

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062719\
 Data File : VX010486.D
 Acq On : 27 Jun 2019 14:09
 Operator : JC/SP
 Sample : K3565-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 28 06:47:05 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	248652	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	387626	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	353202	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	176342	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	117821	50.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.08%	
35) Dibromofluoromethane	5.50	113	116085	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	
50) Toluene-d8	8.71	98	460736	50.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.56%	
62) 4-Bromofluorobenzene	11.13	95	159726	48.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.52%	

Target Compounds						Qvalue
3) Chloromethane	1.33	50	573	0.285	ug/l #	82
6) Chloroethane	1.68	64	994	0.764	ug/l #	41
8) Diethyl Ether	2.18	74	255	0.203	ug/l	83
11) Tert butyl alcohol	3.03	59	1926	3.157	ug/l #	74
13) Acrolein	2.40	56	18244	45.082	ug/l #	75
14) Allyl chloride	2.84	41	43442	14.197	ug/l #	60
15) Acrylonitrile	3.17	53	12333	10.211	ug/l #	38
16) Acetone	2.39	43	46693	39.963	ug/l #	47
18) Methyl Acetate	2.85	43	99703	42.815	ug/l #	48
20) Methylene Chloride	2.85	84	686	0.285	ug/l #	1
25) 2-Butanone	4.55	43	3180	1.855	ug/l #	46
26) 2,2-Dichloropropane	4.42	77	4904	1.527	ug/l #	49
31) Cyclohexane	5.58	56	289923	86.094	ug/l	97
36) 1,1-Dichloropropene	5.67	75	15970	5.185	ug/l #	47
38) Carbon Tetrachloride	5.66	117	22702	6.806	ug/l #	15
39) Methylcyclohexane	7.46	83	240427	59.380	ug/l	99
40) Benzene	6.15	78	1833133	191.020	ug/l	100
42) 1,2-Dichloroethane	6.14	62	14925	5.109	ug/l #	71
43) Isopropyl Acetate	6.45	43	3905	0.745	ug/l #	61
48) Methyl methacrylate	7.73	41	10761	4.416	ug/l #	50
49) 1,4-Dioxane	7.71	88	44	0.627	ug/l #	85
52) Toluene	8.79	92	10235	1.620	ug/l	98
55) 1,1,2-Trichloroethane	9.16	97	8429	3.234	ug/l #	20
56) Ethyl methacrylate	9.16	69	2204	0.558	ug/l #	25
59) 2-Hexanone	9.51	43	857	0.325	ug/l	66
67) Ethyl Benzene	10.25	91	2452479	202.589	ug/l	99
68) m/p-Xylenes	10.36	106	2659941	567.073	ug/l	99
69) o-Xylene	10.70	106	26271	5.695	ug/l	98
70) Styrene	10.70	104	1629	0.211	ug/l #	1
73) Isopropylbenzene	11.02	105	230327	19.268	ug/l	99
76) 1,2,3-Trichloropropane	11.43	75	8155	2.538	ug/l #	1
78) n-propylbenzene	11.36	91	283451	21.575	ug/l	99
79) 2-Chlorotoluene	11.43	91	120397	15.390	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.51	105	404577	41.055	ug/l	100

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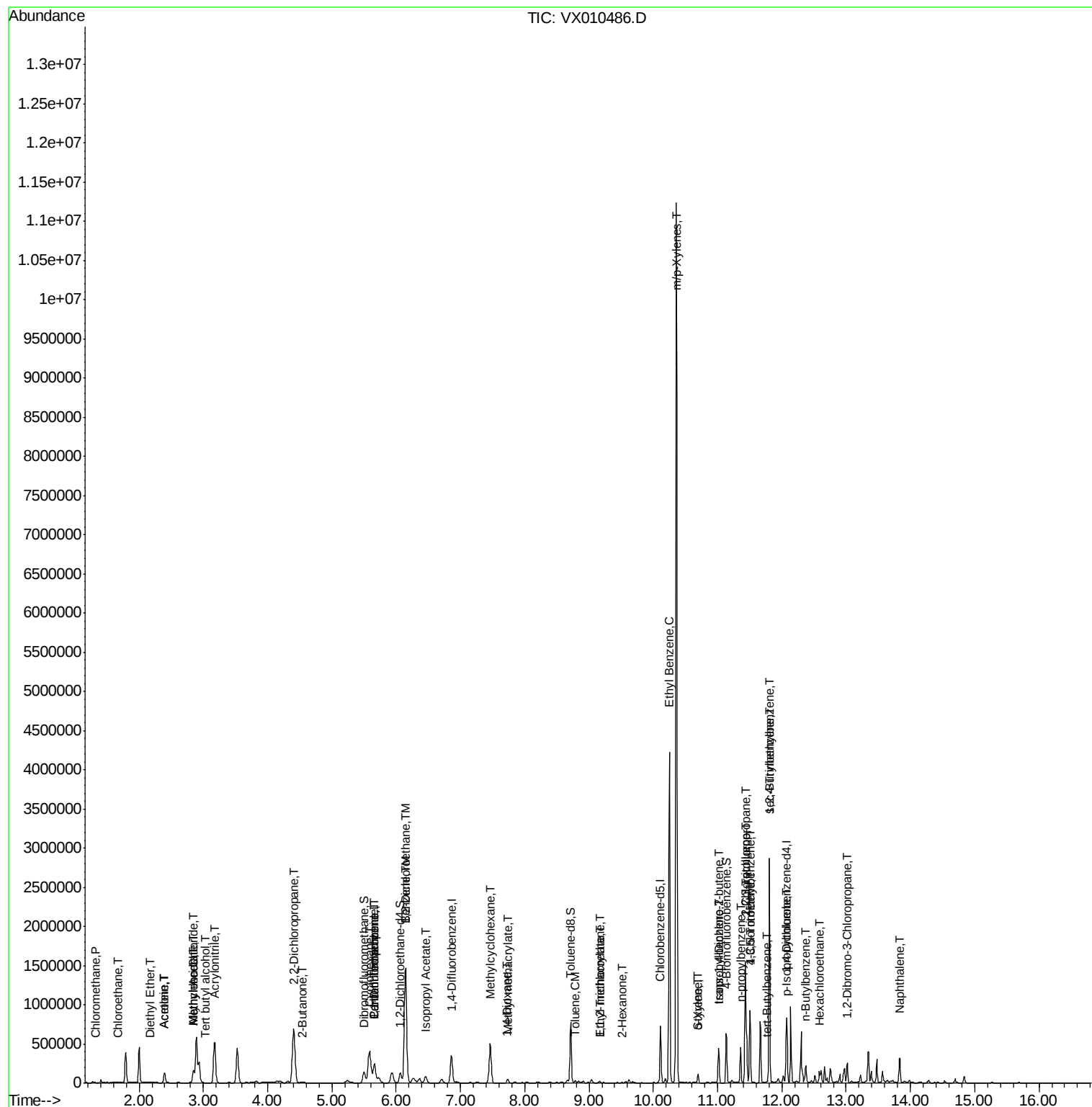
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-buten	11.02	75	2709	1.967	ug/l #	52
82) 4-Chlorotoluene	11.51	91	41316	4.641	ug/l #	42
83) tert-Butylbenzene	11.77	119	6514	0.659	ug/l	88
84) 1,2,4-Trimethylbenzene	11.80	105	1232303	124.467	ug/l	99
85) sec-Butylbenzene	11.80	105	1232303	106.113	ug/l #	55
86) p-Isopropyltoluene	12.06	119	62107	5.782	ug/l	99
89) n-Butylbenzene	12.38	91	31537	3.455	ug/l #	25
90) Hexachloroethane	12.58	117	6853	3.690	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	13.02	75	839	0.983	ug/l #	1
95) Naphthalene	13.83	128	209358	16.965	ug/l	99

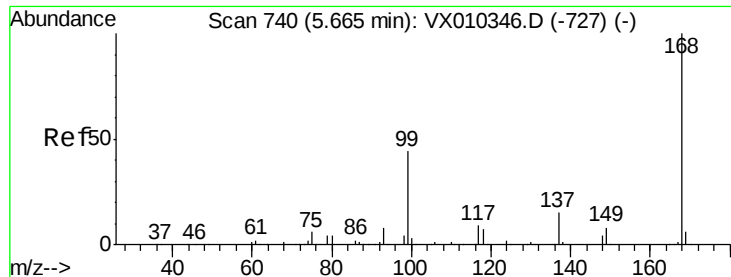
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX010486.D

Acq: 27 Jun 2019 14:09

Instrument :

MSVOA_X

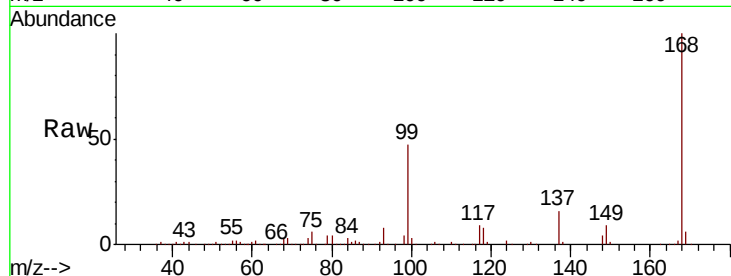
ClientSampleId :

