

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071219\
 Data File : VX010841.D
 Acq On : 12 Jul 2019 17:13
 Operator : JC/SP
 Sample : K3786-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0584

Quant Time: Jul 13 01:40:56 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	5.67	168	215103	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	330149	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	307076	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	146499	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	107681	53.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.78%	
35) Dibromofluoromethane	5.50	113	101243	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	
50) Toluene-d8	8.71	98	404651	52.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.72%	
62) 4-Bromofluorobenzene	11.13	95	136550	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	

Target Compounds

					Qvalue
3) Chloromethane	1.33	50	893	0.513	ug/l 99
5) Bromomethane	1.67	94	552	0.594	ug/l # 43
6) Chloroethane	1.92	64	617	0.548	ug/l # 59
11) Tert butyl alcohol	3.02	59	1265	2.397	ug/l # 74
13) Acrolein	2.40	56	12990	37.105	ug/l # 72
14) Allyl chloride	2.84	41	35274	13.326	ug/l # 60
15) Acrylonitrile	3.17	53	9942	9.515	ug/l # 40
16) Acetone	2.39	43	33932	33.571	ug/l # 48
18) Methyl Acetate	2.85	43	77430	38.436	ug/l # 48
20) Methylene Chloride	2.86	84	743	0.357	ug/l # 1
25) 2-Butanone	4.55	43	1409	0.950	ug/l # 67
31) Cyclohexane	5.58	56	174953	60.056	ug/l 95
36) 1,1-Dichloropropene	5.66	75	13902	5.299	ug/l # 48
38) Carbon Tetrachloride	5.67	117	19582	6.893	ug/l # 16
39) Methylcyclohexane	7.46	83	160626	46.577	ug/l 96
43) Isopropyl Acetate	6.46	43	3307	0.741	ug/l # 60
48) Methyl methacrylate	7.74	41	8382	4.038	ug/l # 57
49) 1,4-Dioxane	7.82	88	23	0.385	ug/l # 28
51) 4-Methyl-2-Pentanone	8.66	43	2576	0.902	ug/l # 42
55) 1,1,2-Trichloroethane	9.16	97	13847	6.238	ug/l # 19
56) Ethyl methacrylate	9.16	69	3376	1.004	ug/l # 19
59) 2-Hexanone	9.35	43	471	0.210	ug/l 72
67) Ethyl Benzene	10.25	91	33453	3.179	ug/l 99
68) m/p-Xylenes	10.36	106	26332	6.457	ug/l 97
69) o-Xylene	10.70	106	1780	0.444	ug/l 98
73) Isopropylbenzene	11.02	105	6040	0.608	ug/l 94
75) 1,1,2,2-Tetrachloroethane	11.27	83	1758	0.535	ug/l # 35
76) 1,2,3-Trichloropropane	11.13	75	67918	25.441	ug/l # 33
78) n-propylbenzene	11.36	91	10518	0.964	ug/l 97
80) 1,3,5-Trimethylbenzene	11.51	105	36759	4.490	ug/l 98
81) trans-1,4-Dichloro-2-buten	11.13	75	67918	59.352	ug/l # 16
82) 4-Chlorotoluene	11.51	91	4174	0.564	ug/l # 42
84) 1,2,4-Trimethylbenzene	11.80	105	79111	9.618	ug/l 99
85) sec-Butylbenzene	11.94	105	5205	0.540	ug/l 84

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

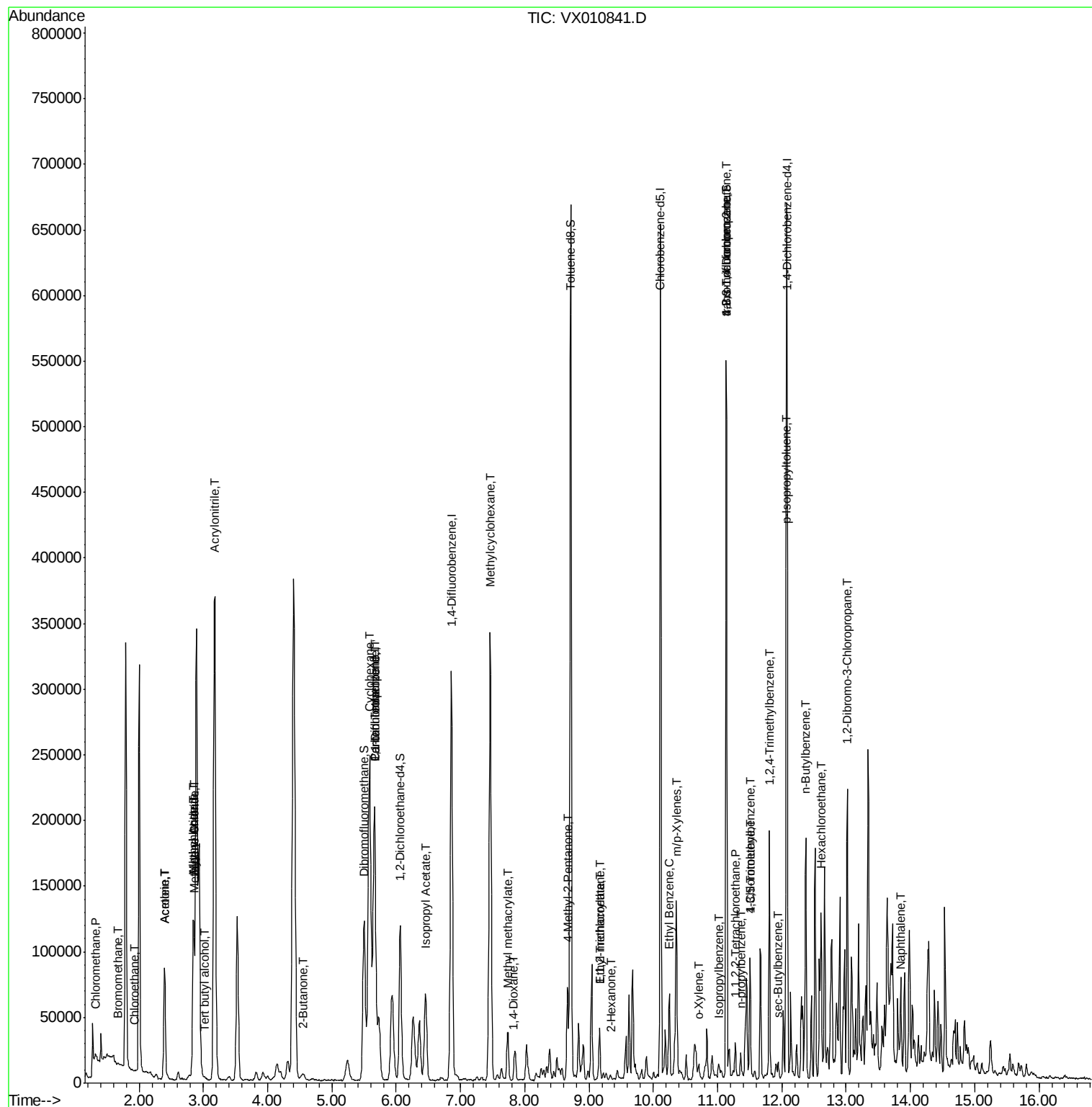
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	12.06	119	15511	1.738	ug/l	94
89) n-Butylbenzene	12.37	91	13943	1.839	ug/l #	1
90) Hexachloroethane	12.61	117	8702	5.639	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	13.02	75	640	0.903	ug/l #	1
95) Naphthalene	13.83	128	6864	0.670	ug/l #	62

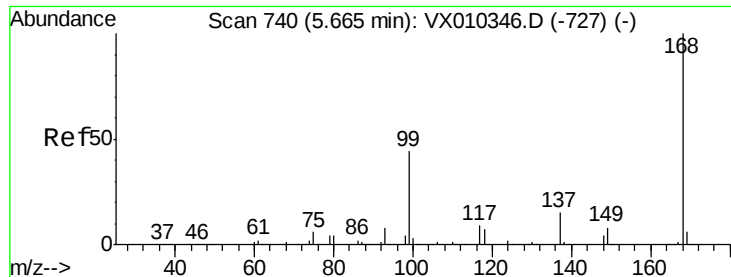
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010841.D

Acq: 12 Jul 2019 17:13

Instrument :

MSVOA_X

ClientSampled :

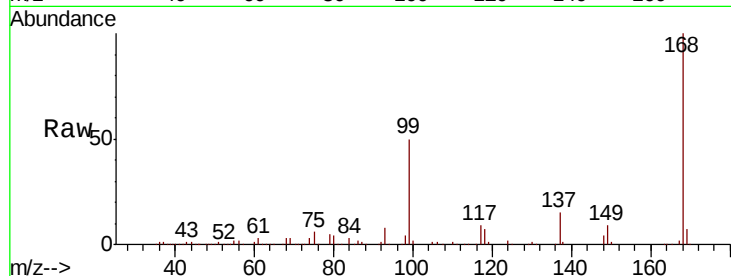
FL-0584

Tot Ion:168 Resp: 215103

Ion Ratio Lower Upper

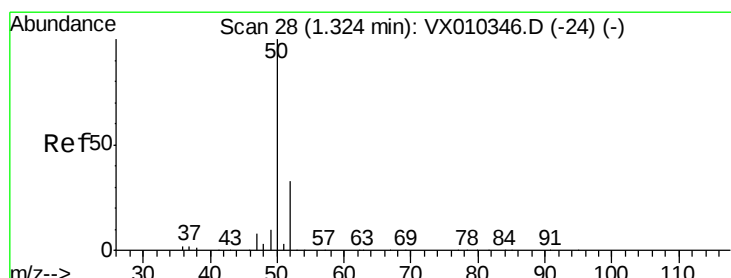
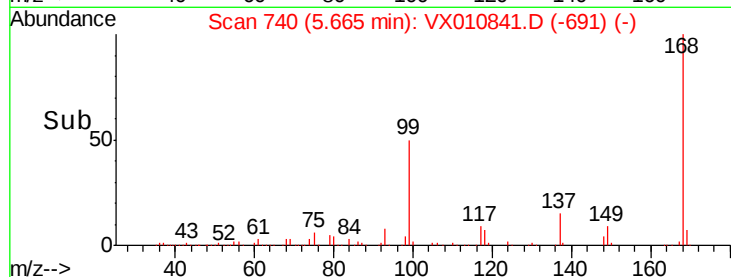
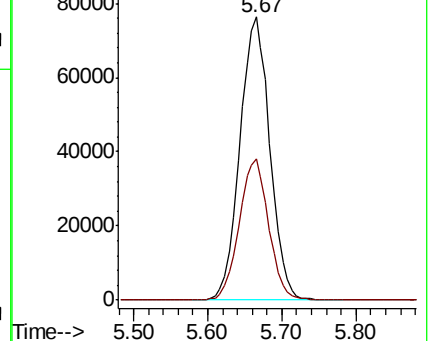
168 100

99 49.7 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.513 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010841.D

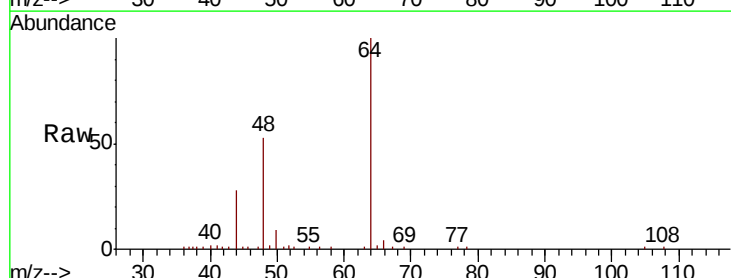
Acq: 12 Jul 2019 17:13

Tgt Ion: 50 Resp: 893

Ion Ratio Lower Upper

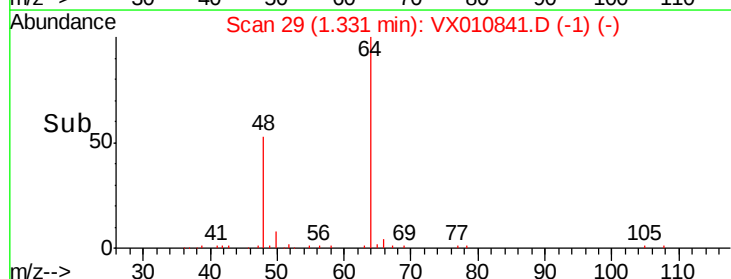
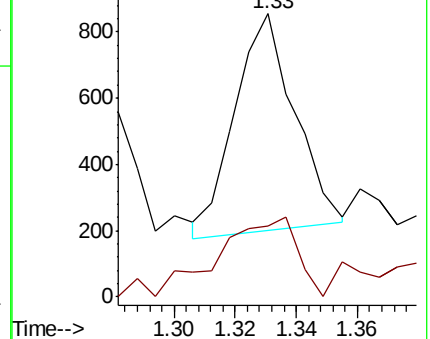
50 100

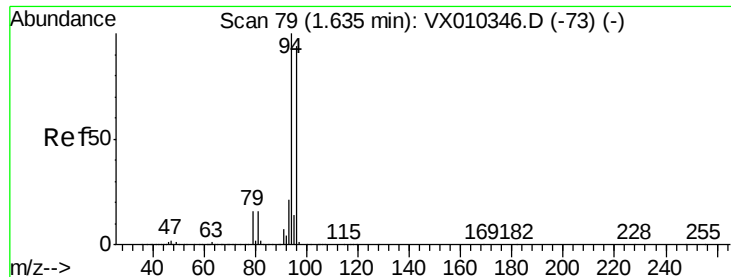
52 33.9 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: 0.594 ug/l

RT: 1.67 min Scan# 85

Delta R.T. 0.04 min

Lab File: VX010841.D

Acq: 12 Jul 2019 17:13

Instrument :

MSVOA_X

ClientSampled :

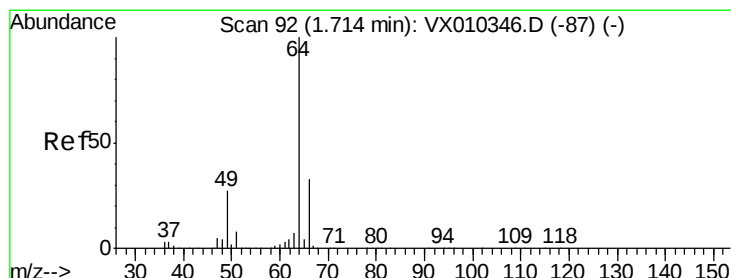
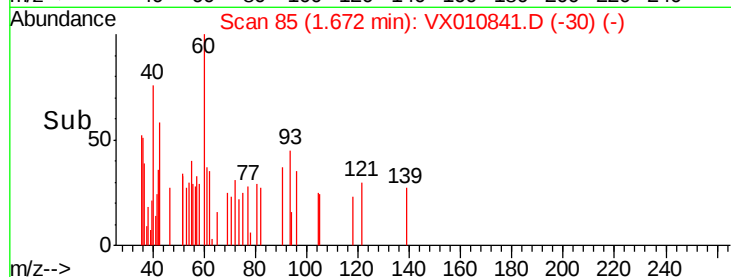
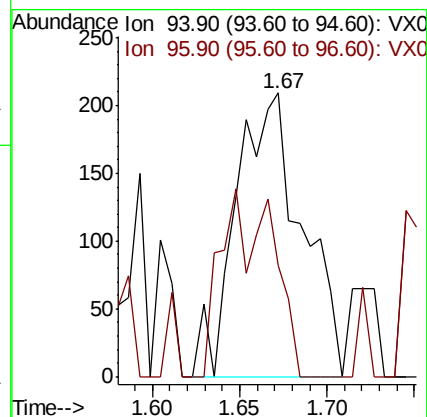
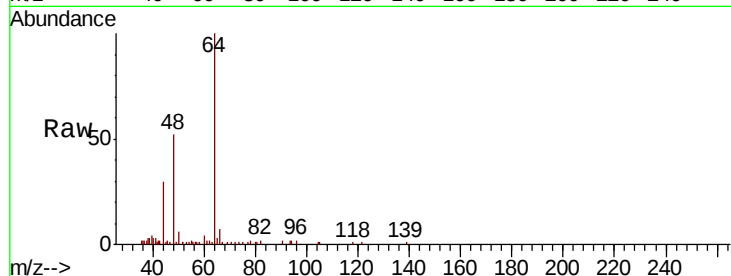
FL-0584

