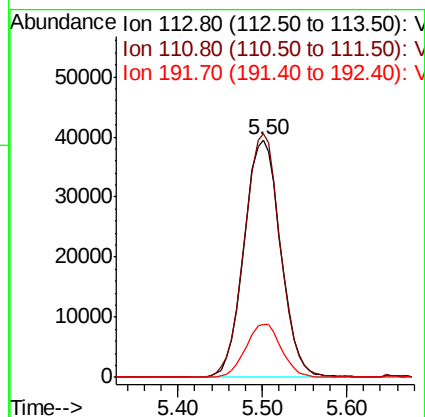
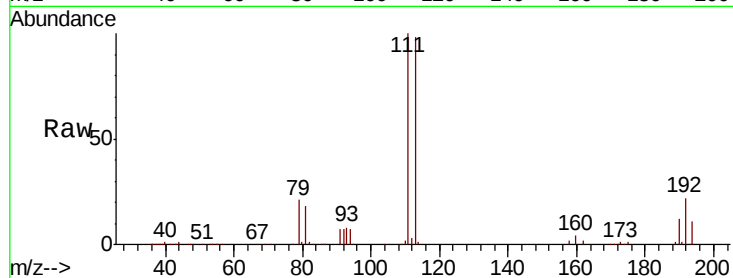




#35
 Dibromofluoromethane
 Concen: 49.343 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010859.D
 Acq: 13 Jul 2019 00:36

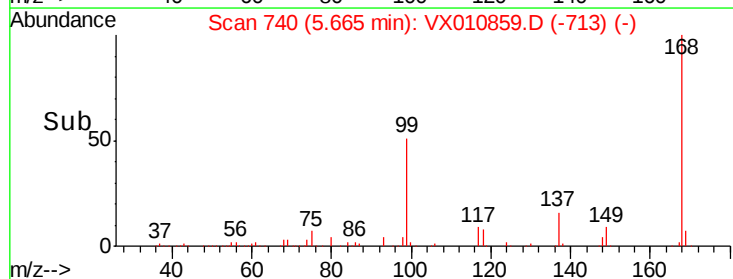
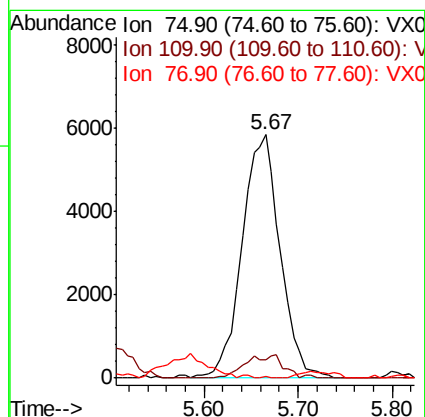
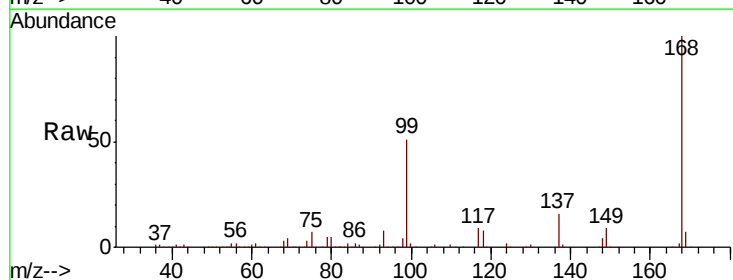
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0592

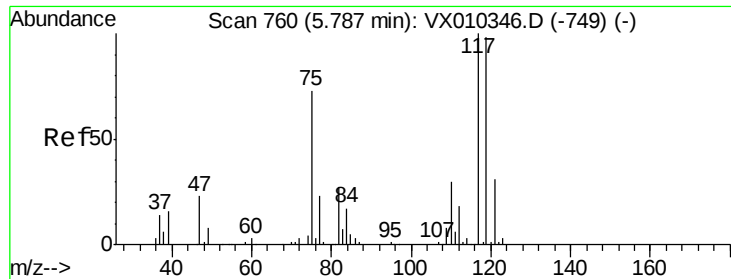
Tot Ion:113 Resp: 115757
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.2 121.8
 192 22.0 18.6 27.8



#36
 1,1-Dichloropropene
 Concen: 5.432 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX010859.D
 Acq: 13 Jul 2019 00:36

Tgt Ion: 75 Resp: 16551
 Ion Ratio Lower Upper
 75 100
 110 5.7 20.8 62.2#
 77 0.3 25.4 38.0#





#38

Carbon Tetrachloride

Concen: 6.760 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX010859.D

Acq: 13 Jul 2019 00:36

Instrument :

MSVOA_X

ClientSampled :

FL-0592

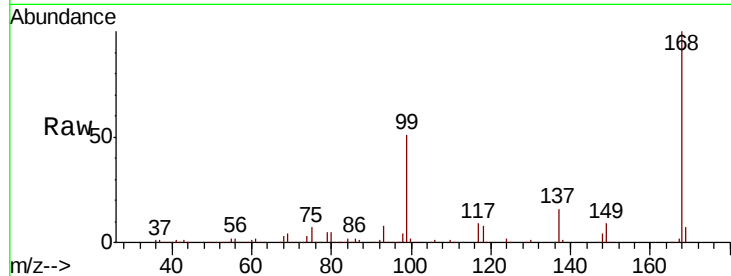
Tot Ion:117 Resp: 22304

Ion Ratio Lower Upper

117 100

119 5.3 78.2 117.4#

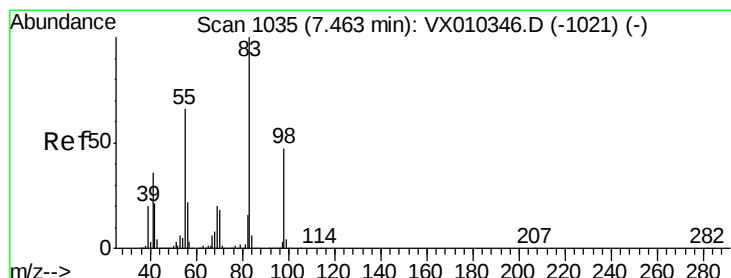
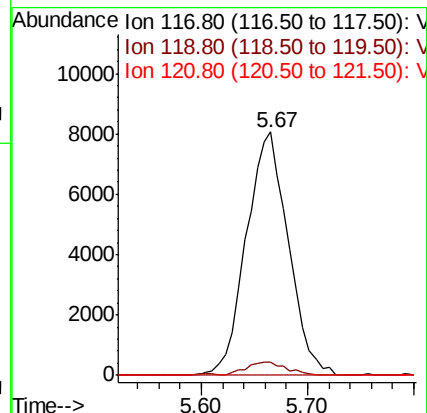
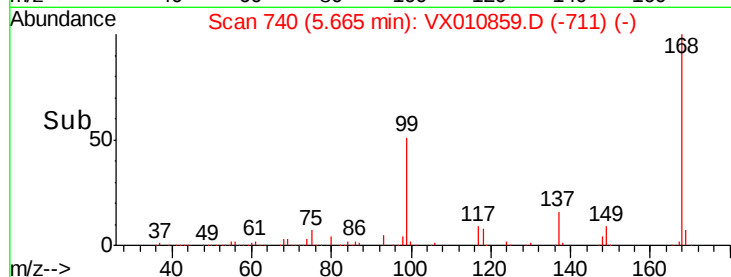
121 0.0 24.7 37.1#



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: 28.895 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX010859.D

Acq: 13 Jul 2019 00:36

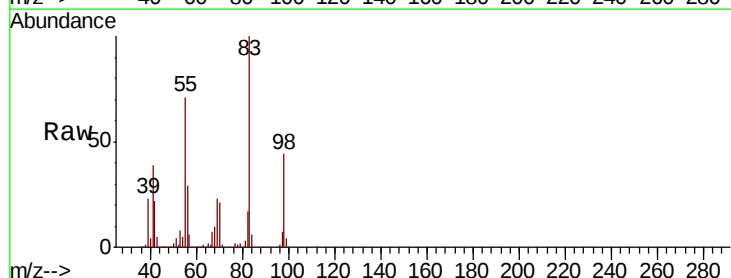
Tgt Ion: 83 Resp: 115728

Ion Ratio Lower Upper

83 100

55 71.0 53.0 79.6

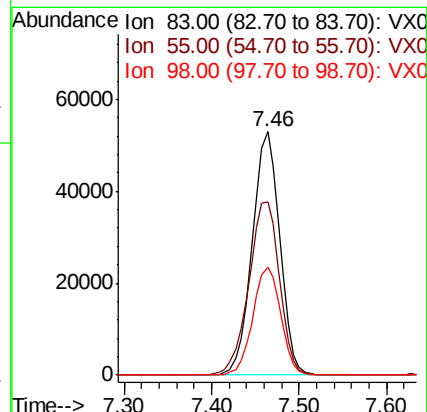
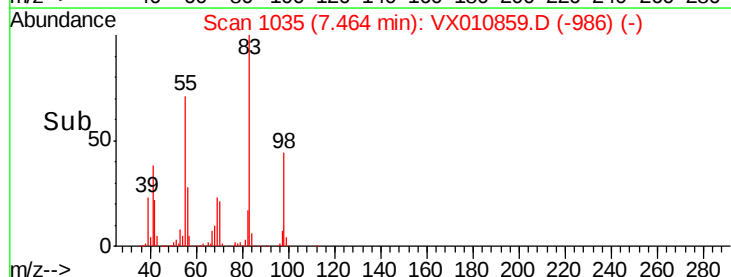
98 44.3 37.8 56.8

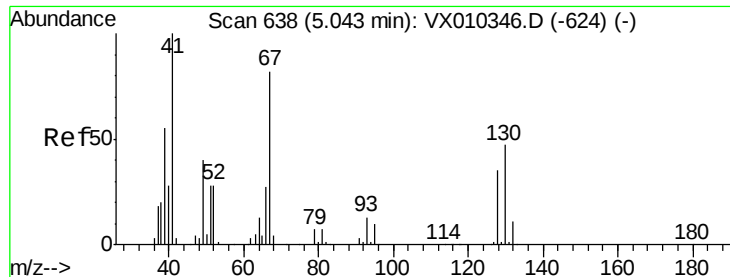


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#41

Methacrylonitrile

Concen: 5.209 ug/l

RT: 5.24 min Scan# 671

Delta R.T. 0.20 min

Lab File: VX010859.D

Acq: 13 Jul 2019 00:36

Instrument :

MSVOA_X

ClientSampled :