Tot Ion:168 Resp: 248652

Ion Ratio Lower Upper

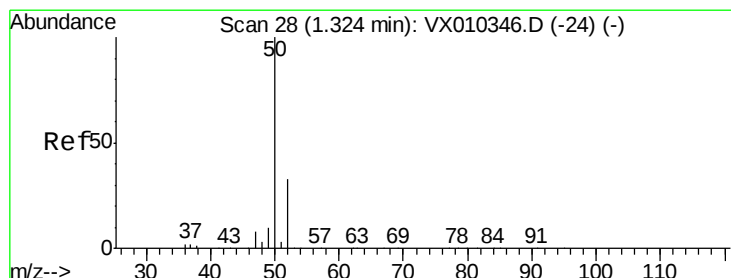
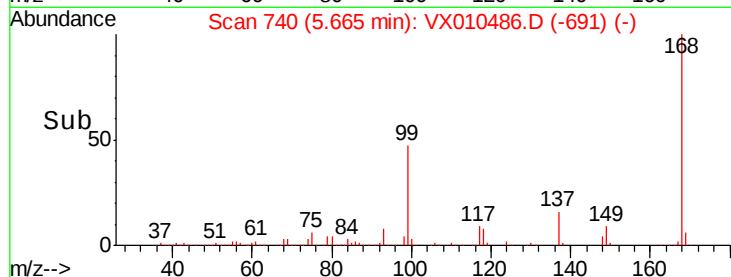
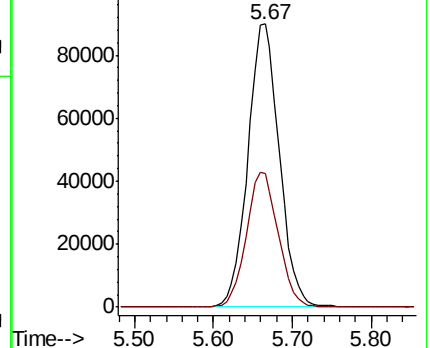
168 100

99 47.1 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: 0.285 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010486.D

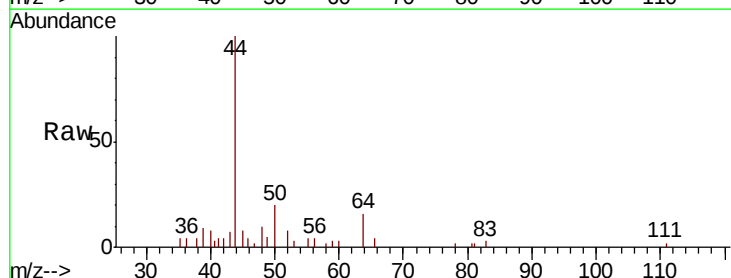
Acq: 27 Jun 2019 14:09

Tgt Ion: 50 Resp: 573

Ion Ratio Lower Upper

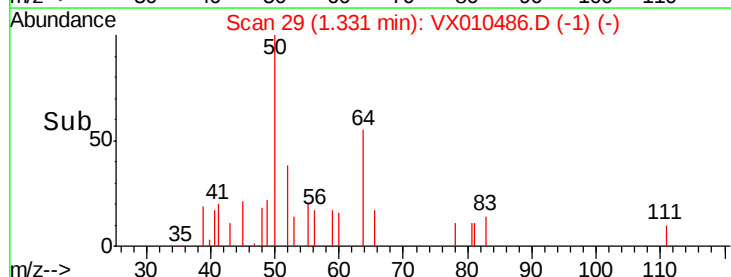
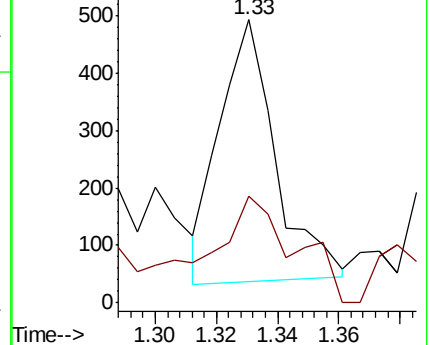
50 100

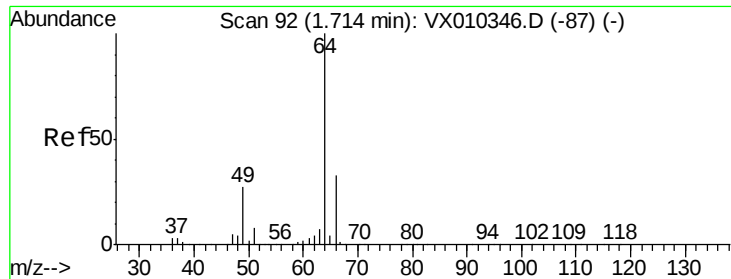
52 43.1 26.5 39.7#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#6

Chloroethane

Concen: 0.764 ug/l

RT: 1.68 min Scan# 86

Delta R.T. -0.04 min

Lab File: VX010486.D

Acq: 27 Jun 2019 14:09

Instrument :

MSVOA_X

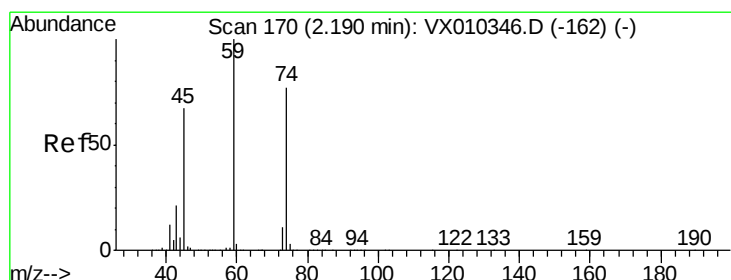
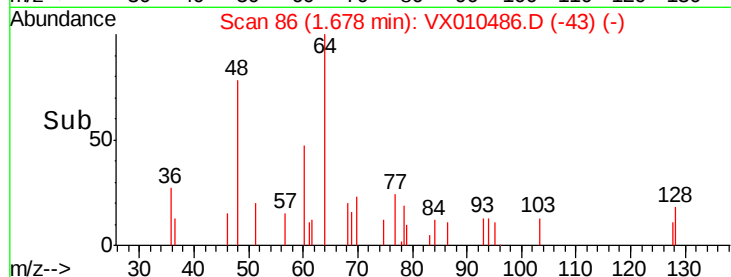
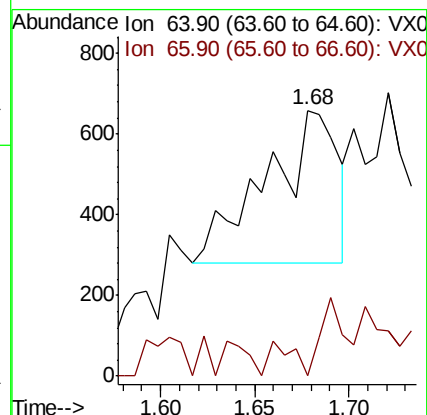
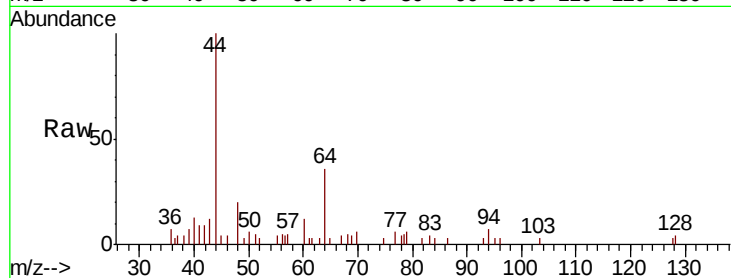
ClientSampled :

Tot Ion: 64 Resp: 994

Ion Ratio Lower Upper

64 100

66 0.0 26.6 40.0#



#8

Diethyl Ether

Concen: 0.203 ug/l

RT: 2.18 min Scan# 169

Delta R.T. -0.01 min

Lab File: VX010486.D

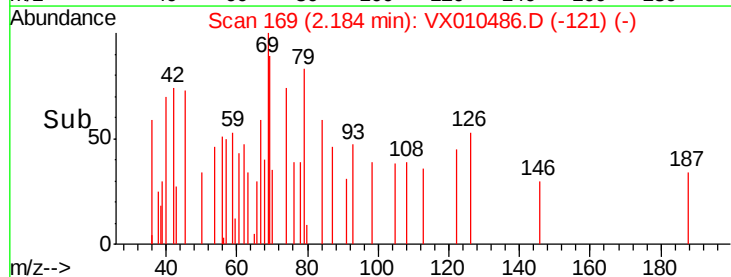
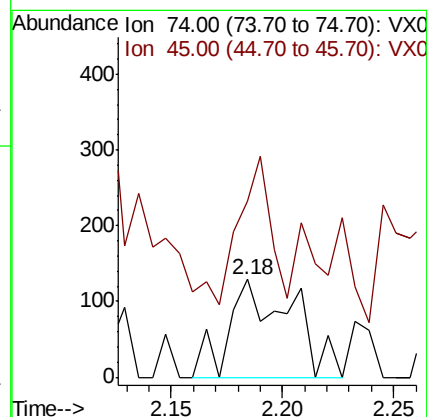
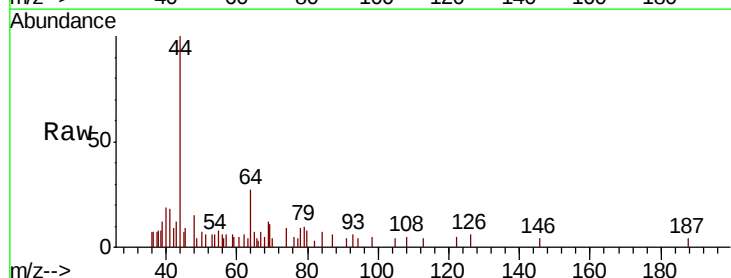
Acq: 27 Jun 2019 14:09

