

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070819\
 Data File : VX010703.D
 Acq On : 08 Jul 2019 18:09
 Operator : JC/SP
 Sample : K3664-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0579

Quant Time: Jul 09 01:11:12 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	228379	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	354713	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	325347	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	165869	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	113439	52.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.96%	
35) Dibromofluoromethane	5.50	113	107091	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	
50) Toluene-d8	8.71	98	424202	51.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.18%	
62) 4-Bromofluorobenzene	11.13	95	150252	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	

Target Compounds

						Qvalue
3) Chloromethane	1.33	50	572	0.309	ug/l #	86
5) Bromomethane	1.65	94	323	0.327	ug/l #	58
6) Chloroethane	1.71	64	242	0.203	ug/l #	76
11) Tert butyl alcohol	3.04	59	574	1.024	ug/l #	74
13) Acrolein	2.39	56	7437	20.009	ug/l #	79
14) Allyl chloride	2.84	41	24015	8.545	ug/l #	60
15) Acrylonitrile	3.17	53	8129	7.328	ug/l #	40
16) Acetone	2.44	43	9637	8.980	ug/l	99
18) Methyl Acetate	2.84	43	59987	28.047	ug/l #	48
20) Methylene Chloride	2.85	84	828	0.375	ug/l #	1
25) 2-Butanone	4.69	43	7836	4.978	ug/l	90
26) 2,2-Dichloropropane	4.41	77	3637	1.233	ug/l #	50
29) Tetrahydrofuran	5.15	42	203	0.208	ug/l #	46
31) Cyclohexane	5.58	56	387263	125.208	ug/l	97
36) 1,1-Dichloropropene	5.66	75	14534	5.156	ug/l #	48
38) Carbon Tetrachloride	5.67	117	20141	6.599	ug/l #	14
39) Methylcyclohexane	7.46	83	647527	174.764	ug/l	98
40) Benzene	6.15	78	55443	6.313	ug/l	99
43) Isopropyl Acetate	6.46	43	7515	1.566	ug/l #	61
45) 1,2-Dichloropropane	7.46	63	5992	2.702	ug/l #	1
48) Methyl methacrylate	7.73	41	20447	9.169	ug/l #	50
49) 1,4-Dioxane	7.81	88	20	0.311	ug/l #	1
51) 4-Methyl-2-Pentanone	8.67	43	5391	1.757	ug/l #	34
55) 1,1,2-Trichloroethane	9.16	97	32208	13.504	ug/l #	19
56) Ethyl methacrylate	9.16	69	6605	1.828	ug/l #	1
59) 2-Hexanone	9.30	43	564	0.234	ug/l	68
67) Ethyl Benzene	10.25	91	690087	61.886	ug/l	98
68) m/p-Xylenes	10.36	106	214226	49.581	ug/l	99
69) o-Xylene	10.70	106	7875	1.853	ug/l	94
73) Isopropylbenzene	11.02	105	470731	41.866	ug/l	98
74) N-amyl acetate	10.94	43	3553	0.836	ug/l #	41
76) 1,2,3-Trichloropropane	11.36	75	5207	1.723	ug/l #	1
78) n-propylbenzene	11.36	91	806949	65.300	ug/l	99
79) 2-Chlorotoluene	11.36	91	806949	109.661	ug/l #	38

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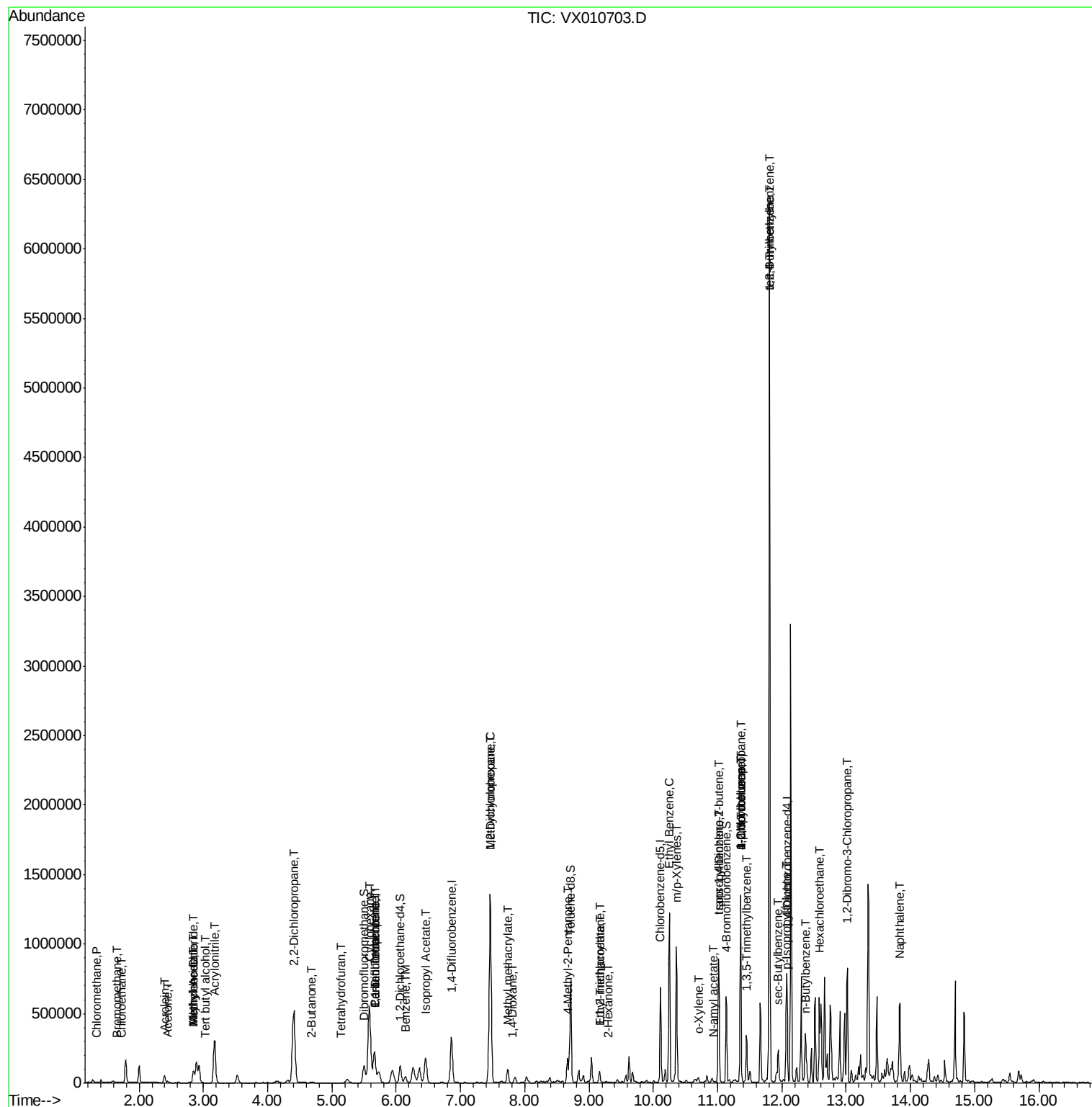
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	11.45	105	166249	17.936	ug/l	71
81) trans-1,4-Dichloro-2-buten	11.01	75	5641	4.354	ug/l #	58
82) 4-Chlorotoluene	11.36	91	806949	96.372	ug/l #	42
83) tert-Butylbenzene	11.80	119	350803	37.707	ug/l #	57
84) 1,2,4-Trimethylbenzene	11.80	105	2808351	301.562	ug/l	99
85) sec-Butylbenzene	11.94	105	121621	11.134	ug/l	86
86) p-Isopropyltoluene	12.06	119	54285	5.373	ug/l	99
89) n-Butylbenzene	12.38	91	78078	9.094	ug/l #	60
90) Hexachloroethane	12.58	117	25728	14.726	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	13.02	75	2684	3.343	ug/l #	1
95) Naphthalene	13.83	128	365941	31.525	ug/l	99

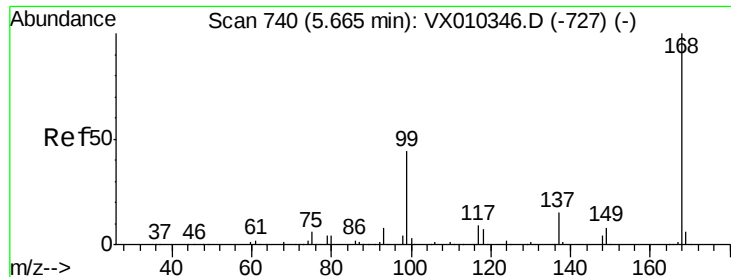
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX010703.D

Acq: 08 Jul 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

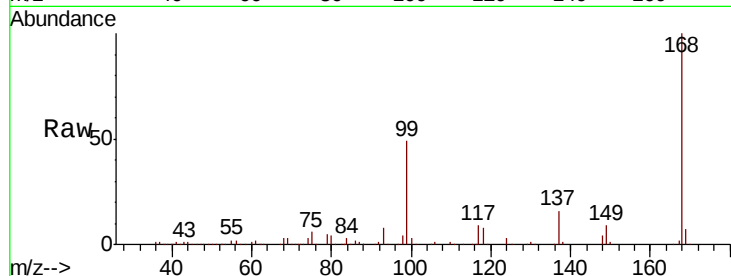
FL-0579

Tot Ion:168 Resp: 228379

Ion Ratio Lower Upper

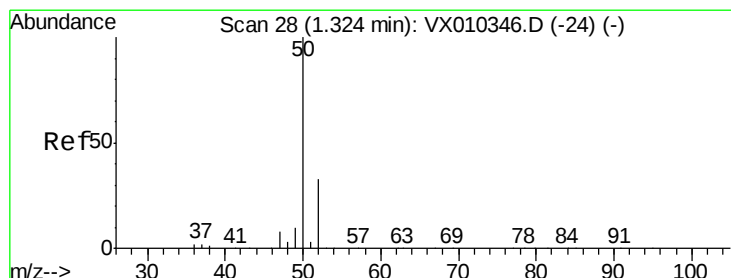
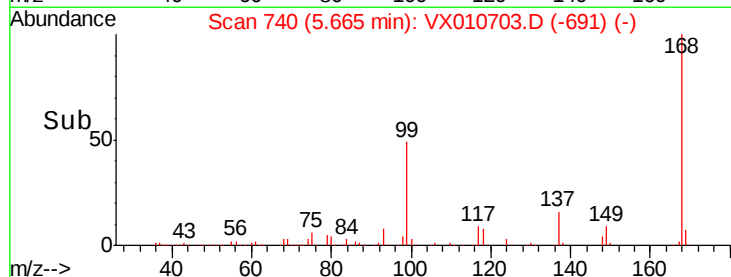
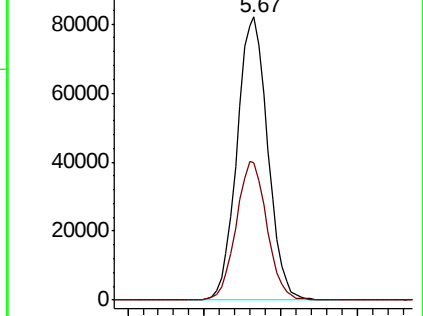
168 100

99 48.5 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: 0.309 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010703.D

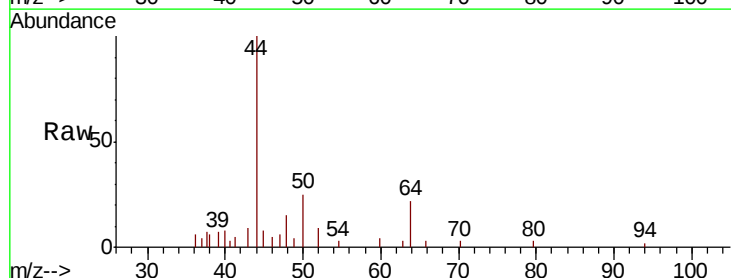
Acq: 08 Jul 2019 18:09

Tgt Ion: 50 Resp: 572

Ion Ratio Lower Upper

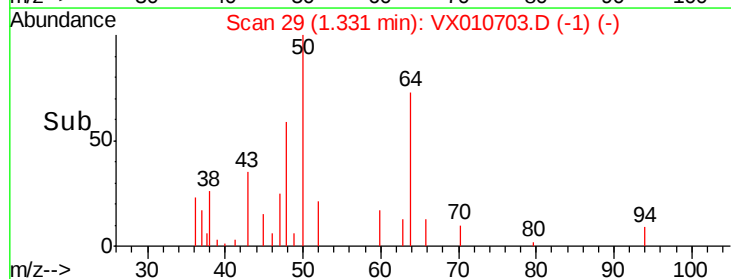
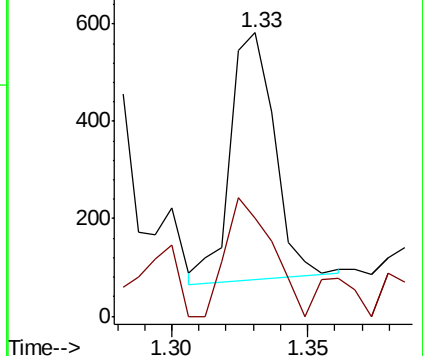
50 100

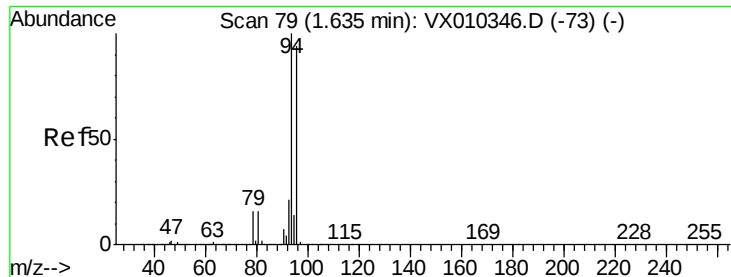
52 40.8 26.5 39.7#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: 0.327 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX010703.D

Acq: 08 Jul 2019 18:09

Instrument :

MSVOA_X

ClientSampled :

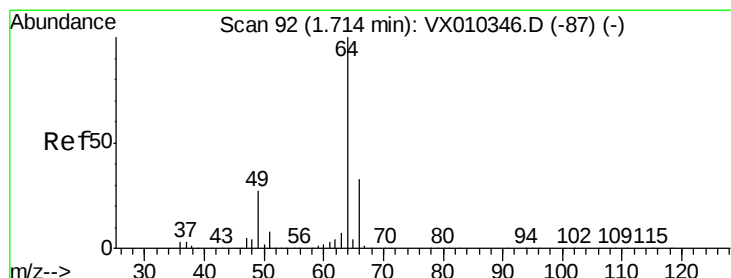
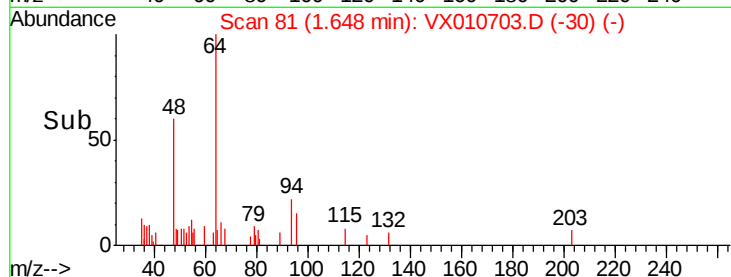
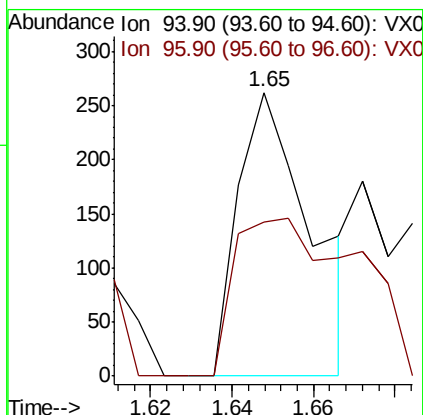
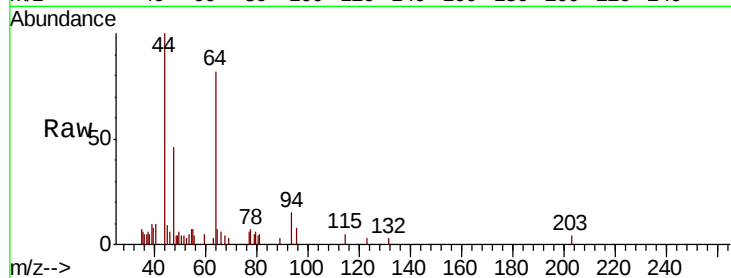
FL-0579

Tot Ion: 94 Resp: 323

Ion Ratio Lower Upper

94 100

96 54.2 75.5 113.3#



#6

Chloroethane

Concen: 0.203 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010703.D

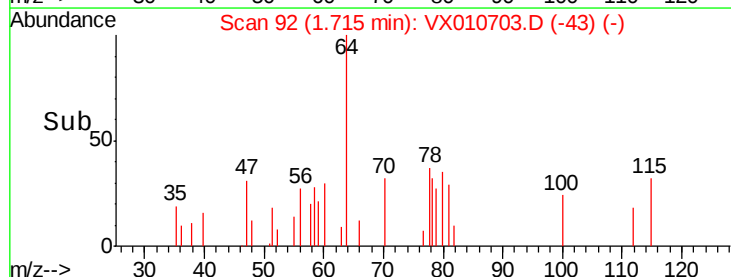
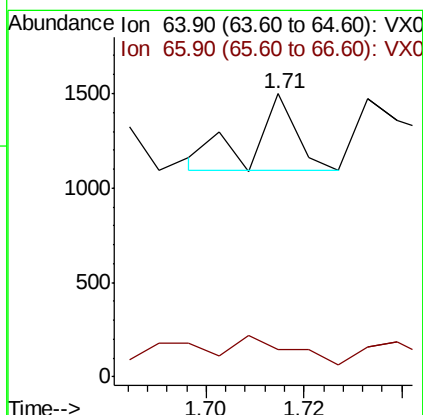
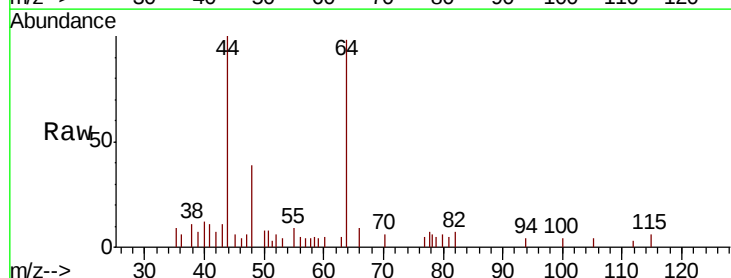
Acq: 08 Jul 2019 18:09