FL-0592

Tot Ion: 41 Resp: 8958

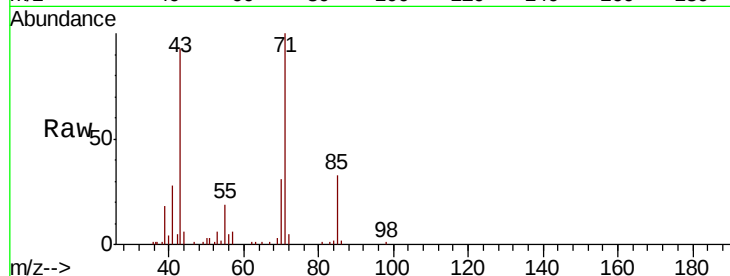
Ion Ratio Lower Upper

41 100

39 53.8 43.8 65.8

67 0.0 66.6 100.0#

52 0.0 24.5 36.7#

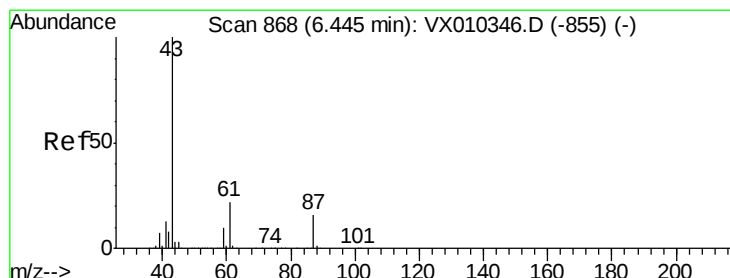
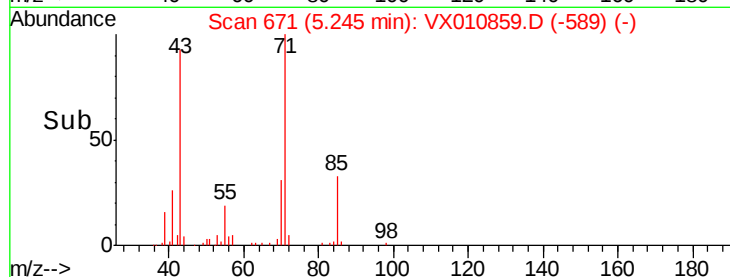
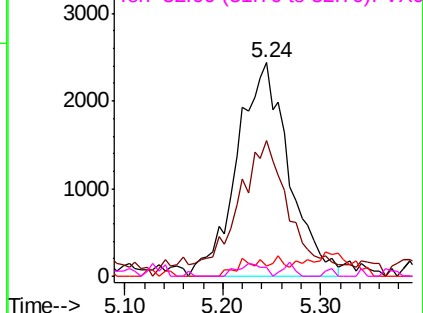


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#43

Isopropyl Acetate

Concen: 0.529 ug/l

RT: 6.45 min Scan# 869

Delta R.T. 0.01 min

Lab File: VX010859.D

Acq: 13 Jul 2019 00:36

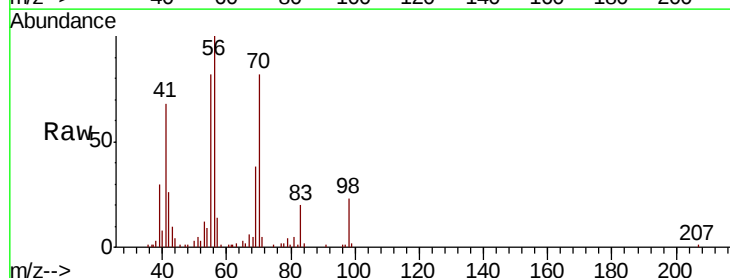
Tgt Ion: 43 Resp: 2745

Ion Ratio Lower Upper

43 100

61 3.1 17.8 26.6#

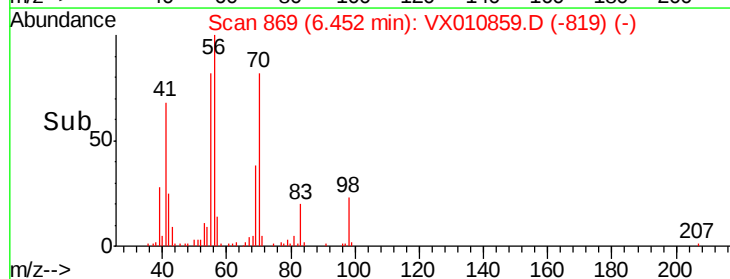
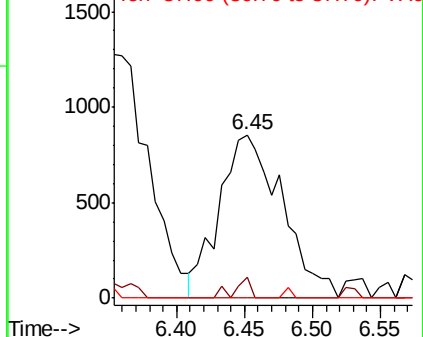
87 0.0 13.0 19.4#

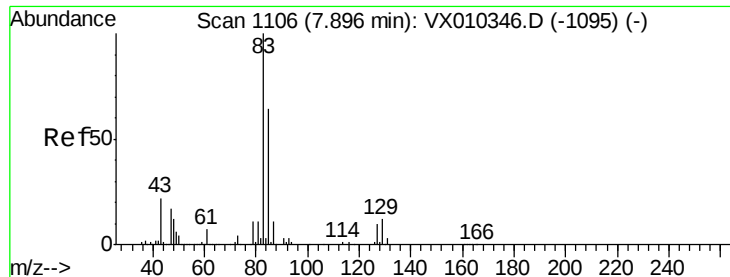


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#47

Bromodichloromethane

Concen: 0.446 ug/l

RT: 7.85 min Scan# 1099

Delta R.T. -0.04 min

Lab File: VX010859.D

Acq: 13 Jul 2019 00:36

Instrument :

MSVOA_X

ClientSampled :

FL-0592

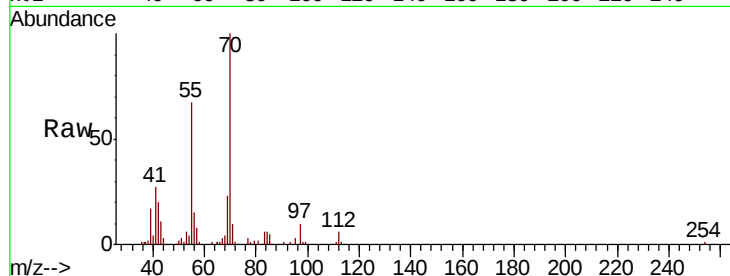
Tot Ion: 83 Resp: 1405

Ion Ratio Lower Upper

83 100

85 86.4 51.5 77.3#

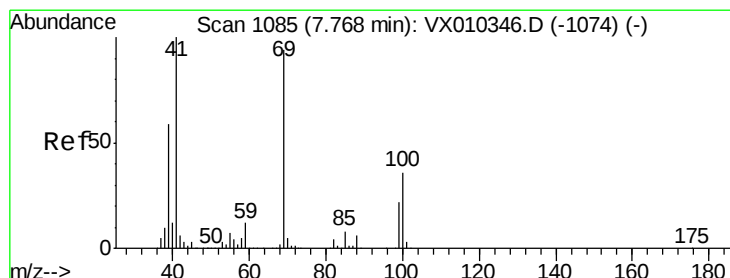
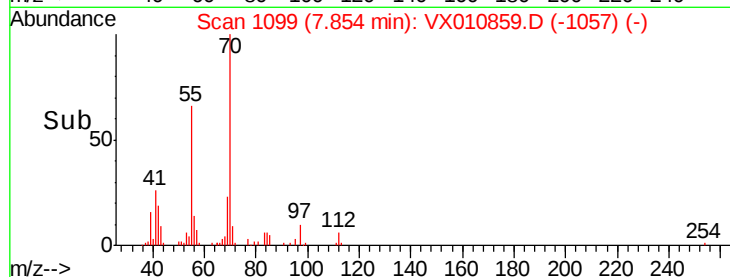
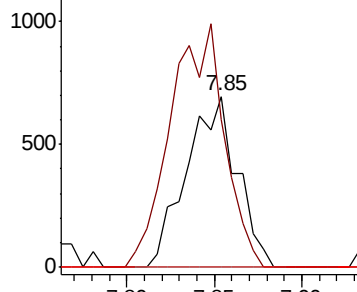
127 0.0 7.8 11.8#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 3.870 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.04 min

Lab File: VX010859.D

Acq: 13 Jul 2019 00:36

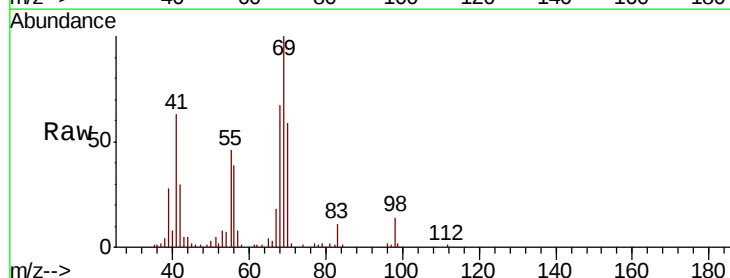
Tgt Ion: 41 Resp: 9329

Ion Ratio Lower Upper

41 100

69 150.8 76.1 114.1#

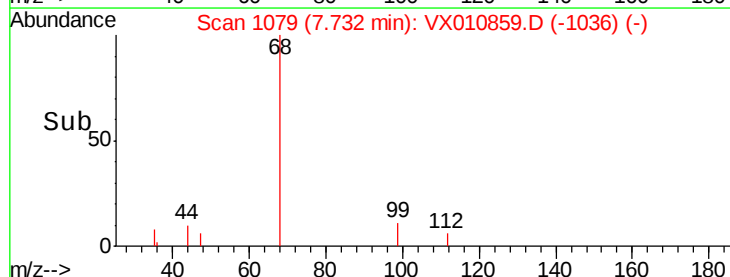
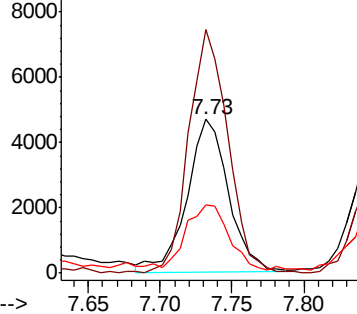
39 45.0 47.6 71.4#

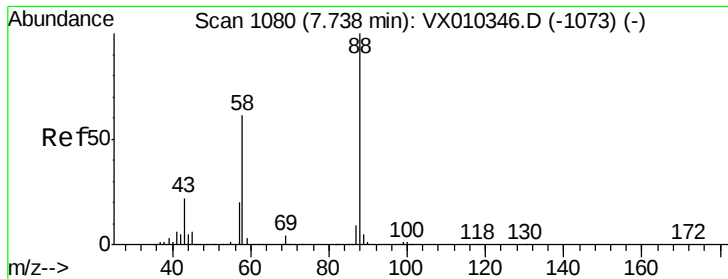


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

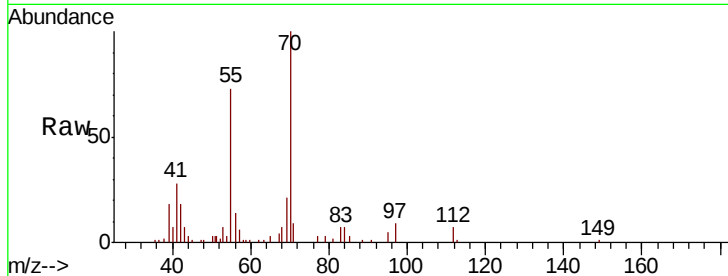




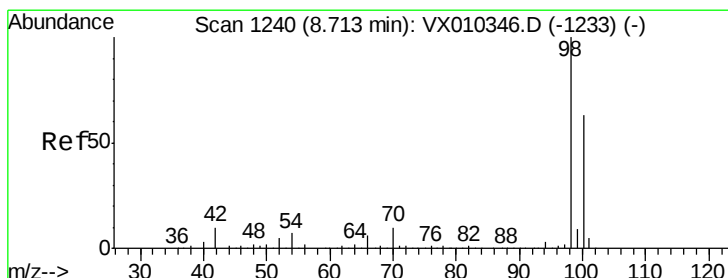
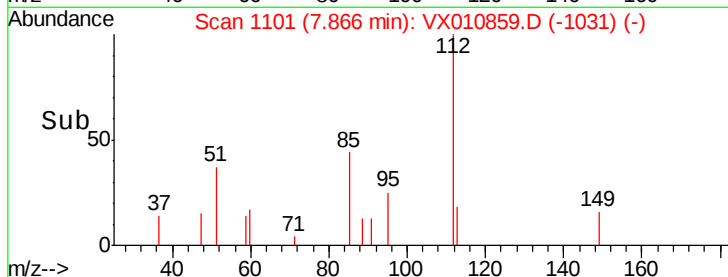
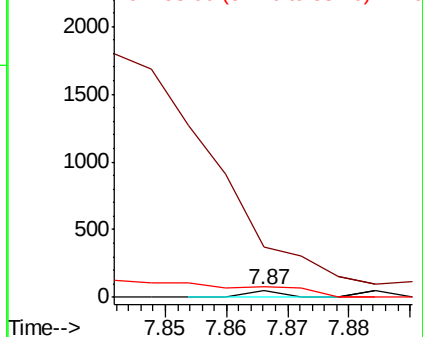
#49
1,4-Dioxane
Concen: 0.288 ug/l
RT: 7.87 min Scan# 1101
Delta R.T. 0.13 min
Lab File: VX010859.D
Acq: 13 Jul 2019 00:36