Tot Ion: 94 Resp: 552

Ion Ratio Lower Upper

94 100

96 39.2 75.5 113.3#



#6

Chloroethane

Concen: 0.548 ug/l

RT: 1.92 min Scan# 126

Delta R.T. 0.21 min

Lab File: VX010841.D

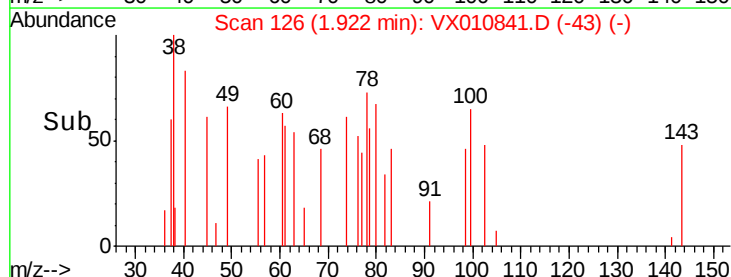
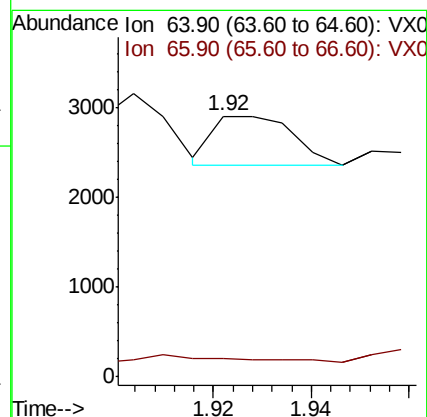
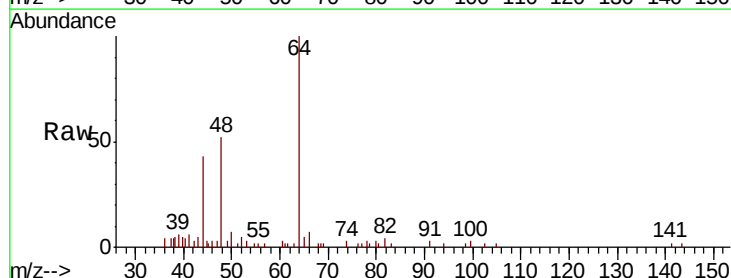
Acq: 12 Jul 2019 17:13

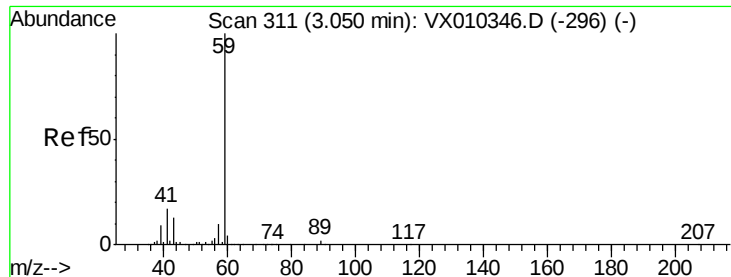
Tgt Ion: 64 Resp: 617

Ion Ratio Lower Upper

64 100

66 10.0 26.6 40.0#



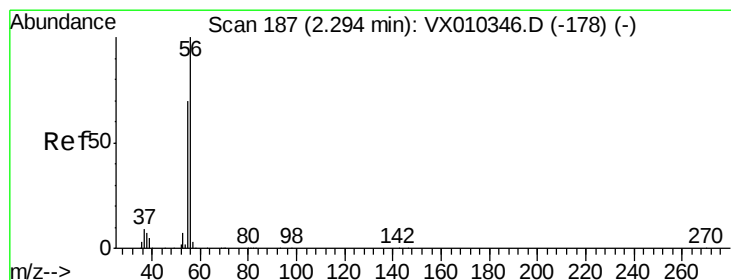
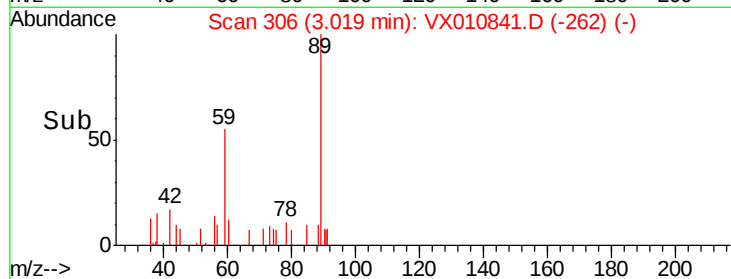
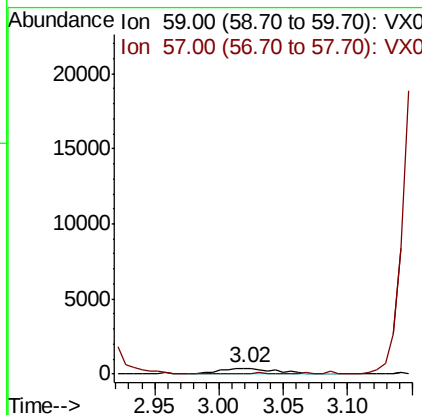
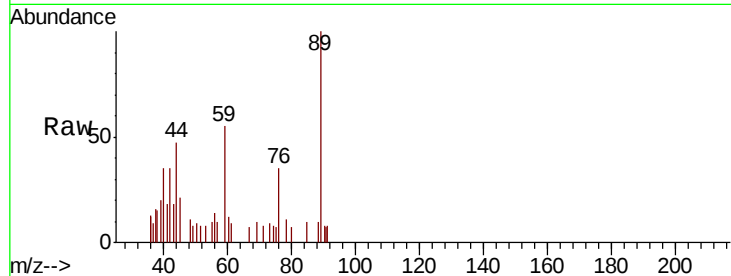


#11

Tert butyl alcohol
 Concen: 2.397 ug/l
 RT: 3.02 min Scan# 306
 Delta R.T. -0.03 min
 Lab File: VX010841.D
 Acq: 12 Jul 2019 17:13

Instrument :
 MSVOA_X
 ClientSampled :
 FL-0584

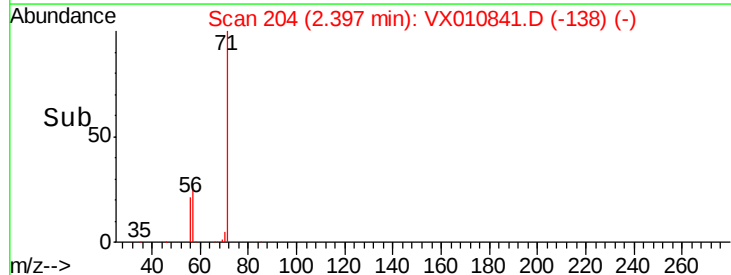
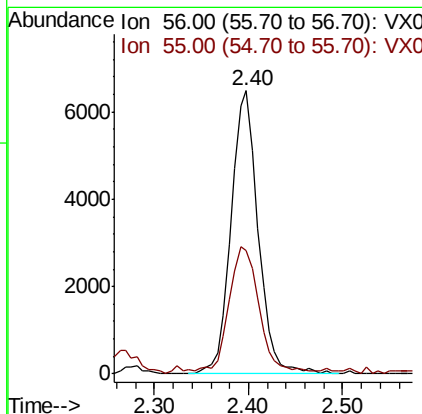
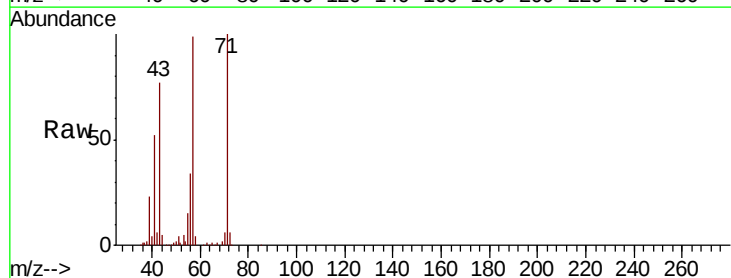
Tot Ion: 59 Resp: 1265
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.7 11.5#

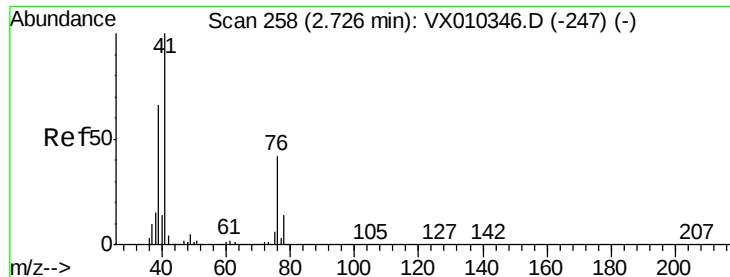


#13

Acrolein
 Concen: 37.105 ug/l
 RT: 2.40 min Scan# 204
 Delta R.T. 0.10 min
 Lab File: VX010841.D
 Acq: 12 Jul 2019 17:13

Tgt Ion: 56 Resp: 12990
 Ion Ratio Lower Upper
 56 100
 55 48.2 56.9 85.3#

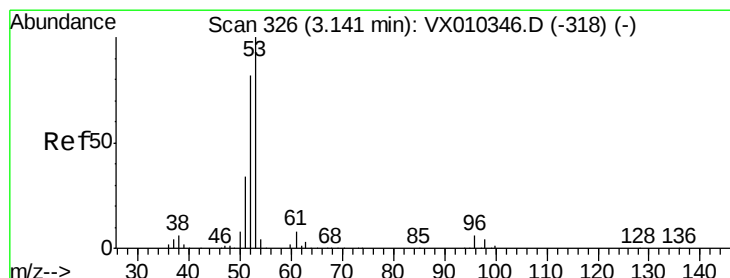
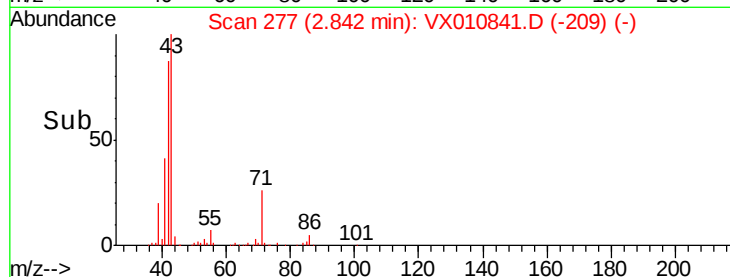
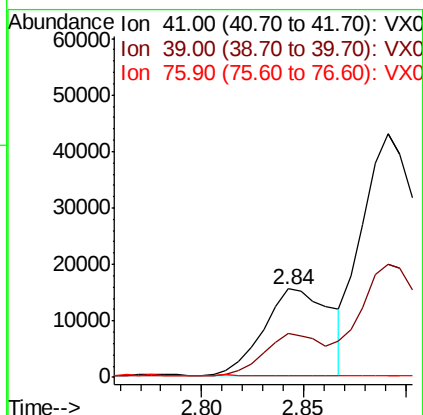
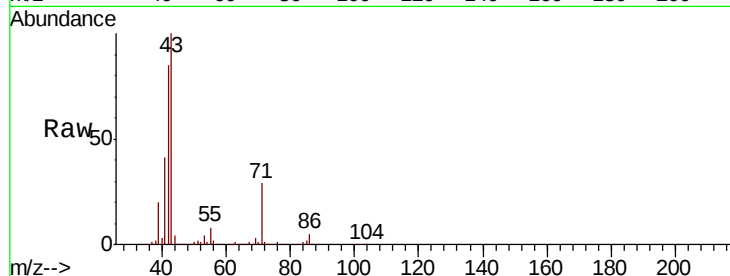




#14
Allvl chloride
Concen: 13.326 ug/l
RT: 2.84 min Scan# 277
Delta R.T. 0.12 min
Lab File: VX010841.D
Acq: 12 Jul 2019 17:13

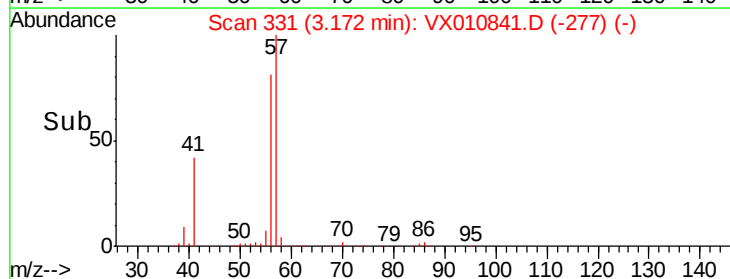
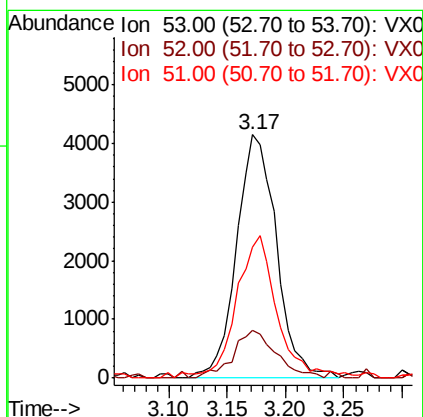
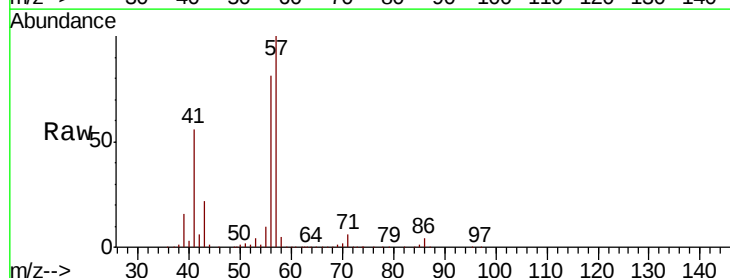
Instrument :
MSVOA_X
ClientSampleId :
FL-0584

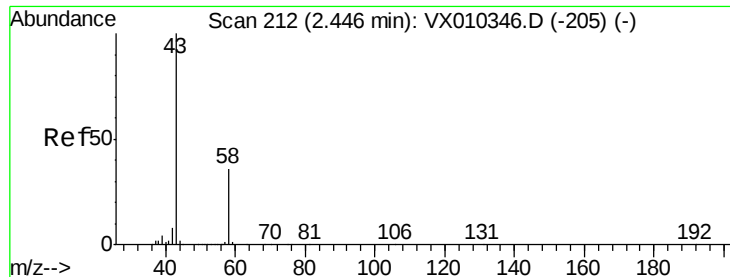
Tot Ion: 41 Resp: 35274
Ion Ratio Lower Upper
41 100
39 42.8 50.3 75.5#
76 0.9 31.3 46.9#



#15
Acrylonitrile
Concen: 9.515 ug/l
RT: 3.17 min Scan# 331
Delta R.T. 0.03 min
Lab File: VX010841.D
Acq: 12 Jul 2019 17:13

Tgt Ion: 53 Resp: 9942
Ion Ratio Lower Upper
53 100
52 21.1 65.5 98.3#
51 60.2 28.2 42.4#





#16

Acetone

Concen: 33.571 ug/l

RT: 2.39 min Scan# 203

Delta R.T. -0.05 min

Lab File: VX010841.D

Acq: 12 Jul 2019 17:13

Instrument :

MSVOA_X

ClientSampleId :

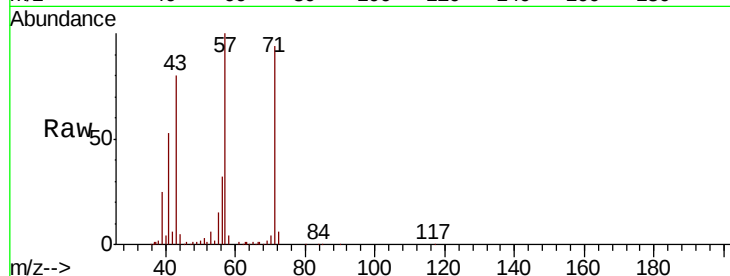
FL-0584

Tot Ion: 43 Resp: 33932

Ion Ratio Lower Upper

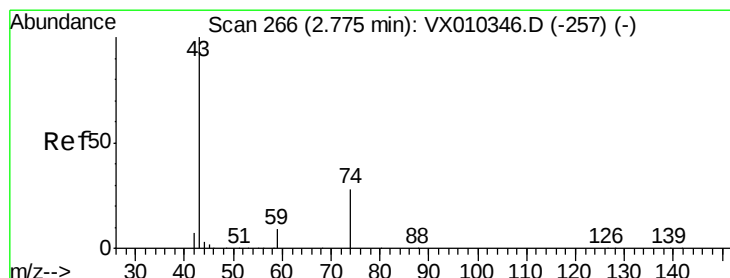
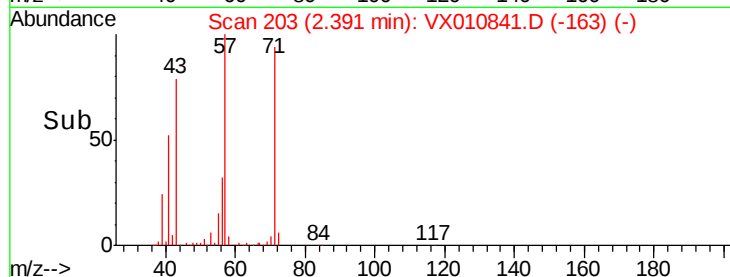
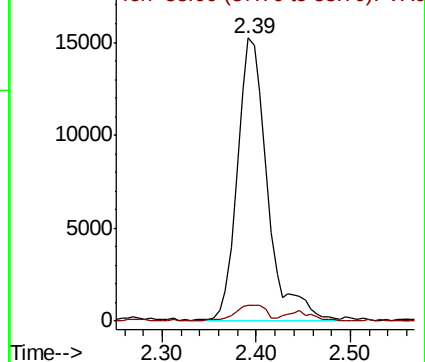
43 100