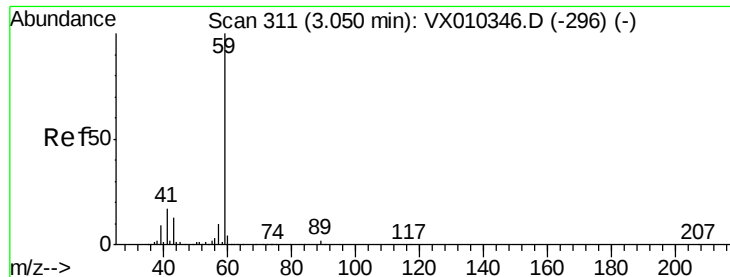
Tgt Ion: 64 Resp: 242

Ion Ratio Lower Upper

64 100

66 19.7 26.6 40.0#

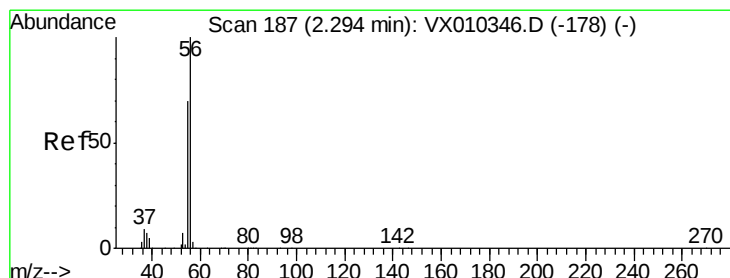
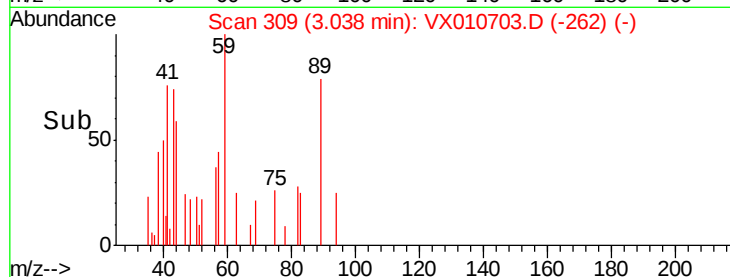
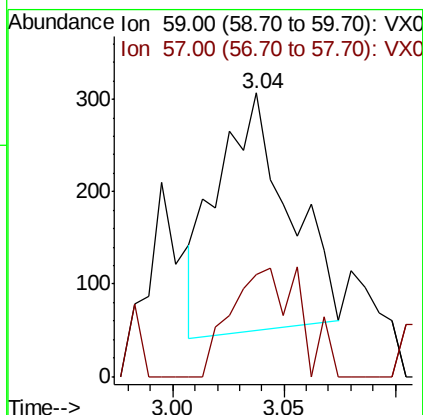
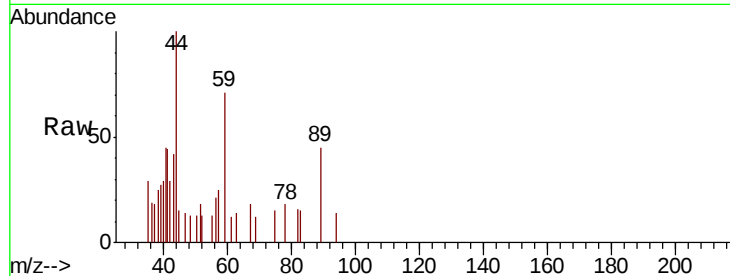




#11
Tert butyl alcohol
Concen: 1.024 ug/l
RT: 3.04 min Scan# 309
Delta R.T. -0.01 min
Lab File: VX010703.D
Acq: 08 Jul 2019 18:09

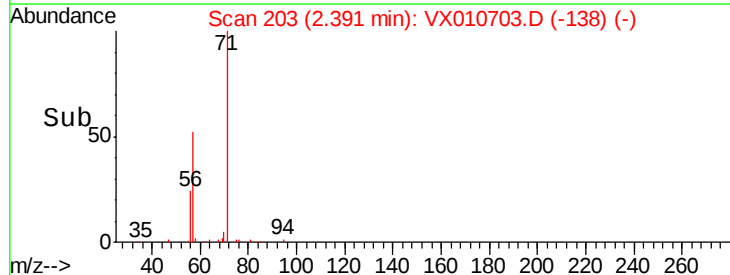
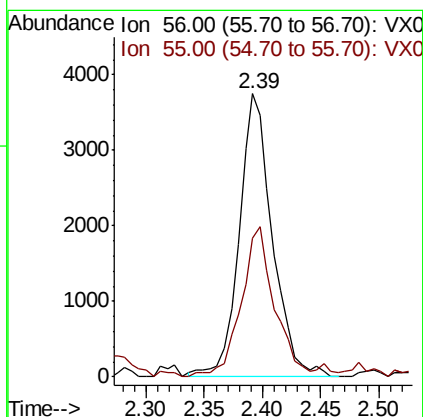
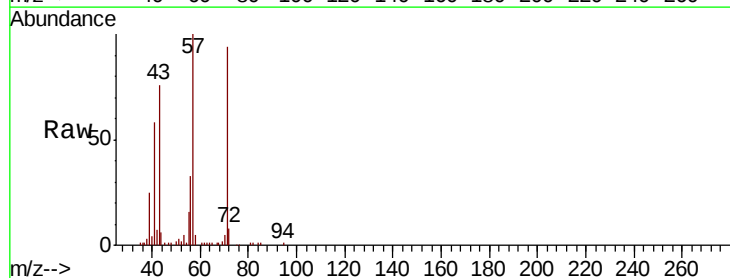
Instrument :
MSVOA_X
ClientSampled :
FL-0579

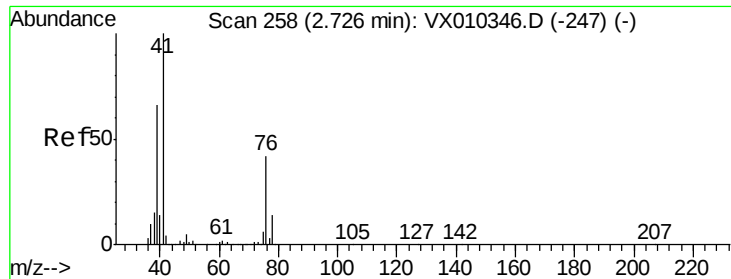
Tot Ion: 59 Resp: 574
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



#13
Acrolein
Concen: 20.009 ug/l
RT: 2.39 min Scan# 203
Delta R.T. 0.10 min
Lab File: VX010703.D
Acq: 08 Jul 2019 18:09

Tgt Ion: 56 Resp: 7437
Ion Ratio Lower Upper
56 100
55 53.6 56.9 85.3#

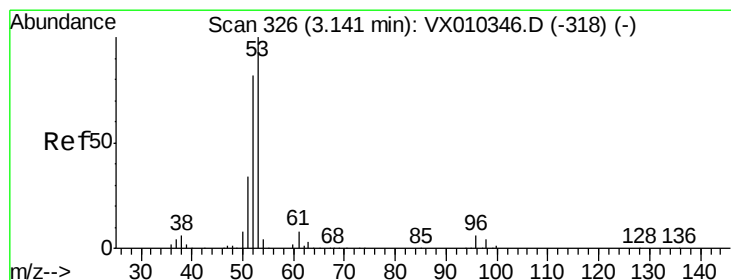
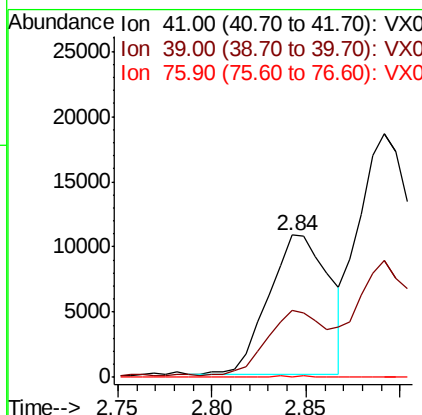
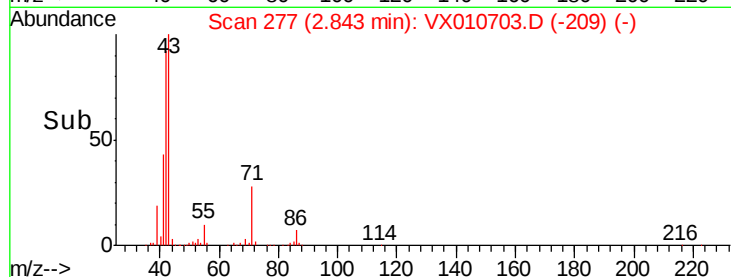
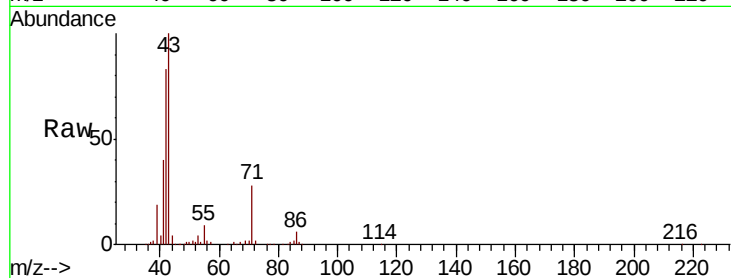




#14
Allvl chloride
Concen: 8.545 ug/l
RT: 2.84 min Scan# 277
Delta R.T. 0.12 min
Lab File: VX010703.D
Acq: 08 Jul 2019 18:09

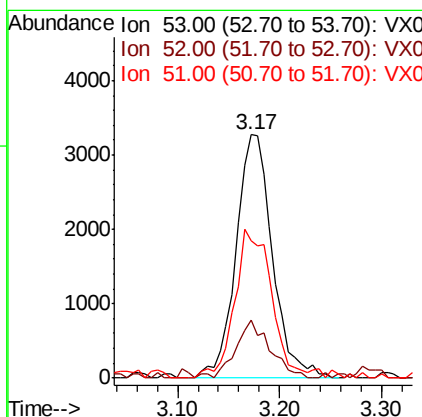
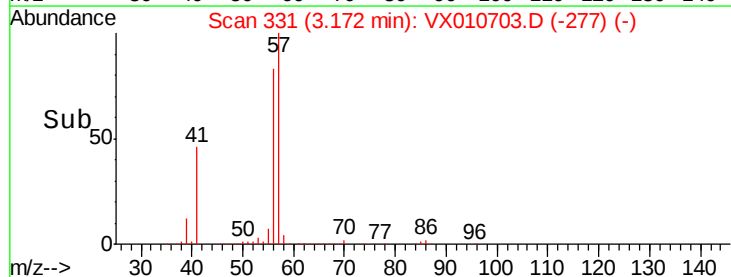
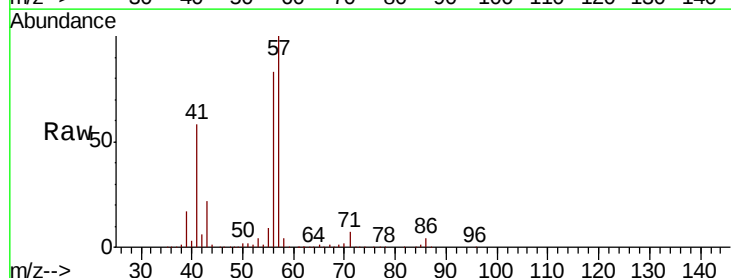
Instrument :
MSVOA_X
ClientSampled :
FL-0579

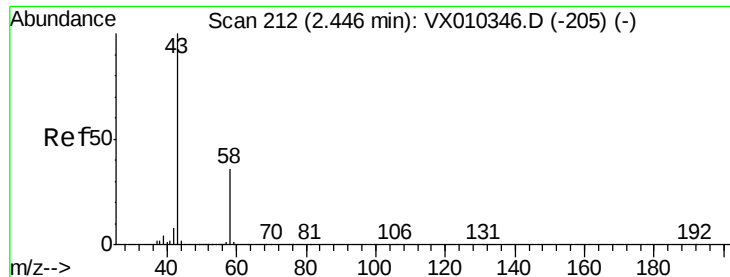
Tot Ion: 41 Resp: 24015
Ion Ratio Lower Upper
41 100
39 42.8 50.3 75.5#
76 0.6 31.3 46.9#



#15
Acrylonitrile
Concen: 7.328 ug/l
RT: 3.17 min Scan# 331
Delta R.T. 0.03 min
Lab File: VX010703.D
Acq: 08 Jul 2019 18:09

Tgt Ion: 53 Resp: 8129
Ion Ratio Lower Upper
53 100
52 22.4 65.5 98.3#
51 61.2 28.2 42.4#





#16

Acetone

Concen: 8.980 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010703.D

Acq: 08 Jul 2019 18:09

Instrument :

MSVOA_X

ClientSampled :

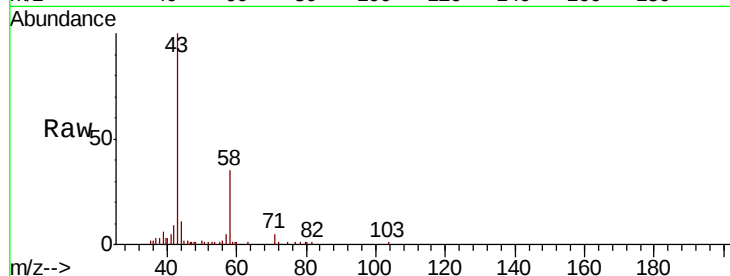
FL-0579

Tot Ion: 43 Resp: 9637

Ion Ratio Lower Upper

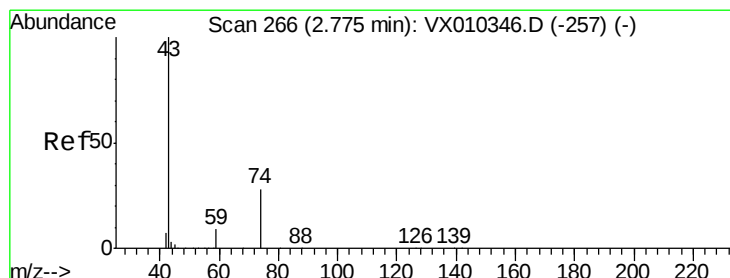
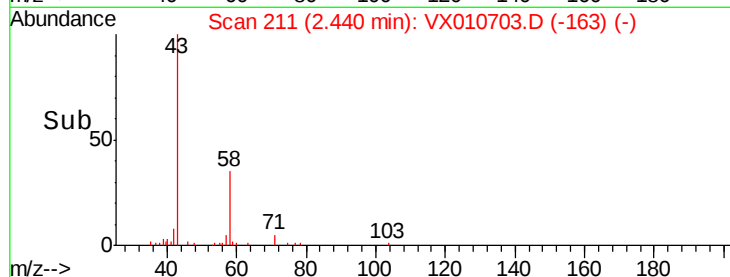
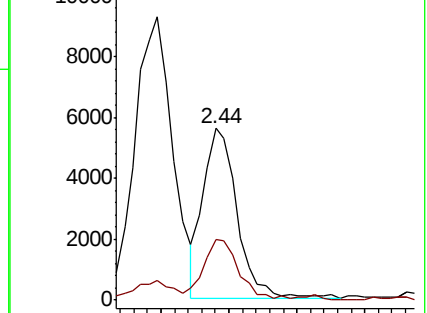
43 100

58 35.6 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#18

Methyl Acetate

Concen: 28.047 ug/l

RT: 2.84 min Scan# 277

Delta R.T. 0.07 min

Lab File: VX010703.D

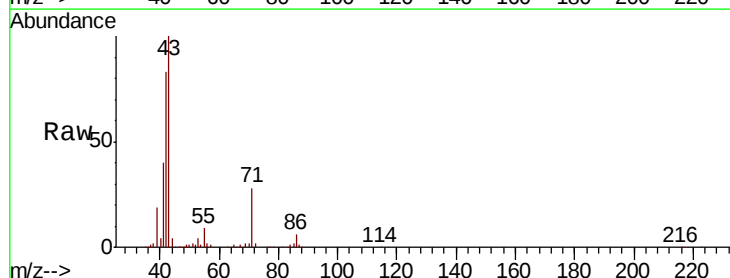
Acq: 08 Jul 2019 18:09

Tgt Ion: 43 Resp: 59987

Ion Ratio Lower Upper

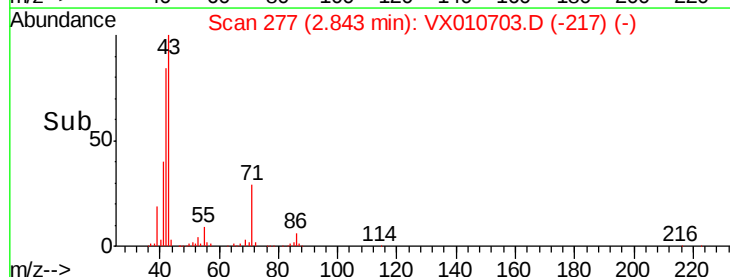
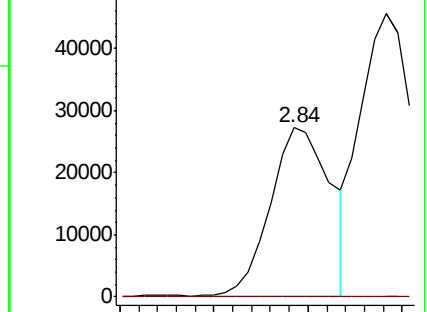
43 100

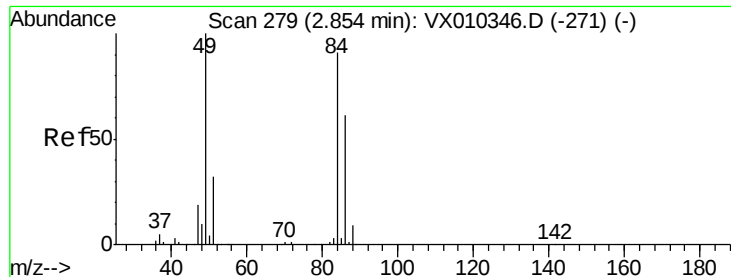
74 0.0 21.3 31.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

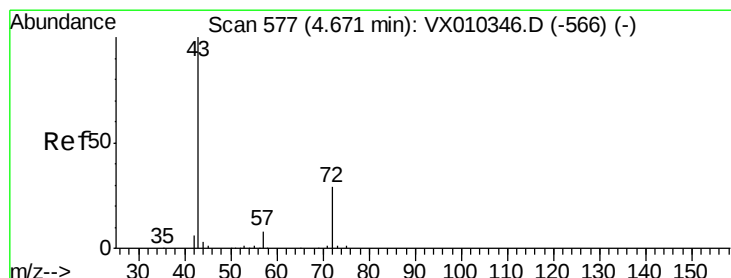
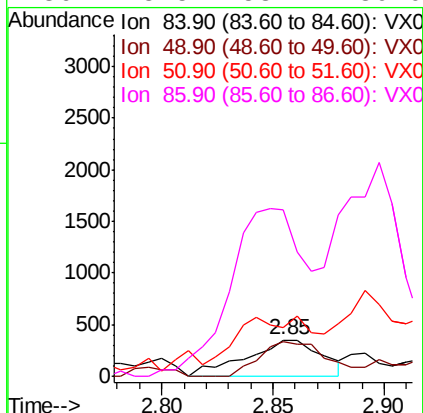
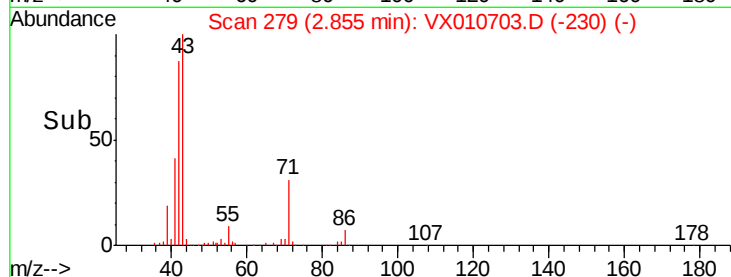
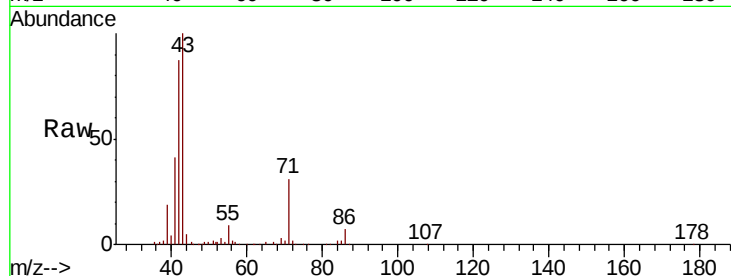