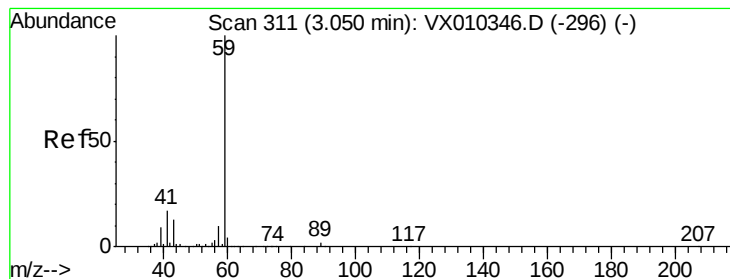
Tgt Ion: 74 Resp: 255

Ion Ratio Lower Upper

74 100

45 73.3 44.8 134.4



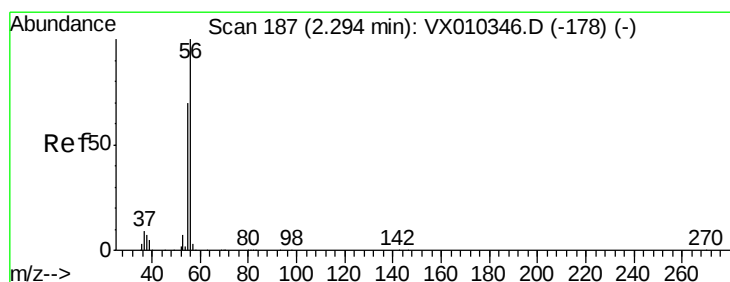
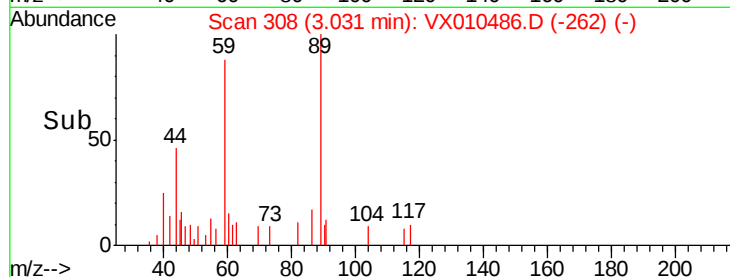
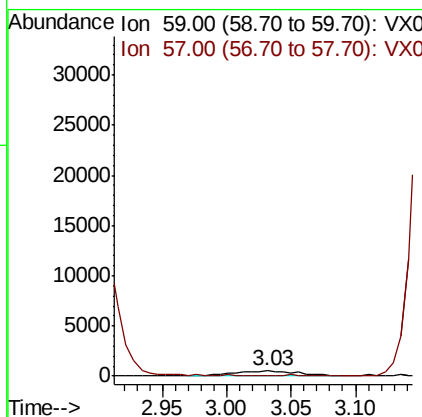
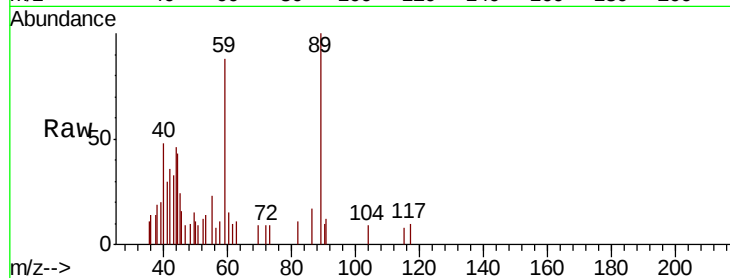


#11

Tert butyl alcohol
 Concen: 3.157 ug/l
 RT: 3.03 min Scan# 308
 Delta R.T. -0.02 min
 Lab File: VX010486.D
 Acq: 27 Jun 2019 14:09

Instrument :
 MSVOA_X
 ClientSampled :

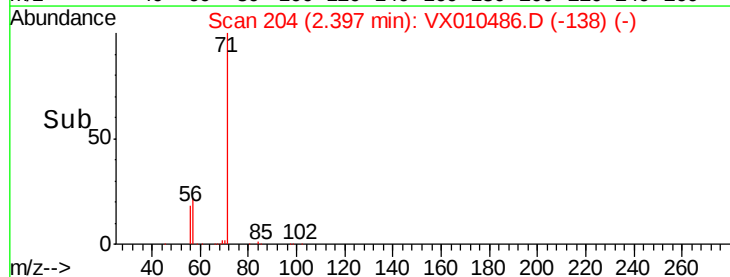
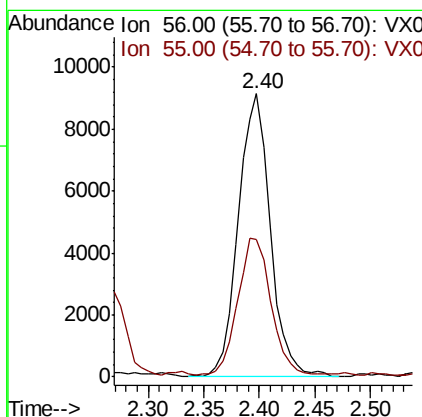
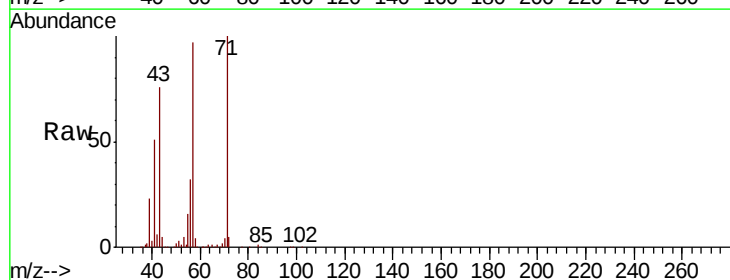
Tot Ion: 59 Resp: 1926
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.7 11.5#

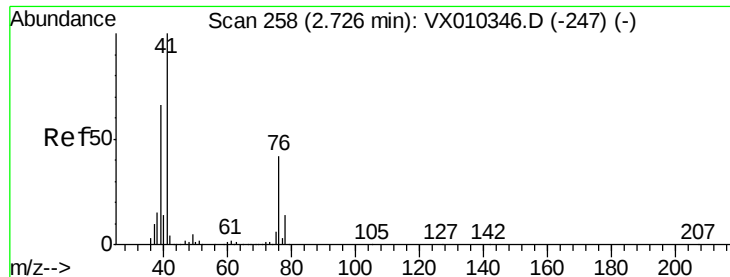


#13

Acrolein
 Concen: 45.082 ug/l
 RT: 2.40 min Scan# 204
 Delta R.T. 0.10 min
 Lab File: VX010486.D
 Acq: 27 Jun 2019 14:09

Tgt Ion: 56 Resp: 18244
 Ion Ratio Lower Upper
 56 100
 55 50.3 56.9 85.3#

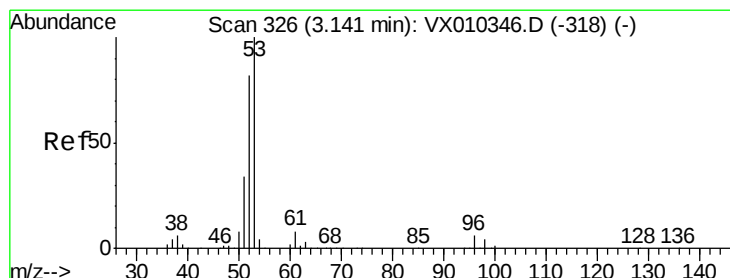
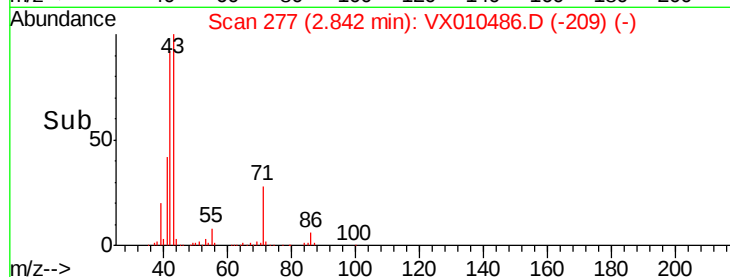
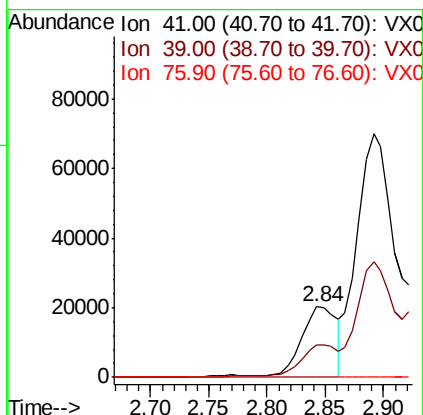
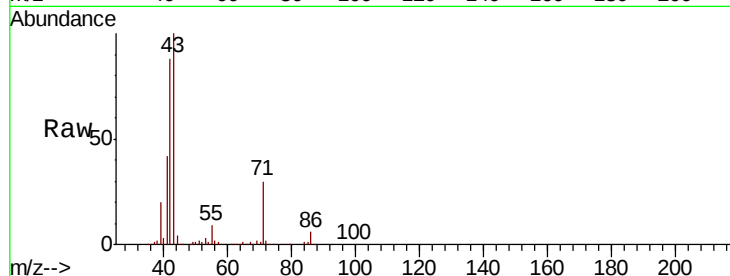