58 5.5 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: 38.436 ug/l

RT: 2.85 min Scan# 278

Delta R.T. 0.07 min

Lab File: VX010841.D

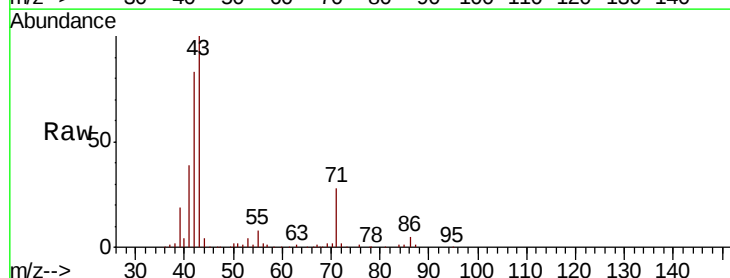
Acq: 12 Jul 2019 17:13

Tgt Ion: 43 Resp: 77430

Ion Ratio Lower Upper

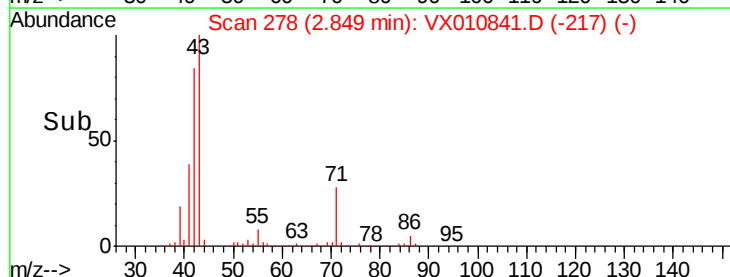
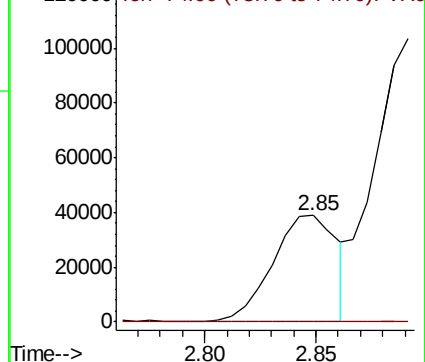
43 100

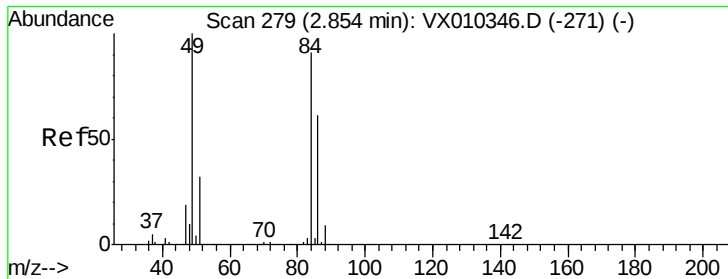
74 0.1 21.3 31.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

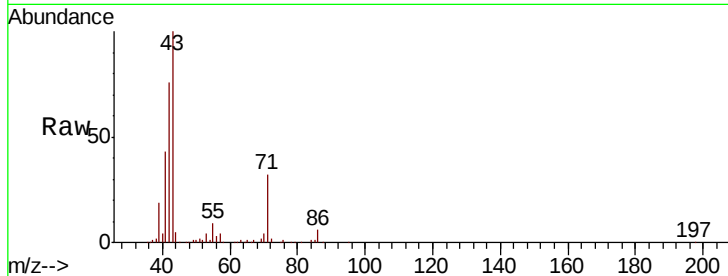




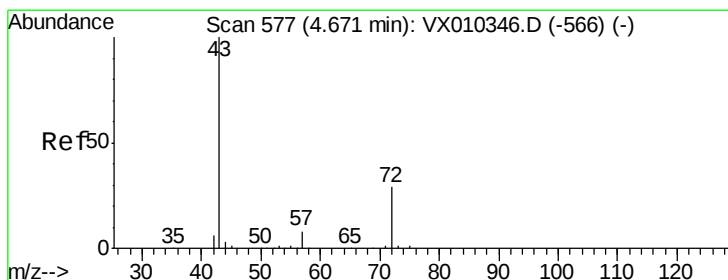
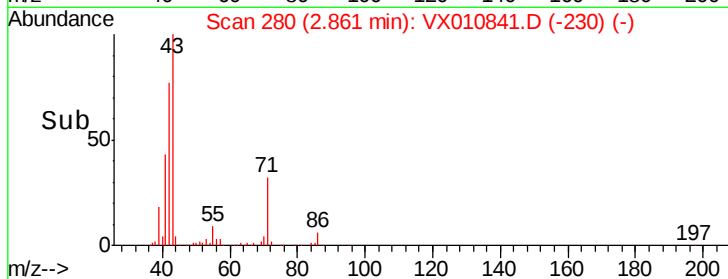
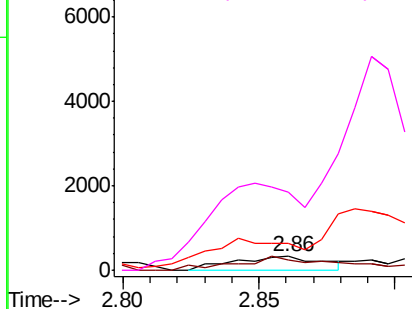
#20
Methvlene Chloride
Concen: 0.357 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX010841.D
Acq: 12 Jul 2019 17:13

Instrument :
MSVOA_X
ClientSampleId :
FL-0584

Tot Ion: 84 Resp: 743
Ion Ratio Lower Upper
84 100
49 39.4 87.5 131.3#
51 100.6 27.7 41.5#
86 362.1 53.4 80.0#

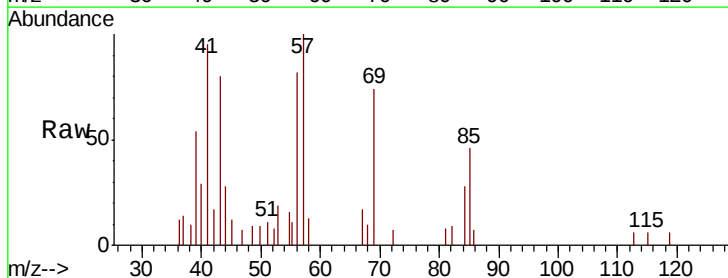


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

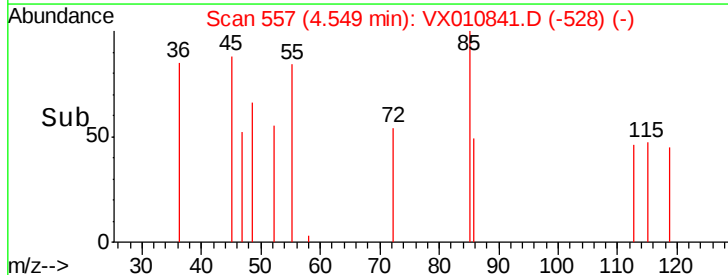
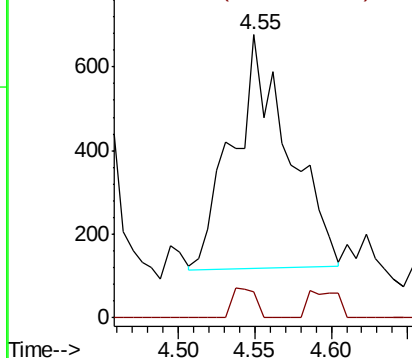


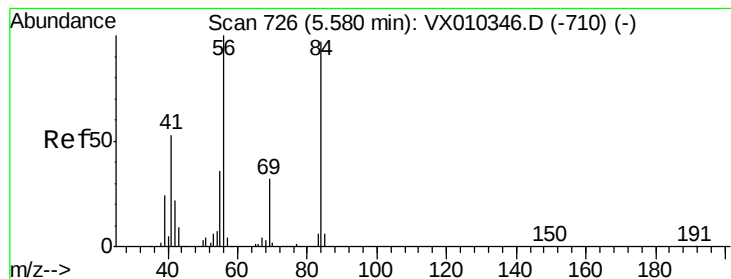
#25
2-Butanone
Concen: 0.950 ug/l
RT: 4.55 min Scan# 557
Delta R.T. -0.12 min
Lab File: VX010841.D
Acq: 12 Jul 2019 17:13

Tgt Ion: 43 Resp: 1409
Ion Ratio Lower Upper
43 100
72 11.4 23.3 34.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0





#31

Cyclohexane

Concen: 60.056 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010841.D

Acq: 12 Jul 2019 17:13

Instrument :

MSVOA_X

ClientSampleId :

FL-0584

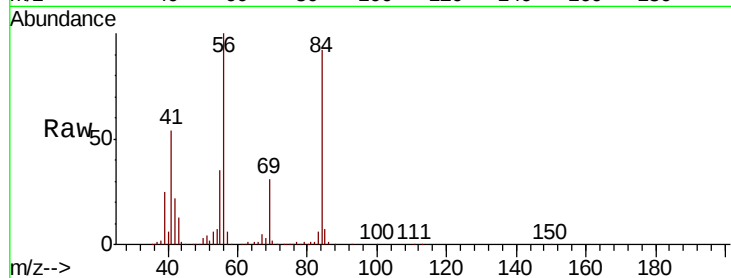
Tot Ion: 56 Resp: 174953

Ion Ratio Lower Upper

56 100

69 30.5 25.9 38.9

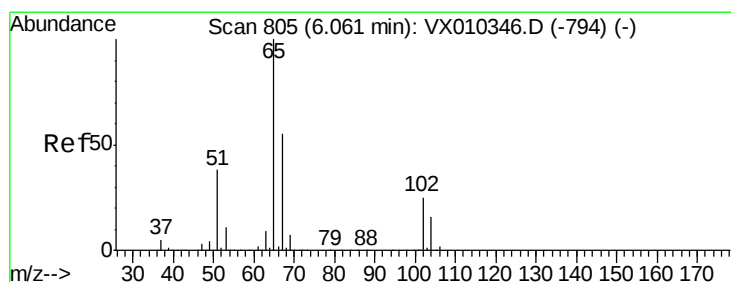
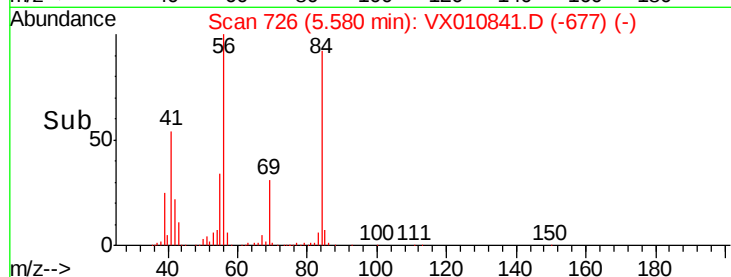
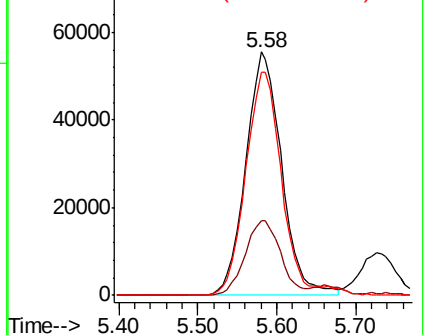
84 92.0 78.0 117.0



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: 53.392 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010841.D

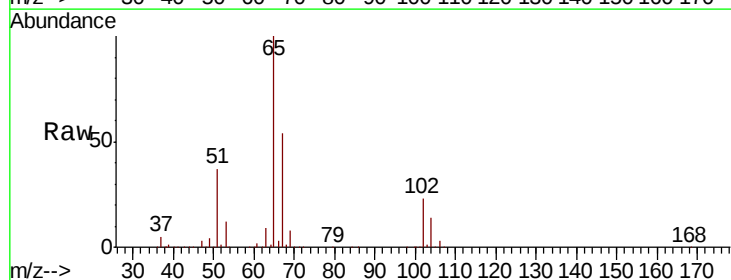
Acq: 12 Jul 2019 17:13

Tgt Ion: 65 Resp: 107681

Ion Ratio Lower Upper

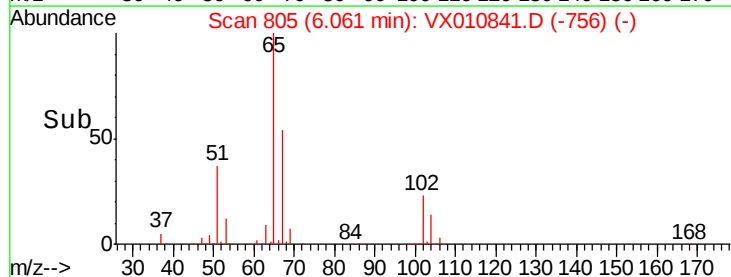
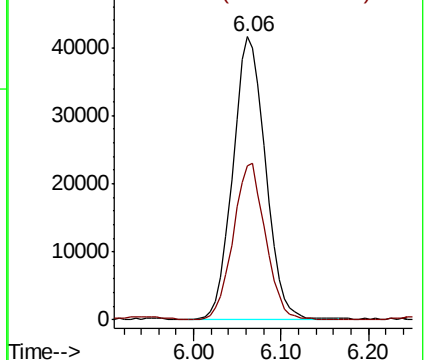
65 100

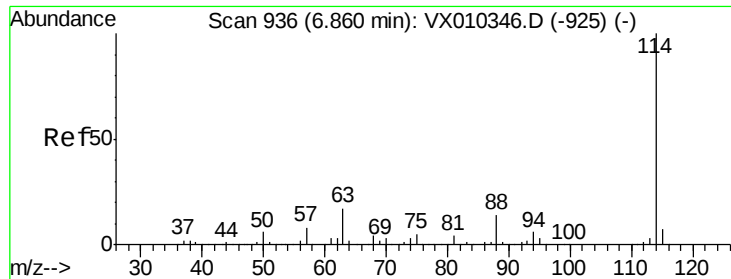
67 54.2 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

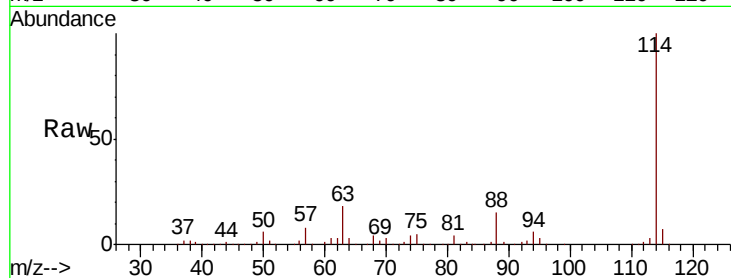




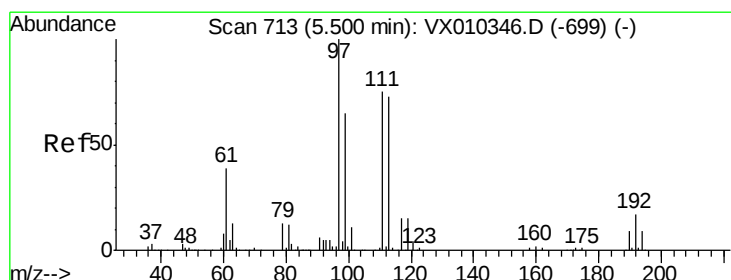
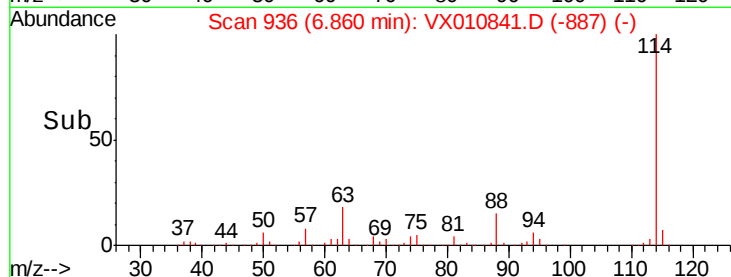
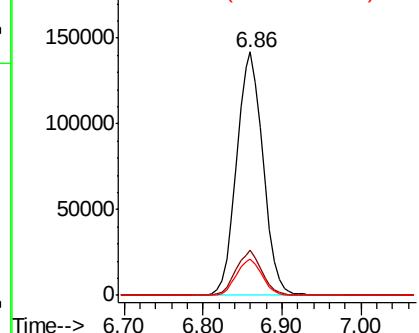
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010841.D
 Acq: 12 Jul 2019 17:13

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0584

Tot Ion:114 Resp: 330149
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 33.8
 88 14.9 0.0 27.6

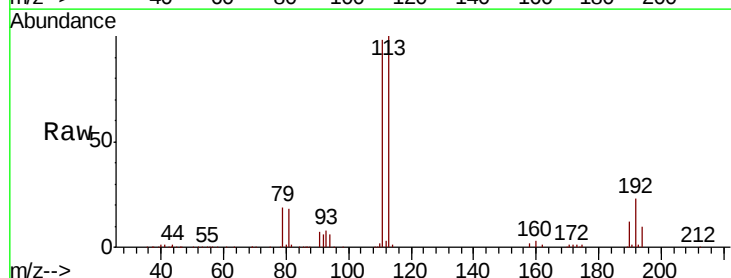


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

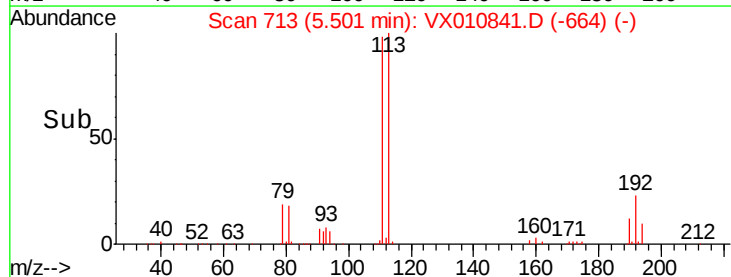
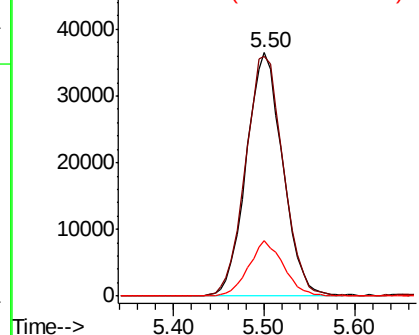