#20
Methvlene Chloride
Concen: 0.375 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010703.D
Acq: 08 Jul 2019 18:09

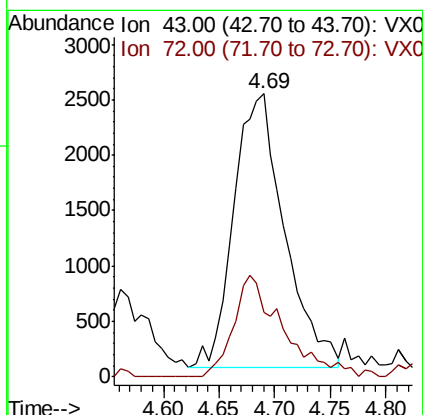
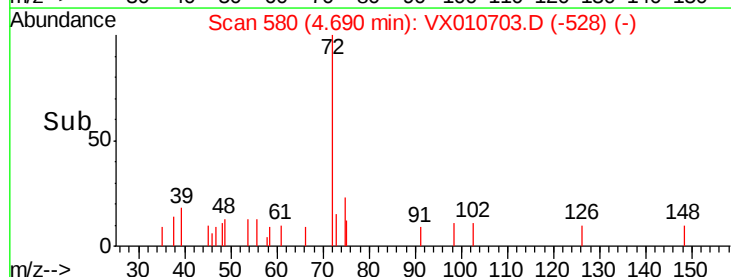
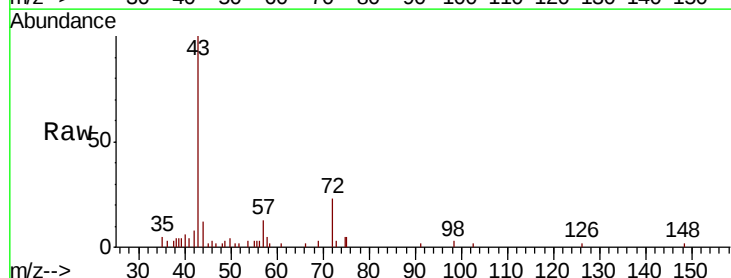
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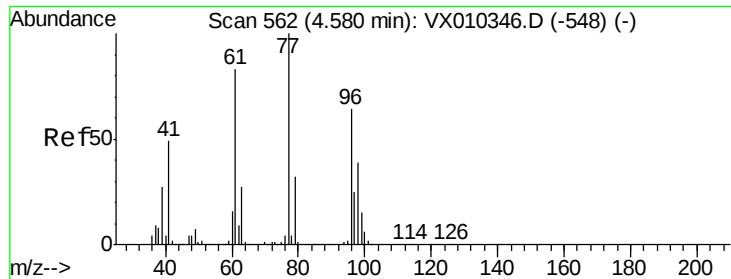
Tot Ion: 84 Resp: 828
Ion Ratio Lower Upper
84 100
49 95.1 87.5 131.3
51 67.2 27.7 41.5#
86 415.5 53.4 80.0#



#25
2-Butanone
Concen: 4.978 ug/l
RT: 4.69 min Scan# 580
Delta R.T. 0.02 min
Lab File: VX010703.D
Acq: 08 Jul 2019 18:09

Tgt Ion: 43 Resp: 7836
Ion Ratio Lower Upper
43 100
72 23.7 23.3 34.9





#26

2,2-Dichloropropane

Concen: 1.233 ug/l

RT: 4.41 min Scan# 534

Delta R.T. -0.17 min

Lab File: VX010703.D

Acq: 08 Jul 2019 18:09

Instrument :

MSVOA_X

ClientSampled :

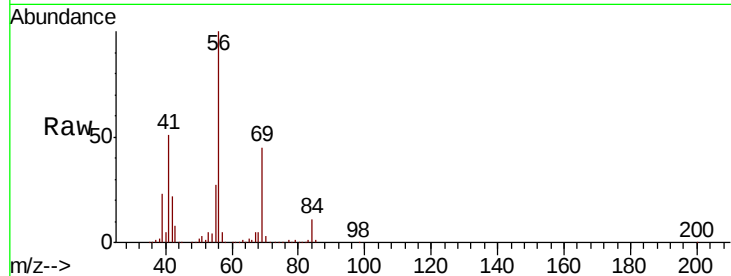
FL-0579

Tot Ion: 77 Resp: 3637

Ion Ratio Lower Upper

77 100

97 0.5 13.1 39.3#



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.41

1500

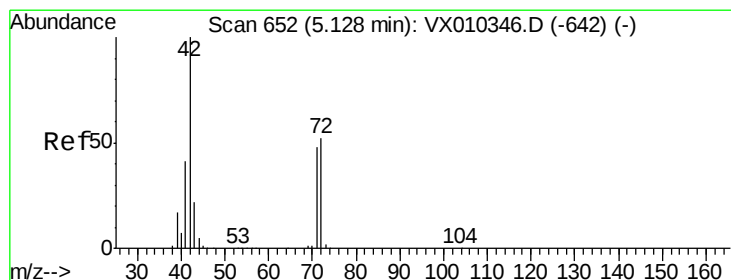
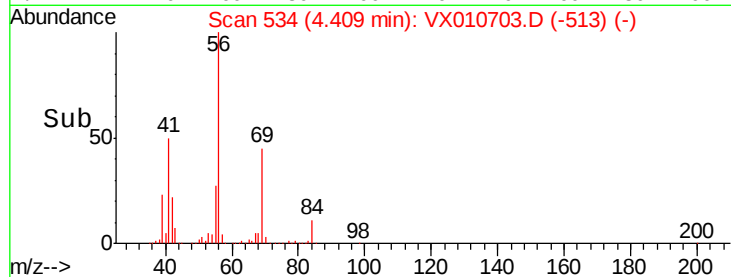
1000

500

0

4.30 4.35 4.40 4.45 4.50

Time-->



#29

Tetrahydrofuran

Concen: 0.208 ug/l

RT: 5.15 min Scan# 655

Delta R.T. 0.02 min

Lab File: VX010703.D

Acq: 08 Jul 2019 18:09

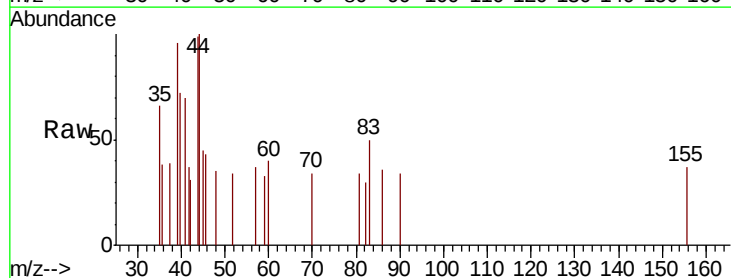
Tgt Ion: 42 Resp: 203

Ion Ratio Lower Upper

42 100

72 24.6 40.6 60.8#

71 0.0 37.8 56.8#



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

250

200

150

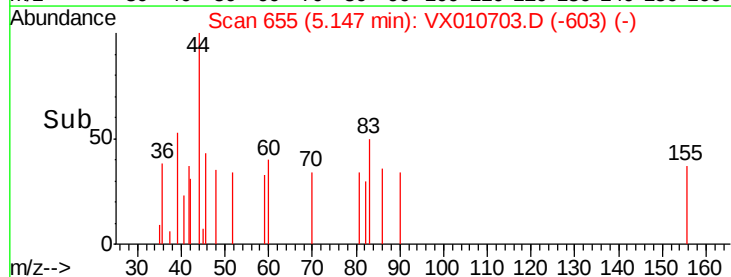
100

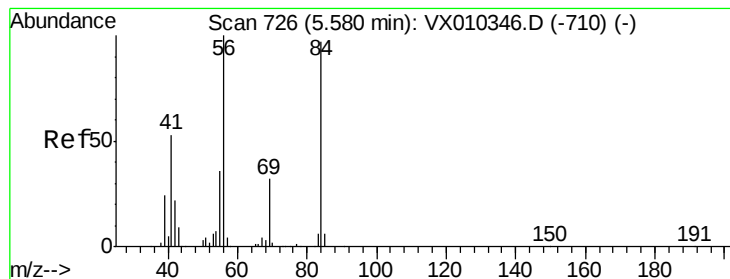
50

0

5.10 5.12 5.14 5.16

Time-->





#31

Cyclohexane

Concen: 125.208 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010703.D

Acq: 08 Jul 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

FL-0579

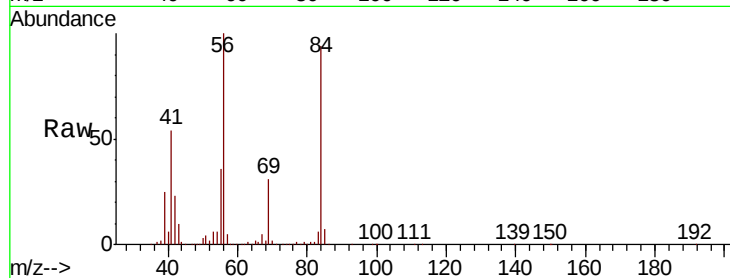
Tot Ion: 56 Resp: 387263

Ion Ratio Lower Upper

56 100

69 31.2 25.9 38.9

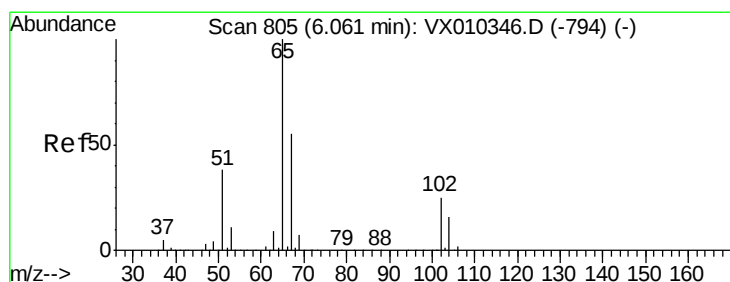
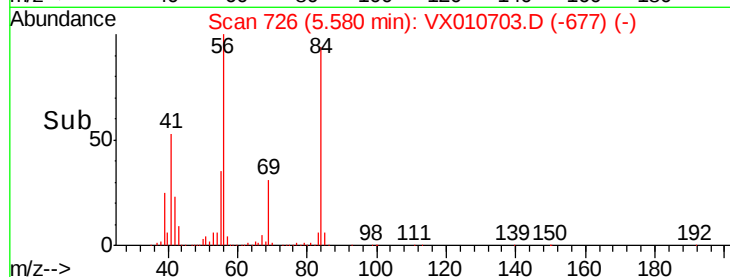
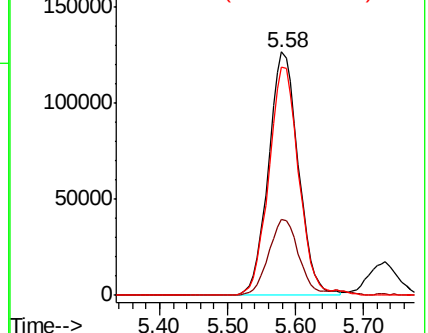
84 93.6 78.0 117.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 52.977 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010703.D

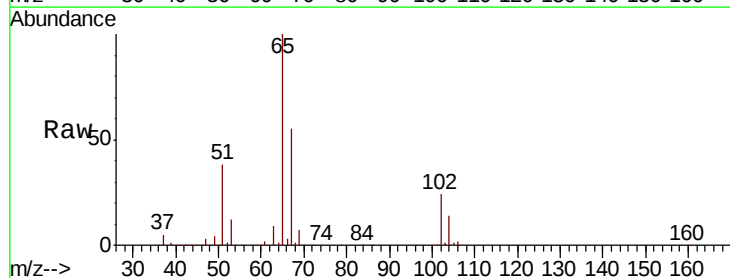
Acq: 08 Jul 2019 18:09

Tgt Ion: 65 Resp: 113439

Ion Ratio Lower Upper

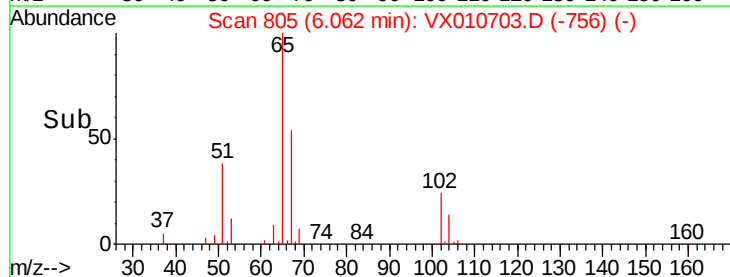
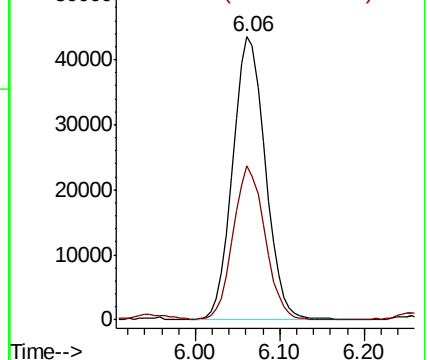
65 100

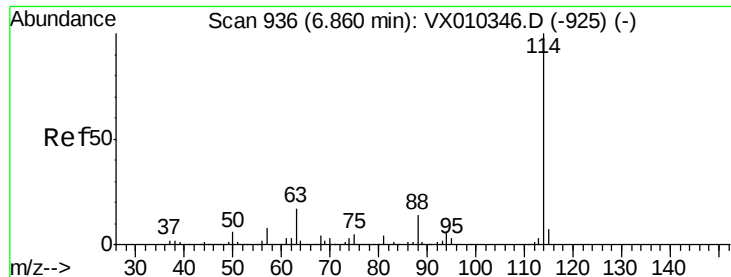
67 53.1 0.0 110.2



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: VX010703.D

Acq: 08 Jul 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

FL-0579

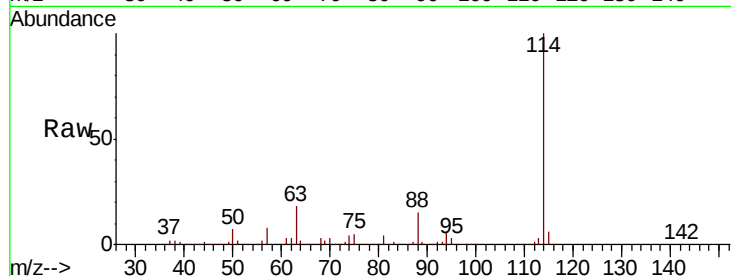
Tot Ion:114 Resp: 354713

Ion Ratio Lower Upper

114 100

63 17.7 0.0 33.8

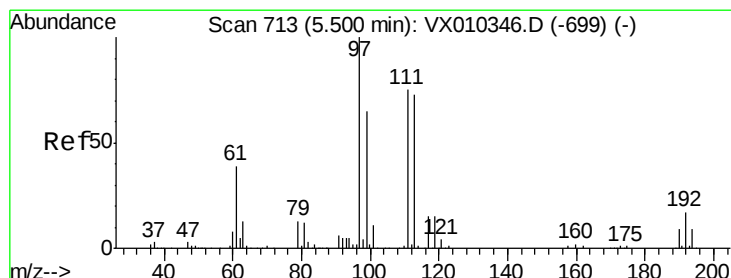
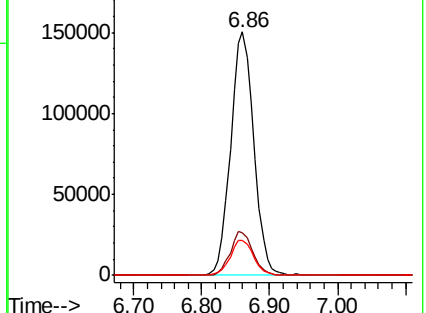
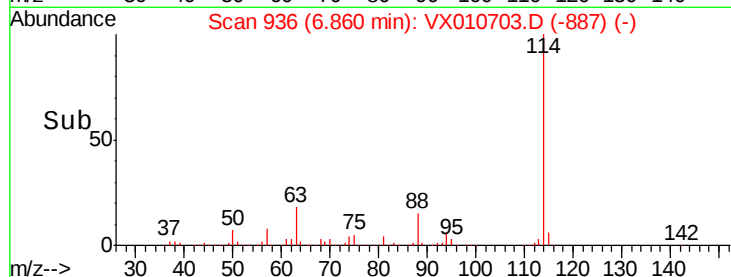
88 14.6 0.0 27.6



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: 49.345 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010703.D

Acq: 08 Jul 2019 18:09

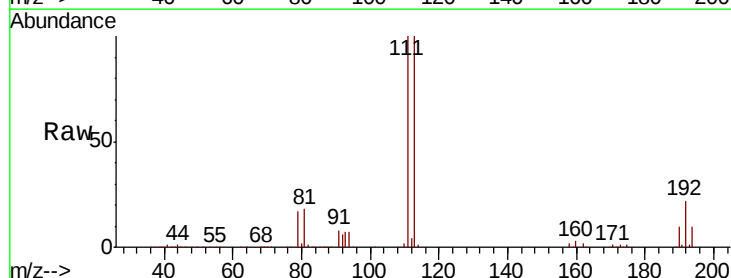
Tgt Ion:113 Resp: 107091

Ion Ratio Lower Upper

113 100

111 102.7 81.2 121.8

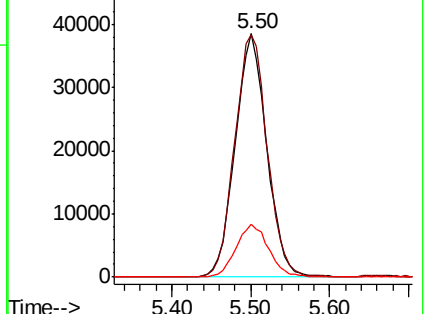
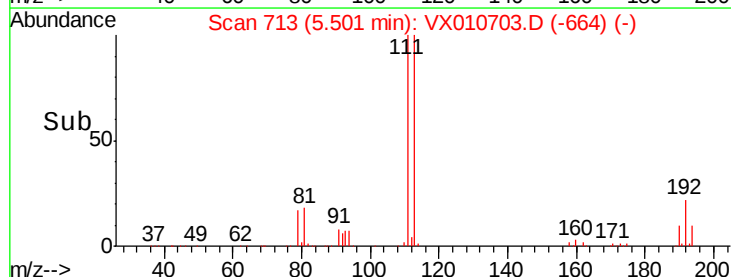
192 22.2 18.6 27.8