Instrument :
MSVOA_X
ClientSampleId :
FL-0592

Tot Ion: 88 Resp: 20
Ion Ratio Lower Upper
88 100
43 0.0 20.2 30.2#
58 0.0 49.5 74.3#

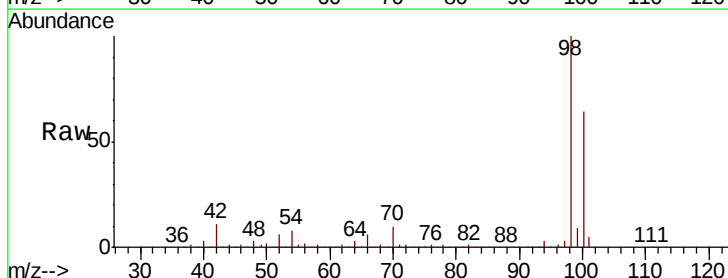


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

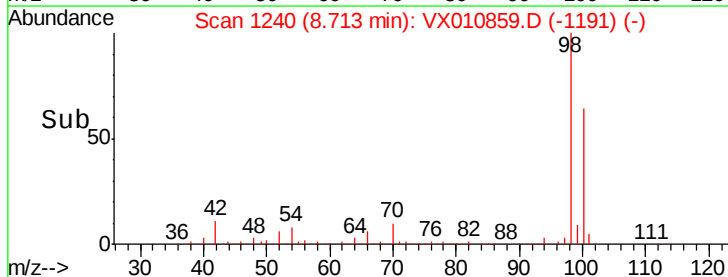
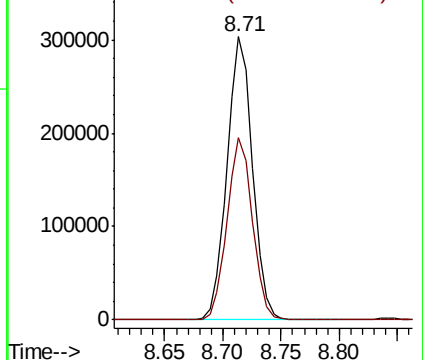


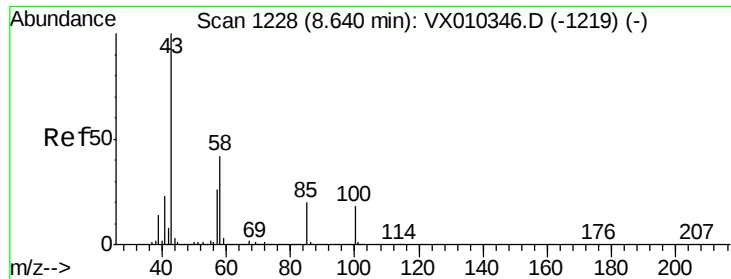
#50
Toluene-d8
Concen: 51.273 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010859.D
Acq: 13 Jul 2019 00:36

Tgt Ion: 98 Resp: 460186
Ion Ratio Lower Upper
98 100
100 64.4 51.6 77.4



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





#51

4-Methyl-2-Pentanone

Concen: 0.635 ug/l

RT: 8.67 min Scan# 1233

Delta R.T. 0.03 min

Lab File: VX010859.D

Acq: 13 Jul 2019 00:36

Instrument :

MSVOA_X

ClientSampled :

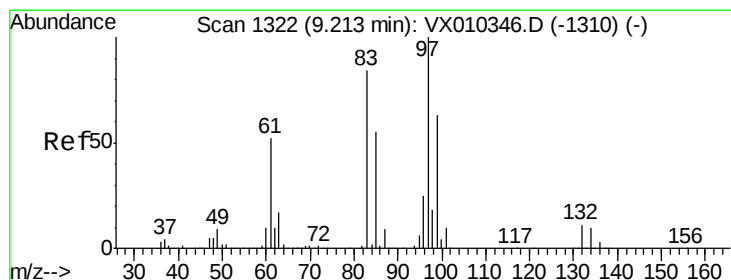
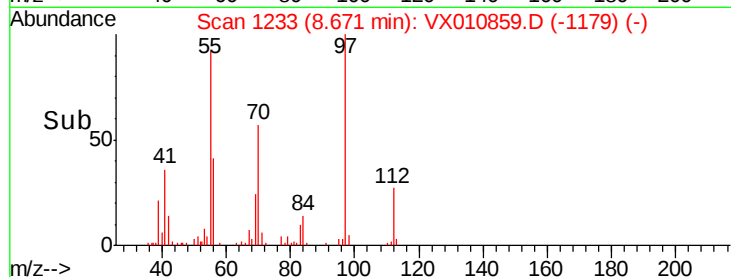
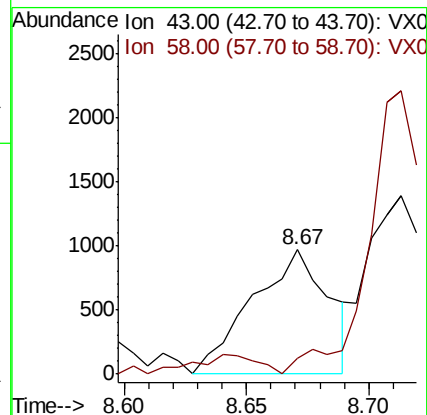
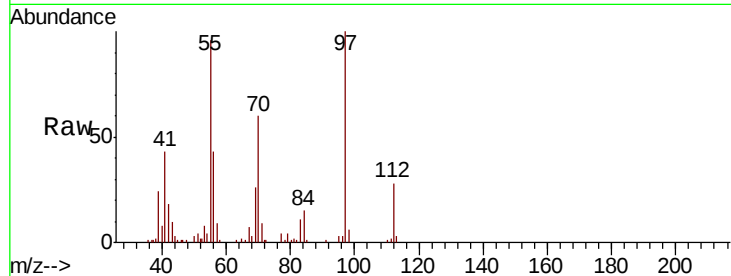
FL-0592

Tot Ion: 43 Resp: 2105

Ion Ratio Lower Upper

43 100

58 0.0 33.5 50.3#



#55

1,1,2-Trichloroethane

Concen: 7.804 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX010859.D

Acq: 13 Jul 2019 00:36

Tgt Ion: 97 Resp: 20121

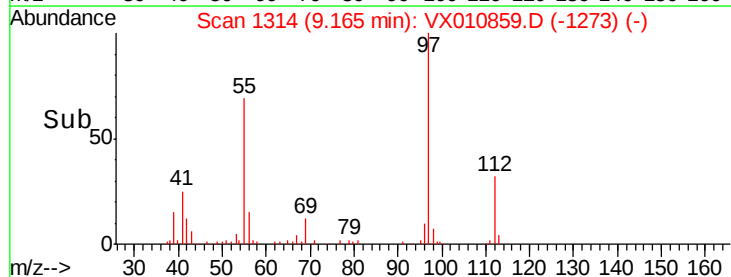
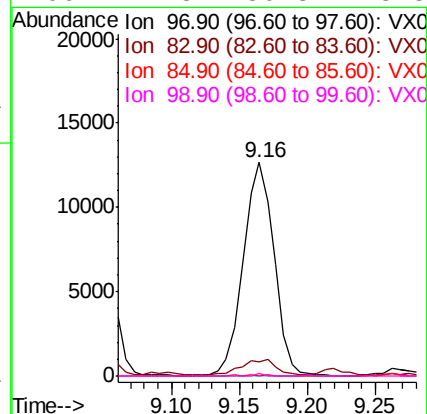
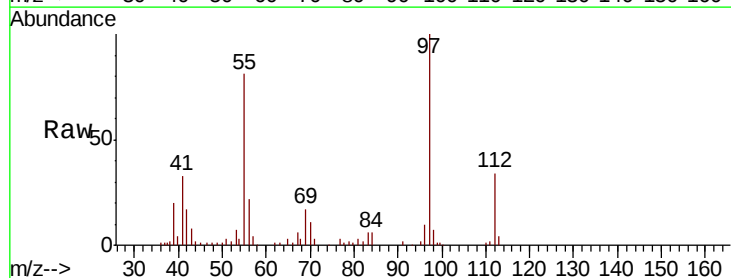
Ion Ratio Lower Upper

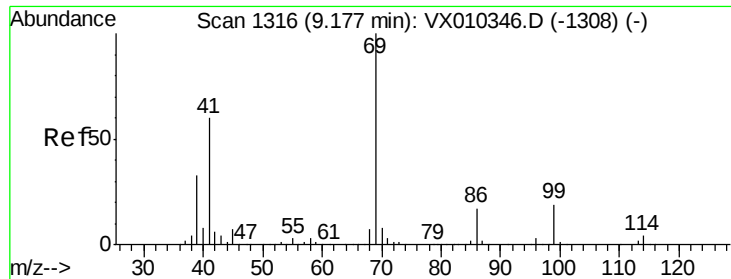
97 100

83 5.7 67.4 101.0#

85 0.0 43.8 65.8#

99 1.3 50.3 75.5#





#56

Ethyl methacrylate

Concen: 1.173 ug/l

RT: 9.16 min Scan# 1313

Delta R.T. -0.02 min

Lab File: VX010859.D

Acq: 13 Jul 2019 00:36

Instrument :

MSVOA_X

ClientSampleId :

FL-0592

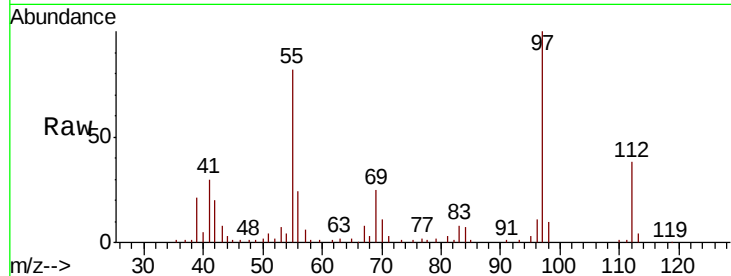
Tot Ion: 69 Resp: 4581

Ion Ratio Lower Upper

69 100

41 144.0 47.1 70.7#

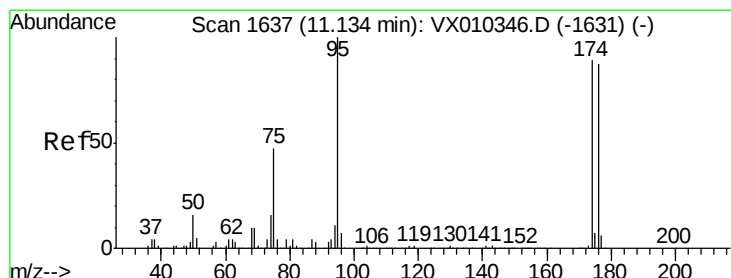
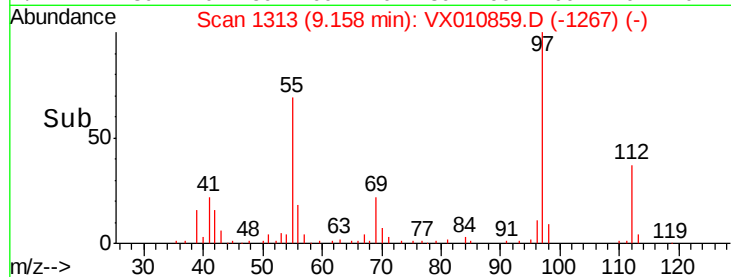
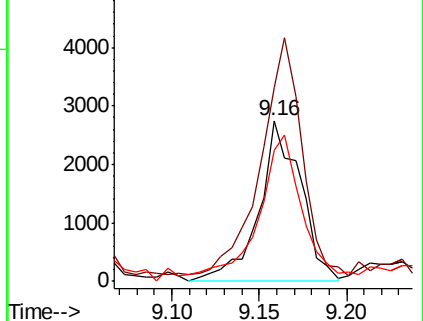
39 83.3 26.6 40.0#