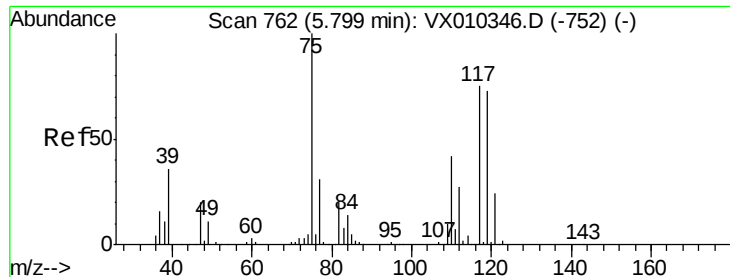
#35
 Dibromofluoromethane
 Concen: 50.121 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010841.D
 Acq: 12 Jul 2019 17:13

Tgt Ion:113 Resp: 101243
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.2 121.8
 192 21.8 18.6 27.8



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

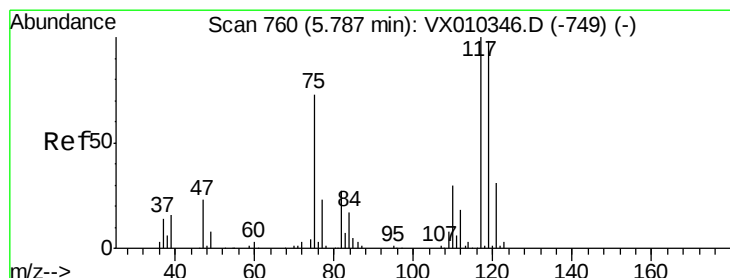
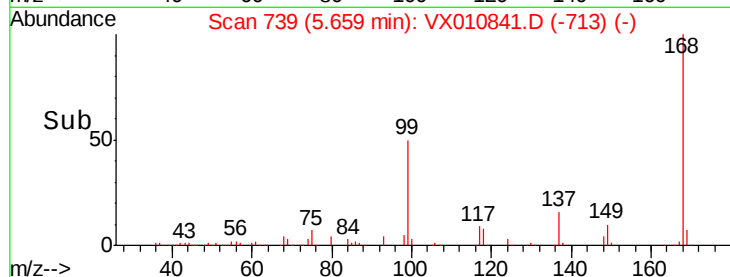
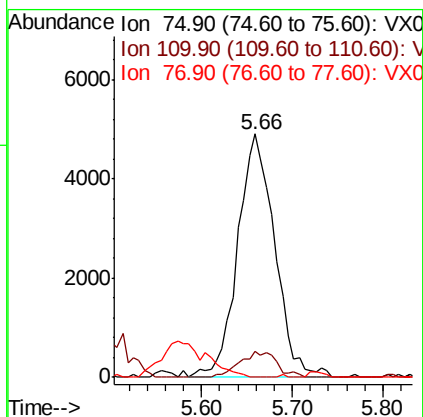
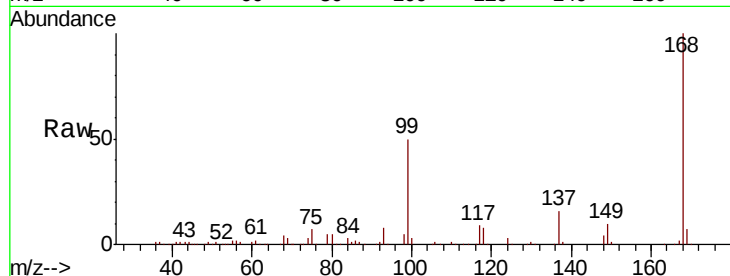




#36
 1,1-Dichloropropene
 Concen: 5.299 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX010841.D
 Acq: 12 Jul 2019 17:13

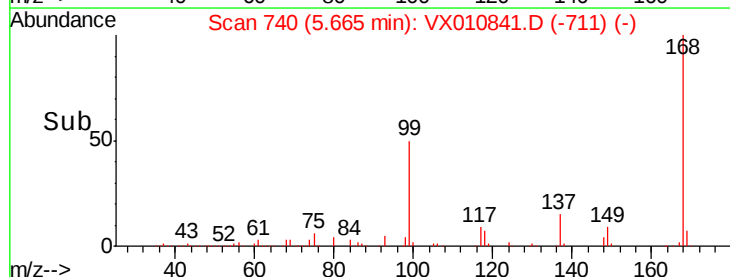
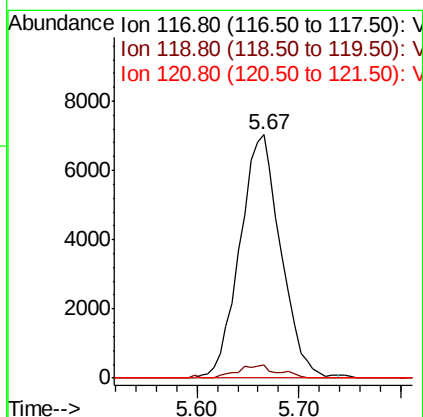
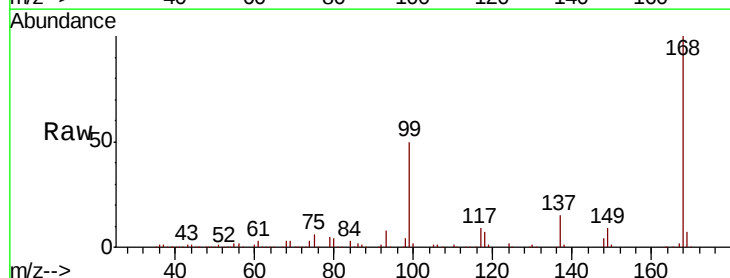
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0584

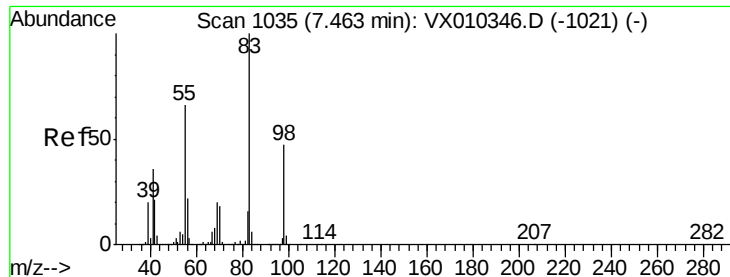
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.7	20.8	62.2#
77	0.0	25.4	38.0#



#38
 Carbon Tetrachloride
 Concen: 6.893 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX010841.D
 Acq: 12 Jul 2019 17:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.6	78.2	117.4#
121	0.0	24.7	37.1#





#39

Methvlcvclohexane

Concen: 46.577 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX010841.D

Acq: 12 Jul 2019 17:13

Instrument :

MSVOA_X

ClientSampleId :

FL-0584

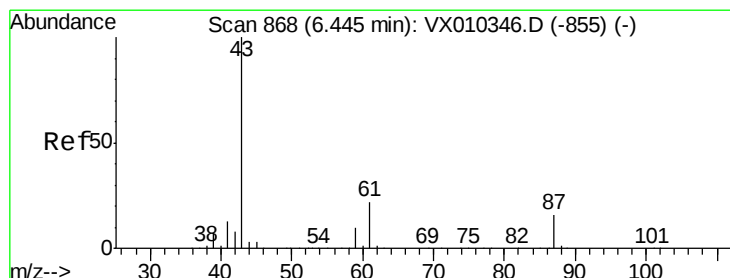
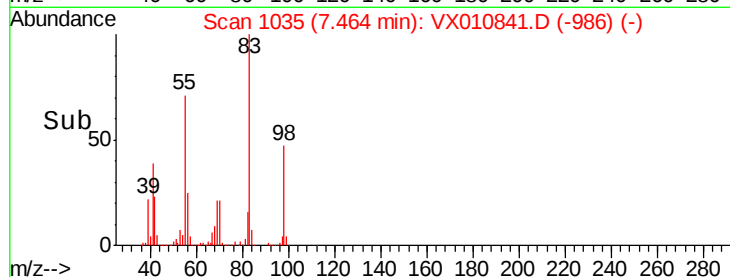
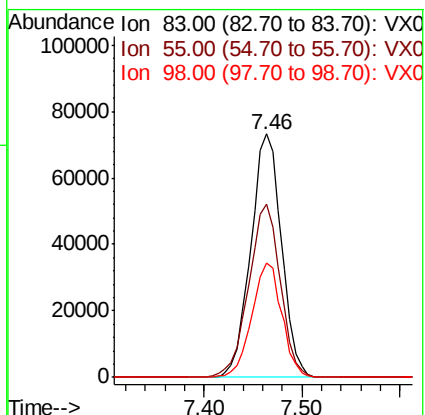
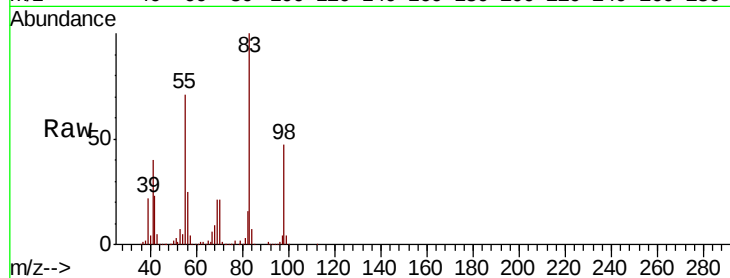
Tot Ion: 83 Resp: 160626

Ion Ratio Lower Upper

83 100

55 71.0 53.0 79.6

98 47.0 37.8 56.8



#43

Isopropyl Acetate

Concen: 0.741 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.01 min

Lab File: VX010841.D

Acq: 12 Jul 2019 17:13

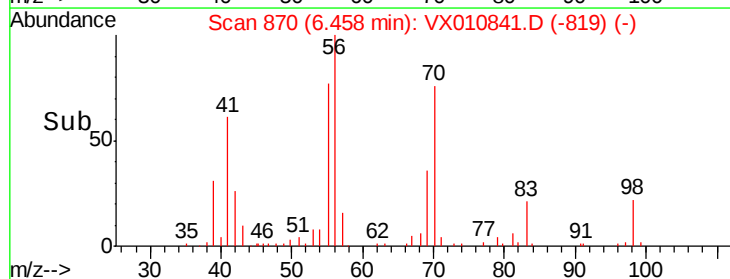
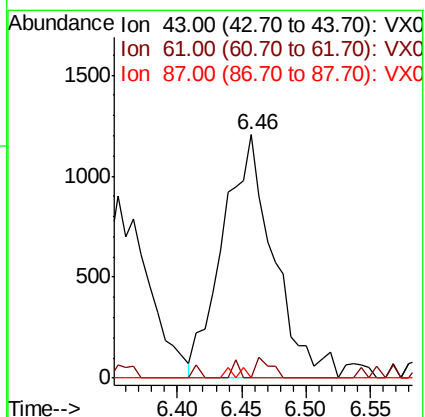
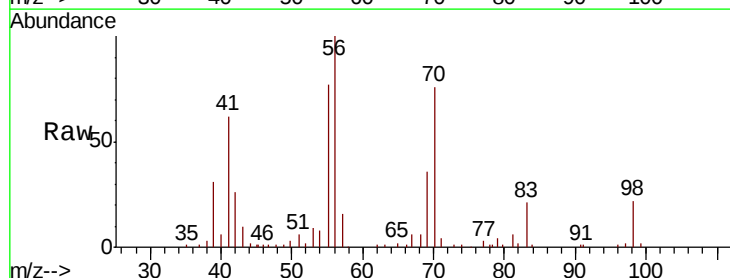
Tgt Ion: 43 Resp: 3307

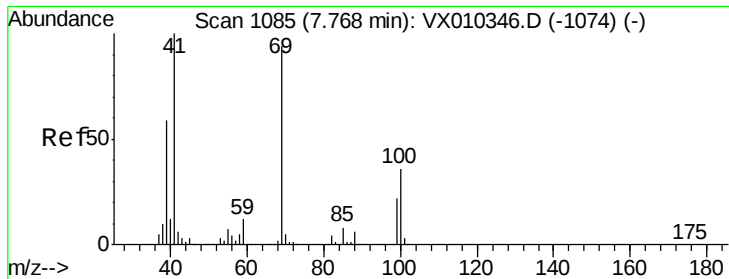
Ion Ratio Lower Upper

43 100

61 2.4 17.8 26.6#

87 0.0 13.0 19.4#

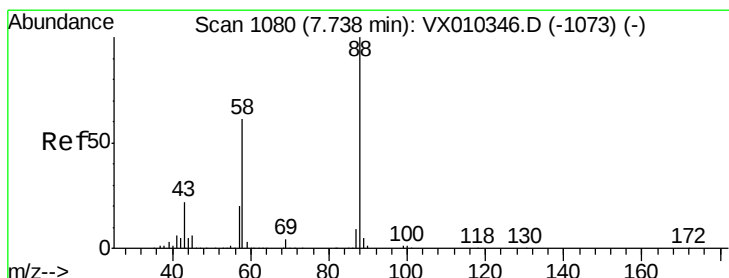
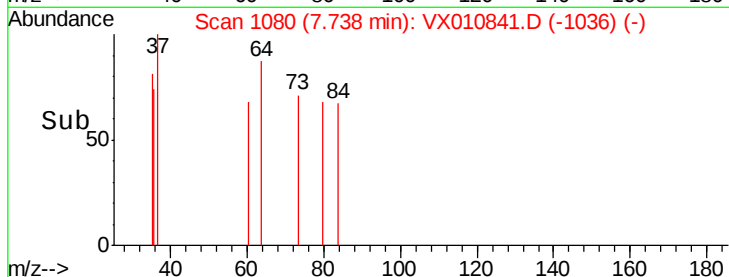
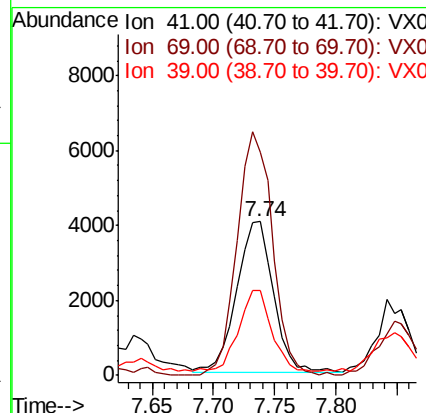
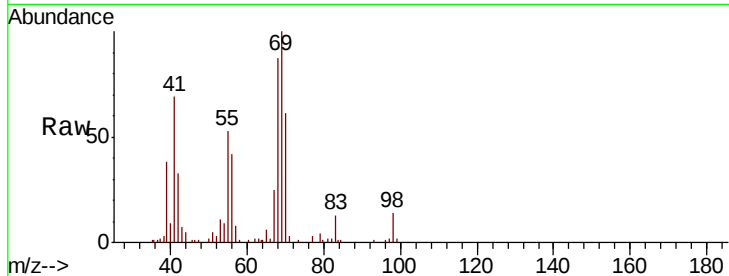




#48
Methvl methacrylate
Concen: 4.038 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.03 min
Lab File: VX010841.D
Acq: 12 Jul 2019 17:13

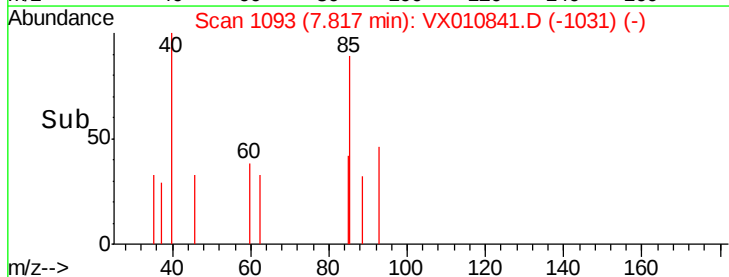
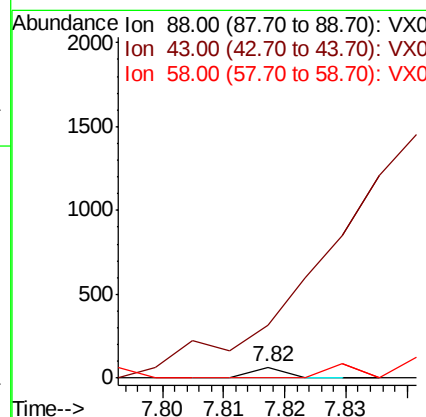
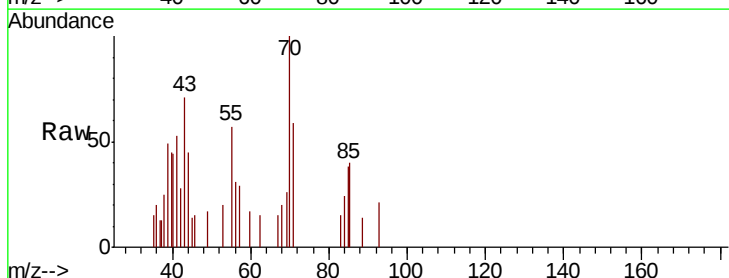
Instrument :
MSVOA_X
ClientSampled :
FL-0584