#14
Allvl chloride
Concen: 14.197 ug/l
RT: 2.84 min Scan# 277
Delta R.T. 0.12 min
Lab File: VX010486.D
Acq: 27 Jun 2019 14:09

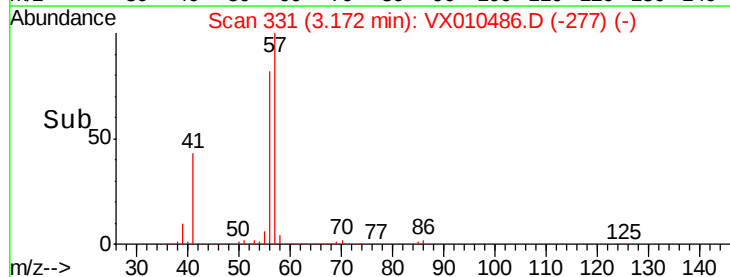
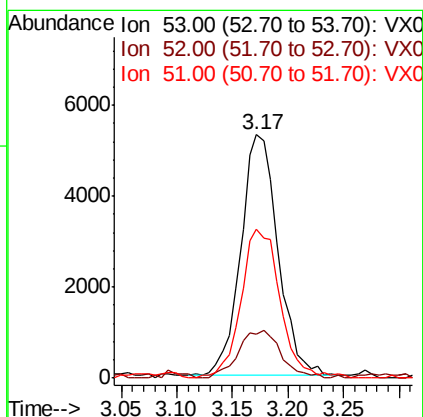
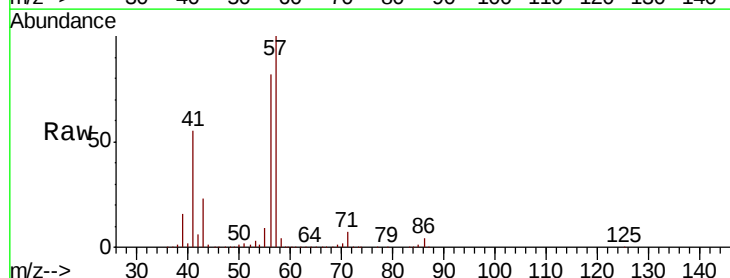
Instrument :
MSVOA_X
ClientSampleId :

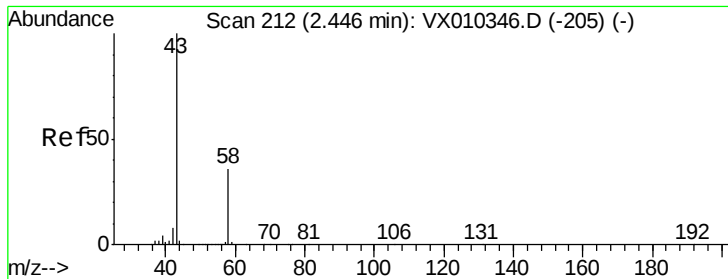
Tot Ion: 41 Resp: 43442
Ion Ratio Lower Upper
41 100
39 43.4 50.3 75.5#
76 0.1 31.3 46.9#



#15
Acrylonitrile
Concen: 10.211 ug/l
RT: 3.17 min Scan# 331
Delta R.T. 0.03 min
Lab File: VX010486.D
Acq: 27 Jun 2019 14:09

Tgt Ion: 53 Resp: 12333
Ion Ratio Lower Upper
53 100
52 22.8 65.5 98.3#
51 65.2 28.2 42.4#





#16

Acetone

Concen: 39.963 ug/l

RT: 2.39 min Scan# 203

Delta R.T. -0.05 min

Lab File: VX010486.D

Acq: 27 Jun 2019 14:09

Instrument :

MSVOA_X

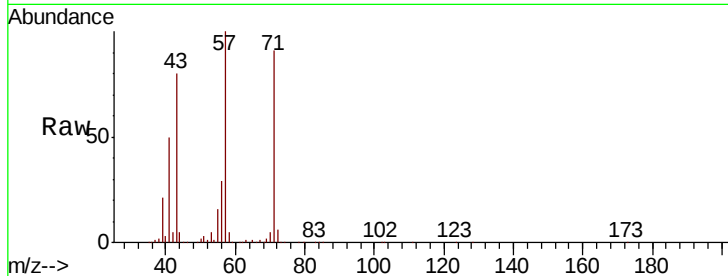
ClientSampled :

Tot Ion: 43 Resp: 46693

Ion Ratio Lower Upper

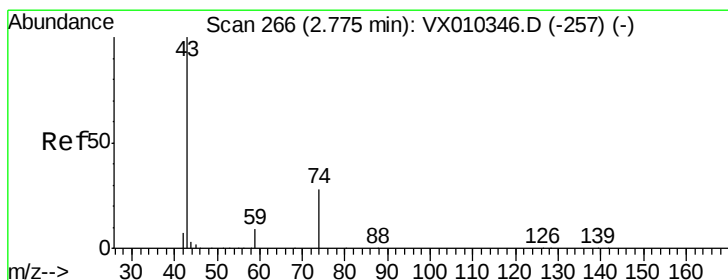
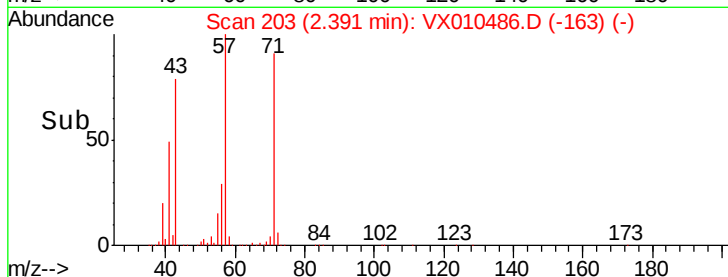
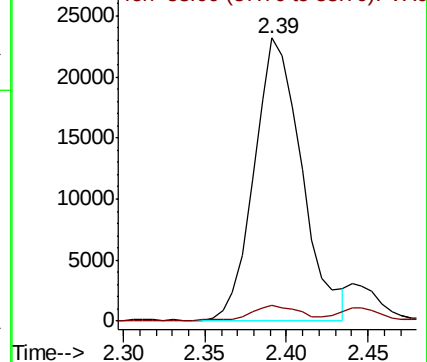
43 100

58 5.2 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: 42.815 ug/l

RT: 2.85 min Scan# 278

Delta R.T. 0.07 min

Lab File: VX010486.D

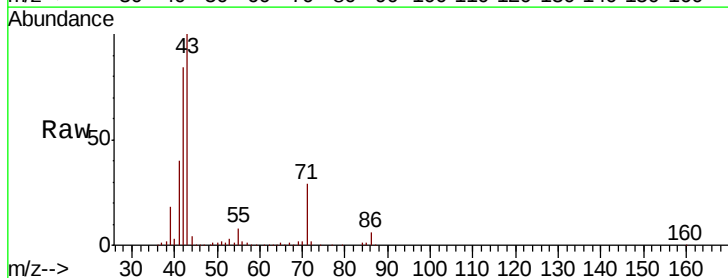
Acq: 27 Jun 2019 14:09

Tgt Ion: 43 Resp: 99703

Ion Ratio Lower Upper

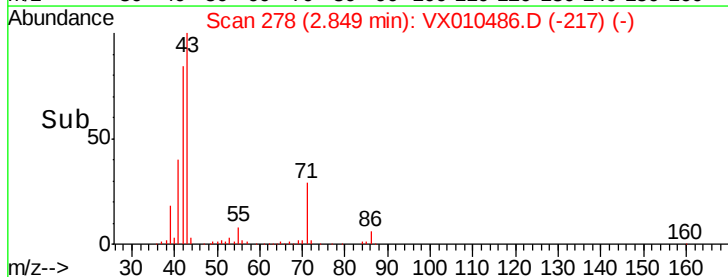
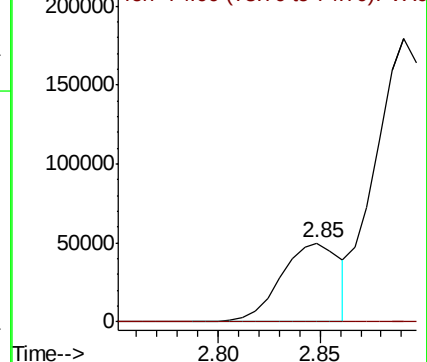
43 100