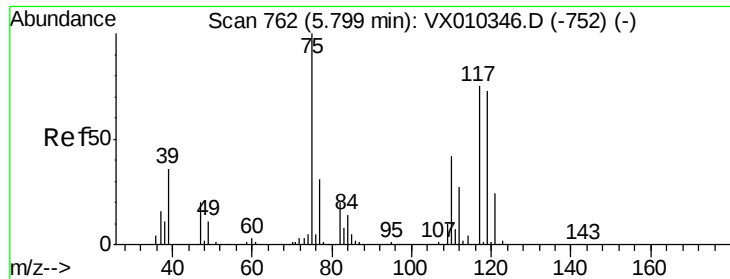


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

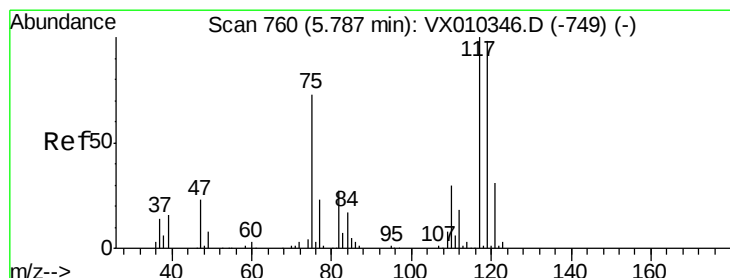
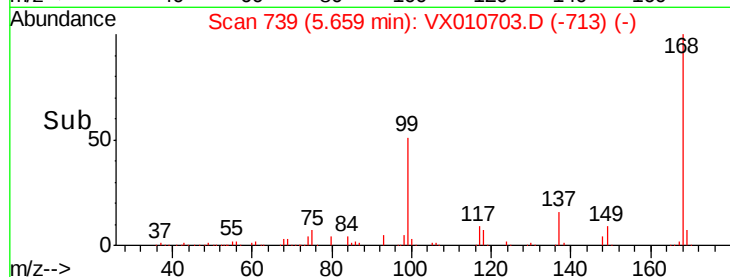
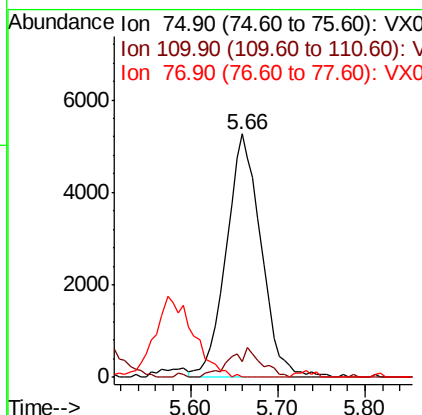
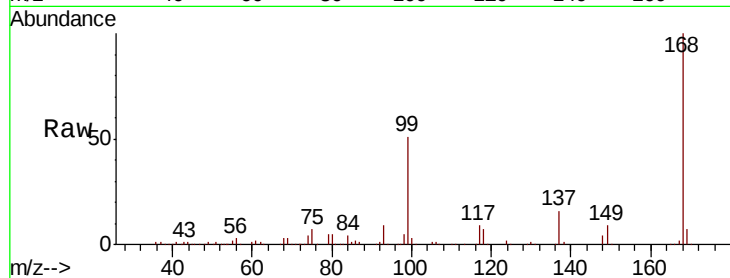




#36
 1,1-Dichloropropene
 Concen: 5.156 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX010703.D
 Acq: 08 Jul 2019 18:09

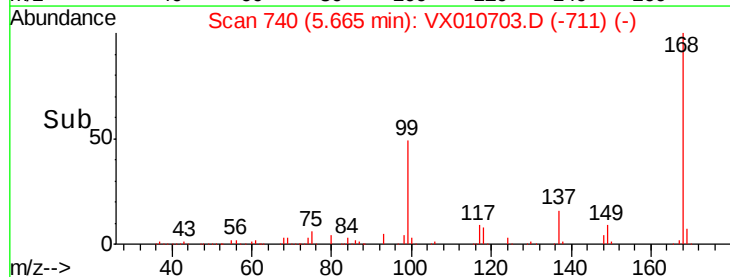
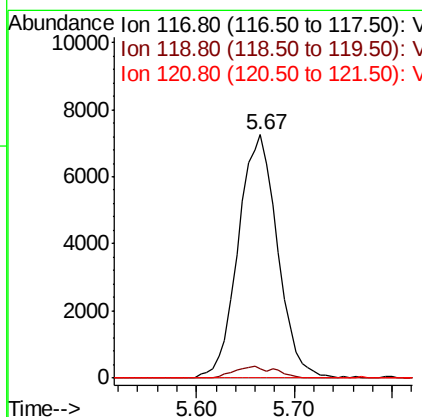
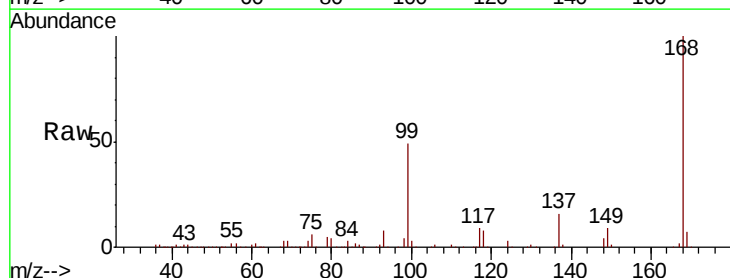
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0579

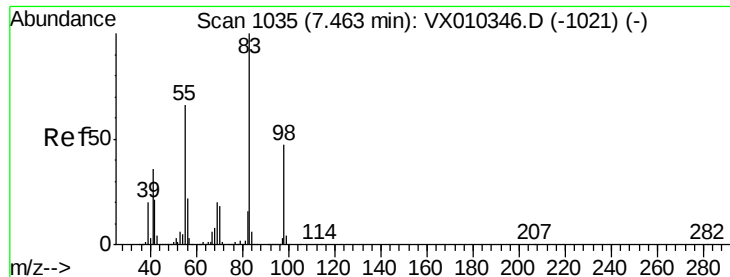
Tot Ion: 75 Resp: 14534
 Ion Ratio Lower Upper
 75 100
 110 11.2 20.8 62.2#
 77 0.0 25.4 38.0#



#38
 Carbon Tetrachloride
 Concen: 6.599 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX010703.D
 Acq: 08 Jul 2019 18:09

Tgt Ion: 117 Resp: 20141
 Ion Ratio Lower Upper
 117 100
 119 3.8 78.2 117.4#
 121 0.0 24.7 37.1#

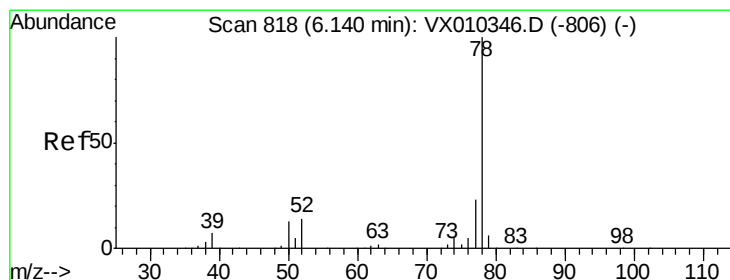
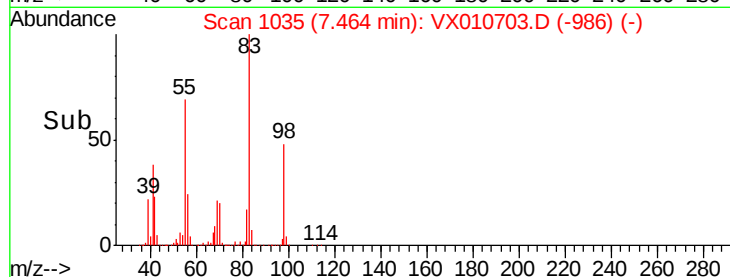
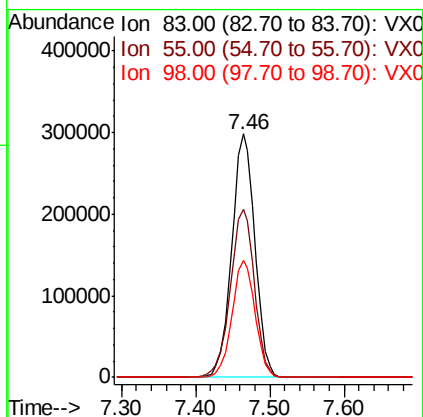
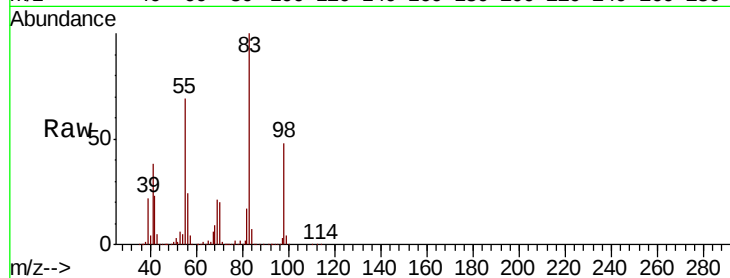




#39
Methvlcvclohexane
Concen: 174.764 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010703.D
Acq: 08 Jul 2019 18:09

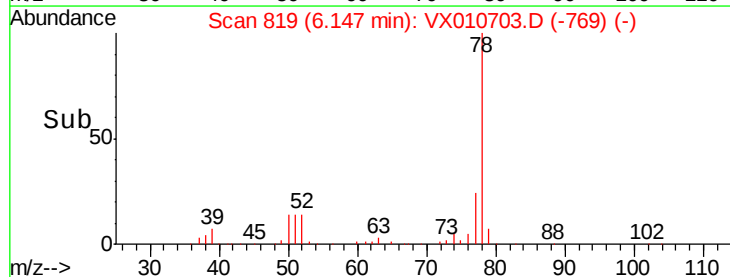
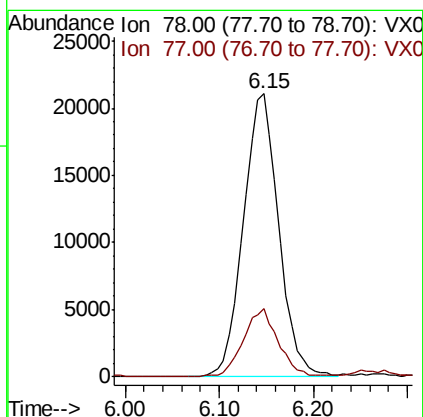
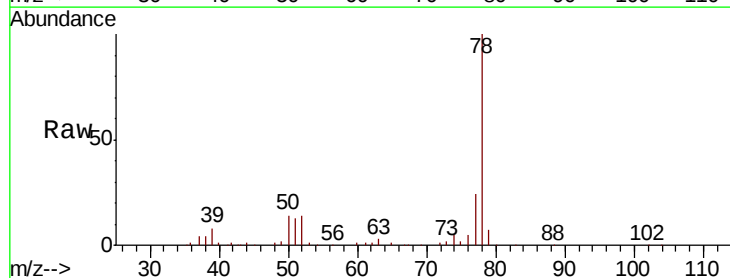
Instrument :
MSVOA_X
ClientSampleId :
FL-0579

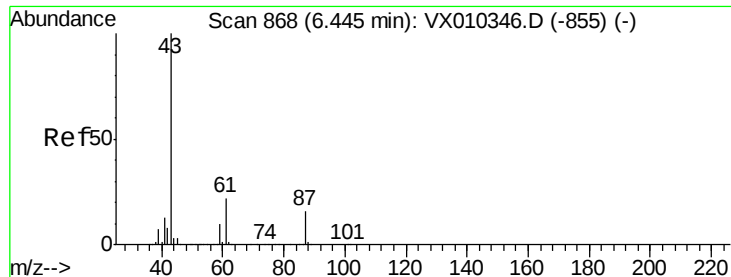
Tot Ion	83	Resp	647527
Ion	Ratio	Lower	Upper
83	100		
55	68.8	53.0	79.6
98	48.1	37.8	56.8



#40
Benzene
Concen: 6.313 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX010703.D
Acq: 08 Jul 2019 18:09

Tgt Ion	78	Resp	55443
Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.6	28.0



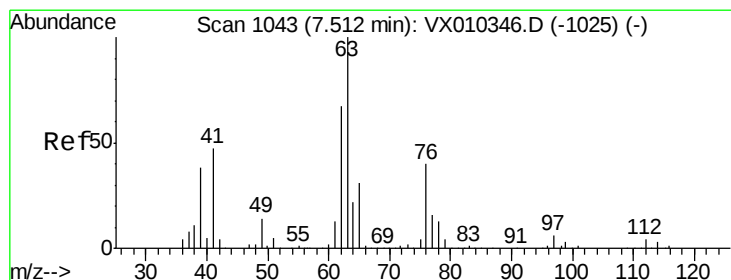
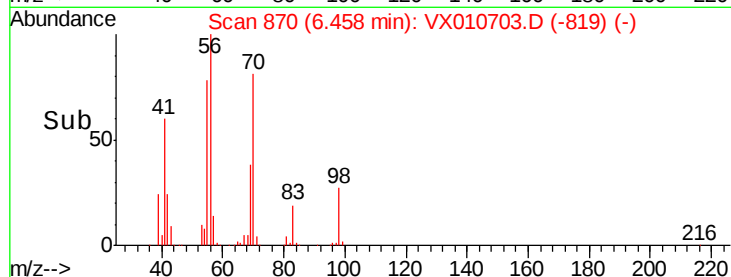
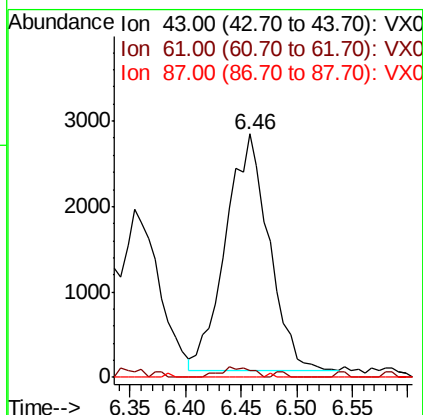
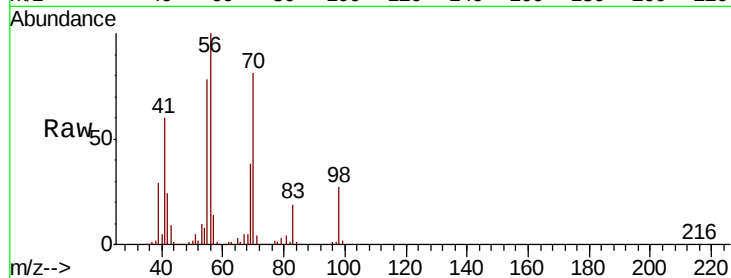


#43

Isopropyl Acetate
 Concen: 1.566 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.01 min
 Lab File: VX010703.D
 Acq: 08 Jul 2019 18:09

Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0579

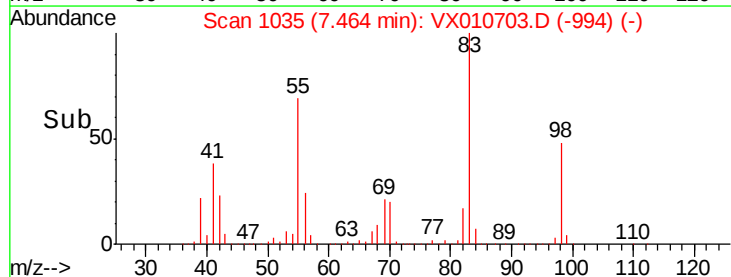
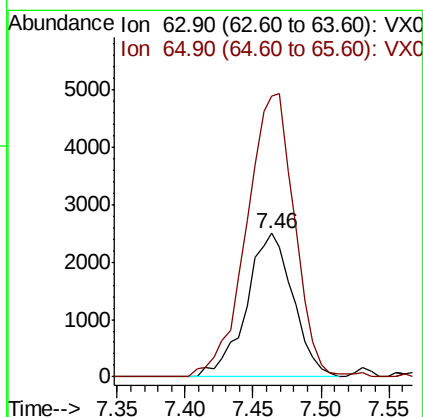
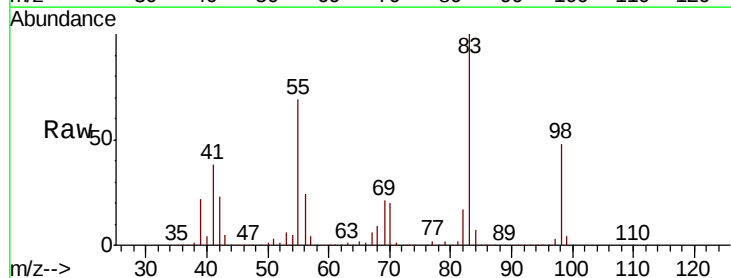
Tot Ion	Ratio	Lower	Upper
43	100		
61	3.2	17.8	26.6#
87	0.0	13.0	19.4#

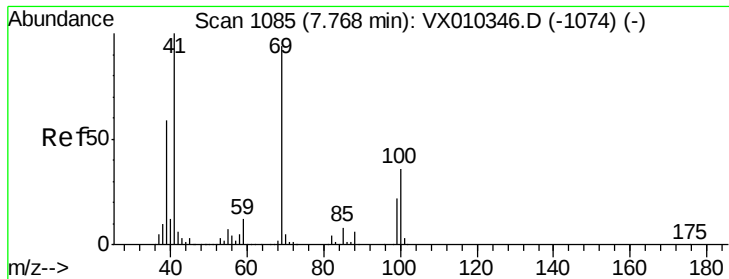


#45

1,2-Dichloropropane
 Concen: 2.702 ug/l
 RT: 7.46 min Scan# 1035
 Delta R.T. -0.05 min
 Lab File: VX010703.D
 Acq: 08 Jul 2019 18:09

Tgt Ion	Ratio	Lower	Upper
63	100		
65	195.3	24.8	37.2#

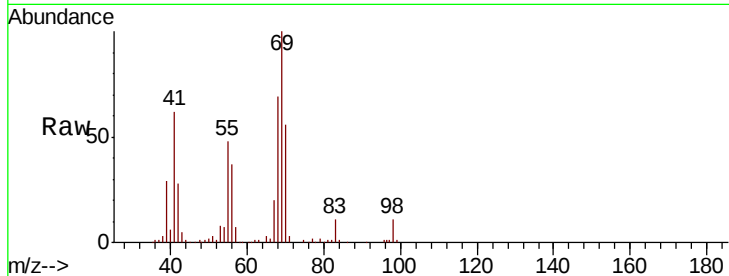




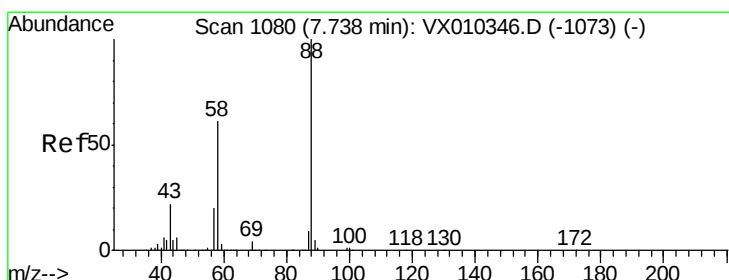
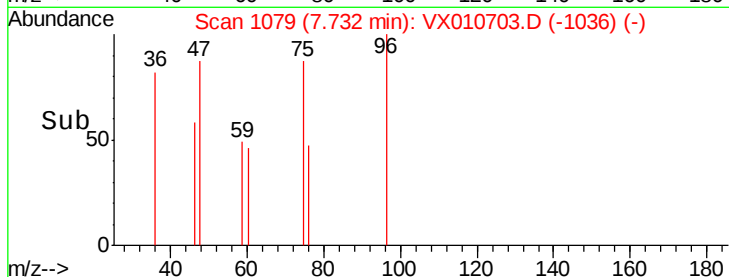
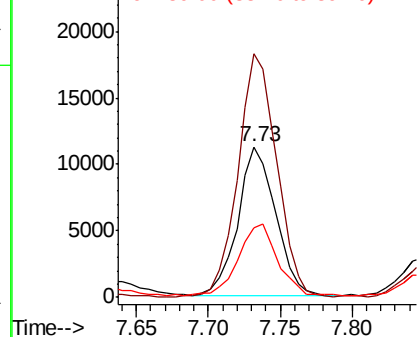
#48
Methvl methacrylate
Concen: 9.169 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.04 min
Lab File: VX010703.D
Acq: 08 Jul 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :
FL-0579