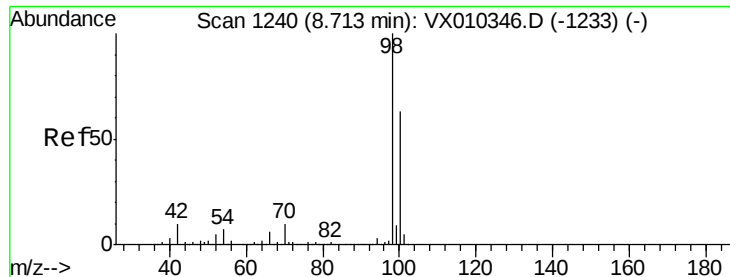
Tot Ion: 41 Resp: 8382
Ion Ratio Lower Upper
41 100
69 155.9 76.1 114.1#
39 50.8 47.6 71.4



#49
1,4-Dioxane
Concen: 0.385 ug/l
RT: 7.82 min Scan# 1093
Delta R.T. 0.08 min
Lab File: VX010841.D
Acq: 12 Jul 2019 17:13

Tgt Ion: 88 Resp: 23
Ion Ratio Lower Upper
88 100
43 0.0 20.2 30.2#
58 0.0 49.5 74.3#

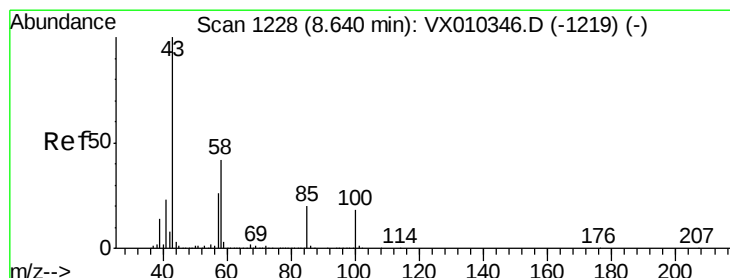
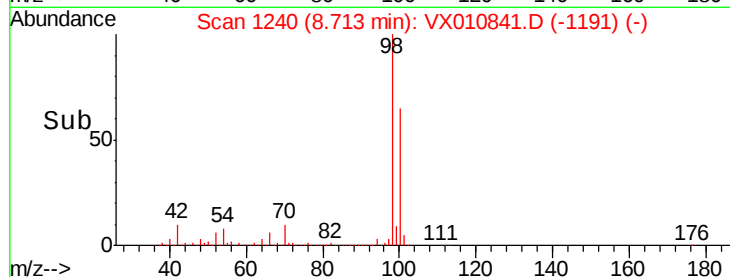
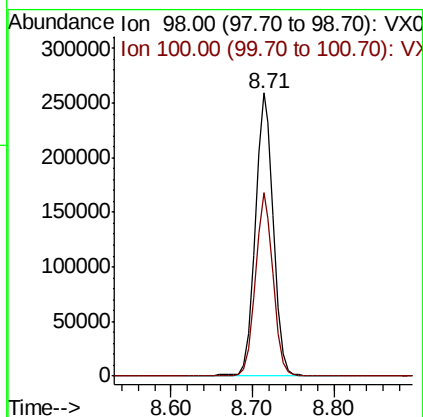
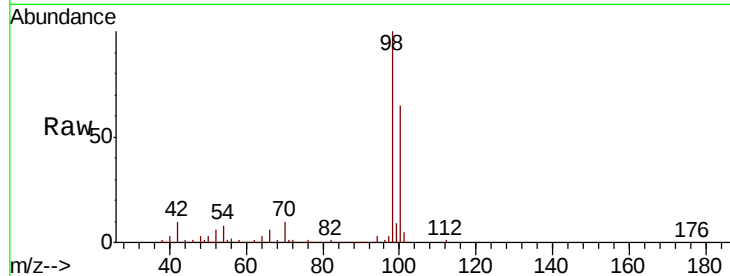




#50
Toluene-d8
Concen: 52.362 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010841.D
Acq: 12 Jul 2019 17:13

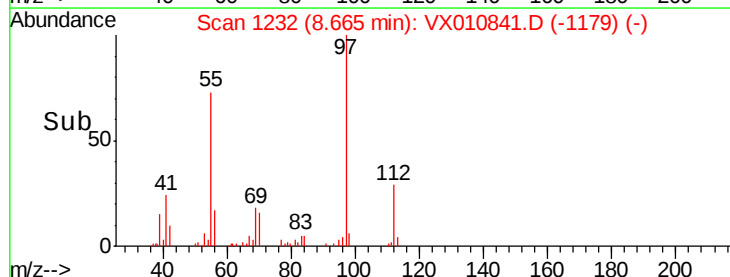
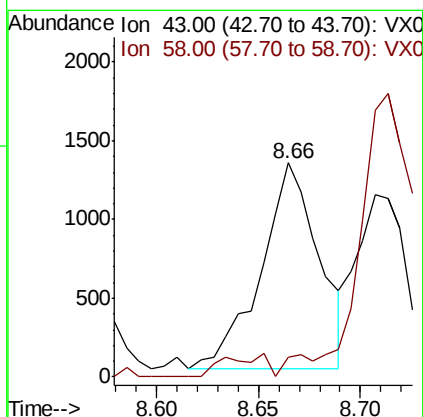
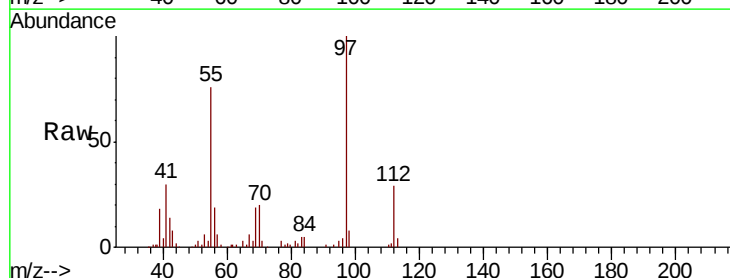
Instrument :
MSVOA_X
ClientSampleId :
FL-0584

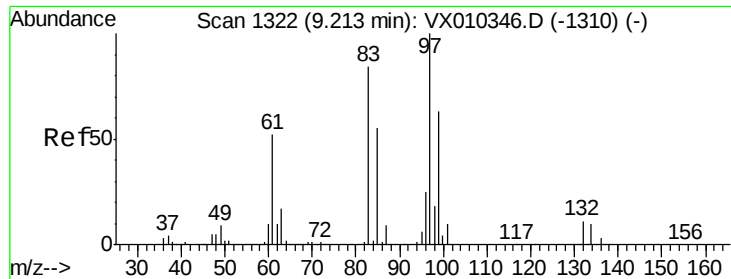
Tot Ion: 98 Resp: 404651
Ion Ratio Lower Upper
98 100
100 63.3 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 0.902 ug/l
RT: 8.66 min Scan# 1232
Delta R.T. 0.02 min
Lab File: VX010841.D
Acq: 12 Jul 2019 17:13

Tgt Ion: 43 Resp: 2576
Ion Ratio Lower Upper
43 100
58 5.2 33.5 50.3#

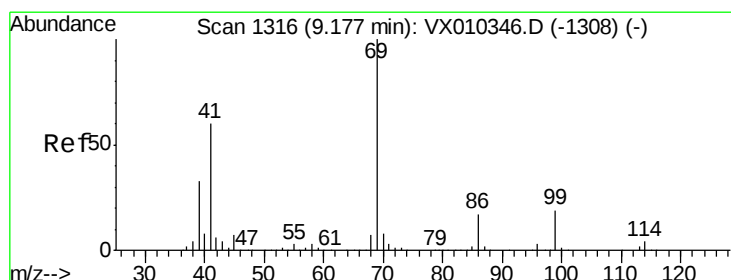
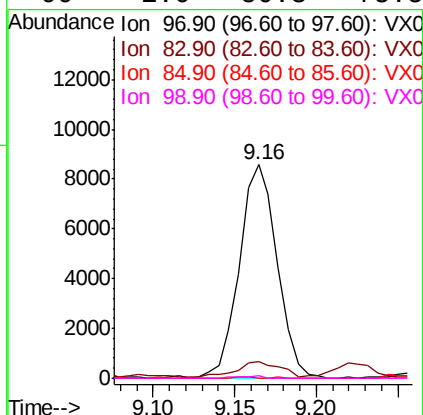
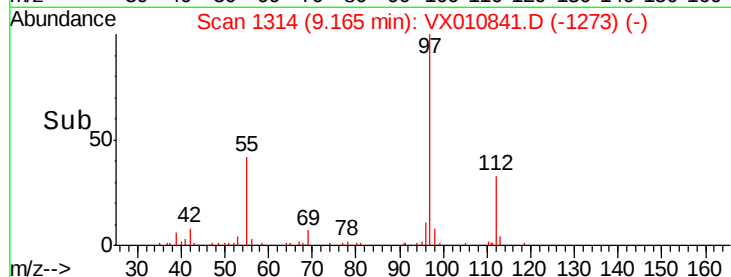
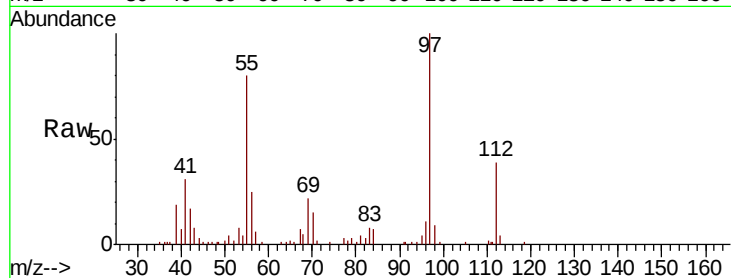




#55
 1,1,2-Trichloroethane
 Concen: 6.238 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.05 min
 Lab File: VX010841.D
 Acq: 12 Jul 2019 17:13

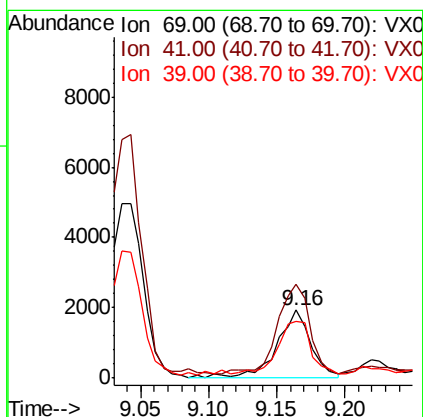
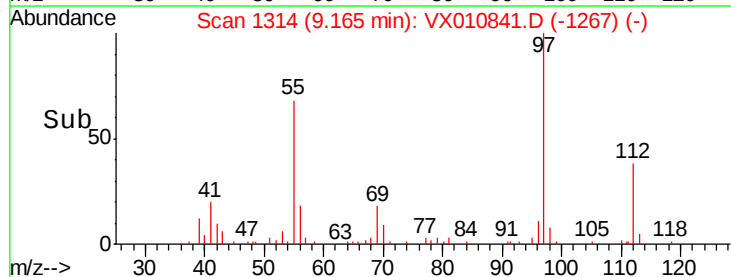
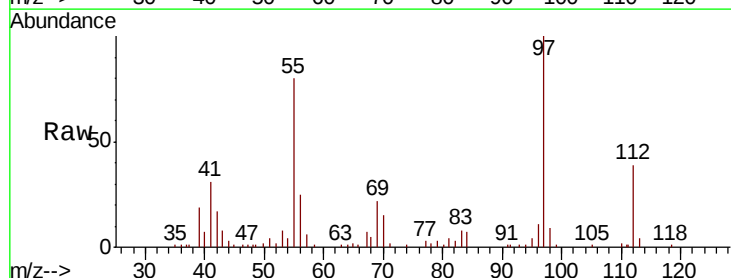
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0584

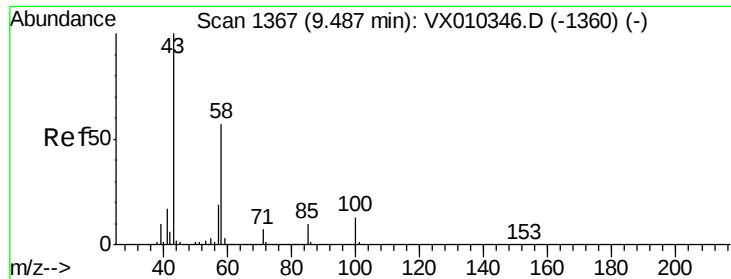
Tot Ion: 97 Resp: 13847
 Ion Ratio Lower Upper
 97 100
 83 7.2 67.4 101.0#
 85 0.0 43.8 65.8#
 99 1.0 50.3 75.5#



#56
 Ethyl methacrylate
 Concen: 1.004 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: VX010841.D
 Acq: 12 Jul 2019 17:13

Tgt Ion: 69 Resp: 3376
 Ion Ratio Lower Upper
 69 100
 41 123.7 47.1 70.7#
 39 73.8 26.6 40.0#

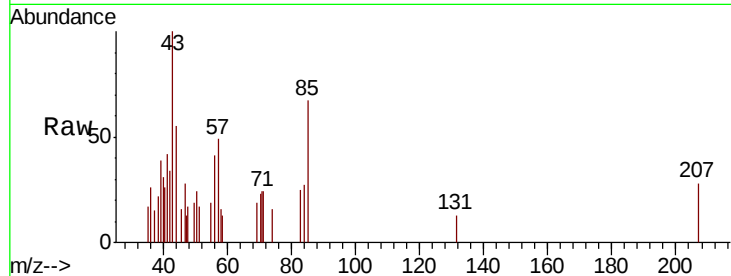




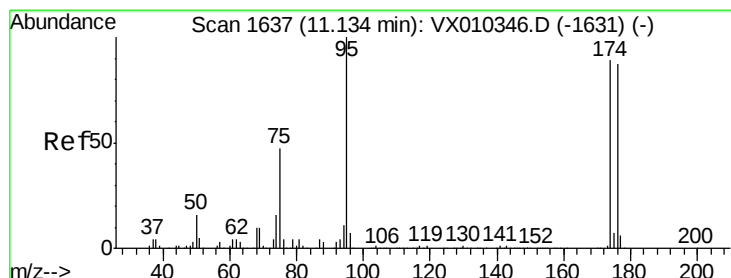
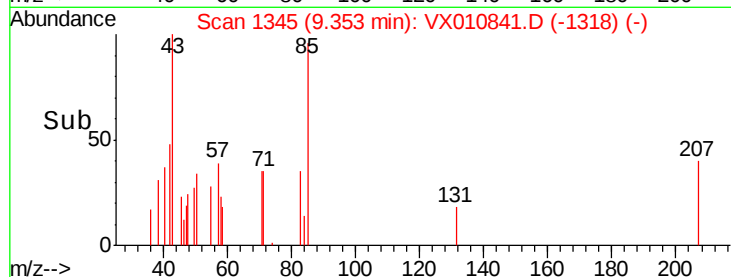
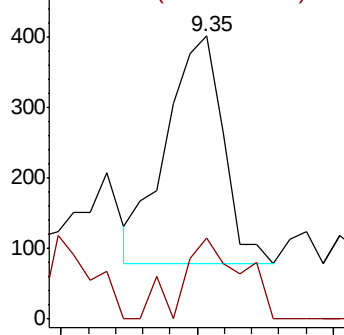
#59
2-Hexanone
Concen: 0.210 ug/l
RT: 9.35 min Scan# 1345
Delta R.T. -0.13 min
Lab File: VX010841.D
Acq: 12 Jul 2019 17:13

Instrument :
MSVOA_X
ClientSampled :
FL-0584

Tot Ion: 43 Resp: 471
Ion Ratio Lower Upper
43 100
58 37.6 29.0 87.1

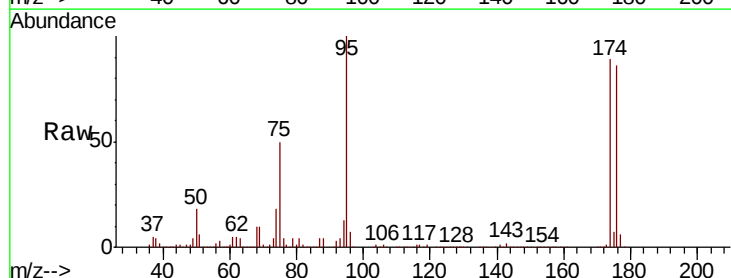


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

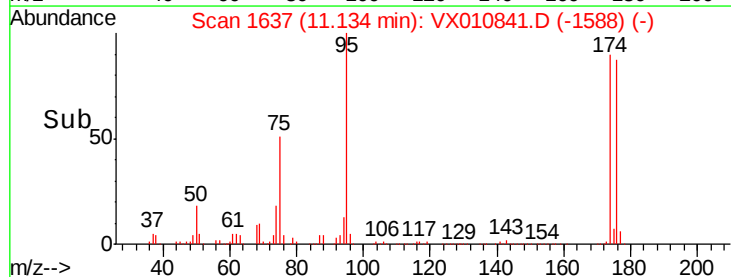
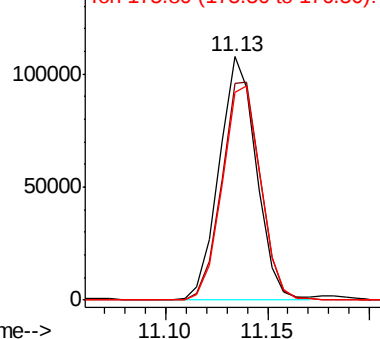