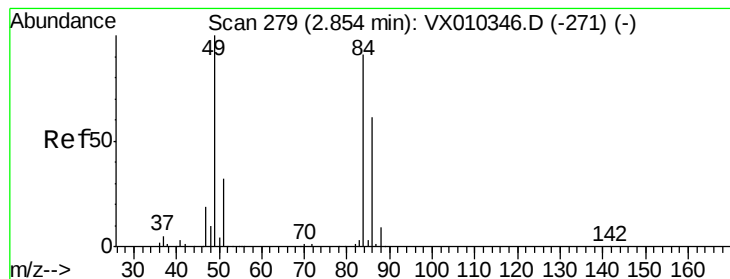
74 0.0 21.3 31.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#20

Methylene Chloride

Concen: 0.285 ug/l

RT: 2.85 min Scan# 278

Delta R.T. -0.01 min

Lab File: VX010486.D

Acq: 27 Jun 2019 14:09

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 84 Resp: 686

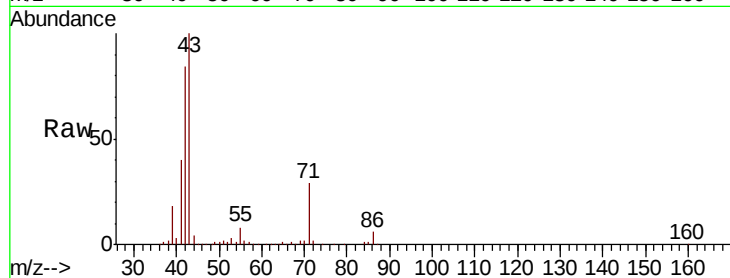
Ion Ratio Lower Upper

84 100

49 43.4 87.5 131.3#

51 180.3 27.7 41.5#

86 623.3 53.4 80.0#

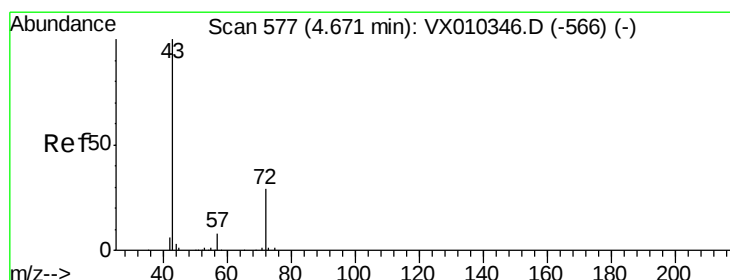
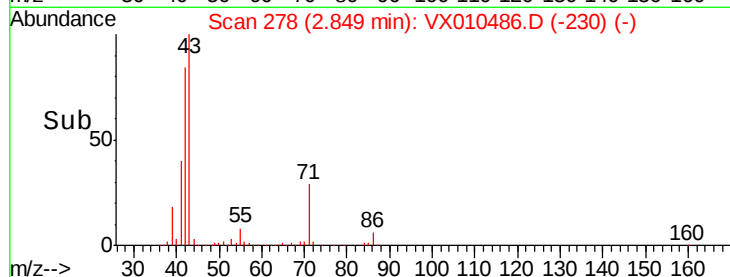
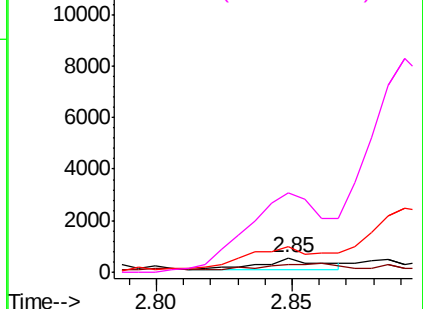


Abundance Ion 83.90 (83.60 to 84.60): VX0

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: 1.855 ug/l

RT: 4.55 min Scan# 557

Delta R.T. -0.12 min

Lab File: VX010486.D

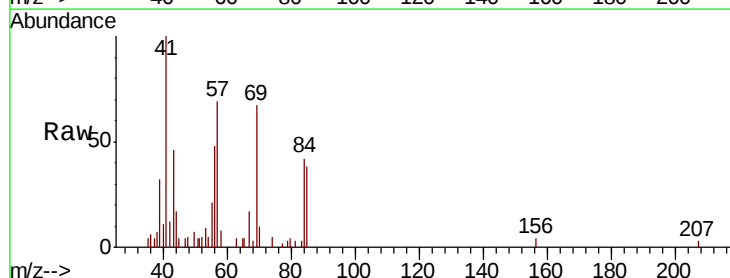
Acq: 27 Jun 2019 14:09

Tgt Ion: 43 Resp: 3180

Ion Ratio Lower Upper

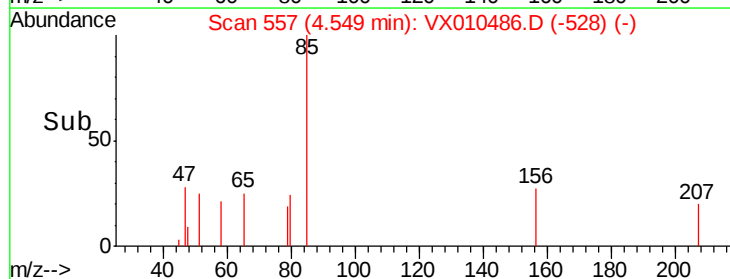
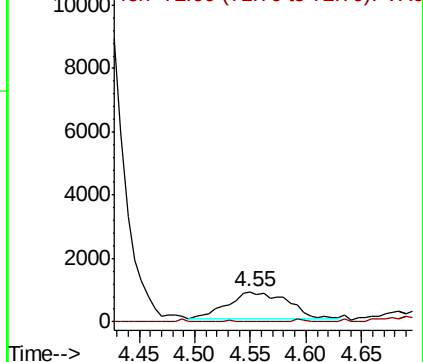
43 100

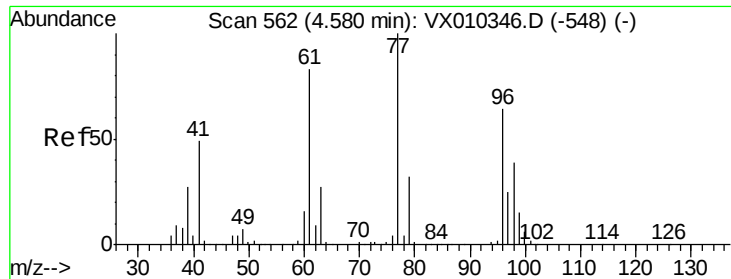
72 0.0 23.3 34.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#26

2,2-Dichloropropane

Concen: 1.527 ug/l

RT: 4.42 min Scan# 535

Delta R.T. -0.16 min

Lab File: VX010486.D

Acq: 27 Jun 2019 14:09

Instrument :

MSVOA_X

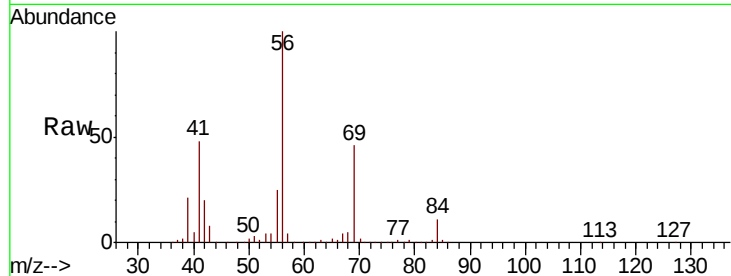
ClientSampleId :

Tot Ion: 77 Resp: 4904

Ion Ratio Lower Upper

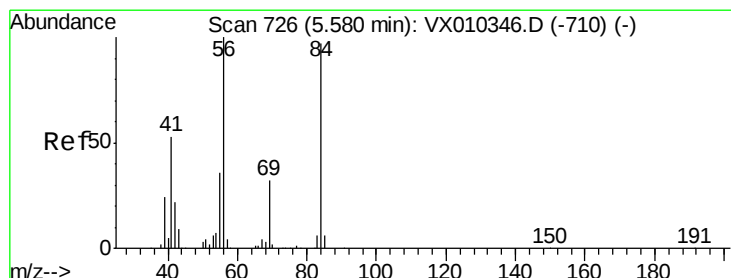
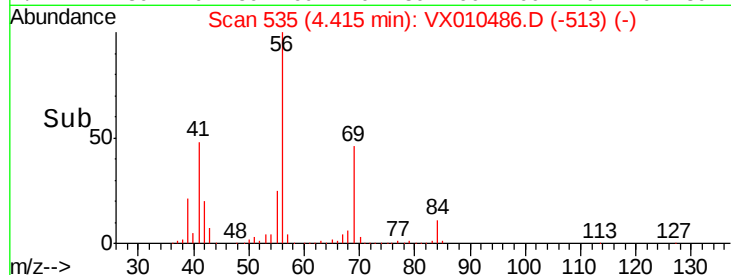
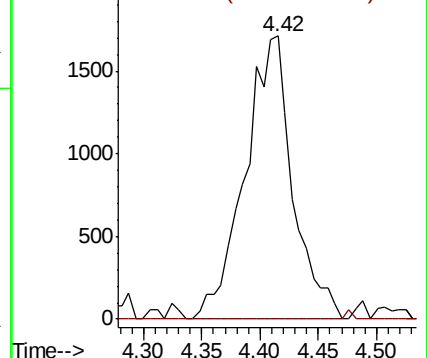
77 100