Tot Ion: 41 Resp: 20447
Ion Ratio Lower Upper
41 100
69 167.5 76.1 114.1#
39 50.5 47.6 71.4

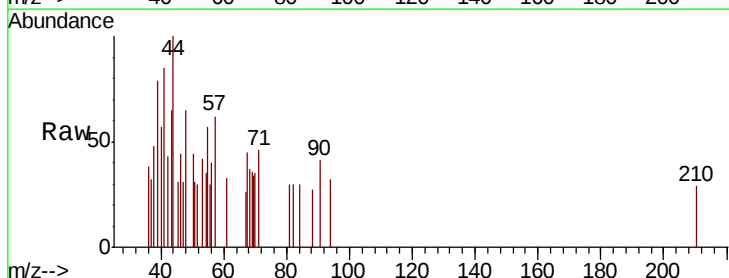


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

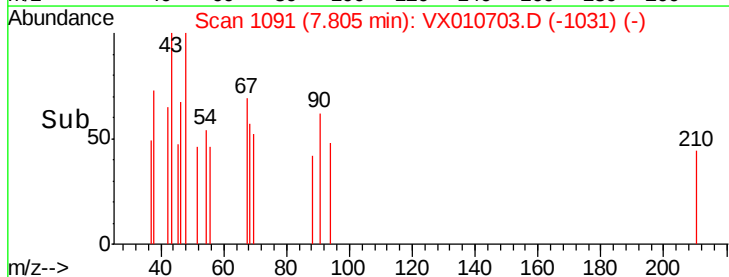
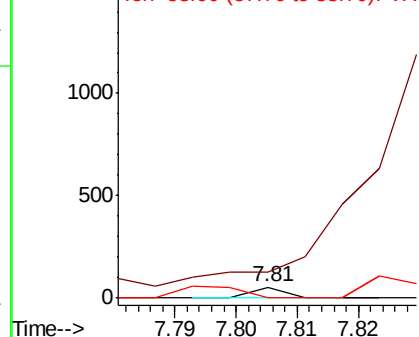


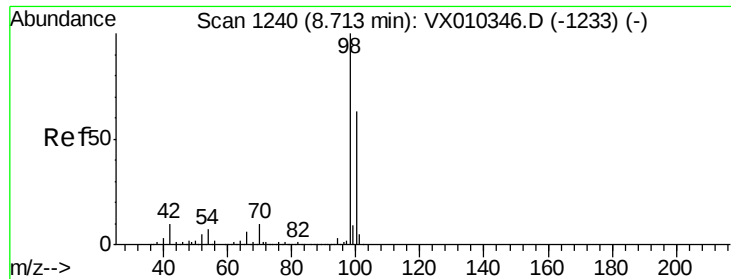
#49
1,4-Dioxane
Concen: 0.311 ug/l
RT: 7.81 min Scan# 1091
Delta R.T. 0.07 min
Lab File: VX010703.D
Acq: 08 Jul 2019 18:09

Tgt Ion: 88 Resp: 20
Ion Ratio Lower Upper
88 100
43 0.0 20.2 30.2#
58 210.0 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

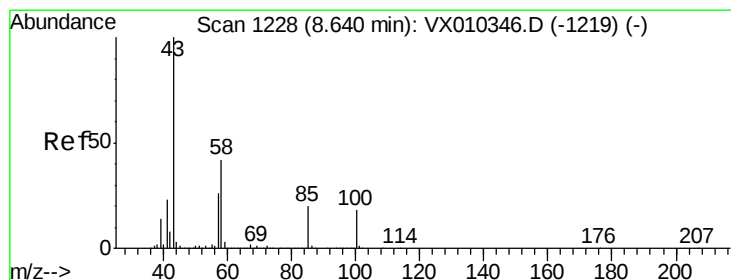
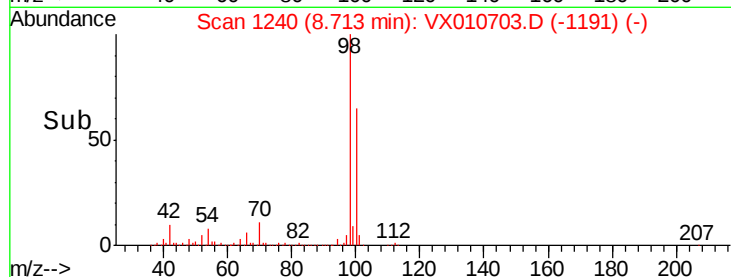
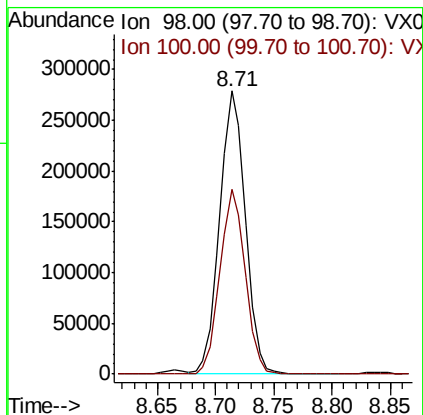
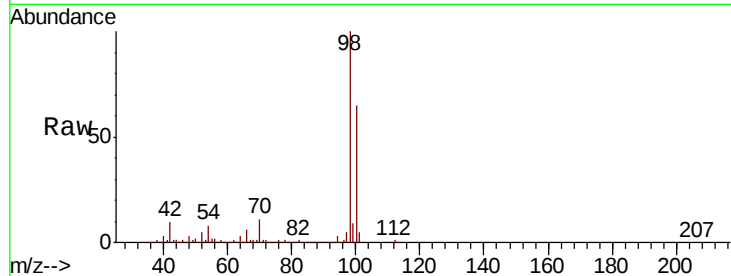




#50
Toluene-d8
Concen: 51.090 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010703.D
Acq: 08 Jul 2019 18:09

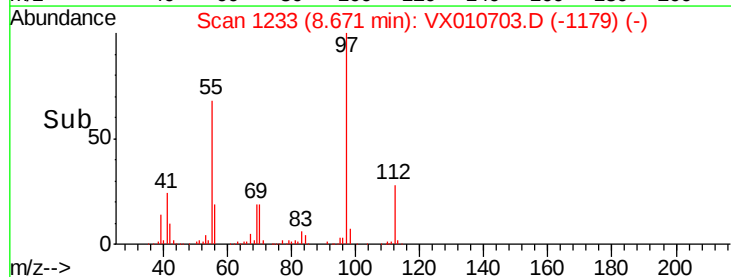
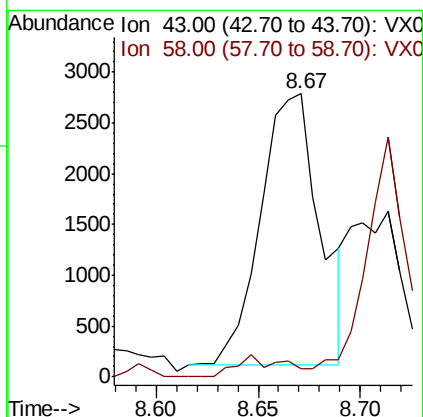
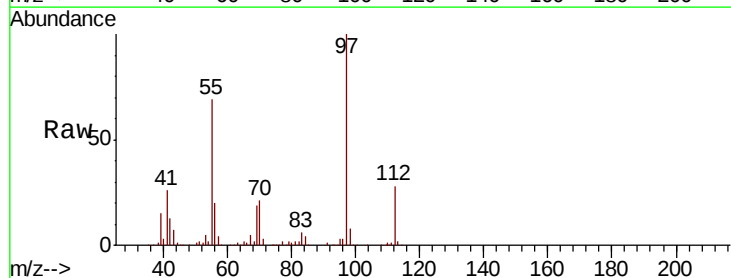
Instrument :
MSVOA_X
ClientSampled :
FL-0579

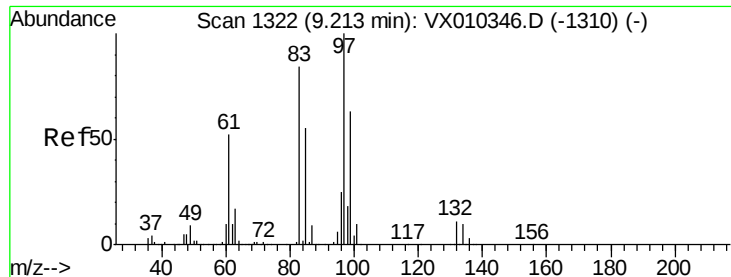
Tot Ion: 98 Resp: 424202
Ion Ratio Lower Upper
98 100
100 64.5 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 1.757 ug/l
RT: 8.67 min Scan# 1233
Delta R.T. 0.03 min
Lab File: VX010703.D
Acq: 08 Jul 2019 18:09

Tgt Ion: 43 Resp: 5391
Ion Ratio Lower Upper
43 100
58 0.0 33.5 50.3#

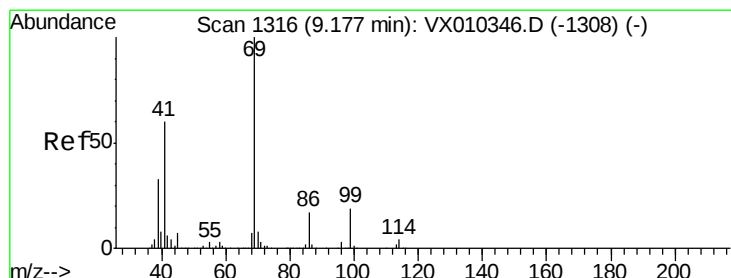
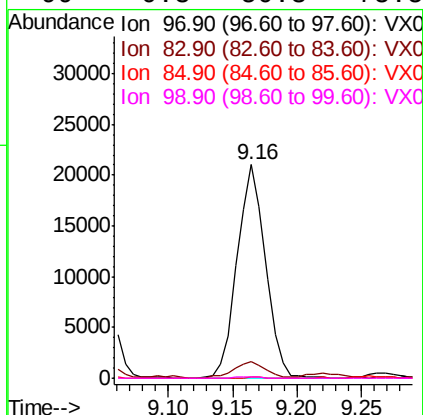
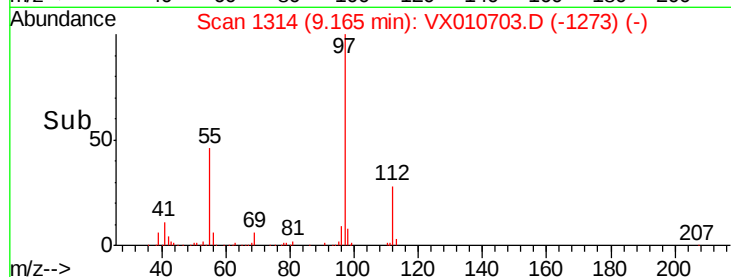
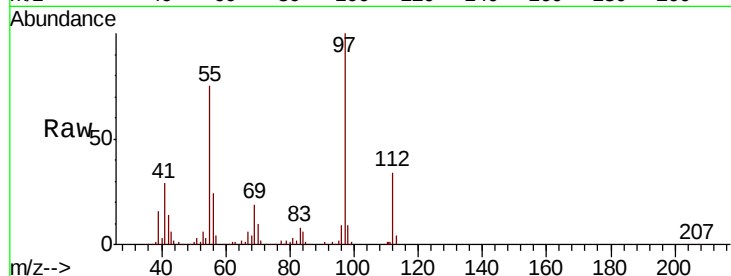




#55
 1,1,2-Trichloroethane
 Concen: 13.504 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.05 min
 Lab File: VX010703.D
 Acq: 08 Jul 2019 18:09

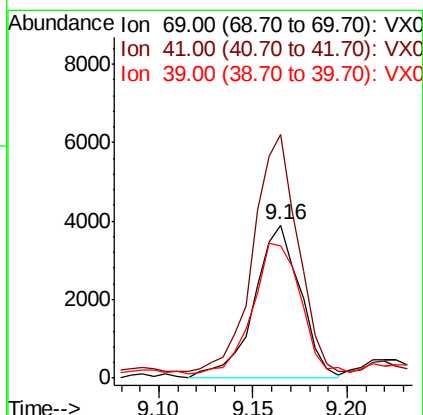
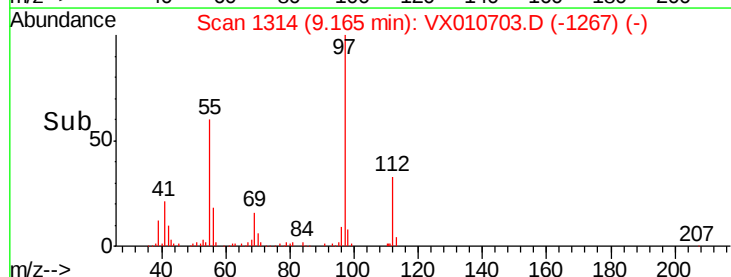
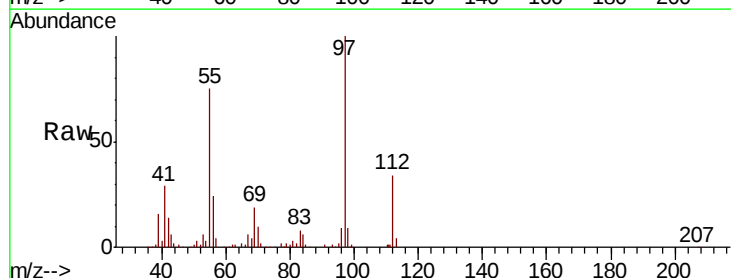
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0579

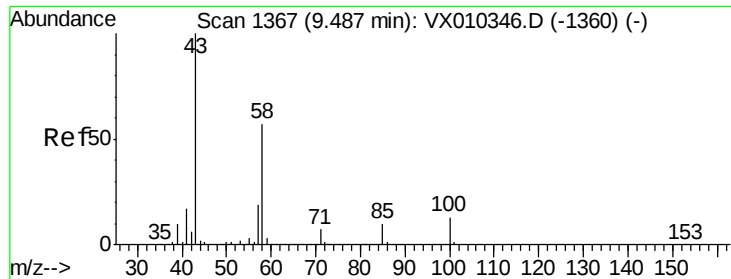
Tot Ion	Ratio	Lower	Upper
97	100		
83	7.5	67.4	101.0#
85	0.6	43.8	65.8#
99	0.8	50.3	75.5#



#56
 Ethyl methacrylate
 Concen: 1.828 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: VX010703.D
 Acq: 08 Jul 2019 18:09

Tgt Ion	Ratio	Lower	Upper
69	100		
41	148.1	47.1	70.7#
39	88.7	26.6	40.0#

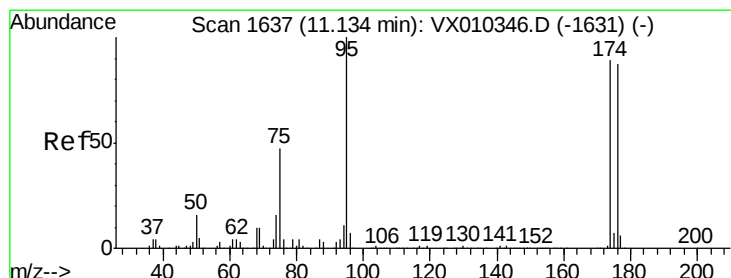
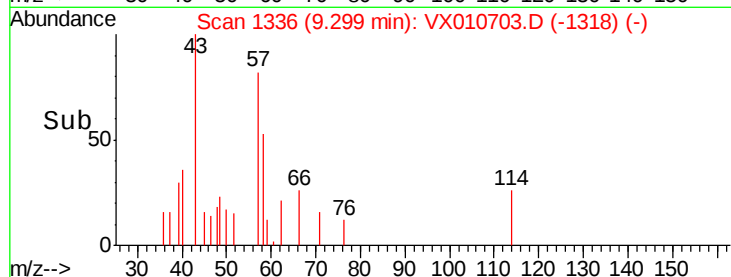
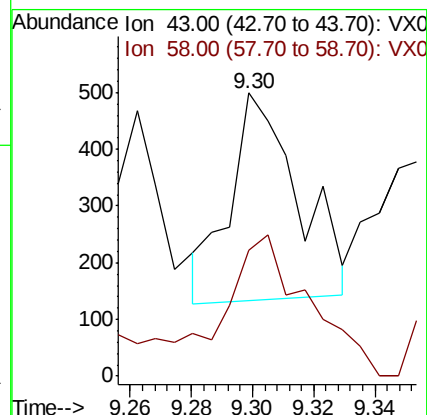
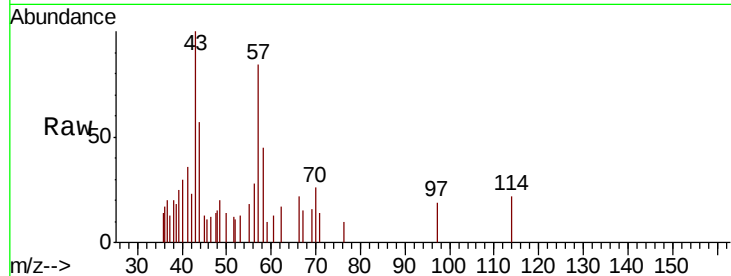




#59
2-Hexanone
Concen: 0.234 ug/l
RT: 9.30 min Scan# 1336
Delta R.T. -0.19 min
Lab File: VX010703.D
Acq: 08 Jul 2019 18:09

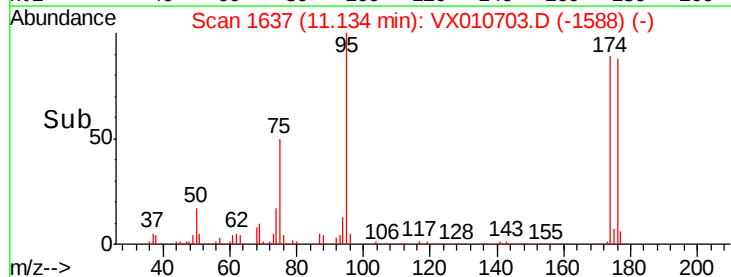
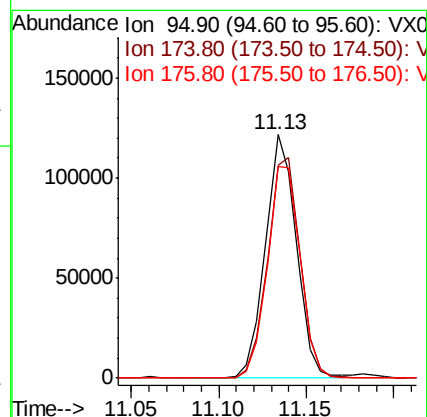
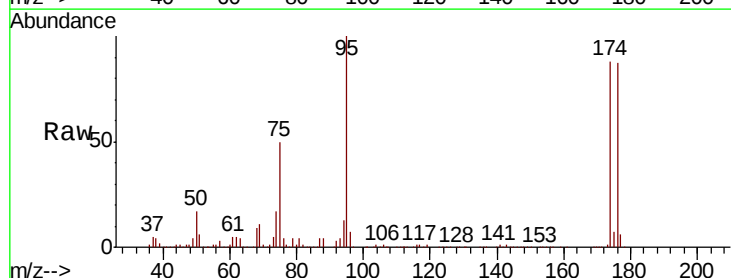
Instrument :
MSVOA_X
ClientSampleId :
FL-0579