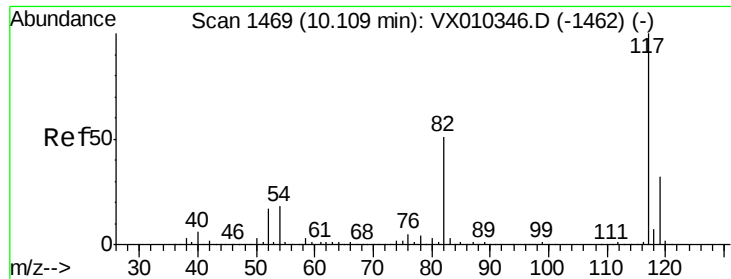
#62
4-Bromofluorobenzene
Concen: 48.942 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010841.D
Acq: 12 Jul 2019 17:13

Tgt Ion: 95 Resp: 136550
Ion Ratio Lower Upper
95 100
174 93.8 0.0 187.6
176 91.0 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

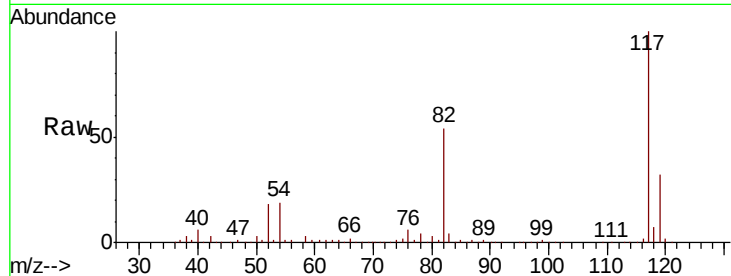




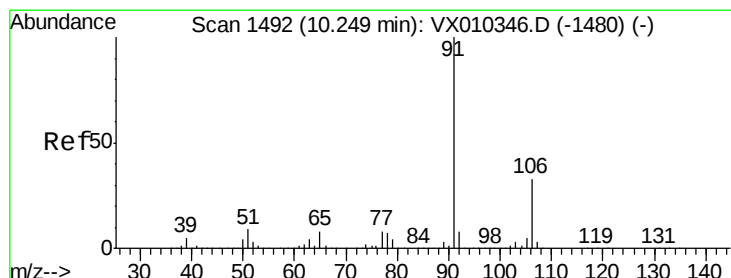
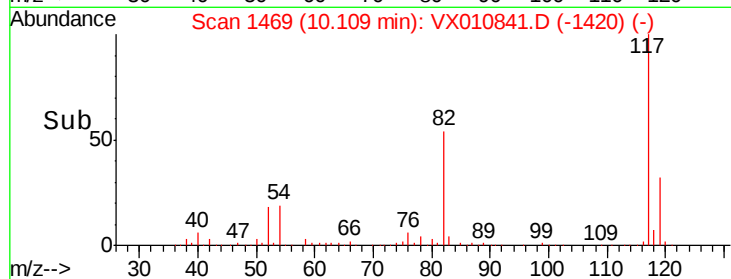
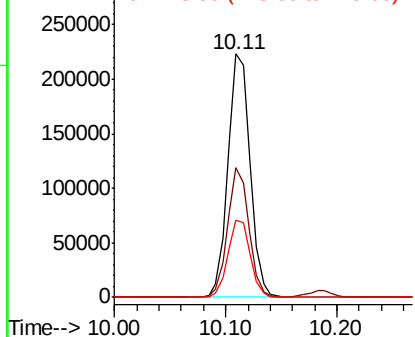
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010841.D
Acq: 12 Jul 2019 17:13

Instrument :
MSVOA_X
ClientSampleId :
FL-0584

Tot Ion:117 Resp: 307076
Ion Ratio Lower Upper
117 100
82 53.5 41.2 61.8
119 31.9 25.5 38.3

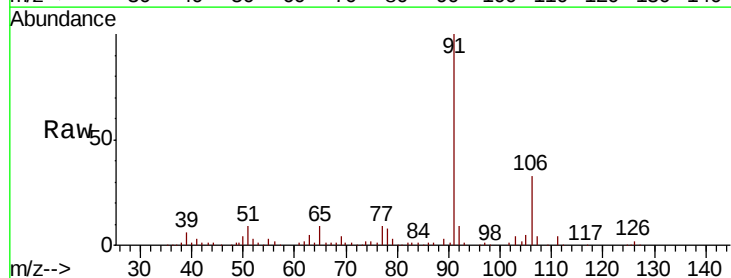


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

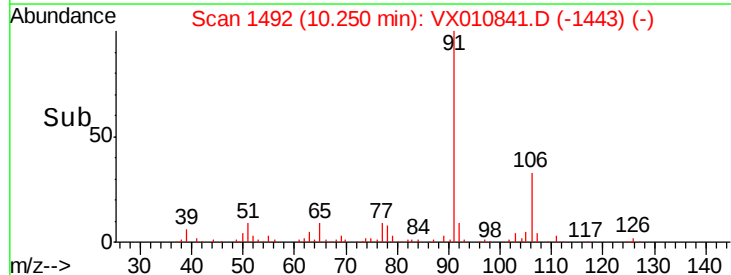
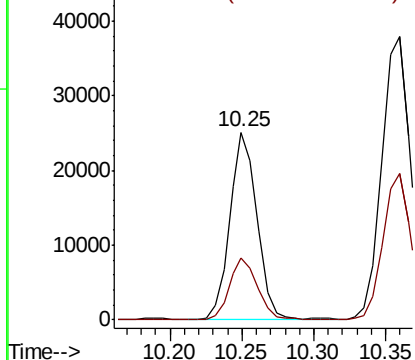


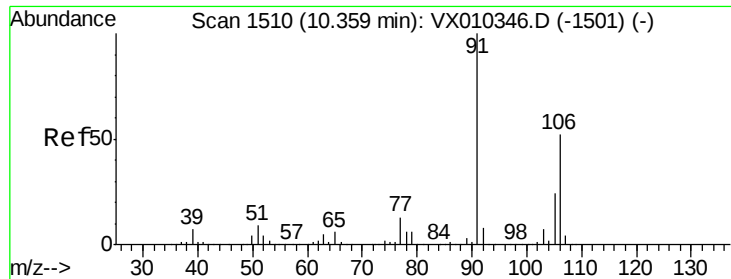
#67
Ethyl Benzene
Concen: 3.179 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010841.D
Acq: 12 Jul 2019 17:13

Tgt Ion: 91 Resp: 33453
Ion Ratio Lower Upper
91 100
106 33.0 26.2 39.2



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

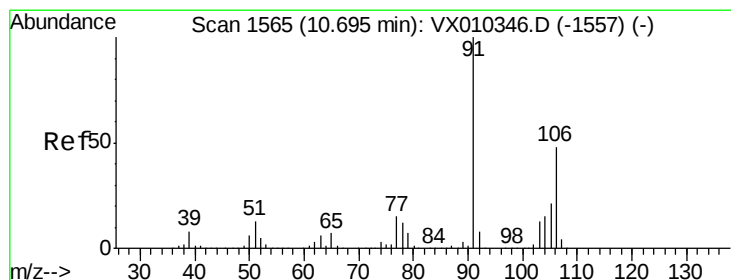
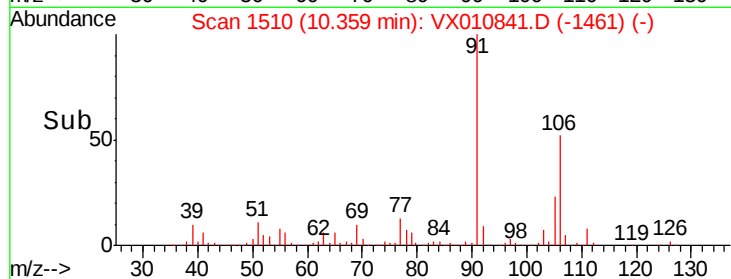
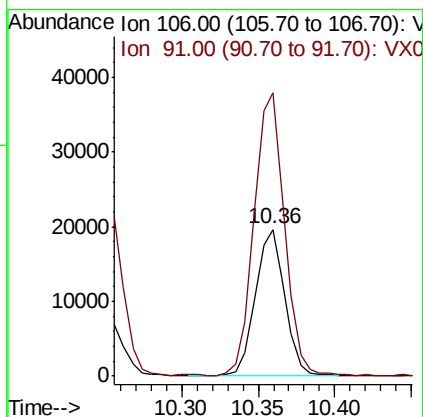
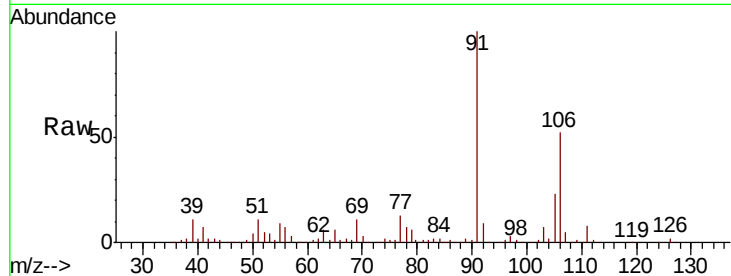




#68
m/p-Xylenes
Concen: 6.457 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010841.D
Acq: 12 Jul 2019 17:13

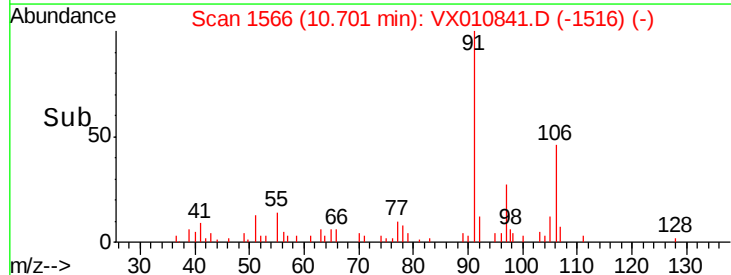
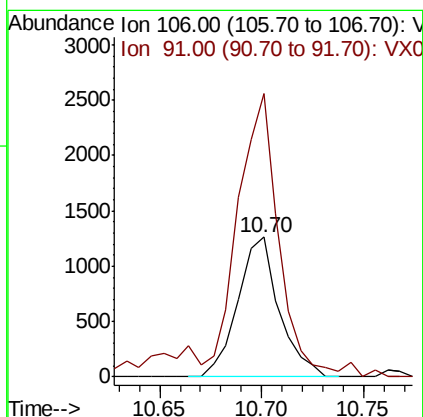
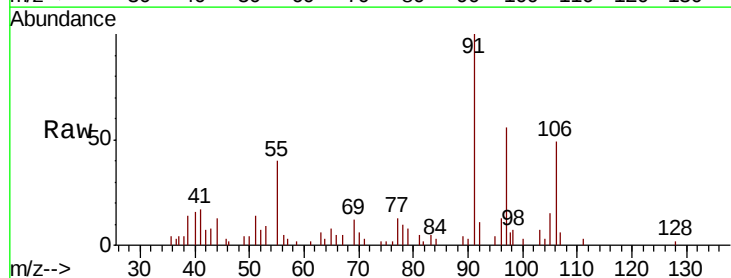
Instrument :
MSVOA_X
ClientSampleId :
FL-0584

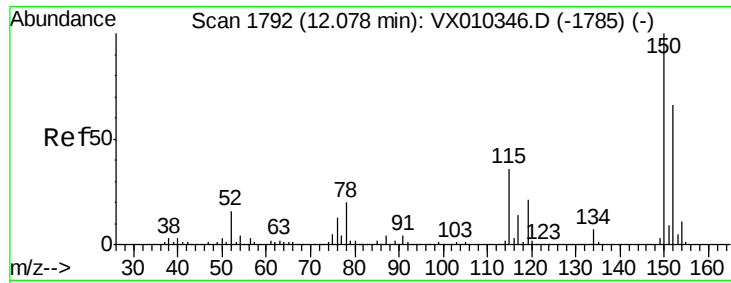
Tot Ion:106 Resp: 26332
Ion Ratio Lower Upper
106 100
91 199.0 155.3 232.9



#69
o-Xylene
Concen: 0.444 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX010841.D
Acq: 12 Jul 2019 17:13

Tgt Ion:106 Resp: 1780
Ion Ratio Lower Upper
106 100
91 203.0 102.7 308.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010841.D

Acq: 12 Jul 2019 17:13

Instrument :

MSVOA_X

ClientSampleId :

FL-0584

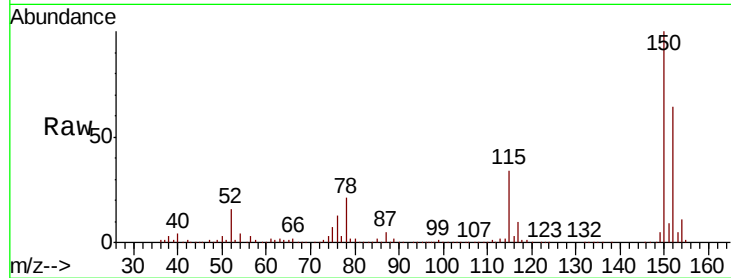
Tot Ion:152 Resp: 146499

Ion Ratio Lower Upper

152 100

115 55.7 38.6 115.7

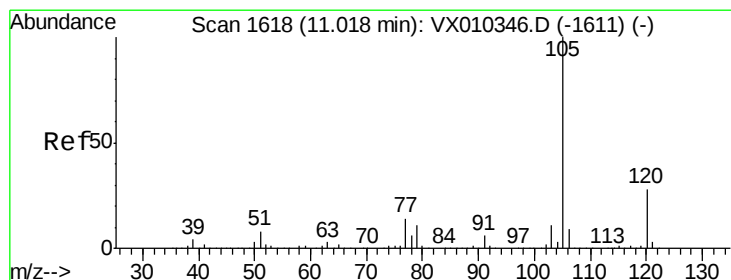
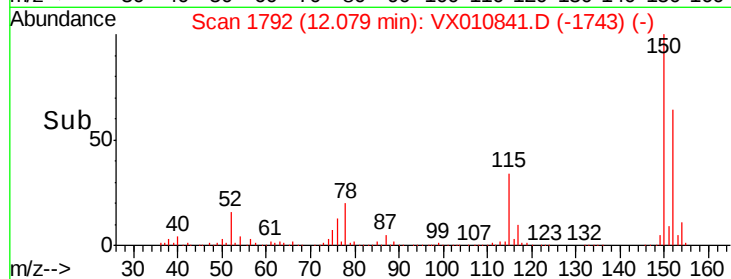
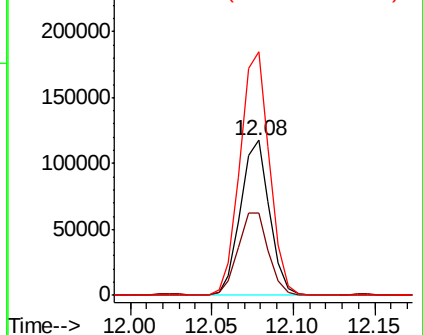
150 159.1 0.0 347.4



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: 0.608 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010841.D

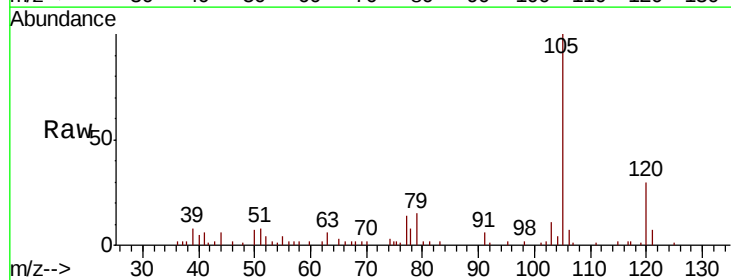
Acq: 12 Jul 2019 17:13

Tgt Ion:105 Resp: 6040

Ion Ratio Lower Upper

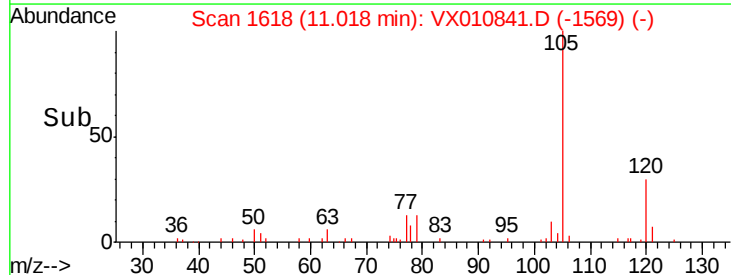
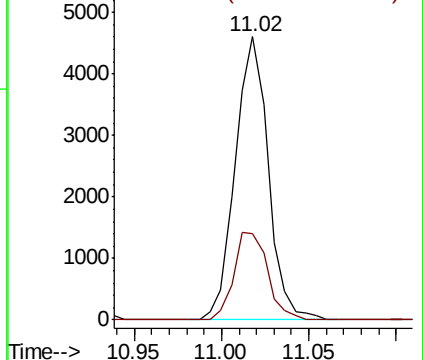
105 100