97 0.0 13.1 39.3#



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



#31

Cyclohexane

Concen: 86.094 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010486.D

Acq: 27 Jun 2019 14:09

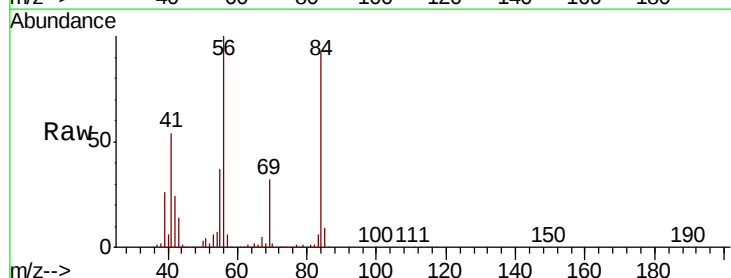
Tgt Ion: 56 Resp: 289923

Ion Ratio Lower Upper

56 100

69 31.1 25.9 38.9

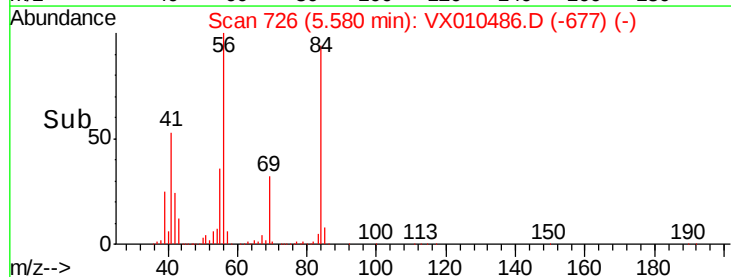
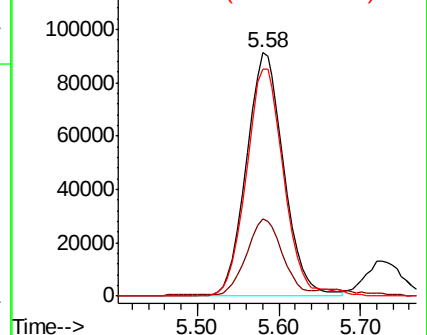
84 93.6 78.0 117.0

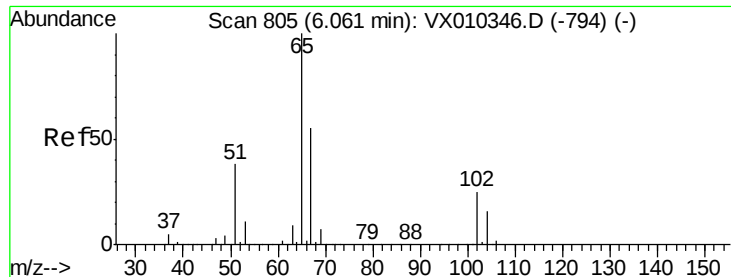


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 50.537 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX010486.D

Acq: 27 Jun 2019 14:09

Instrument :

MSVOA_X

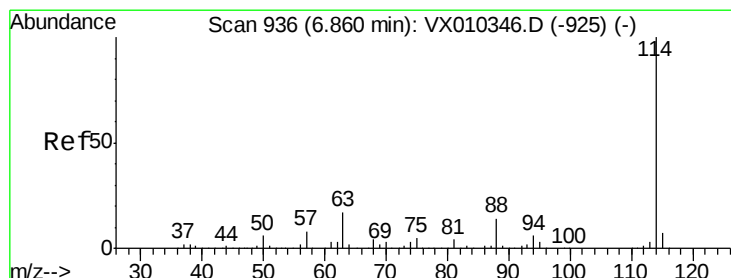
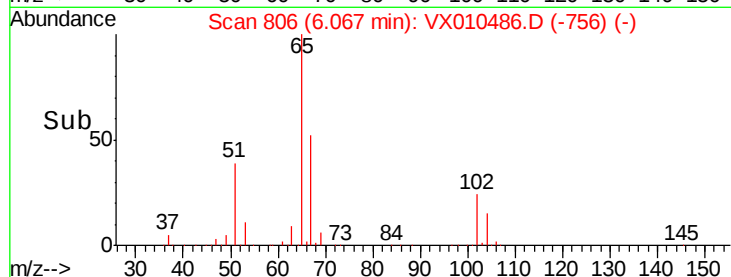
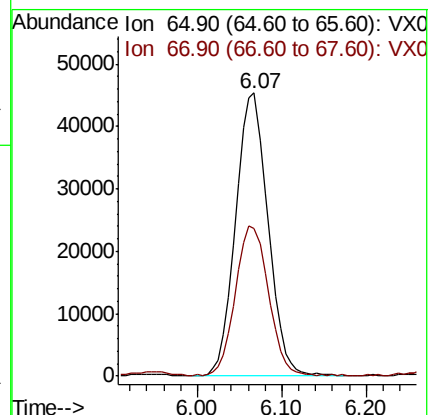
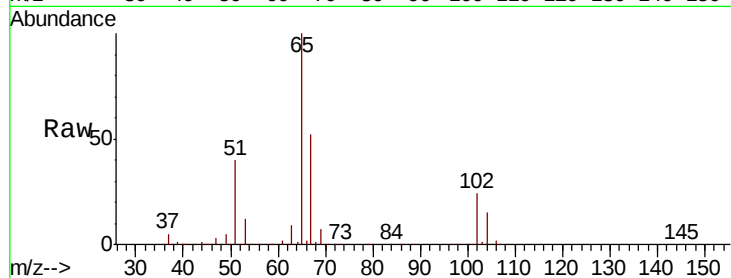
ClientSampled :

Tot Ion: 65 Resp: 117821

Ion Ratio Lower Upper

65 100

67 54.2 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010486.D

Acq: 27 Jun 2019 14:09

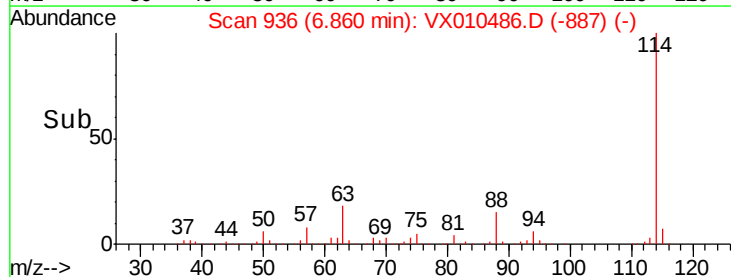
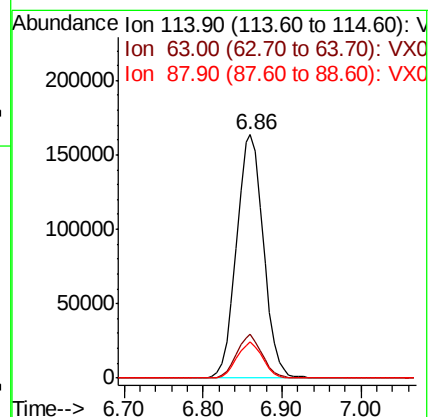
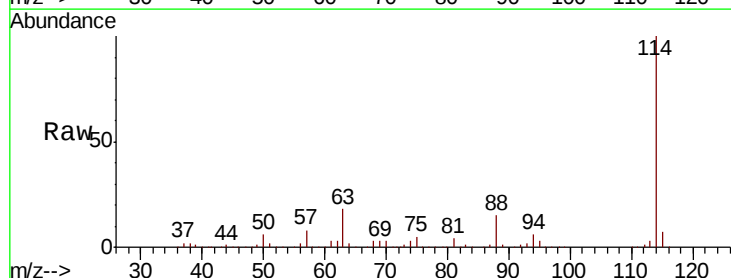
Tgt Ion: 114 Resp: 387626