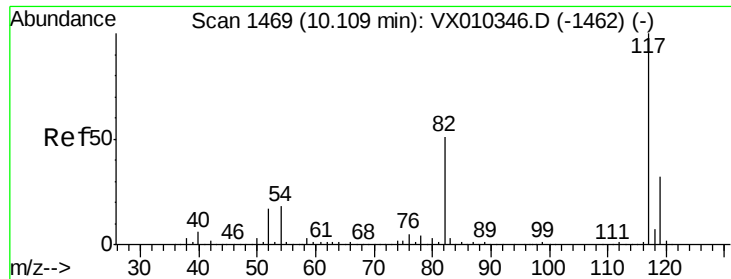
Tot Ion: 43 Resp: 564
Ion Ratio Lower Upper
43 100
58 82.3 29.0 87.1



#62
4-Bromofluorobenzene
Concen: 50.124 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010703.D
Acq: 08 Jul 2019 18:09

Tgt Ion: 95 Resp: 150252
Ion Ratio Lower Upper
95 100
174 95.1 0.0 187.6
176 92.1 0.0 184.0

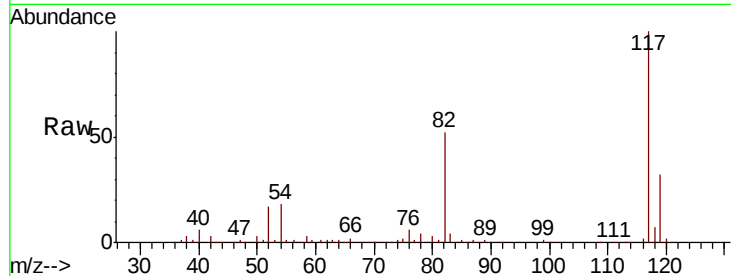




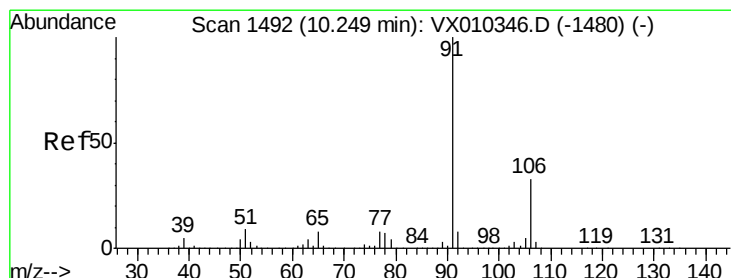
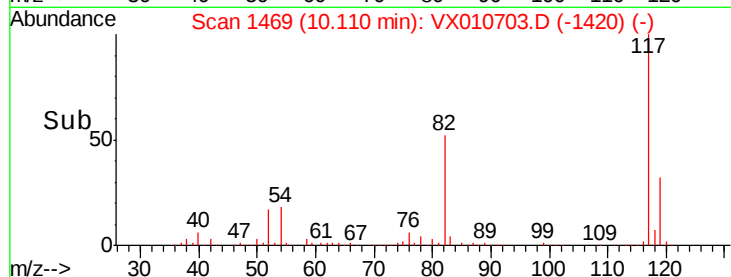
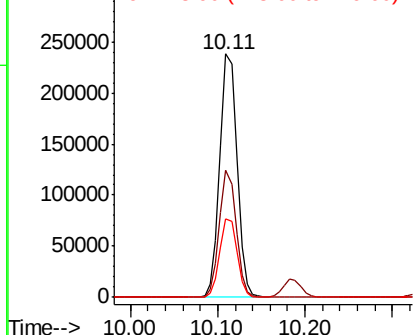
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010703.D
Acq: 08 Jul 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :
FL-0579

Tot Ion:117 Resp: 325347
Ion Ratio Lower Upper
117 100
82 52.2 41.2 61.8
119 32.1 25.5 38.3

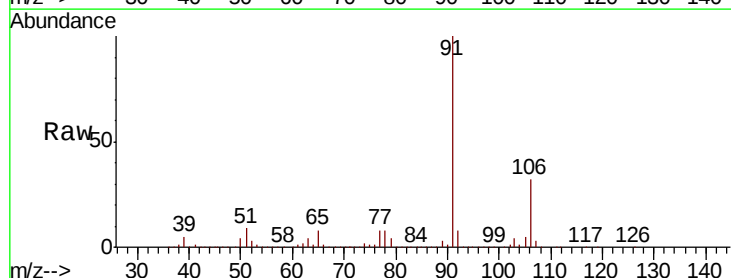


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

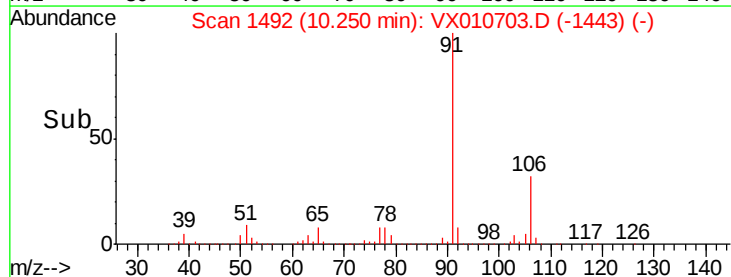
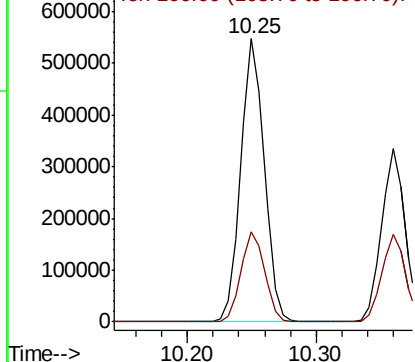


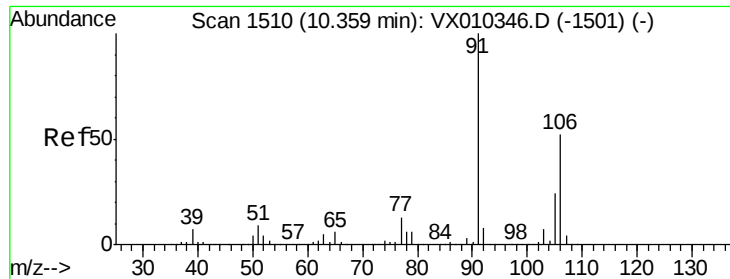
#67
Ethyl Benzene
Concen: 61.886 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010703.D
Acq: 08 Jul 2019 18:09

Tgt Ion: 91 Resp: 690087
Ion Ratio Lower Upper
91 100
106 31.7 26.2 39.2



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

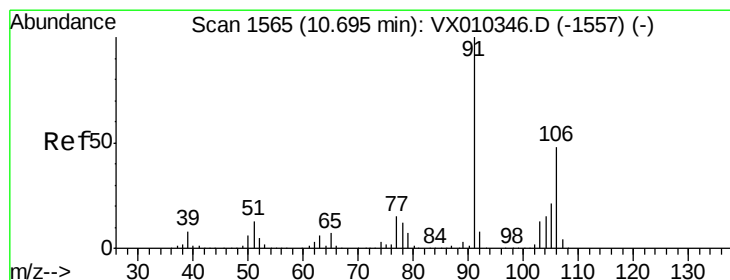
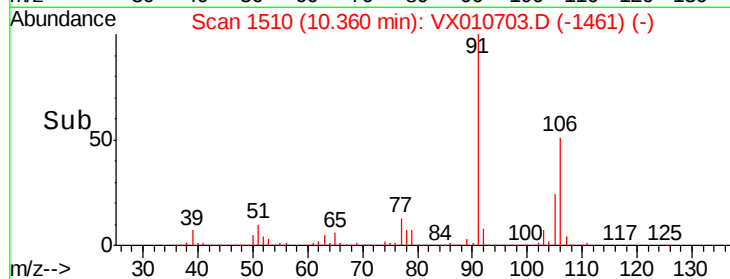
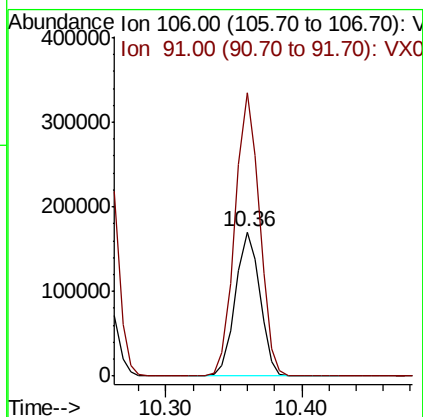
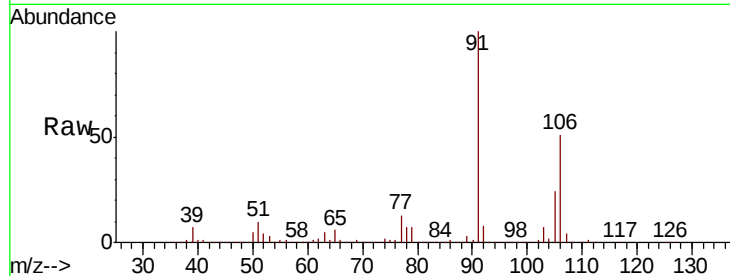




#68
m/p-Xylenes
Concen: 49.581 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010703.D
Acq: 08 Jul 2019 18:09

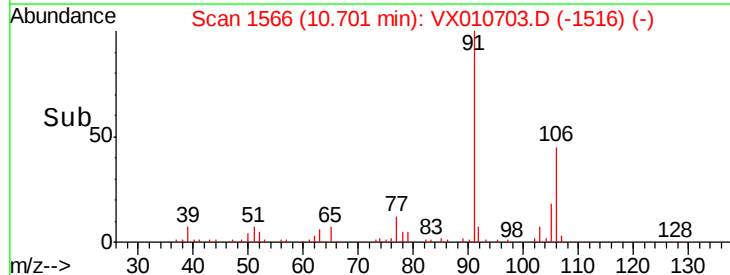
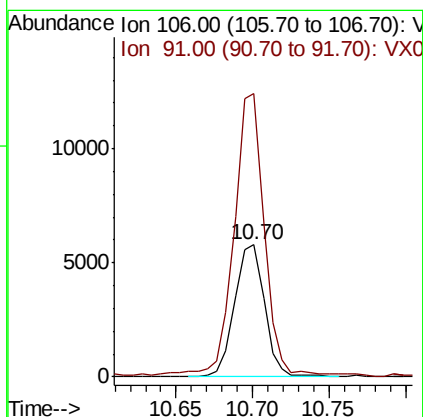
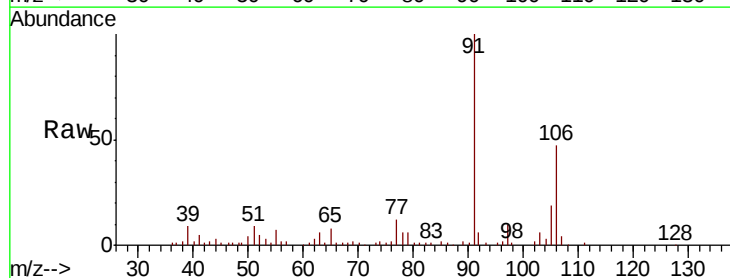
Instrument :
MSVOA_X
ClientSampled :
FL-0579

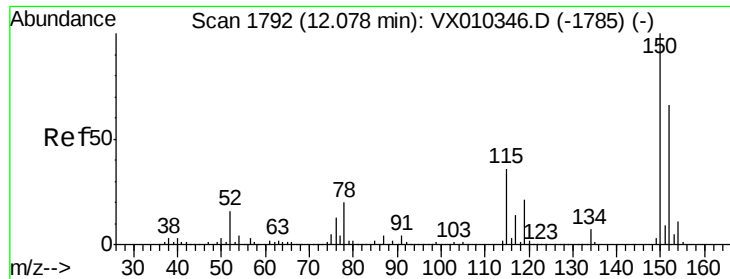
Tot Ion:106 Resp: 214226
Ion Ratio Lower Upper
106 100
91 196.1 155.3 232.9



#69
o-Xylene
Concen: 1.853 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX010703.D
Acq: 08 Jul 2019 18:09

Tgt Ion:106 Resp: 7875
Ion Ratio Lower Upper
106 100
91 214.8 102.7 308.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010703.D

Acq: 08 Jul 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

FL-0579

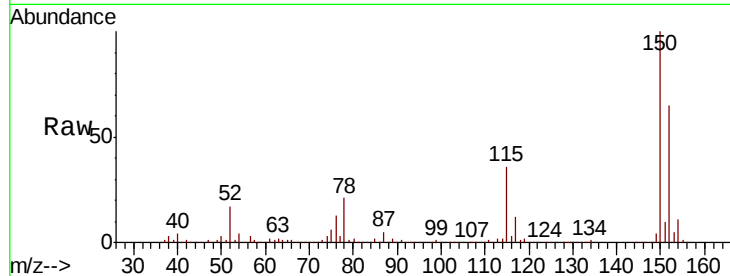
Tot Ion:152 Resp: 165869

Ion Ratio Lower Upper

152 100

115 58.0 38.6 115.7

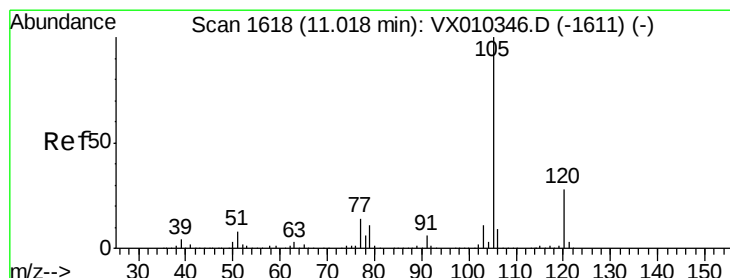
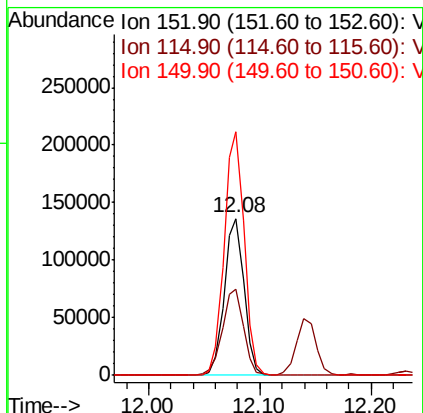
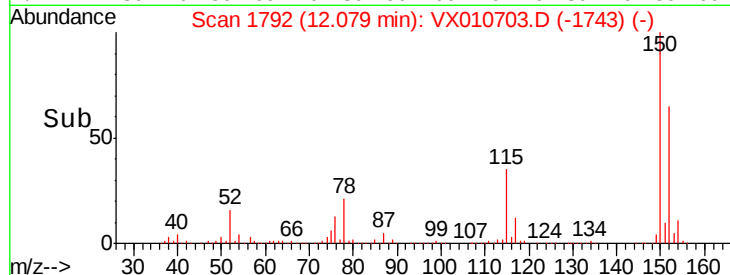
150 157.6 0.0 347.4



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: 41.866 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010703.D

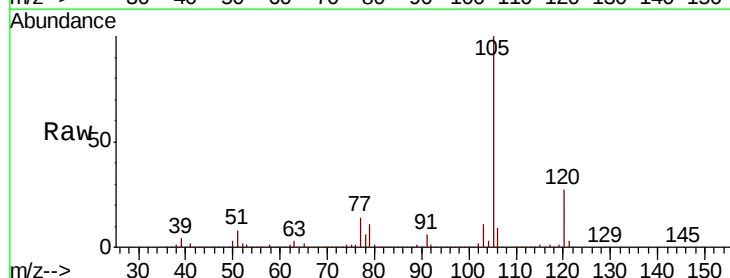
Acq: 08 Jul 2019 18:09

Tgt Ion:105 Resp: 470731

Ion Ratio Lower Upper

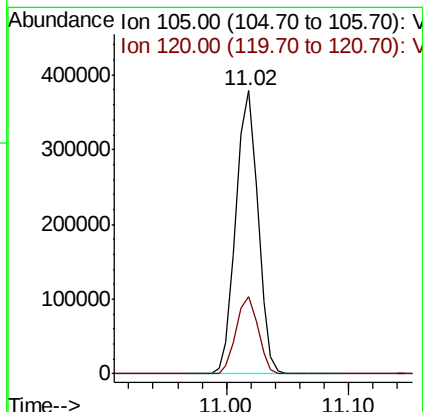
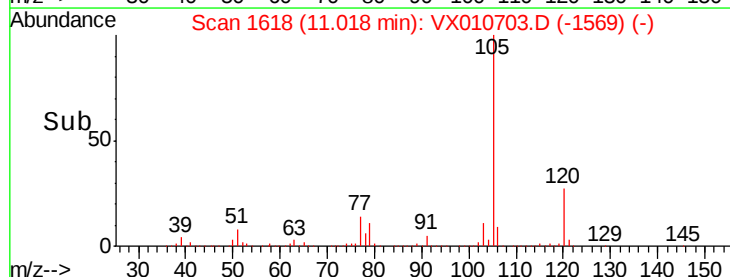
105 100

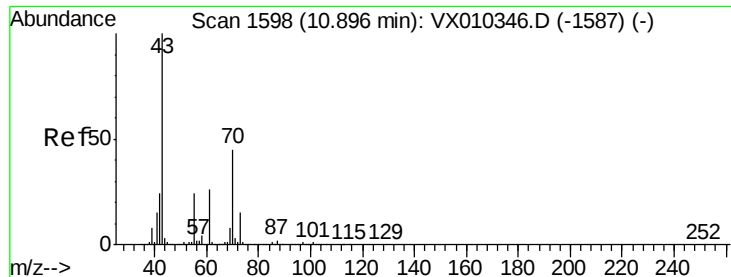
120 27.4 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.836 ug/l

RT: 10.94 min Scan# 1605

Delta R.T. 0.04 min

Lab File: VX010703.D

Acq: 08 Jul 2019 18:09

Instrument :

MSVOA_X

ClientSampled :

FL-0579

Tot Ion: 43 Resp: 3553

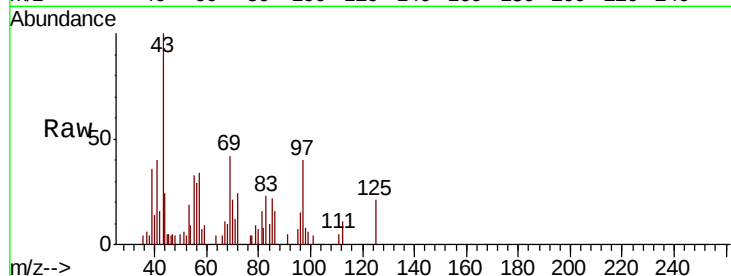
Ion Ratio Lower Upper

43 100

70 0.0 36.6 54.8#

55 0.0 18.7 28.1#

61 0.0 20.6 31.0#

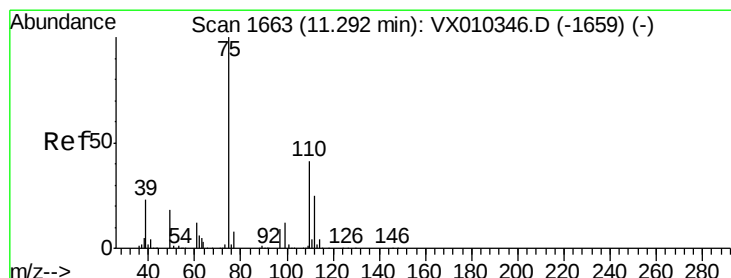
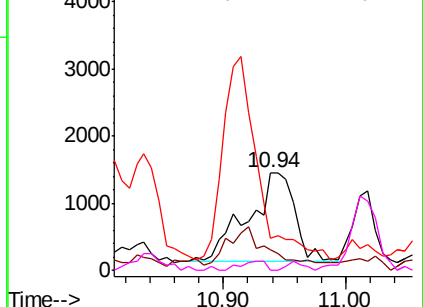
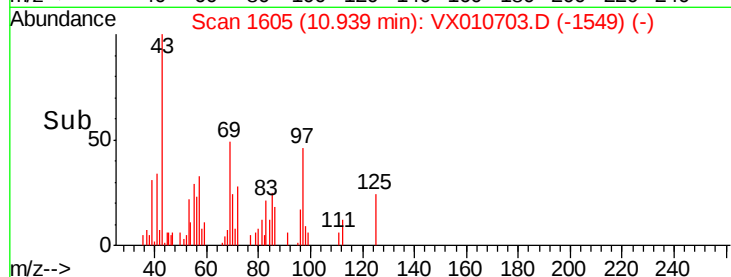