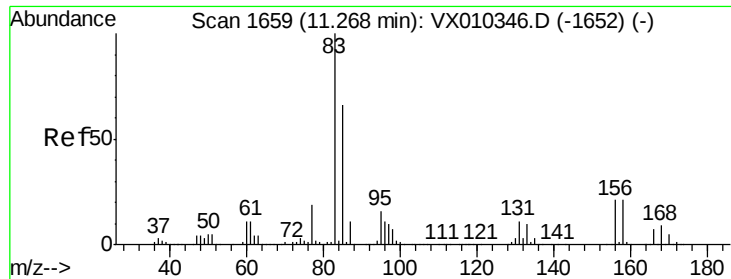
120 31.5 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 0.535 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX010841.D

Acq: 12 Jul 2019 17:13

Instrument :

MSVOA_X

ClientSampled :

FL-0584

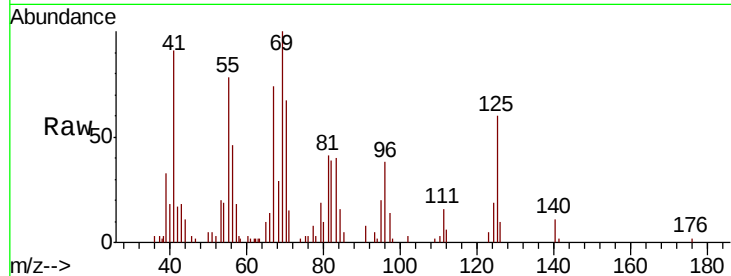
Tot Ion: 83 Resp: 1758

Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.4#

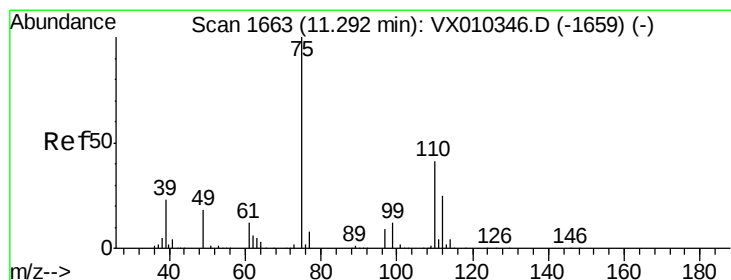
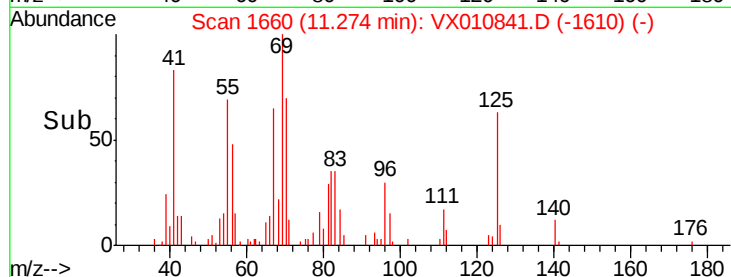
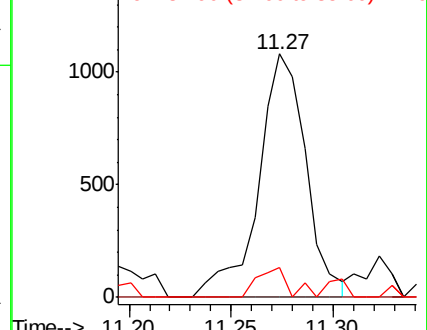
85 8.3 32.3 96.8#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.441 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010841.D

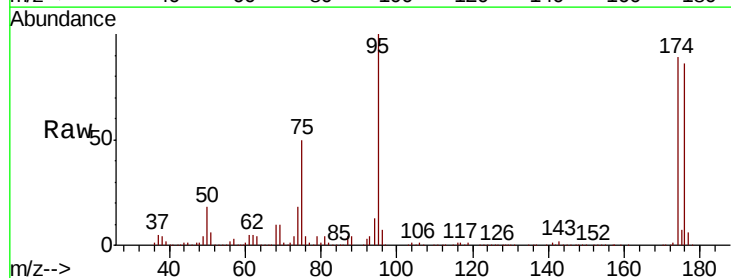
Acq: 12 Jul 2019 17:13

Tgt Ion: 75 Resp: 67918

Ion Ratio Lower Upper

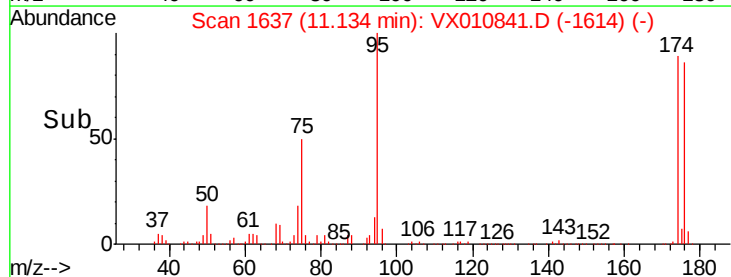
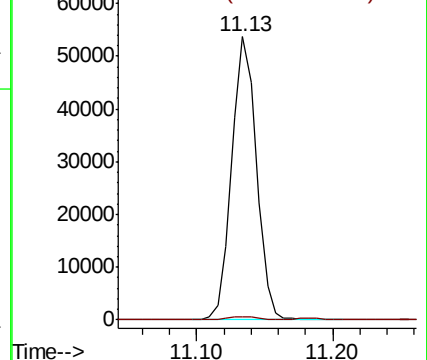
75 100

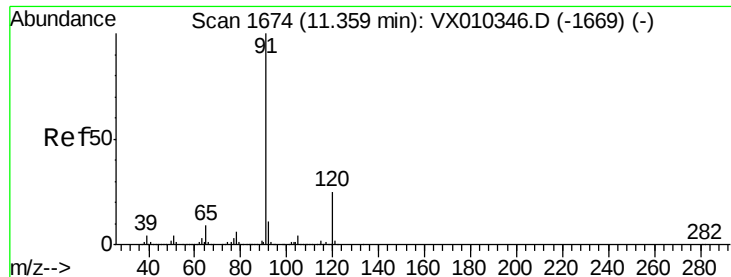
77 1.4 22.6 67.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 0.964 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010841.D

Acq: 12 Jul 2019 17:13

Instrument :

MSVOA_X

ClientSampleId :

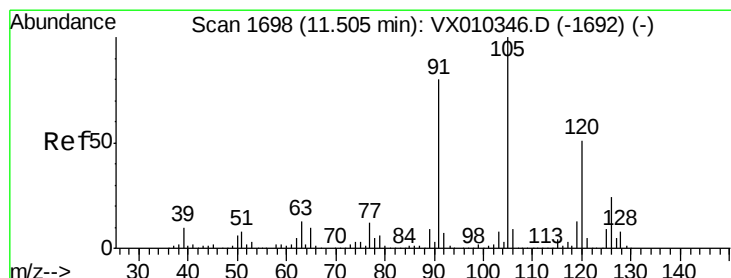
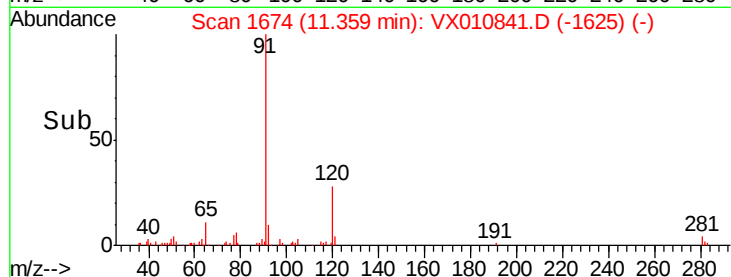
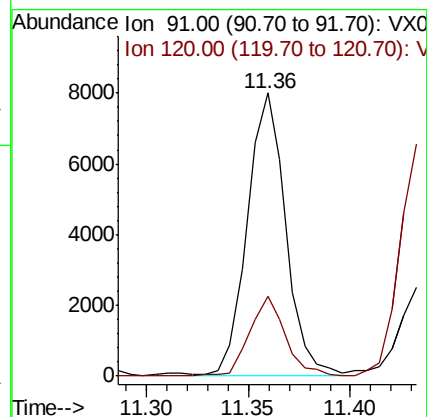
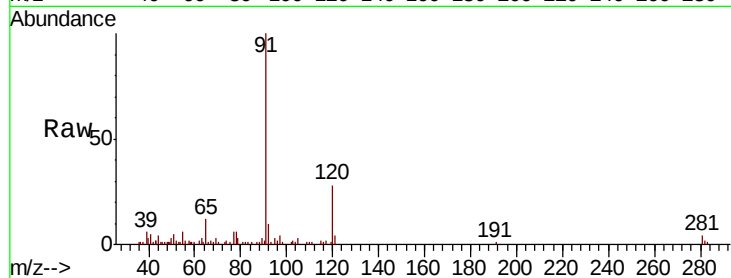
FL-0584

Tot Ion: 91 Resp: 10518

Ion Ratio Lower Upper

91 100

120 26.2 12.4 37.4



#80

1,3,5-Trimethylbenzene

Concen: 4.490 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010841.D

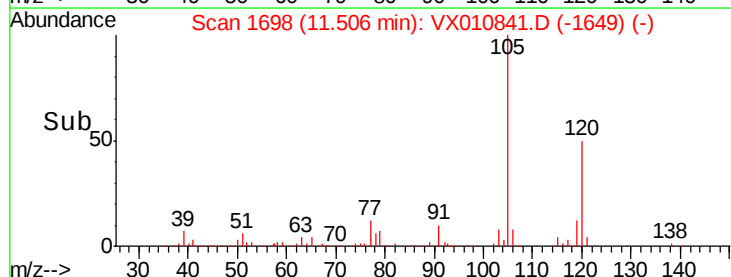
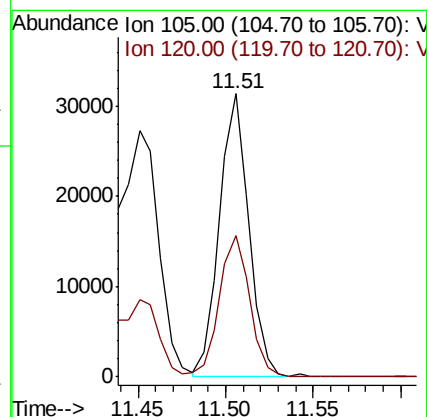
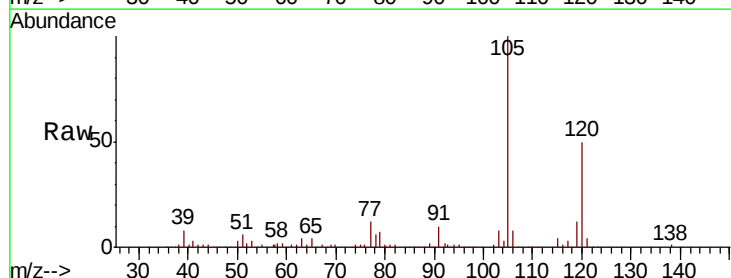
Acq: 12 Jul 2019 17:13

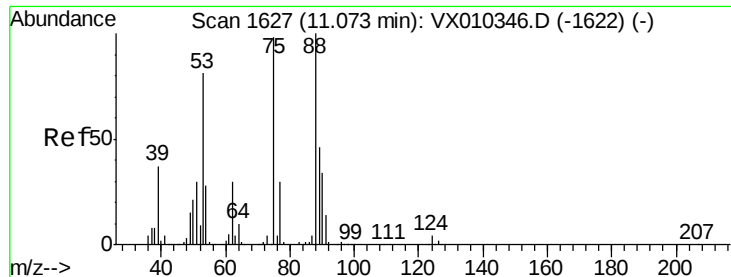
Tgt Ion: 105 Resp: 36759

Ion Ratio Lower Upper

105 100

120 51.7 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 59.352 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010841.D

Acq: 12 Jul 2019 17:13

Instrument :

MSVOA_X

ClientSampleId :

FL-0584

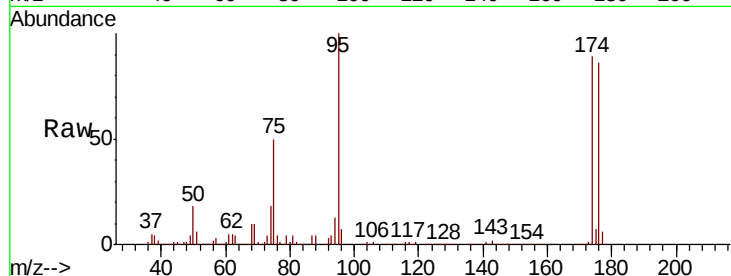
Tot Ion: 75 Resp: 67918

Ion Ratio Lower Upper

75 100

53 0.1 66.1 99.1#

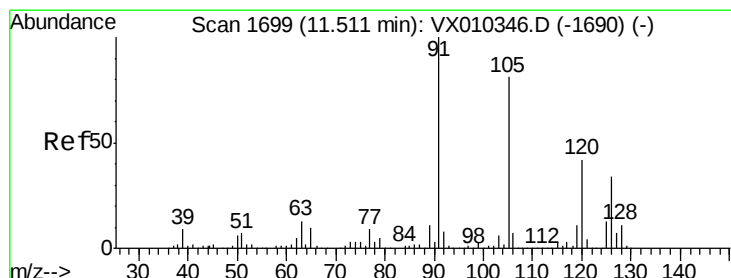
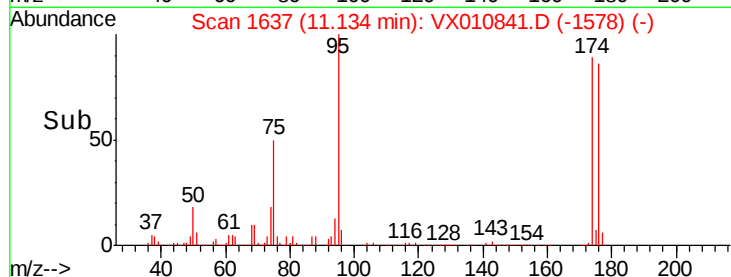
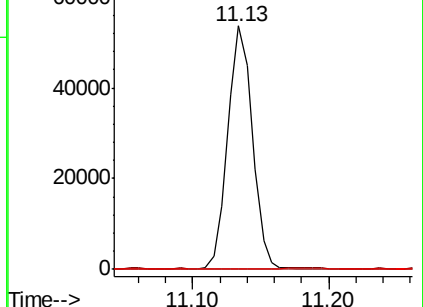
89 0.0 37.8 56.6#



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: 0.564 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX010841.D

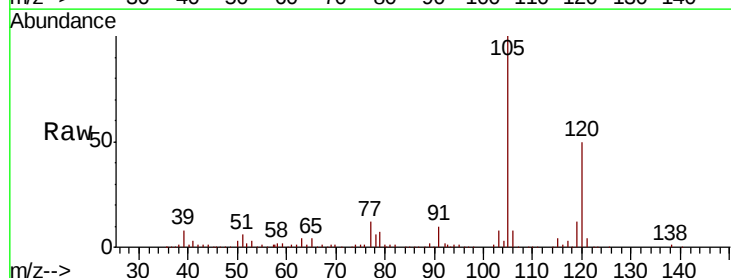
Acq: 12 Jul 2019 17:13

Tgt Ion: 91 Resp: 4174

Ion Ratio Lower Upper

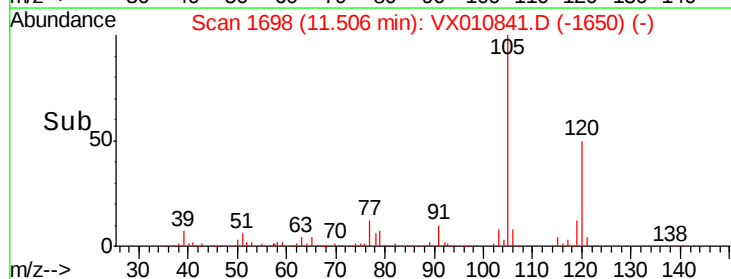
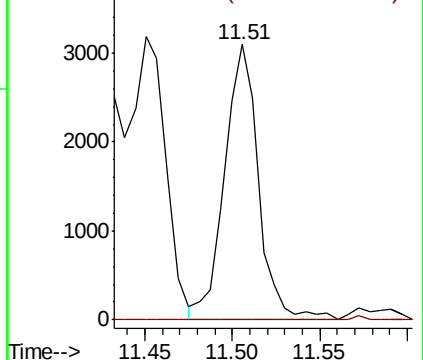
91 100

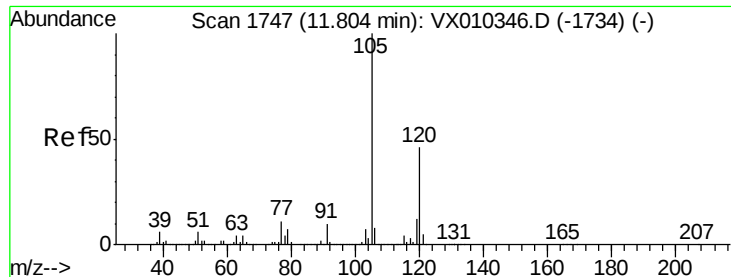
126 0.0 16.2 48.6#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#84