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: 50.939 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010859.D

Acq: 13 Jul 2019 00:36

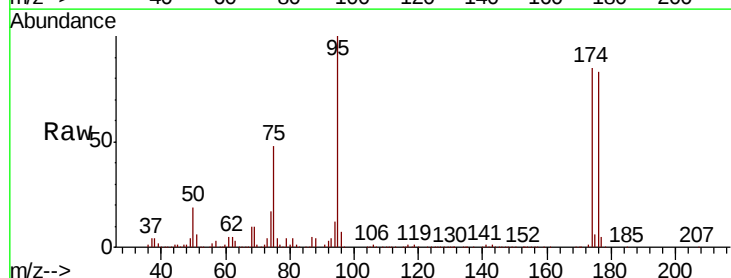
Tgt Ion: 95 Resp: 165057

Ion Ratio Lower Upper

95 100

174 91.4 0.0 187.6

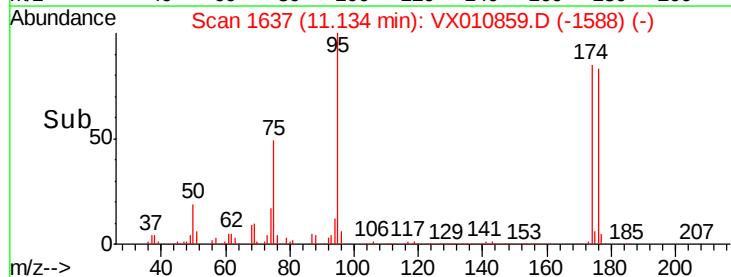
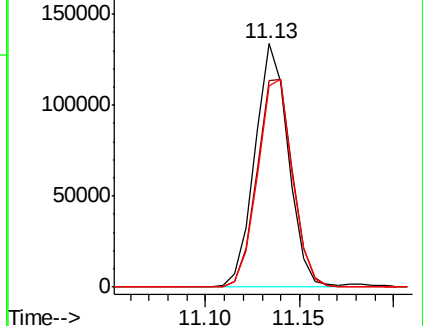
176 88.6 0.0 184.0

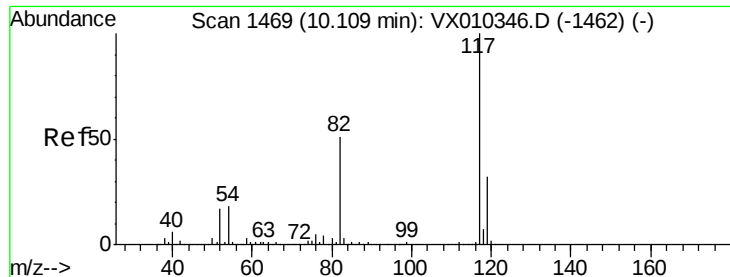


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

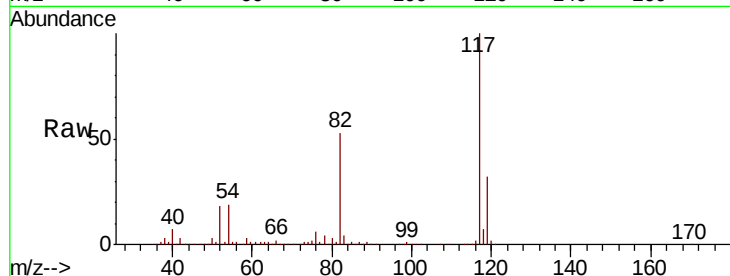




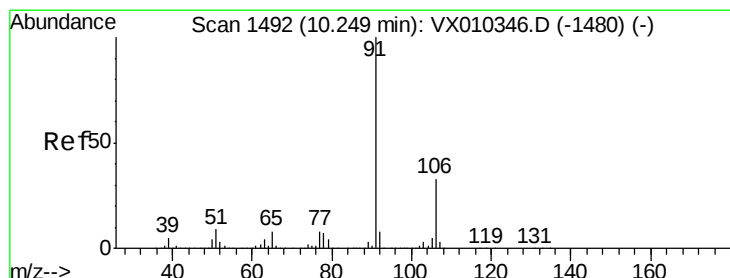
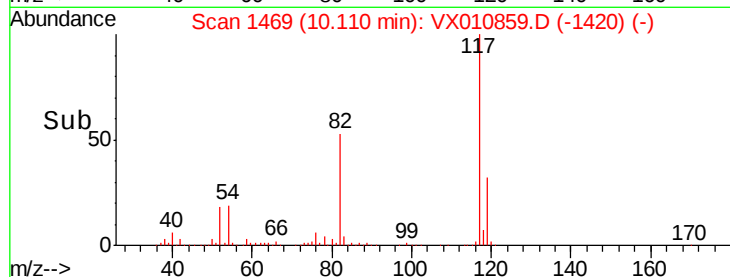
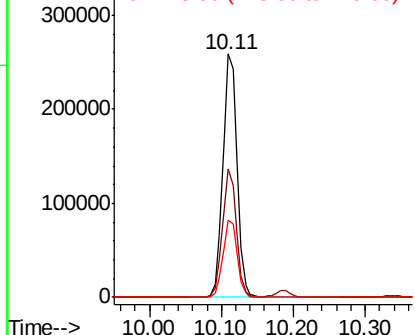
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010859.D
Acq: 13 Jul 2019 00:36

Instrument :
MSVOA_X
ClientSampled :
FL-0592

Tot Ion:117 Resp: 354328
Ion Ratio Lower Upper
117 100
82 52.7 41.2 61.8
119 31.9 25.5 38.3

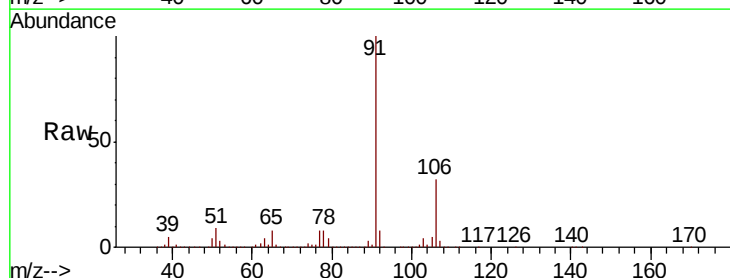


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

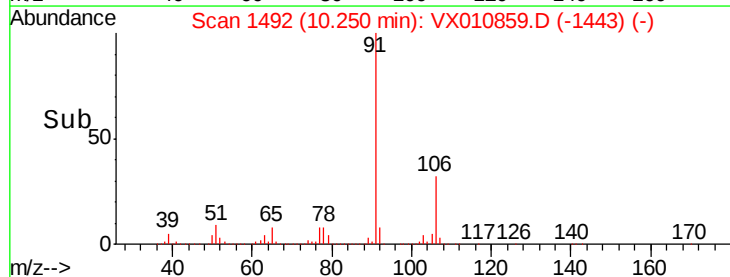
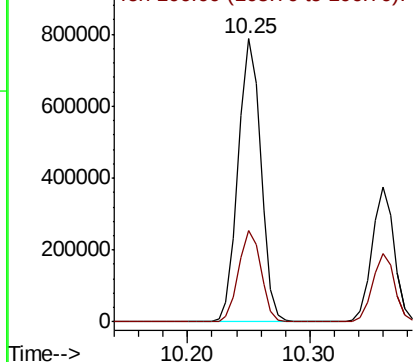


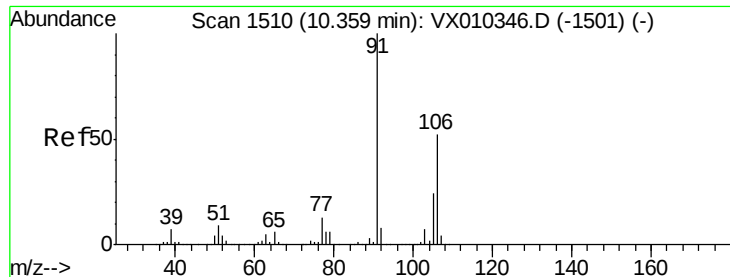
#67
Ethyl Benzene
Concen: 82.833 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010859.D
Acq: 13 Jul 2019 00:36

Tgt Ion: 91 Resp: 1005941
Ion Ratio Lower Upper
91 100
106 32.4 26.2 39.2



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

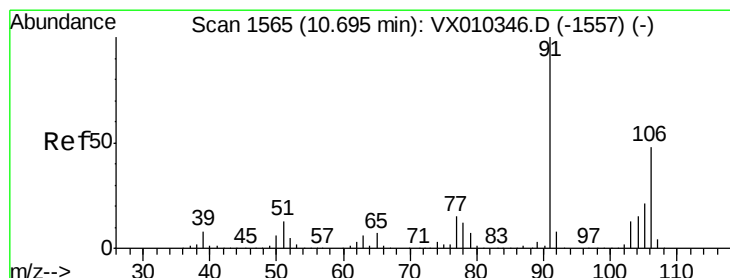
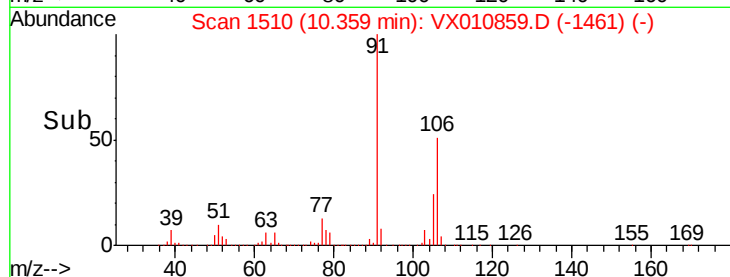
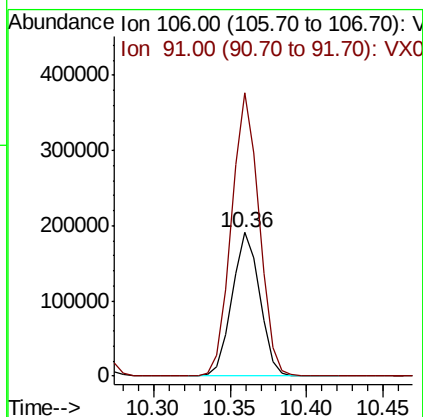
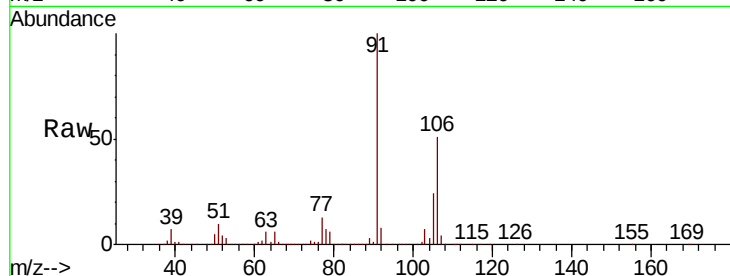