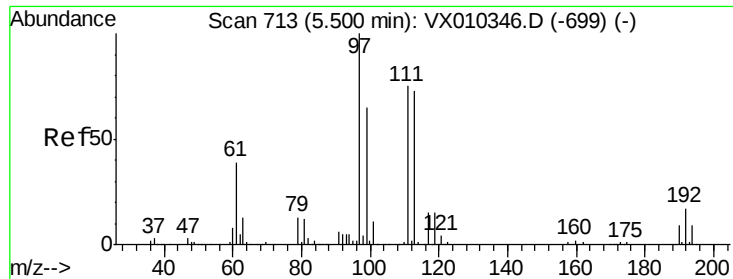
Ion Ratio Lower Upper

114 100

63 18.0 0.0 33.8

88 14.7 0.0 27.6

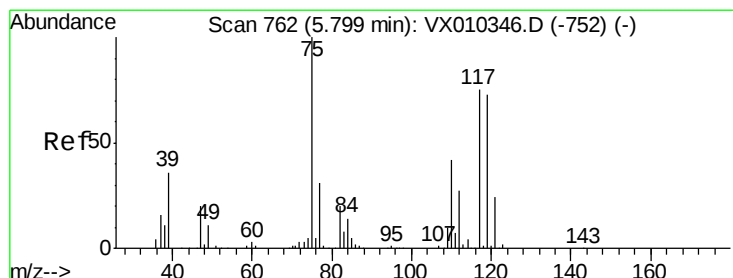
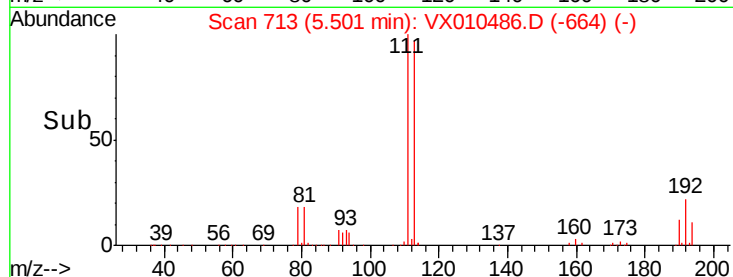
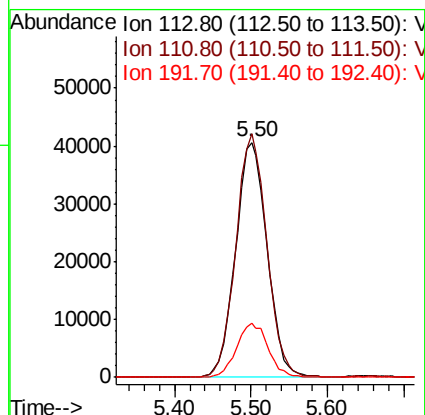
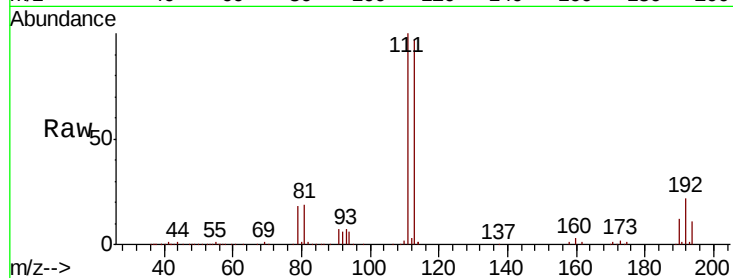




#35
Dibromofluoromethane
Concen: 48.947 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX010486.D
Acq: 27 Jun 2019 14:09

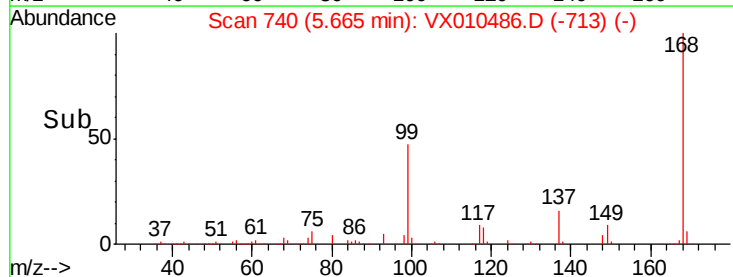
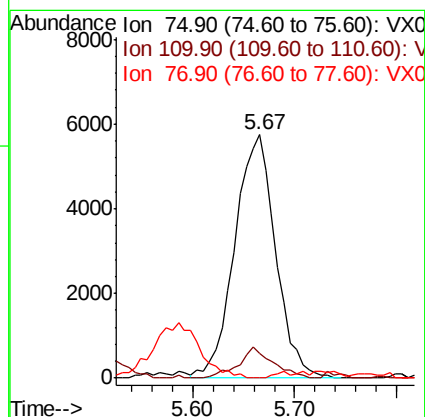
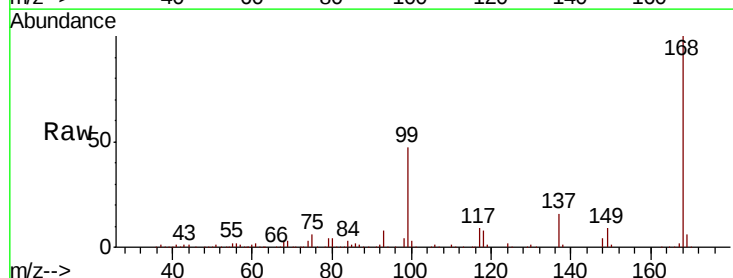
Instrument :
MSVOA_X
ClientSampled :

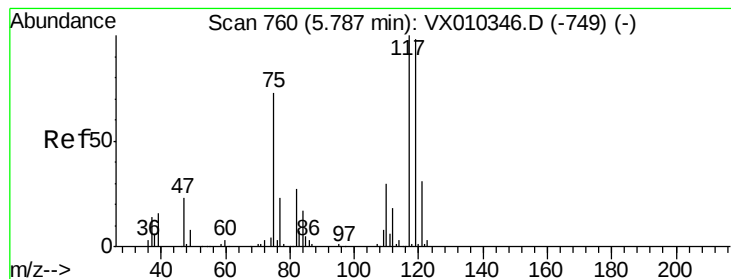
Tot Ion:113 Resp: 116085
Ion Ratio Lower Upper
113 100
111 102.2 81.2 121.8
192 23.1 18.6 27.8



#36
1,1-Dichloropropene
Concen: 5.185 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX010486.D
Acq: 27 Jun 2019 14:09

Tgt Ion: 75 Resp: 15970
Ion Ratio Lower Upper
75 100
110 10.6 20.8 62.2#
77 0.0 25.4 38.0#





#38

Carbon Tetrachloride

Concen: 6.806 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.13 min

Lab File: VX010486.D

Acq: 27 Jun 2019 14:09

Instrument :

MSVOA_X

ClientSampled :

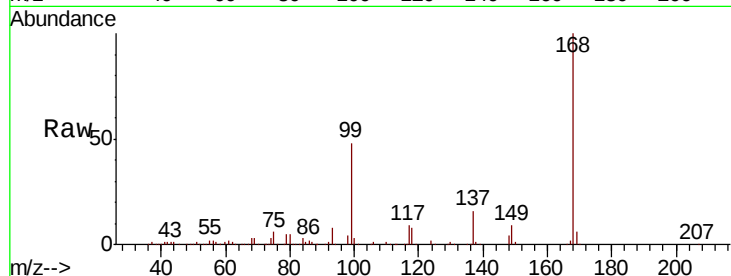
Tot Ion:117 Resp: 22702

Ion Ratio Lower Upper

117 100

119 5.5 78.2 117.4#

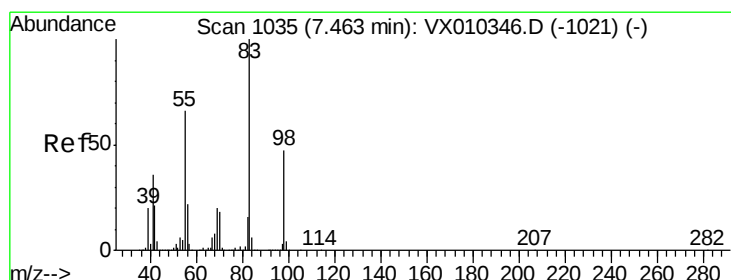
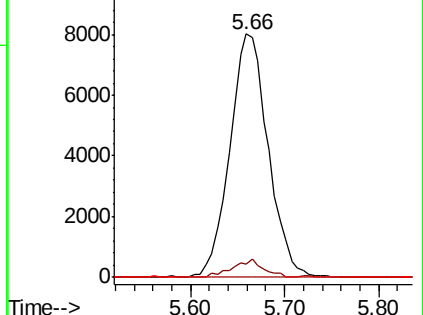
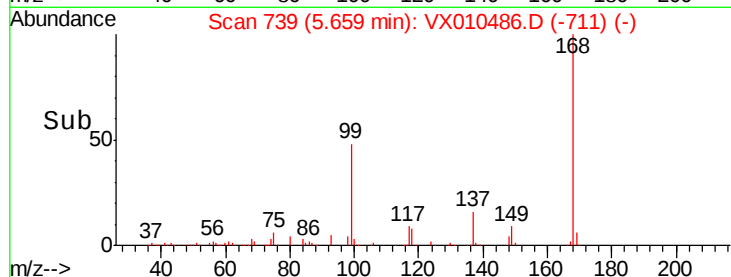
121 0.0 24.7 37.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 59.380 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX010486.D