1,2,4-Trimethylbenzene

Concen: 9.618 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010841.D

Acq: 12 Jul 2019 17:13

Instrument :

MSVOA_X

ClientSampleId :

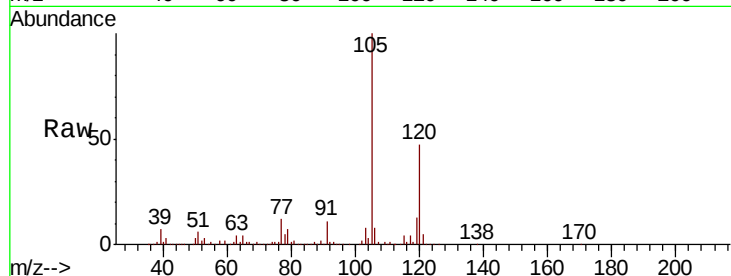
FL-0584

Tot Ion:105 Resp: 79111

Ion Ratio Lower Upper

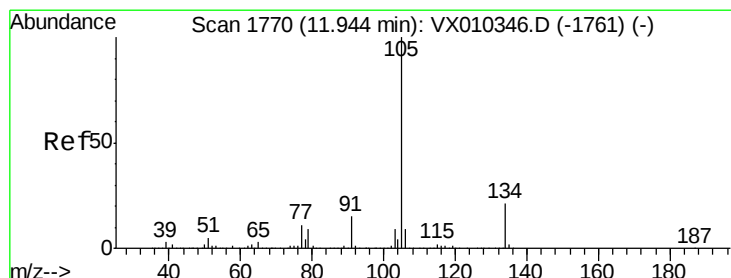
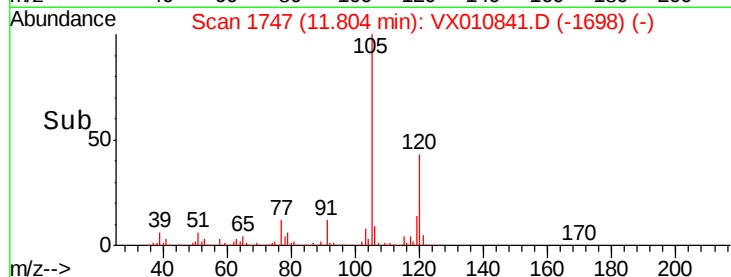
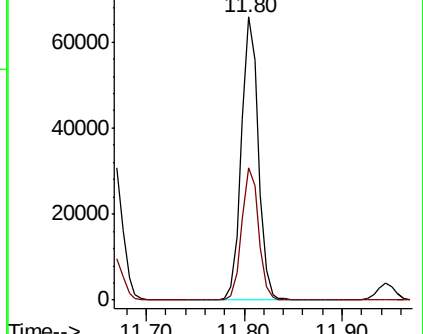
105 100

120 46.7 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: 0.540 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010841.D

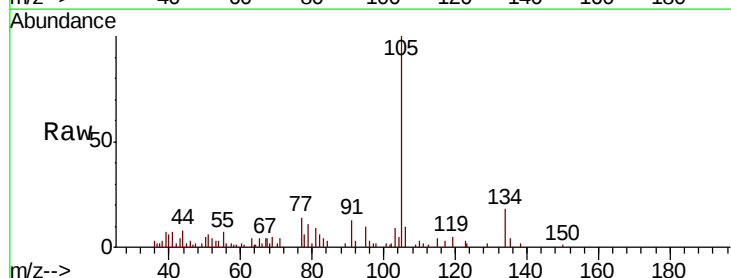
Acq: 12 Jul 2019 17:13

Tgt Ion:105 Resp: 5205

Ion Ratio Lower Upper

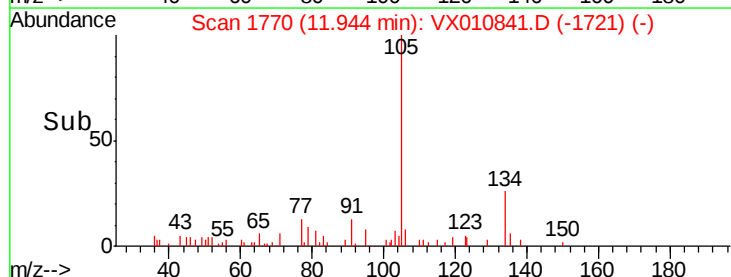
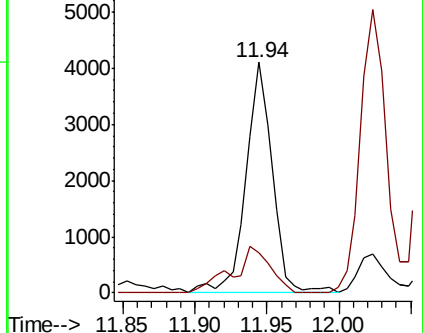
105 100

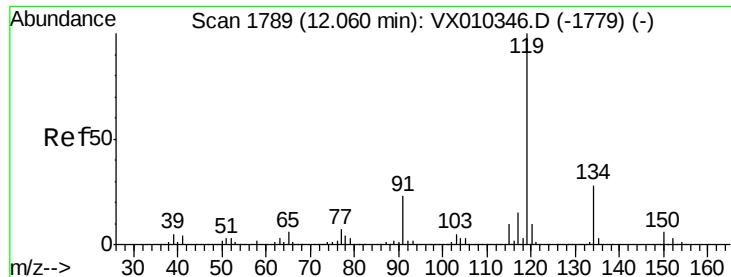
134 28.7 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

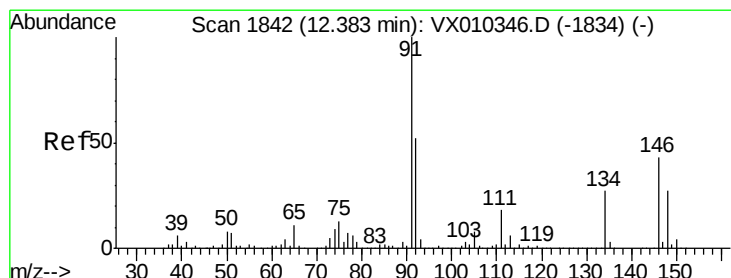
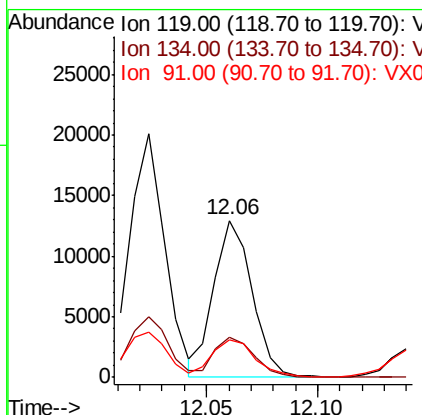
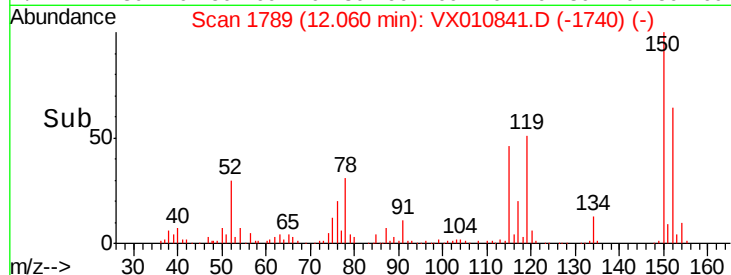
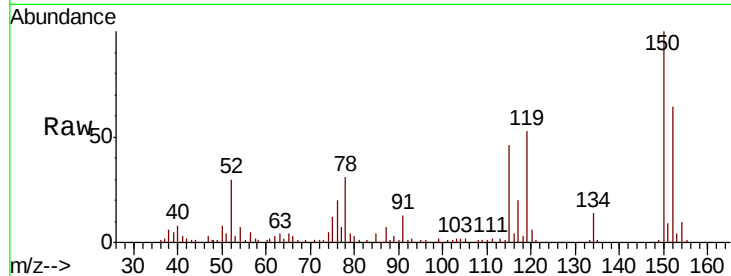




#86
p-Isopropyltoluene
Concen: 1.738 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX010841.D
Acq: 12 Jul 2019 17:13

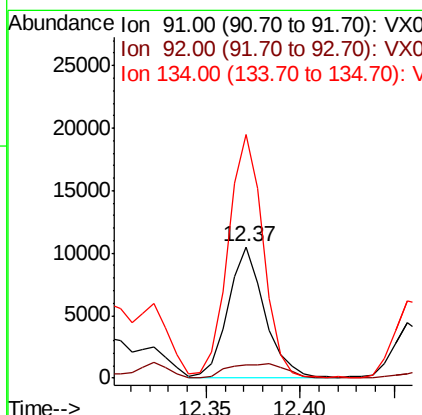
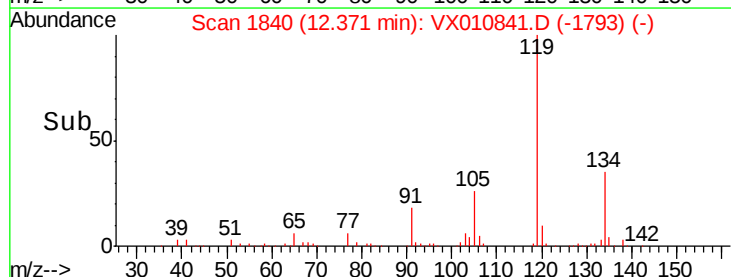
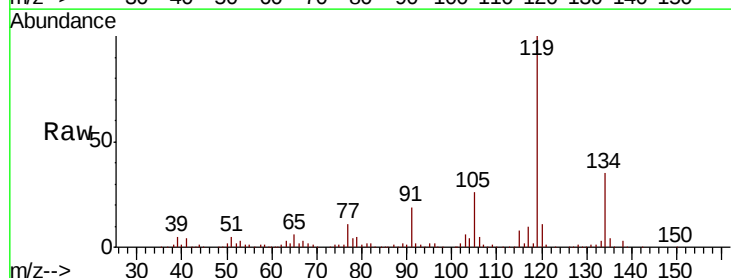
Instrument :
MSVOA_X
ClientSampled :
FL-0584

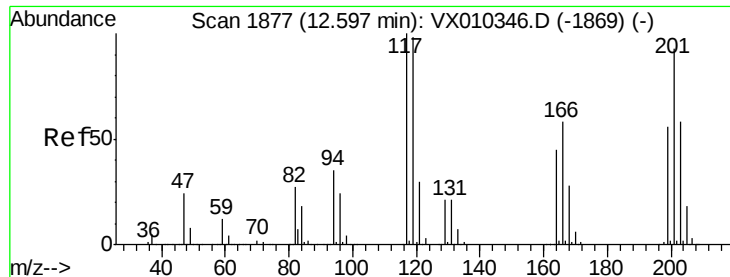
Tot Ion: 119 Resp: 15511
Ion Ratio Lower Upper
119 100
134 25.8 13.7 41.1
91 27.3 11.3 33.8



#89
n-Butylbenzene
Concen: 1.839 ug/l
RT: 12.37 min Scan# 1840
Delta R.T. -0.01 min
Lab File: VX010841.D
Acq: 12 Jul 2019 17:13

Tgt Ion: 91 Resp: 13943
Ion Ratio Lower Upper
91 100
92 17.8 26.2 78.5#
134 180.6 14.1 42.4#





#90

Hexachloroethane

Concen: 5.639 ug/l

RT: 12.61 min Scan# 1879

Delta R.T. 0.01 min

Lab File: VX010841.D

Acq: 12 Jul 2019 17:13

Instrument :

MSVOA_X

ClientSampled :

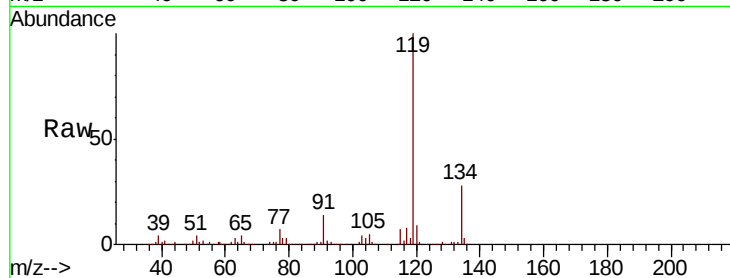
FL-0584

Tot Ion:117 Resp: 8702

Ion Ratio Lower Upper

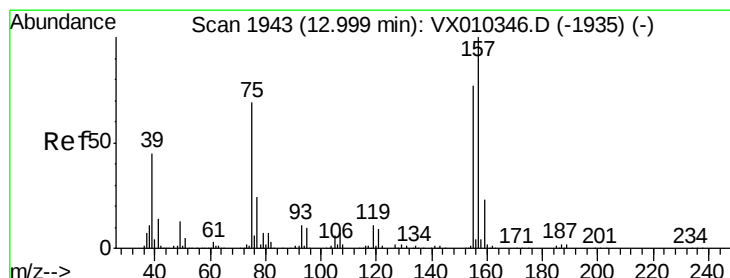
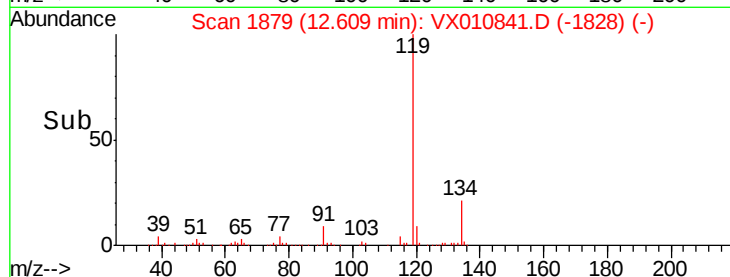
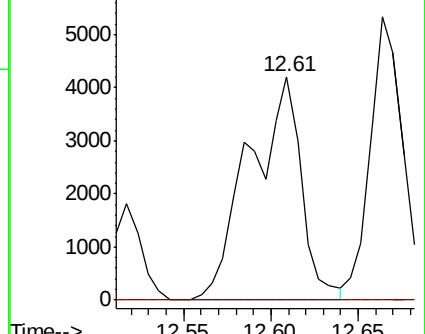
117 100

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: 0.903 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX010841.D

Acq: 12 Jul 2019 17:13

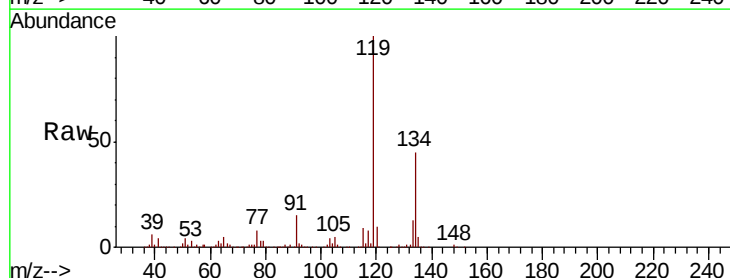
Tgt Ion: 75 Resp: 640

Ion Ratio Lower Upper

75 100

155 0.0 54.4 163.1#

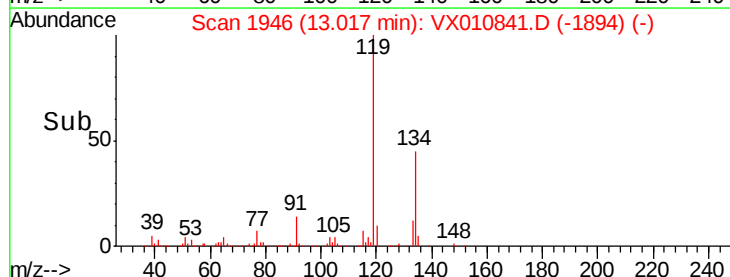
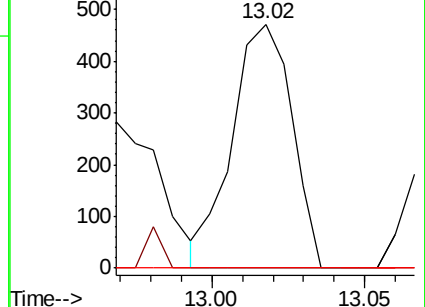
157 0.0 69.5 208.3#

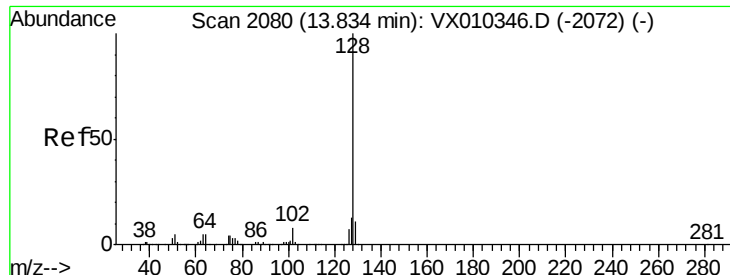


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95
Naphthalene
Concen: 0.670 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010841.D
Acq: 12 Jul 2019 17:13

Instrument :
MSVOA_X
ClientSampleId :
FL-0584

Tot Ion	Ratio	Lower	Upper
128	100		
127	19.3	10.2	15.4#
129	35.0	8.9	13.3#