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#76

1,2,3-Trichloropropane

Concen: 1.723 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.07 min

Lab File: VX010703.D

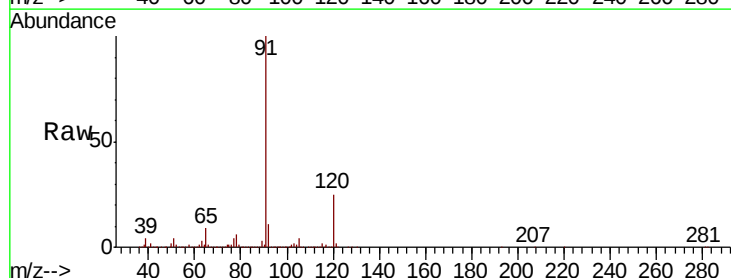
Acq: 08 Jul 2019 18:09

Tgt Ion: 75 Resp: 5207

Ion Ratio Lower Upper

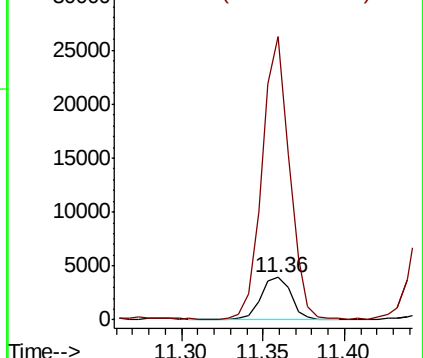
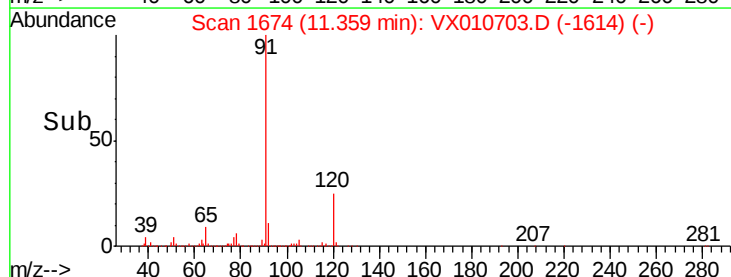
75 100

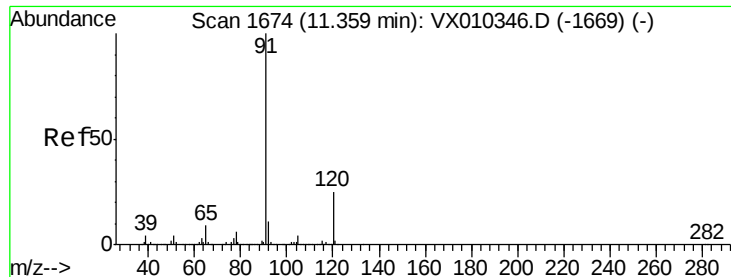
77 586.4 22.6 67.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 65.300 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010703.D

Acq: 08 Jul 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

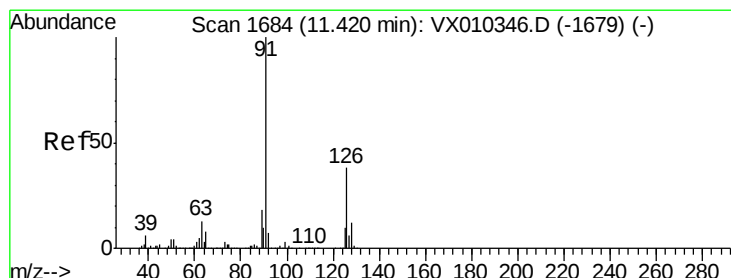
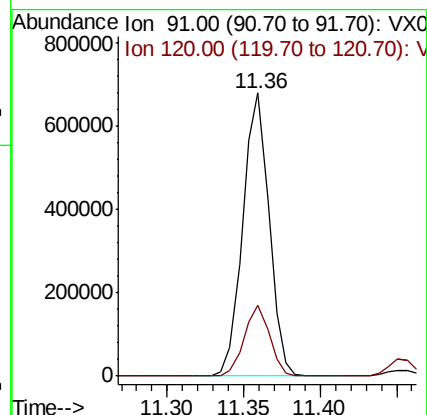
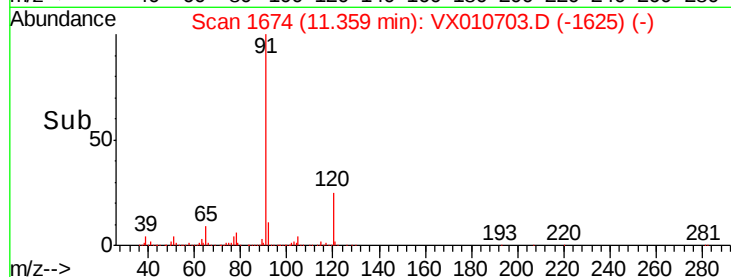
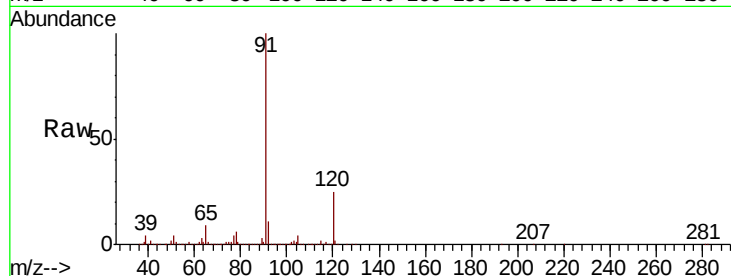
FL-0579

Tot Ion: 91 Resp: 806949

Ion Ratio Lower Upper

91 100

120 24.3 12.4 37.4



#79

2-Chlorotoluene

Concen: 109.661 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.06 min

Lab File: VX010703.D

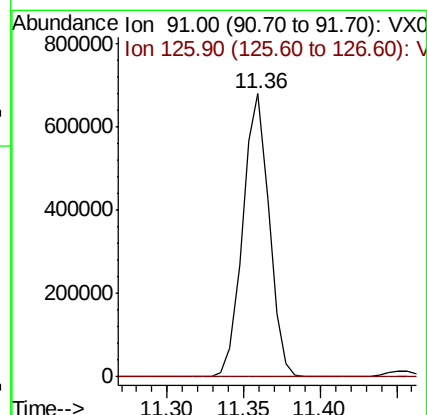
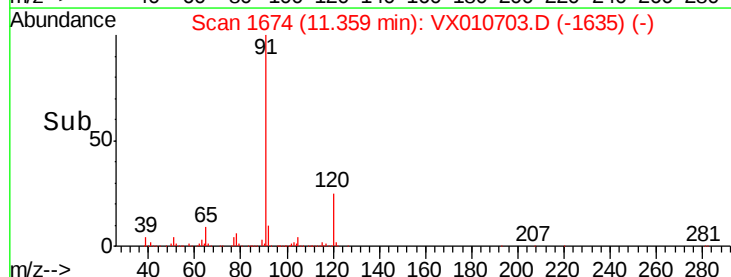
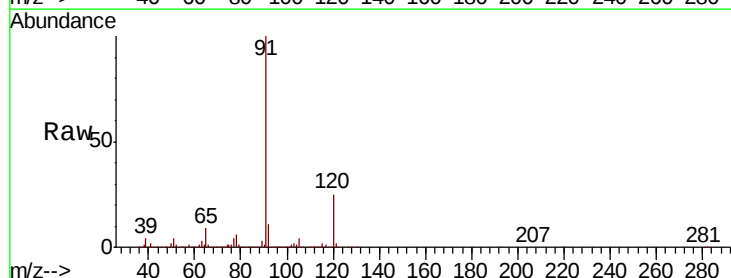
Acq: 08 Jul 2019 18:09

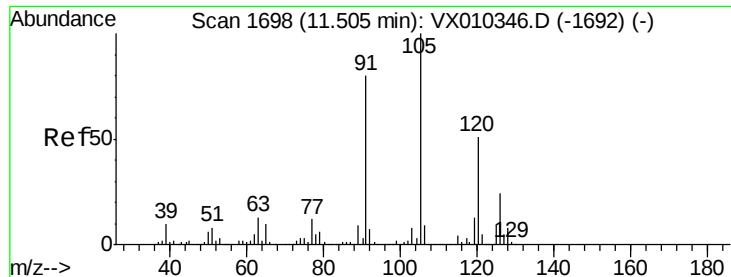
Tgt Ion: 91 Resp: 806949

Ion Ratio Lower Upper

91 100

126 0.0 18.7 56.1#





#80

1,3,5-Trimethylbenzene

Concen: 17.936 ug/l

RT: 11.45 min Scan# 1689

Delta R.T. -0.05 min

Lab File: VX010703.D

Acq: 08 Jul 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

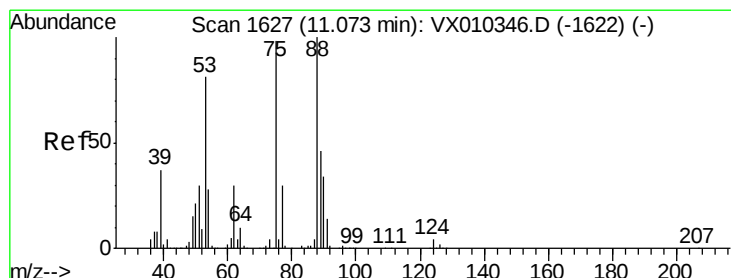
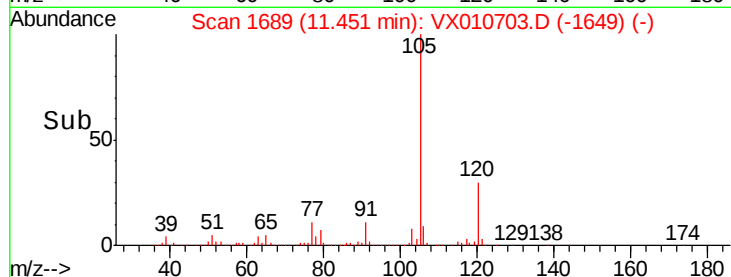
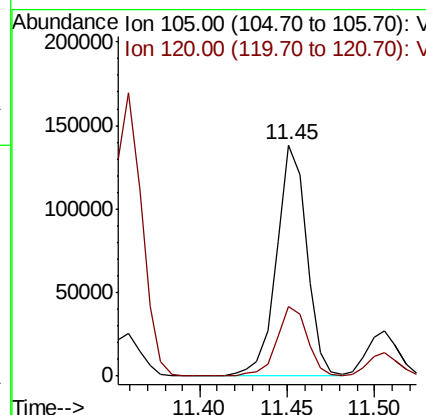
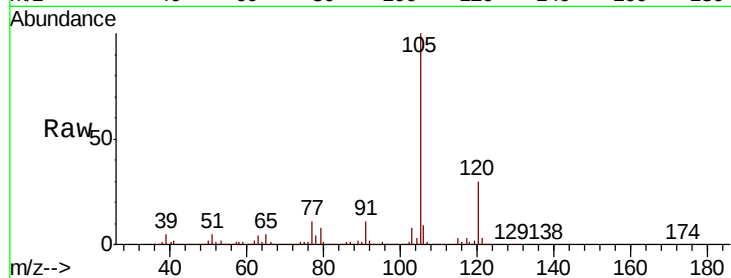
FL-0579

Tot Ion:105 Resp: 166249

Ion Ratio Lower Upper

105 100

120 30.2 25.2 75.6



#81

trans-1,4-Dichloro-2-butene

Concen: 4.354 ug/l

RT: 11.01 min Scan# 1617

Delta R.T. -0.06 min

Lab File: VX010703.D

Acq: 08 Jul 2019 18:09

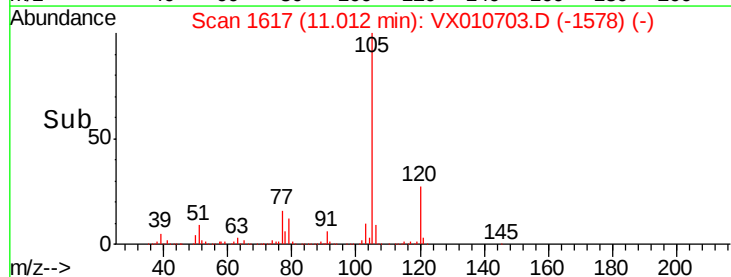
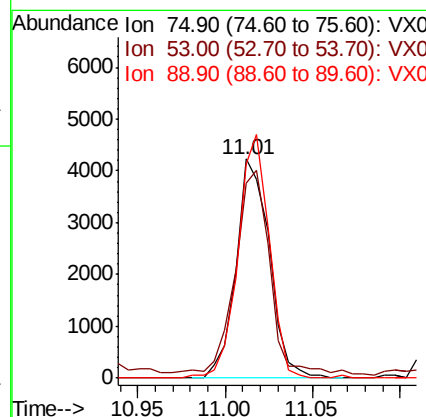
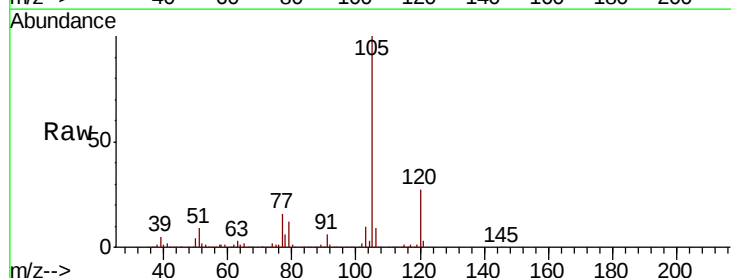
Tgt Ion: 75 Resp: 5641

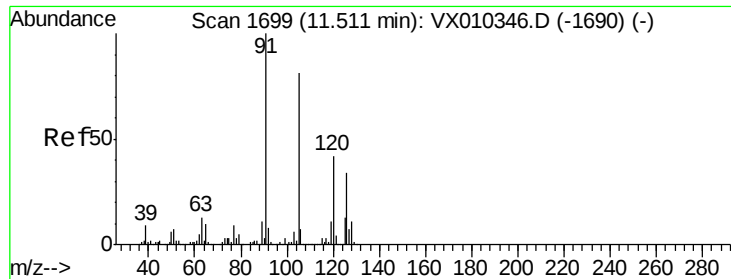
Ion Ratio Lower Upper

75 100

53 99.3 66.1 99.1#

89 103.3 37.8 56.6#





#82

4-Chlorotoluene

Concen: 96.372 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.15 min

Lab File: VX010703.D

Acq: 08 Jul 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

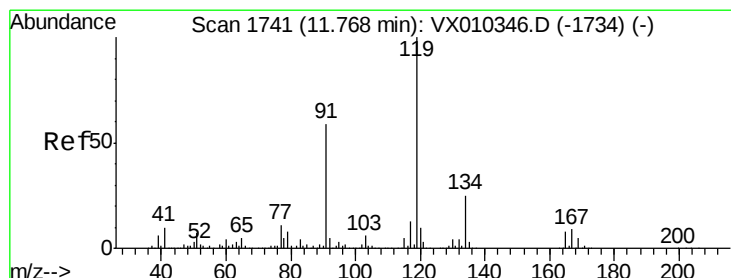
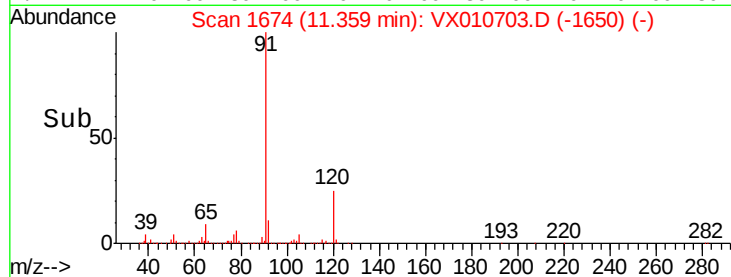
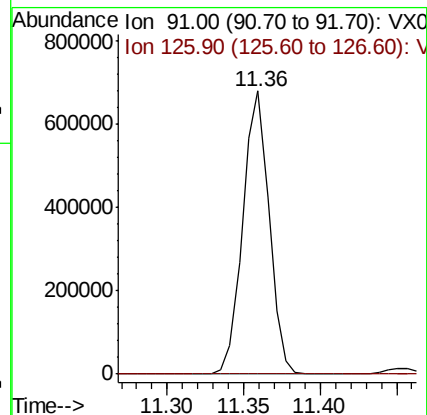
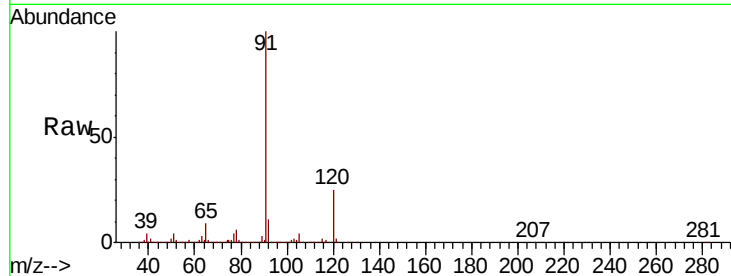
FL-0579

Tot Ion: 91 Resp: 806949

Ion Ratio Lower Upper

91 100

126 0.0 16.2 48.6#



#83

tert-Butylbenzene

Concen: 37.707 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.04 min

Lab File: VX010703.D

Acq: 08 Jul 2019 18:09

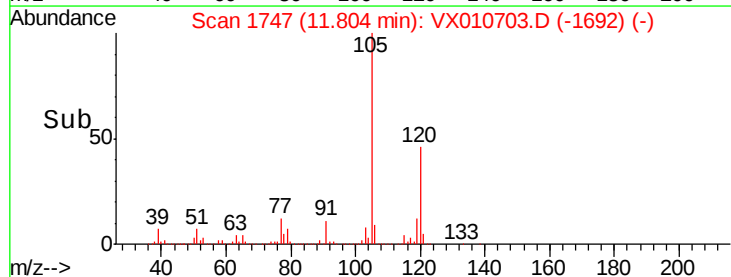
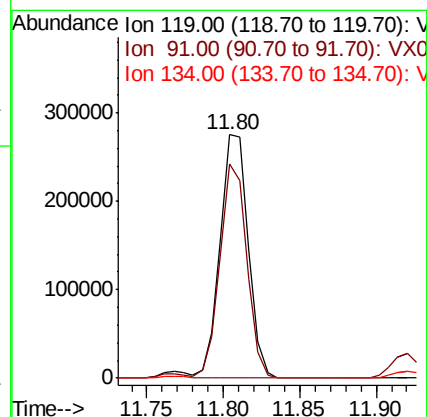
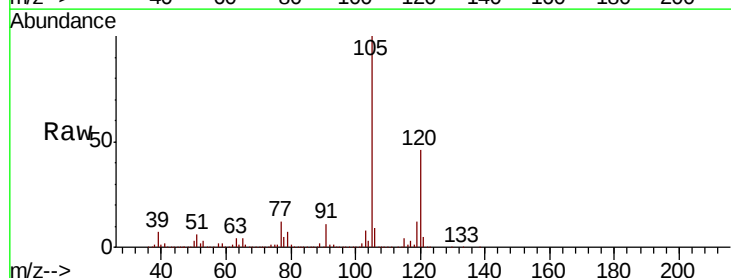
Tgt Ion: 119 Resp: 350803