#68
m/p-Xylenes
Concen: 50.896 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010859.D
Acq: 13 Jul 2019 00:36

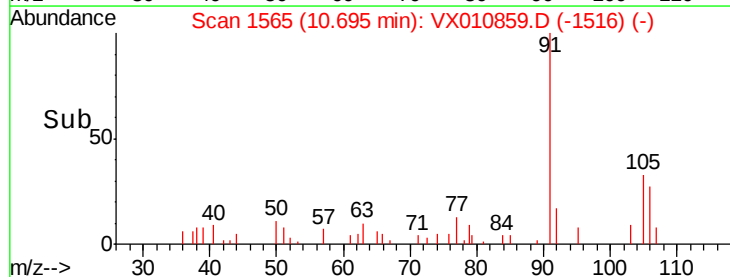
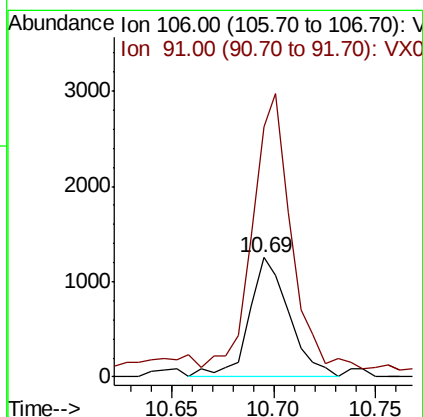
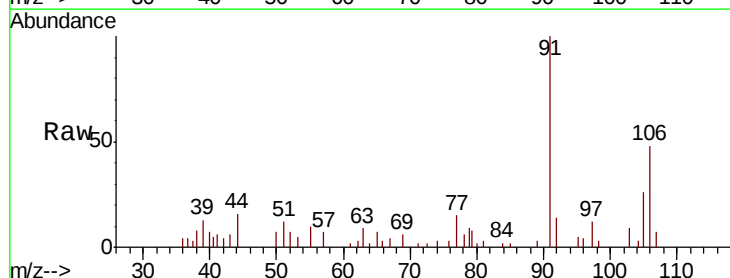
Instrument :
MSVOA_X
ClientSampled :
FL-0592

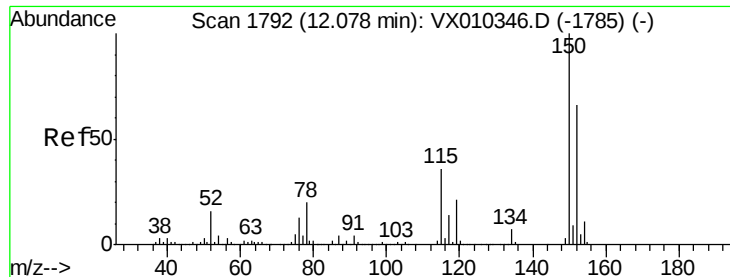
Tot Ion:106 Resp: 239497
Ion Ratio Lower Upper
106 100
91 196.8 155.3 232.9



#69
o-Xylene
Concen: 0.370 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010859.D
Acq: 13 Jul 2019 00:36

Tgt Ion:106 Resp: 1712
Ion Ratio Lower Upper
106 100
91 225.1 102.7 308.1



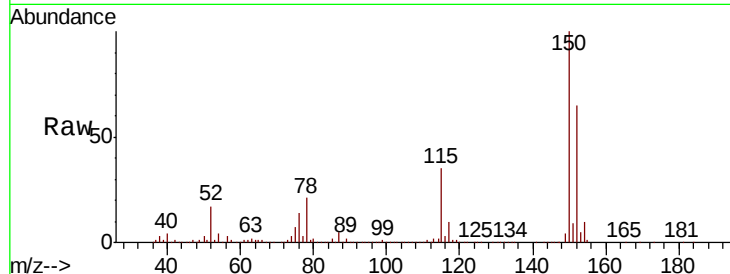


#72

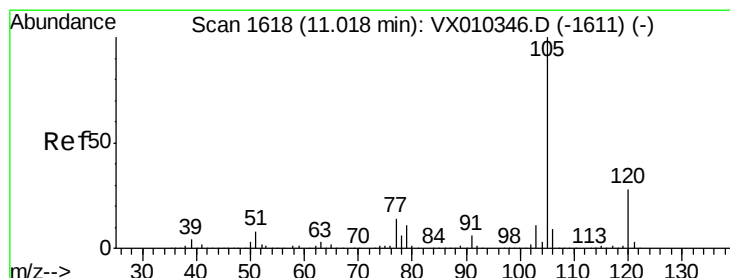
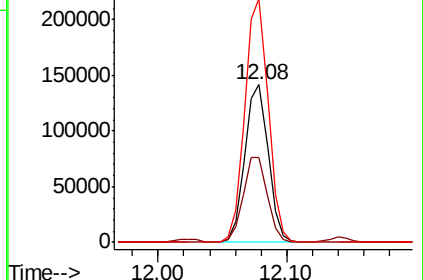
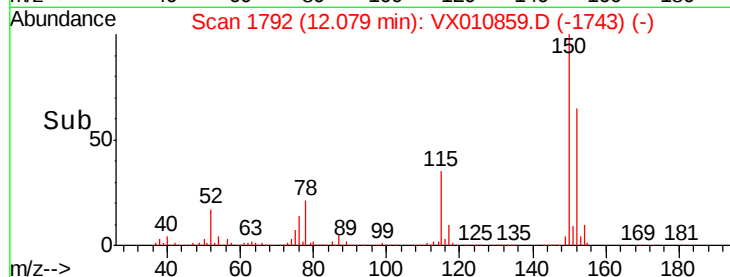
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010859.D
Acq: 13 Jul 2019 00:36

Instrument :
MSVOA_X
ClientSampleId :
FL-0592

Tot Ion:152 Resp: 176011
Ion Ratio Lower Upper
152 100
115 55.7 38.6 115.7
150 154.9 0.0 347.4



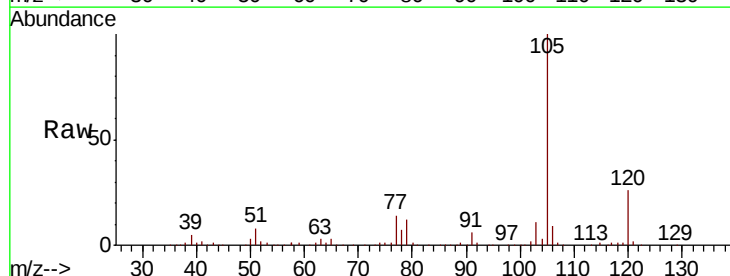
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



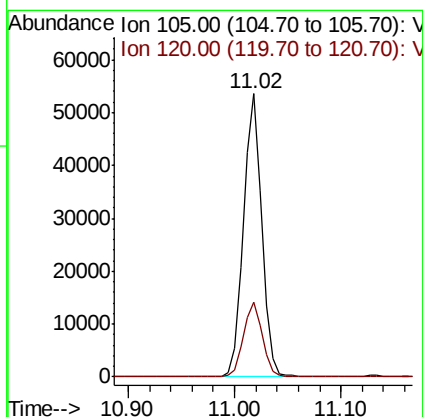
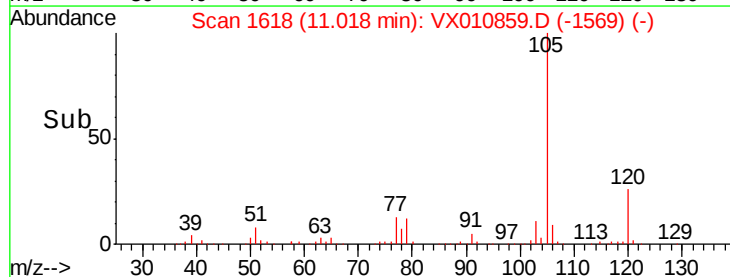
#73

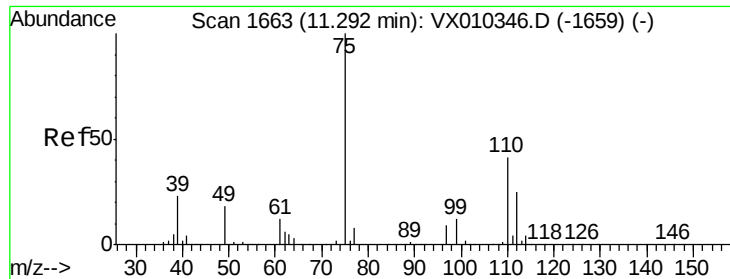
Isopropylbenzene
Concen: 5.423 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX010859.D
Acq: 13 Jul 2019 00:36

Tgt Ion:105 Resp: 64702
Ion Ratio Lower Upper
105 100
120 27.0 14.1 42.4



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

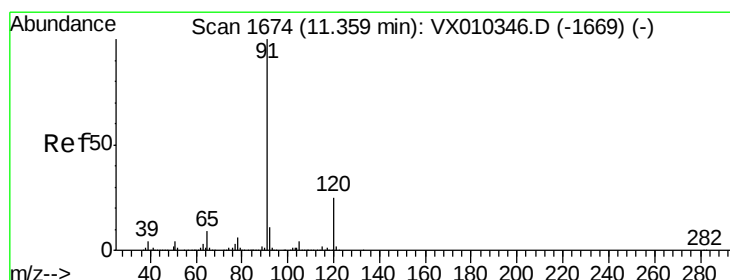
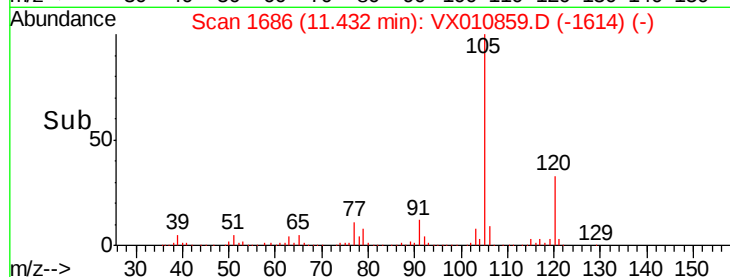
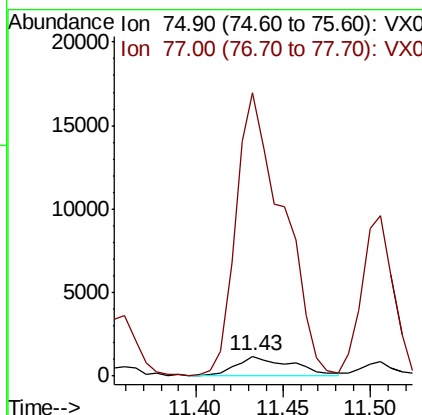
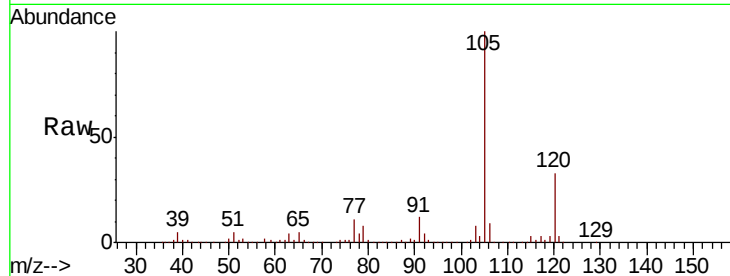