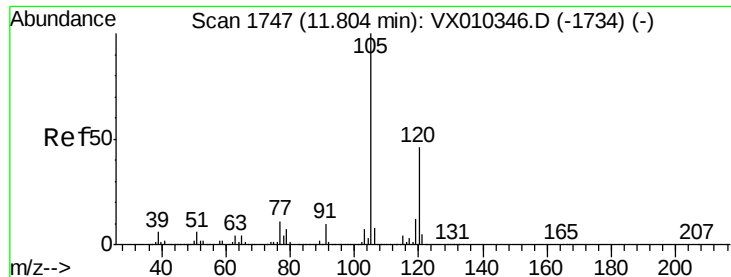
Ion Ratio Lower Upper

119 100

91 84.5 27.6 82.7#

134 0.0 11.8 35.4#

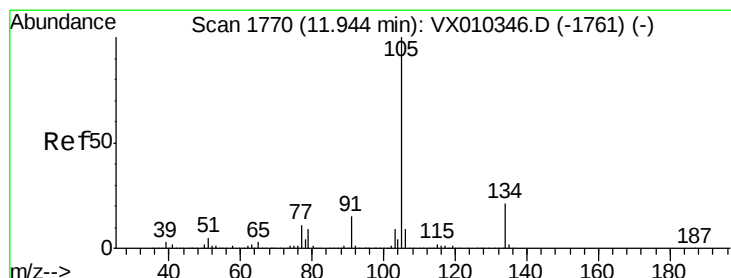
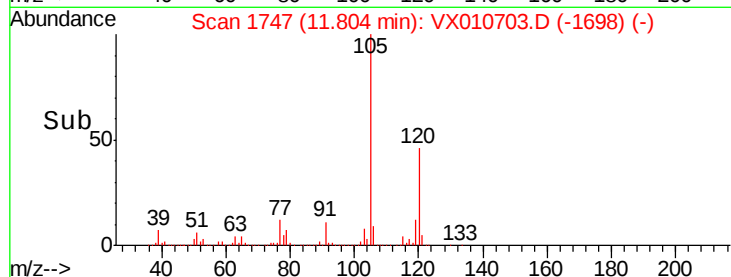
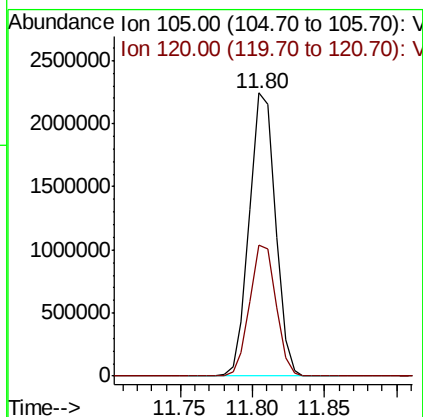
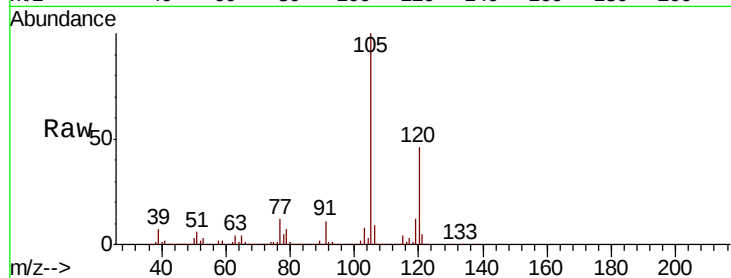




#84
 1,2,4-Trimethylbenzene
 Concen: 301.562 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010703.D
 Acq: 08 Jul 2019 18:09

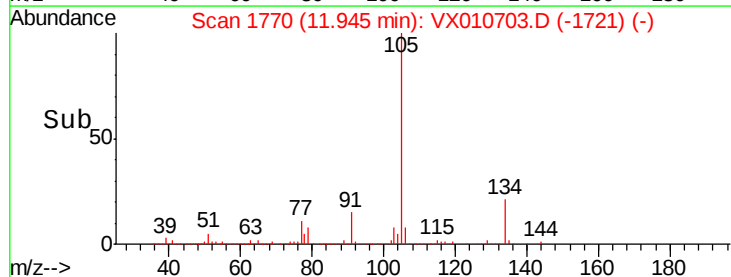
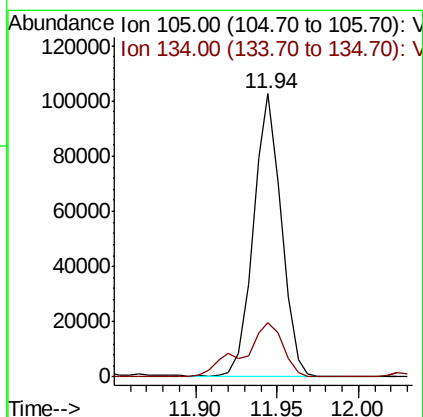
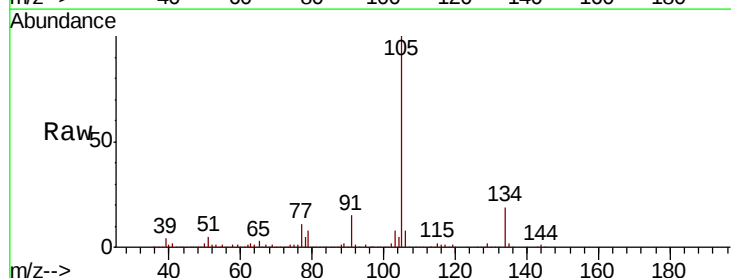
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0579

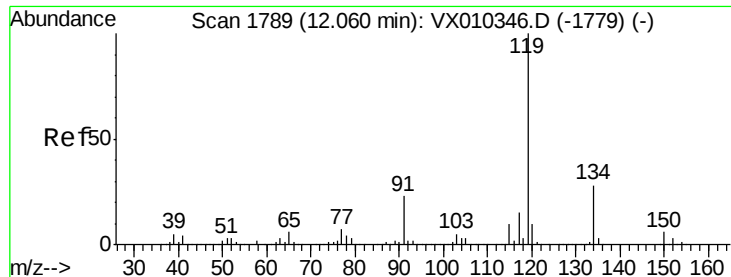
Tot Ion:105 Resp: 2808351
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.1 69.2



#85
 sec-Butylbenzene
 Concen: 11.134 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX010703.D
 Acq: 08 Jul 2019 18:09

Tgt Ion:105 Resp: 121621
 Ion Ratio Lower Upper
 105 100
 134 28.1 10.7 31.9

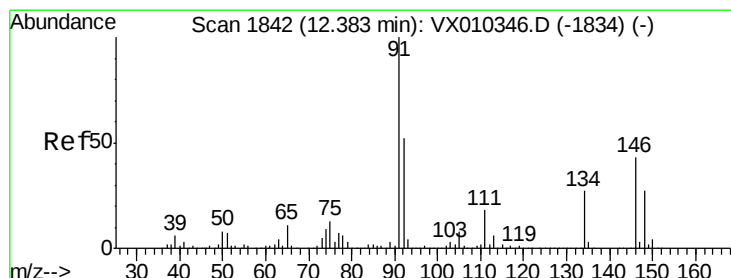
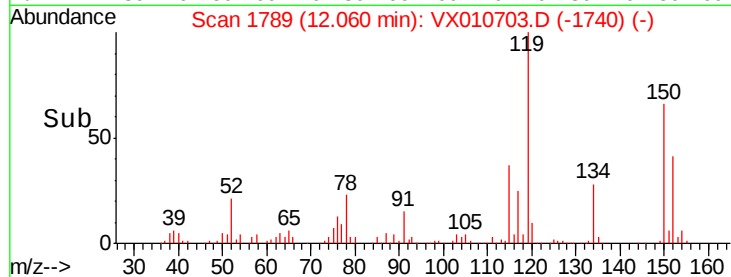
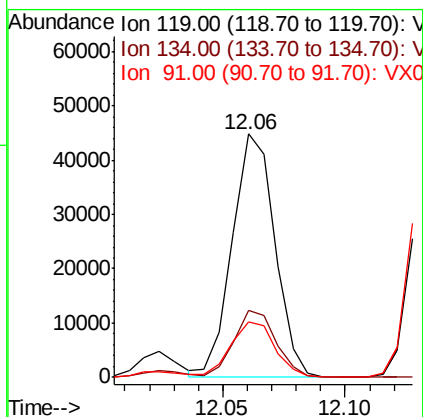
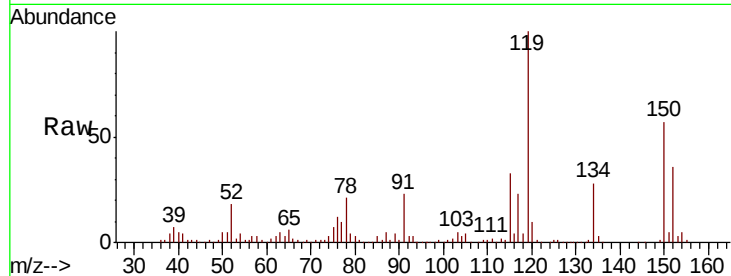




#86
p-Isopropyltoluene
Concen: 5.373 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX010703.D
Acq: 08 Jul 2019 18:09

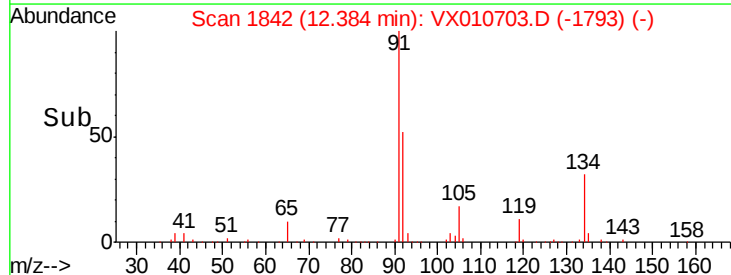
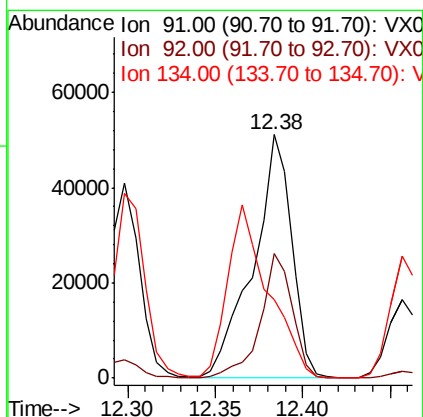
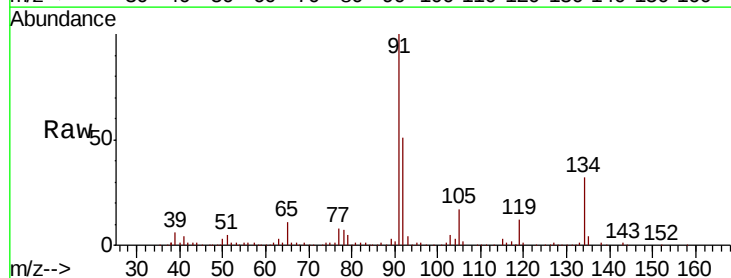
Instrument :
MSVOA_X
ClientSampled :
FL-0579

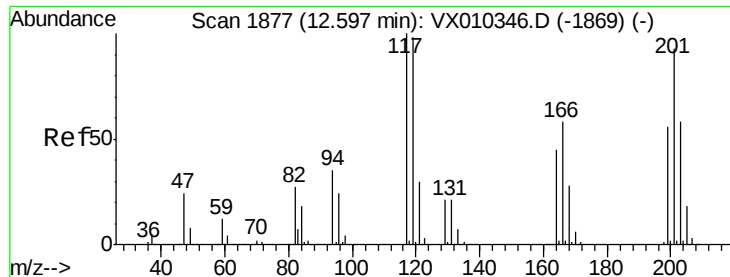
Tot Ion:119 Resp: 54285
Ion Ratio Lower Upper
119 100
134 27.1 13.7 41.1
91 23.6 11.3 33.8



#89
n-Butylbenzene
Concen: 9.094 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010703.D
Acq: 08 Jul 2019 18:09

Tgt Ion: 91 Resp: 78078
Ion Ratio Lower Upper
91 100
92 42.7 26.2 78.5
134 76.0 14.1 42.4#

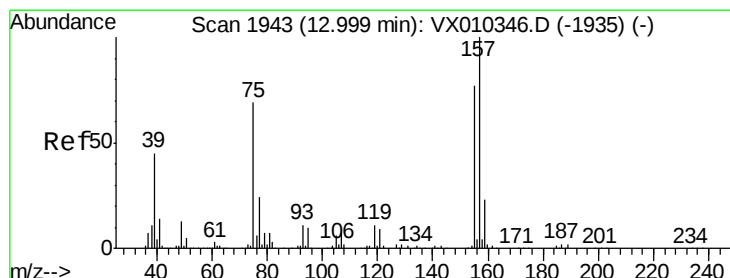
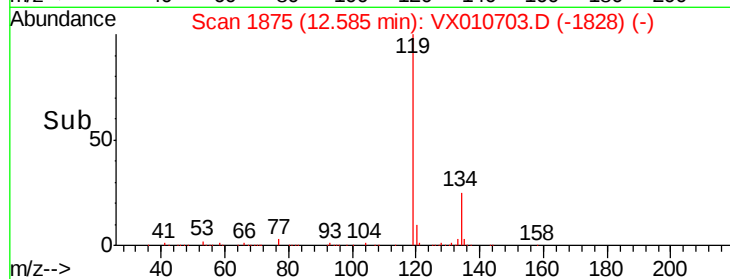
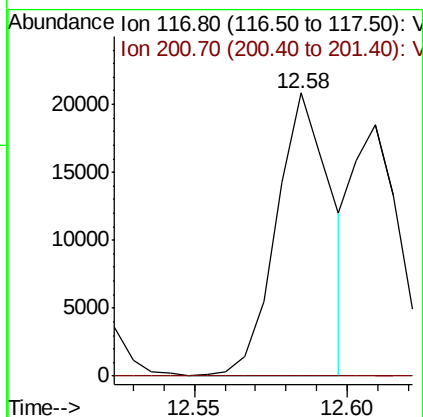
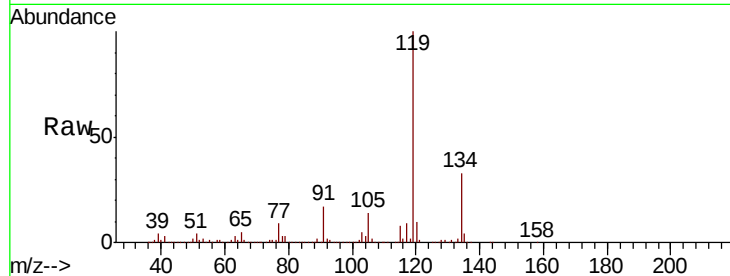




#90
Hexachloroethane
Concen: 14.726 ug/l
RT: 12.58 min Scan# 1875
Delta R.T. -0.01 min
Lab File: VX010703.D
Acq: 08 Jul 2019 18:09

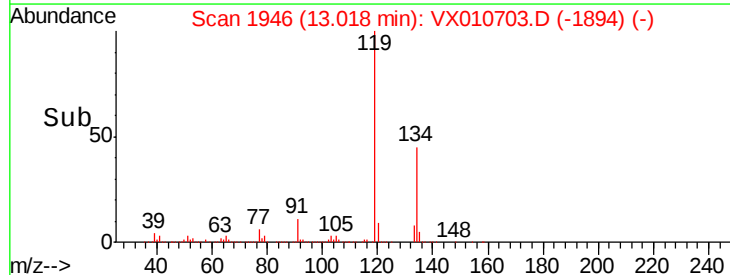
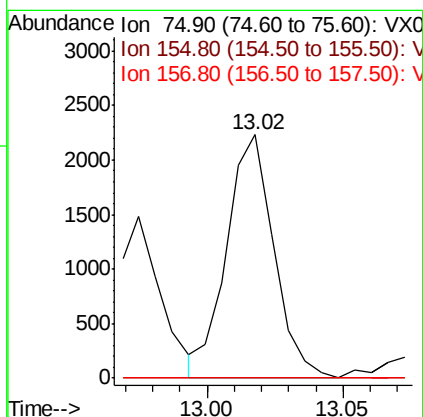
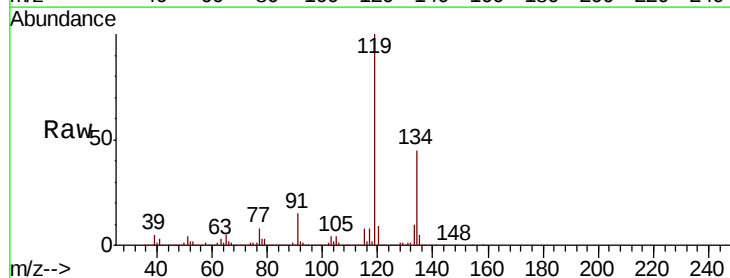
Instrument :
MSVOA_X
ClientSampleId :
FL-0579

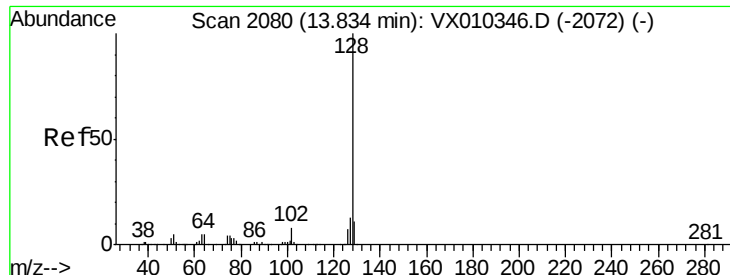
Tot Ion:117 Resp: 25728
Ion Ratio Lower Upper
117 100
201 0.0 44.0 131.8#



#92
1,2-Dibromo-3-Chloropropane
Concen: 3.343 ug/l
RT: 13.02 min Scan# 1946
Delta R.T. 0.02 min
Lab File: VX010703.D
Acq: 08 Jul 2019 18:09

Tgt Ion: 75 Resp: 2684
Ion Ratio Lower Upper
75 100
155 0.0 54.4 163.1#
157 0.0 69.5 208.3#

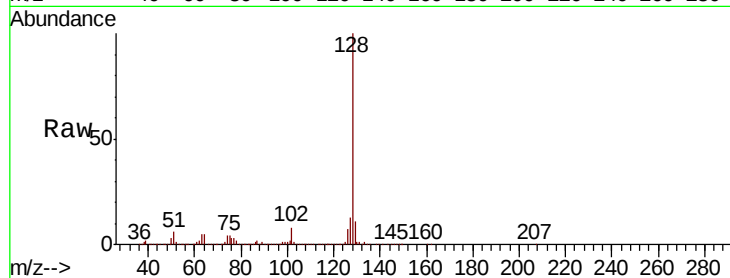




#95
Naphthalene
Concen: 31.525 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010703.D
Acq: 08 Jul 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :
FL-0579

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.2	15.4
129	11.6	8.9	13.3



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