#76
1,2,3-Trichloropropane
Concen: 0.750 ug/l
RT: 11.43 min Scan# 1686
Delta R.T. 0.14 min
Lab File: VX010859.D
Acq: 13 Jul 2019 00:36

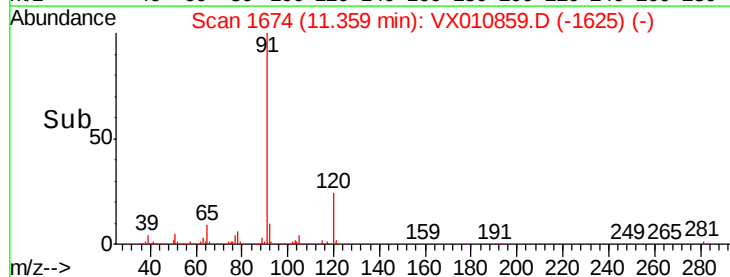
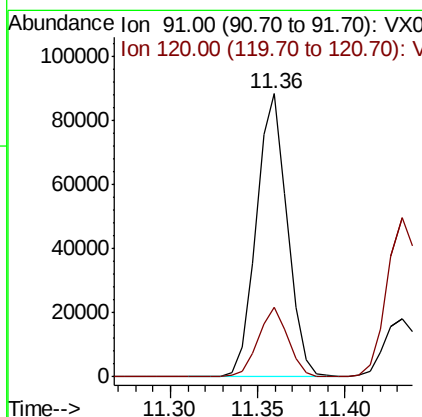
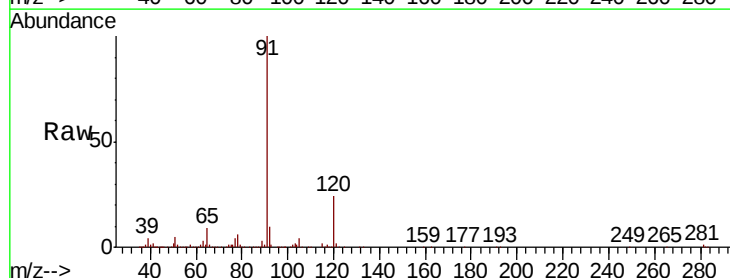
Instrument :
MSVOA_X
ClientSampleId :
FL-0592

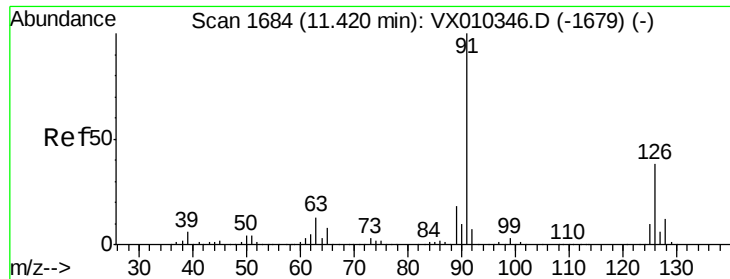
Tot Ion: 75 Resp: 2405
Ion Ratio Lower Upper
75 100
77 1326.5 22.6 67.8#



#78
n-propylbenzene
Concen: 8.271 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX010859.D
Acq: 13 Jul 2019 00:36

Tgt Ion: 91 Resp: 108462
Ion Ratio Lower Upper
91 100
120 23.6 12.4 37.4





#79

2-Chlorotoluene

Concen: 4.371 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX010859.D

Acq: 13 Jul 2019 00:36

Instrument :

MSVOA_X

ClientSampleId :

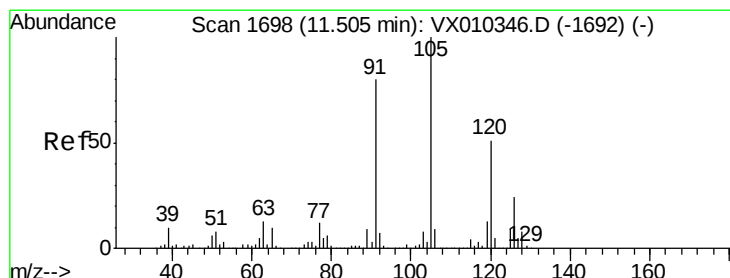
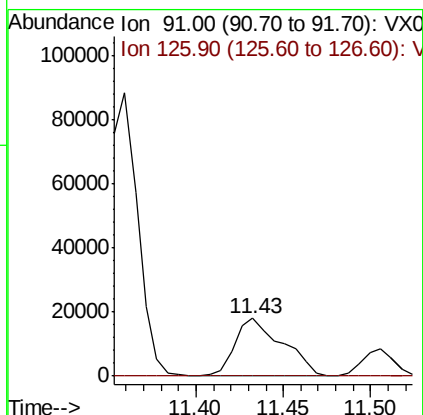
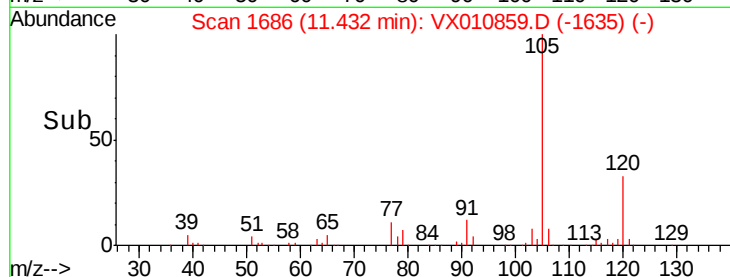
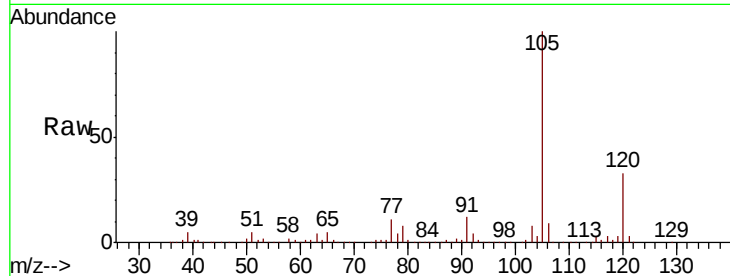
FL-0592

Tot Ion: 91 Resp: 34130

Ion Ratio Lower Upper

91 100

126 0.2 18.7 56.1#



#80

1,3,5-Trimethylbenzene

Concen: 9.822 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010859.D

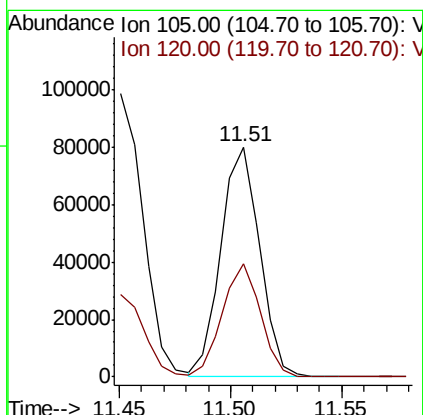
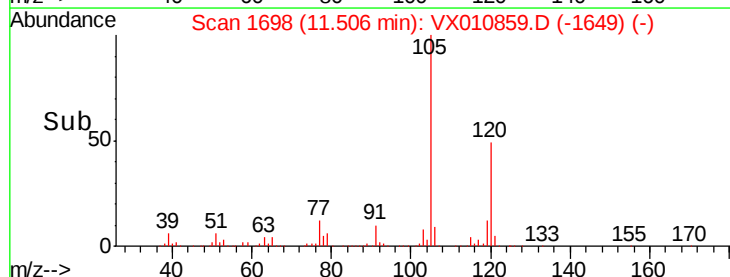
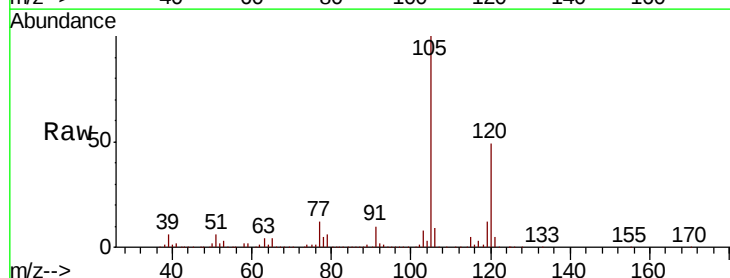
Acq: 13 Jul 2019 00:36

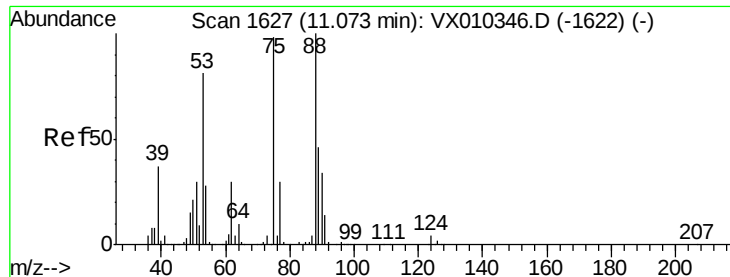
Tgt Ion:105 Resp: 96606

Ion Ratio Lower Upper

105 100

120 48.4 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 57.912 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010859.D

Acq: 13 Jul 2019 00:36

Instrument :

MSVOA_X

ClientSampleId :

FL-0592

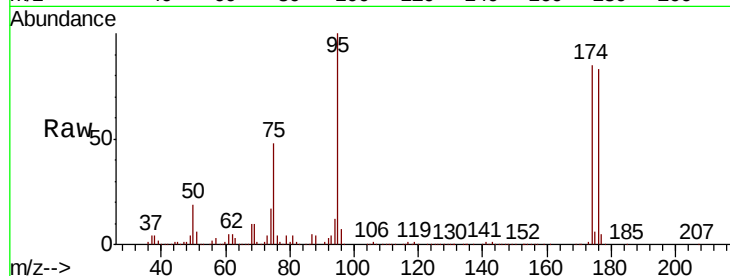
Tot Ion: 75 Resp: 79620

Ion Ratio Lower Upper

75 100

53 0.3 66.1 99.1#

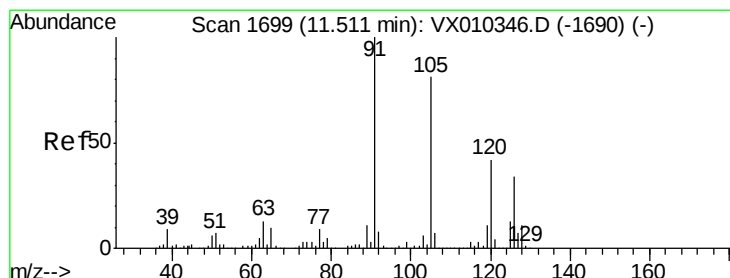
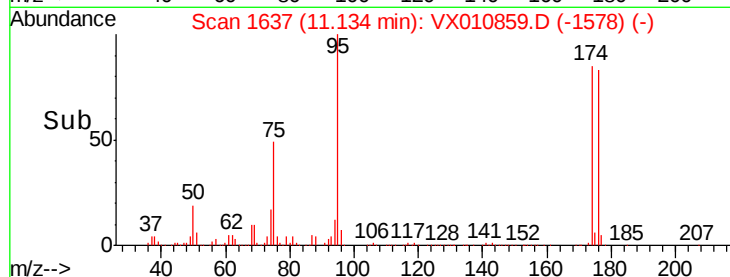
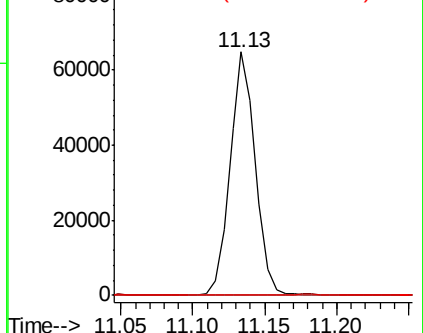
89 0.0 37.8 56.6#



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: 1.163 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX010859.D

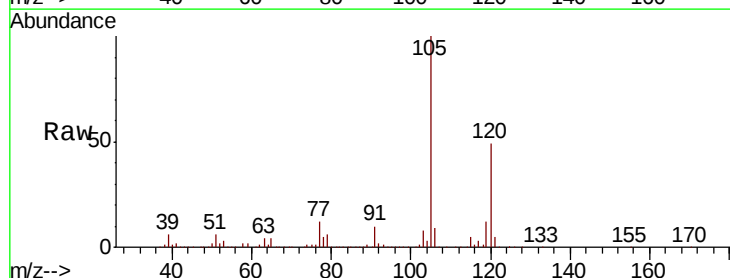
Acq: 13 Jul 2019 00:36

Tgt Ion: 91 Resp: 10332

Ion Ratio Lower Upper

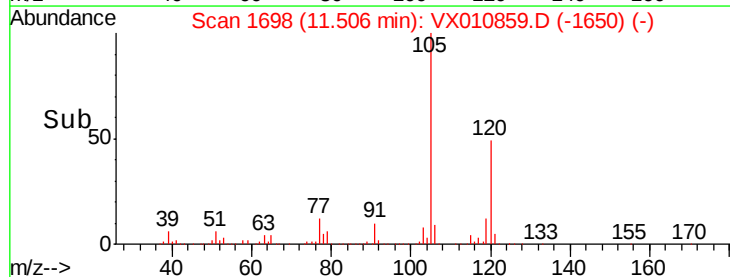
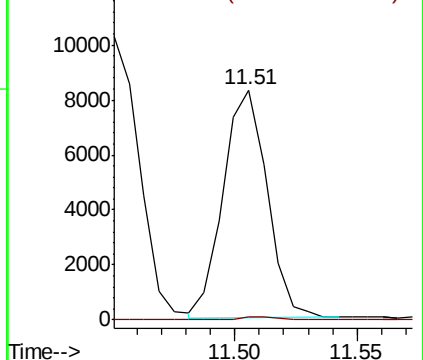
91 100

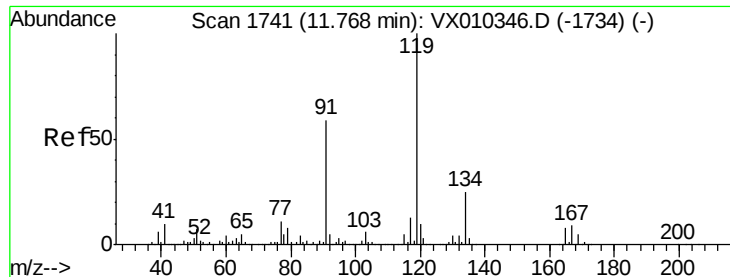
126 1.0 16.2 48.6#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 5.463 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.04 min

Lab File: VX010859.D

Acq: 13 Jul 2019 00:36

Instrument :

MSVOA_X

ClientSampled :

FL-0592

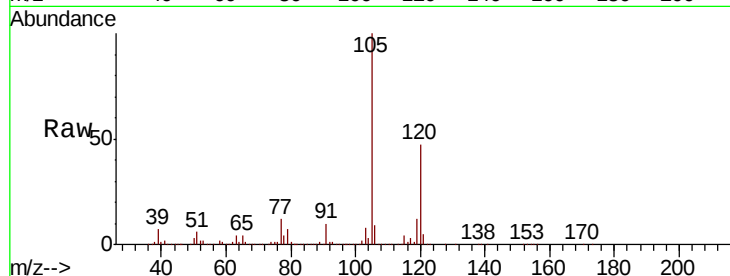
Tot Ion:119 Resp: 53929

Ion Ratio Lower Upper

119 100

91 82.5 27.6 82.7

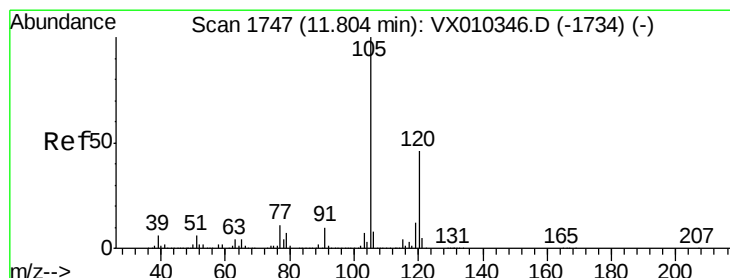
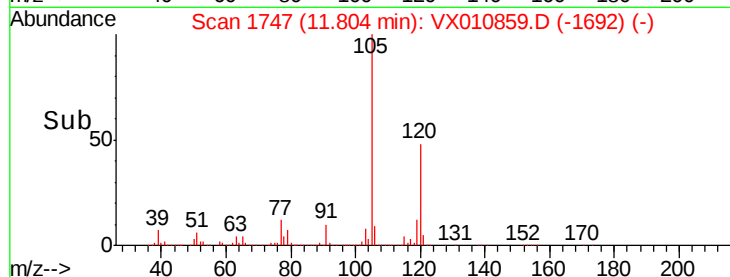
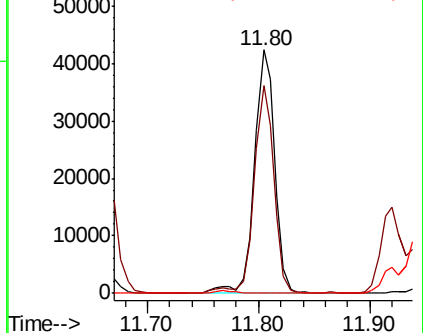
134 0.0 11.8 35.4#



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: 42.198 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010859.D

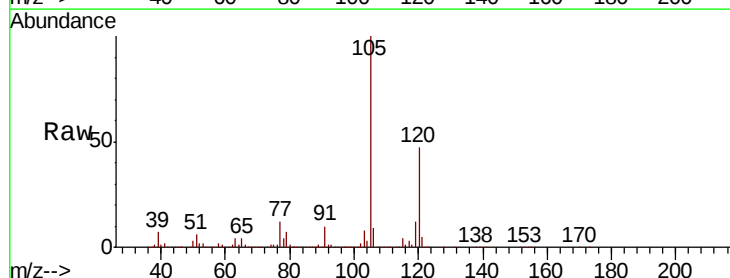
Acq: 13 Jul 2019 00:36

Tgt Ion:105 Resp: 417007

Ion Ratio Lower Upper

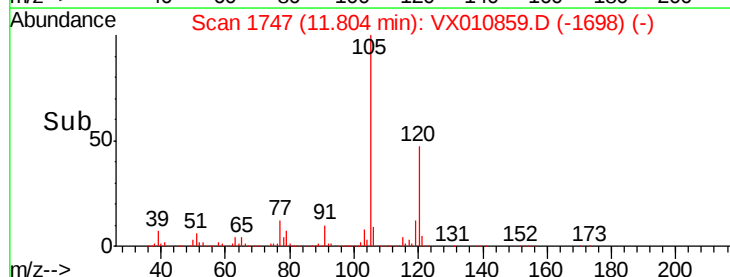
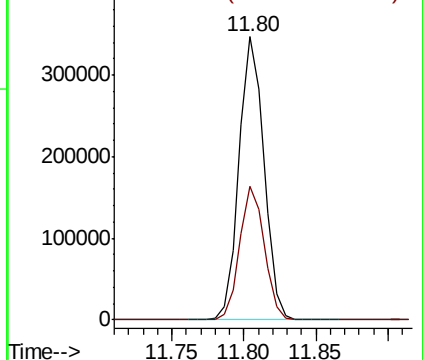
105 100

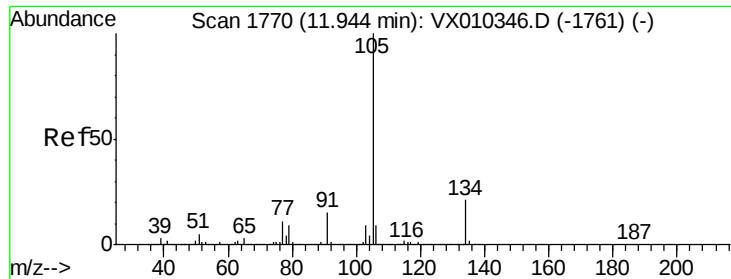
120 47.0 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 5.803 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010859.D

Acq: 13 Jul 2019 00:36

Instrument :

MSVOA_X

ClientSampleId :

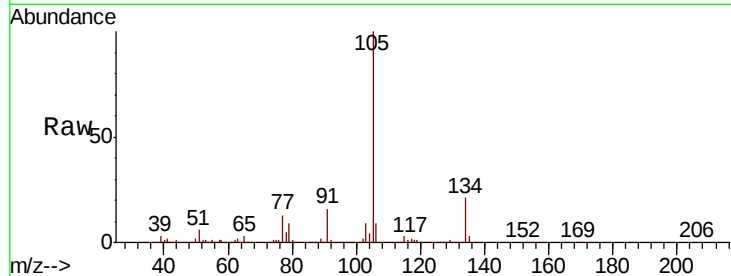
FL-0592

Tot Ion:105 Resp: 67261

Ion Ratio Lower Upper

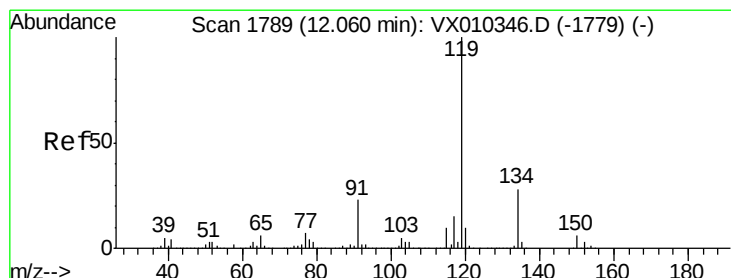
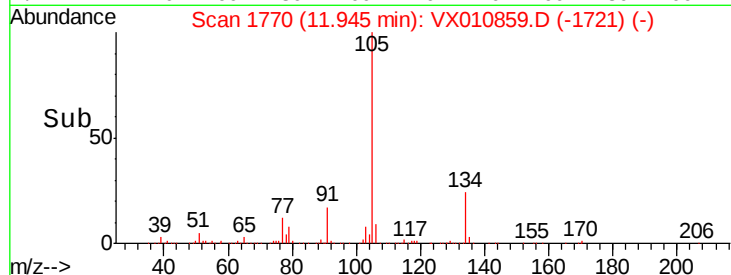
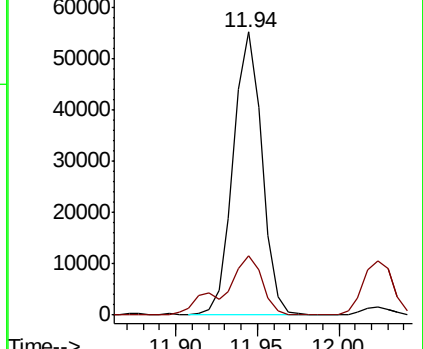
105 100

134 28.4 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: 1.023 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VX010859.D

Acq: 13 Jul 2019 00:36

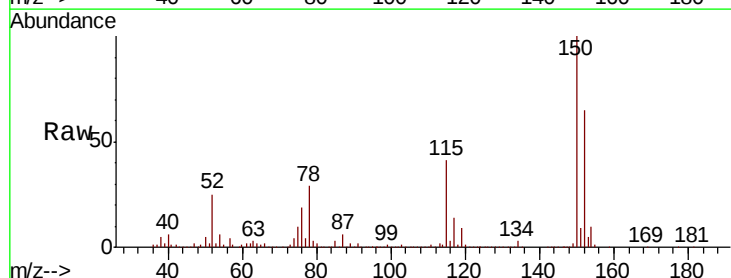
Tgt Ion:119 Resp: 10966

Ion Ratio Lower Upper

119 100

134 31.0 13.7 41.1

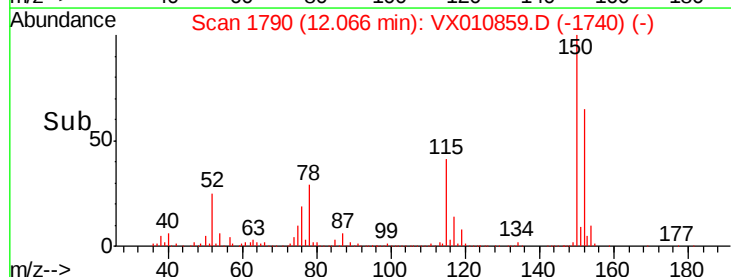
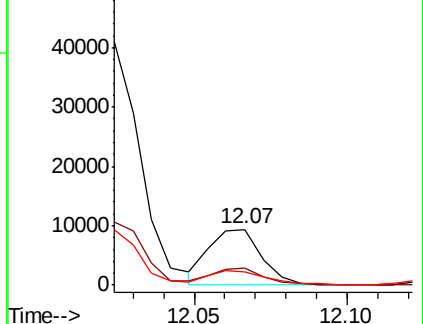
91 27.6 11.3 33.8

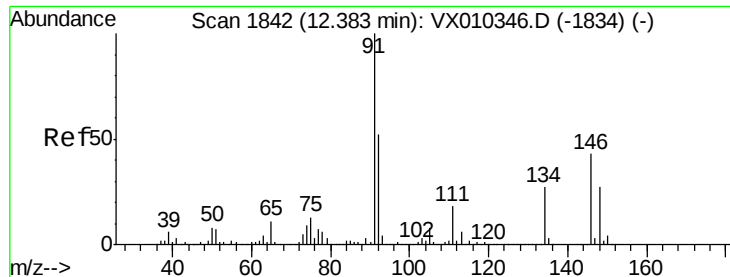


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

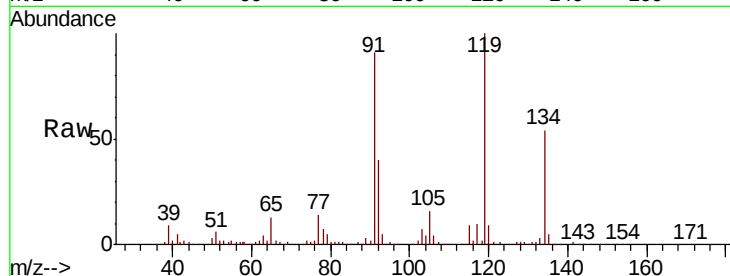




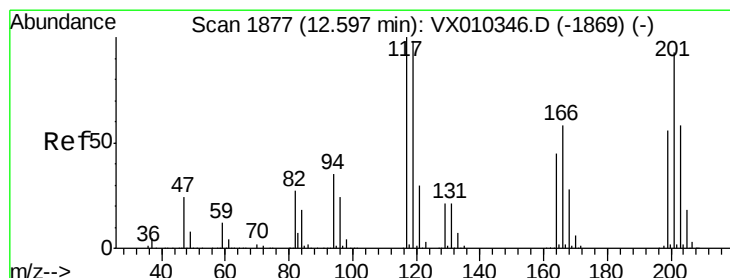
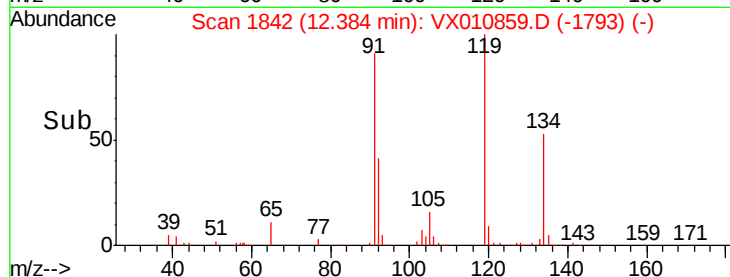
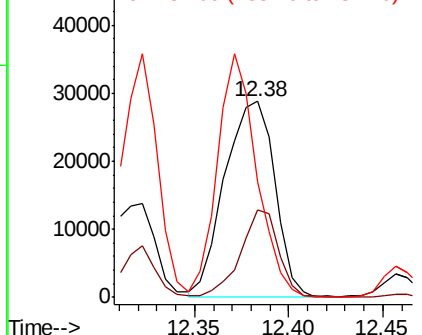
#89
n-Butylbenzene
Concen: 5.779 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010859.D
Acq: 13 Jul 2019 00:36

Instrument :
MSVOA_X
ClientSampleID :
FL-0592

Tot Ion: 91 Resp: 52654
Ion Ratio Lower Upper
91 100
92 34.2 26.2 78.5
134 98.4 14.1 42.4#

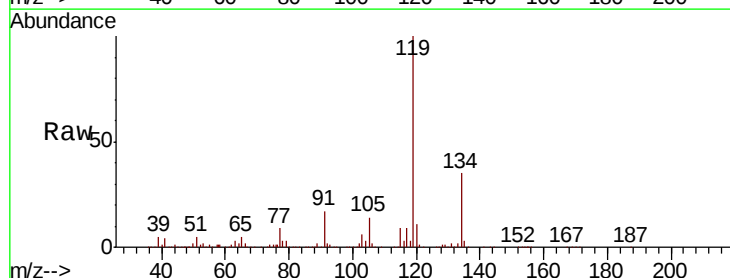


Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V

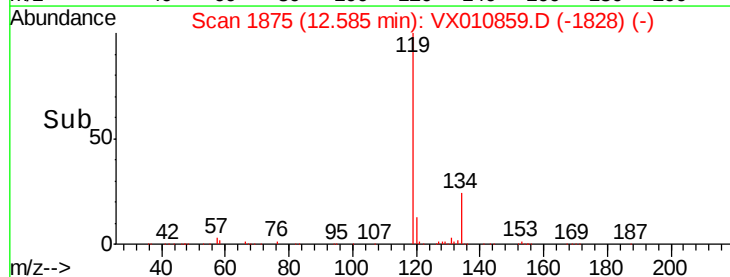
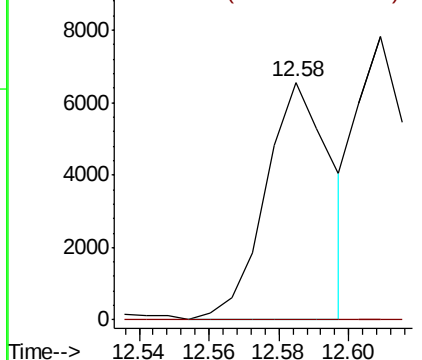


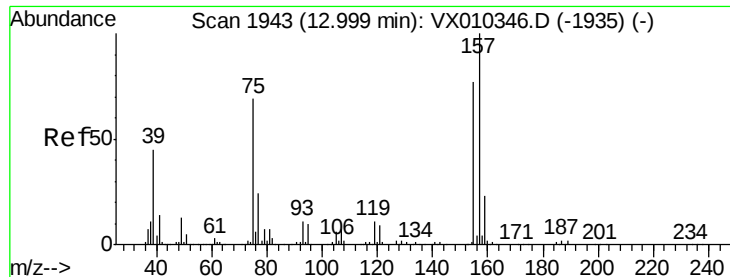
#90
Hexachloroethane
Concen: 4.611 ug/l
RT: 12.58 min Scan# 1875
Delta R.T. -0.01 min
Lab File: VX010859.D
Acq: 13 Jul 2019 00:36

Tgt Ion: 117 Resp: 8549
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: 1.073 ug/l

RT: 12.97 min Scan# 1939

Delta R.T. -0.02 min

Lab File: VX010859.D

Acq: 13 Jul 2019 00:36

Instrument :

MSVOA_X

ClientSampled :

FL-0592

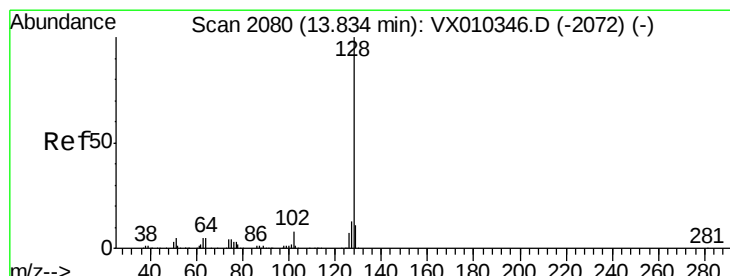
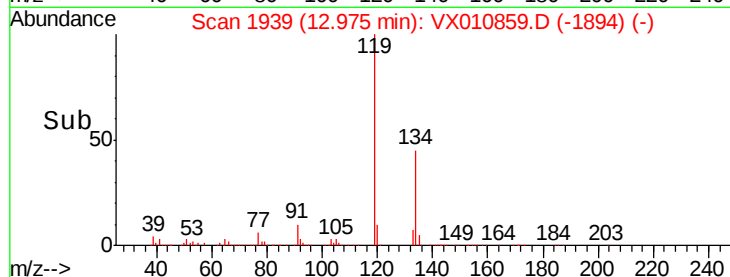
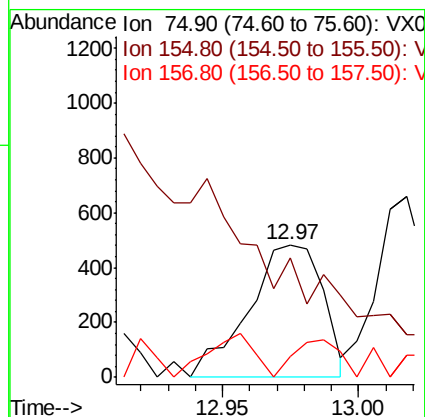
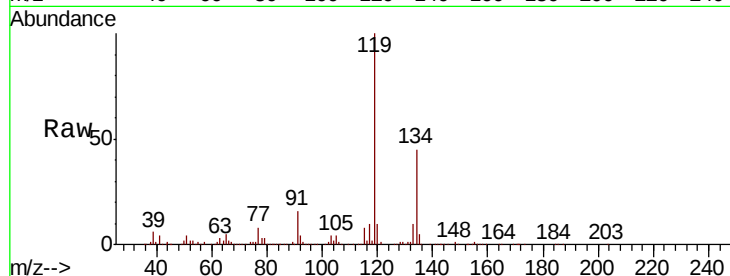
Tot Ion: 75 Resp: 914

Ion Ratio Lower Upper

75 100

155 0.0 54.4 163.1#

157 17.3 69.5 208.3#



#95

Naphthalene

Concen: 9.835 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010859.D

Acq: 13 Jul 2019 00:36

Tgt Ion: 128 Resp: 121137

Ion Ratio Lower Upper

128 100

127 13.7 10.2 15.4

129 14.3 8.9 13.3#