Acq: 27 Jun 2019 14:09

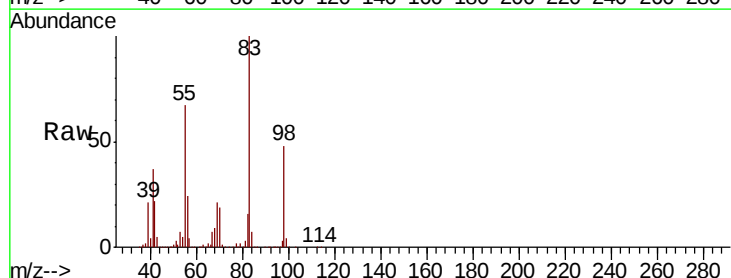
Tgt Ion: 83 Resp: 240427

Ion Ratio Lower Upper

83 100

55 67.0 53.0 79.6

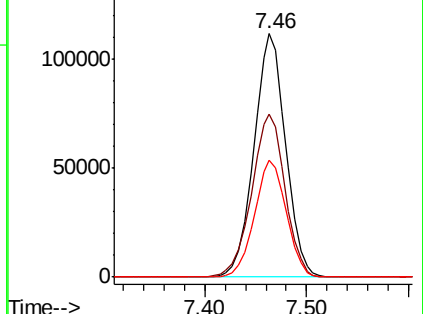
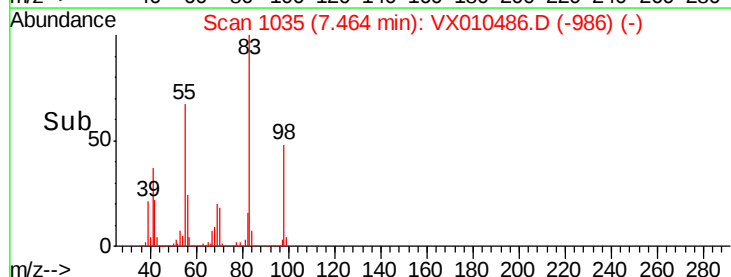
98 48.3 37.8 56.8

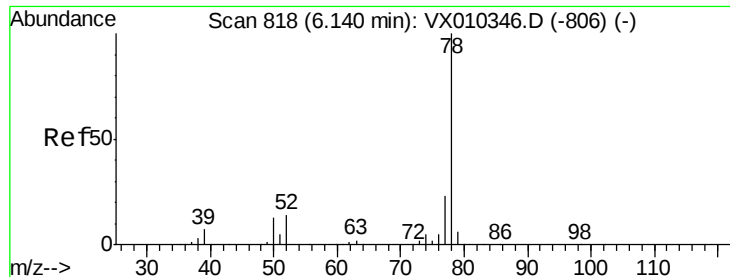


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 191.020 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX010486.D

Acq: 27 Jun 2019 14:09

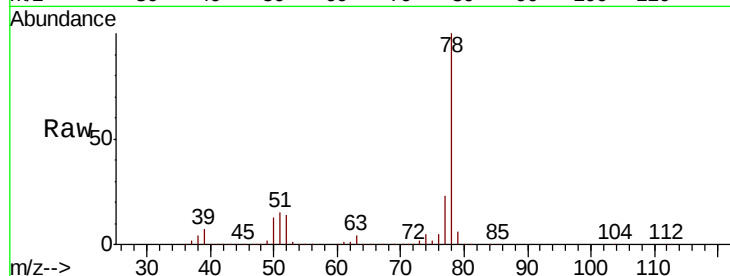
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 78 Resp: 1833133

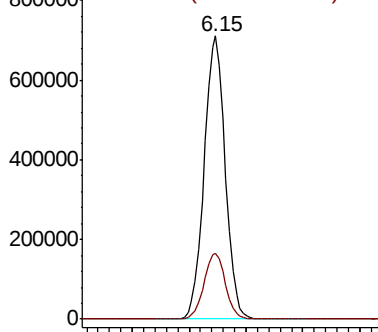
Ion Ratio Lower Upper

78 100

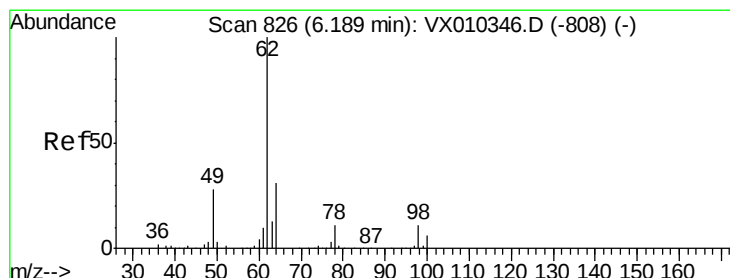
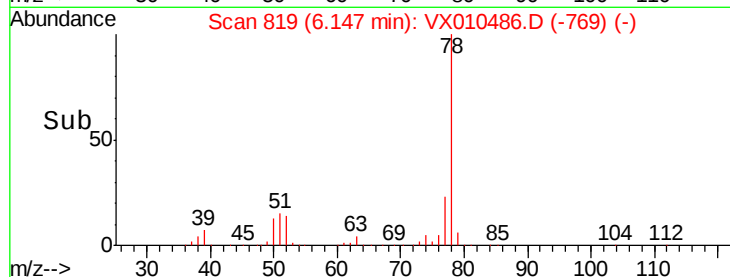
77 23.3 18.6 28.0



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0



Time-->



#42

1,2-Dichloroethane

Concen: 5.109 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.05 min

Lab File: VX010486.D

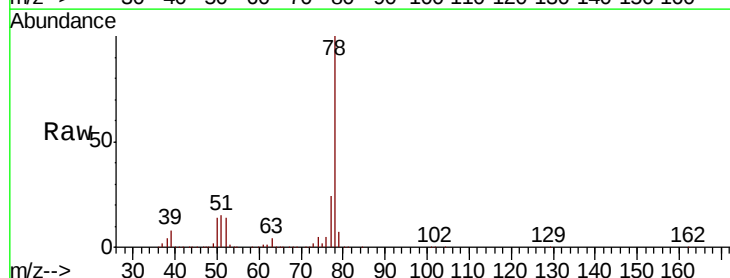
Acq: 27 Jun 2019 14:09

Tgt Ion: 62 Resp: 14925

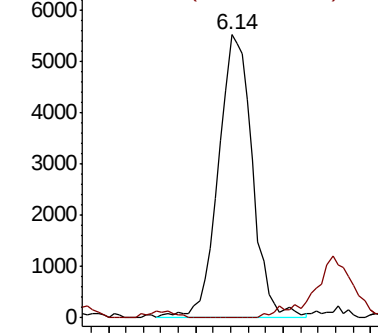
Ion Ratio Lower Upper

62 100

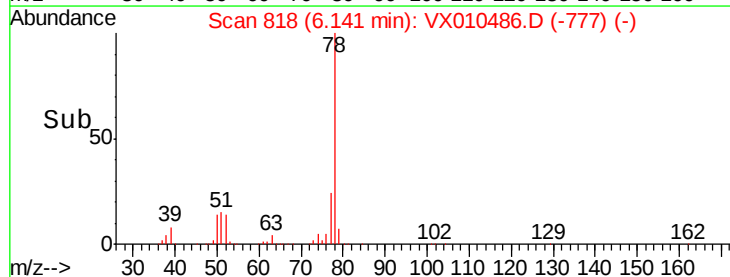
98 0.0 0.0 22.2

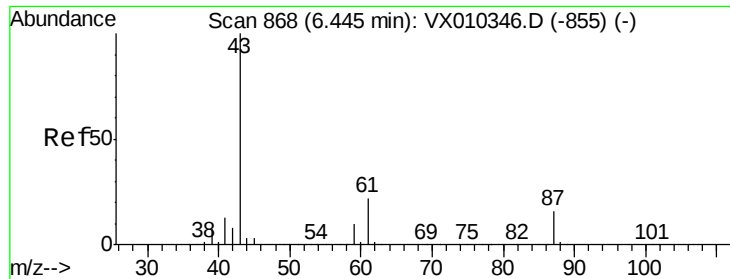


Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



Time-->





#43

Isopropyl Acetate

Concen: 0.745 ug/l

RT: 6.45 min Scan# 869

Delta R.T. 0.01 min

Lab File: VX010486.D

Acq: 27 Jun 2019 14:09

Instrument :

MSVOA_X

ClientSampleId :

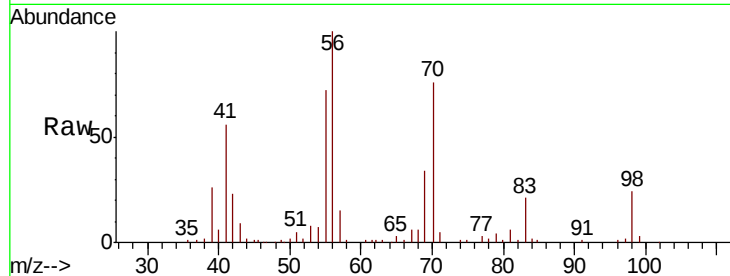
Tot Ion: 43 Resp: 3905

Ion Ratio Lower Upper

43 100

61 3.0 17.8 26.6#

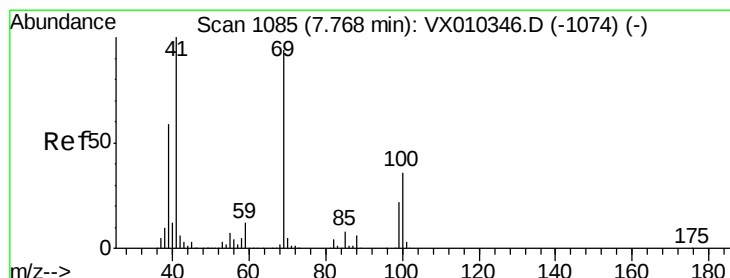
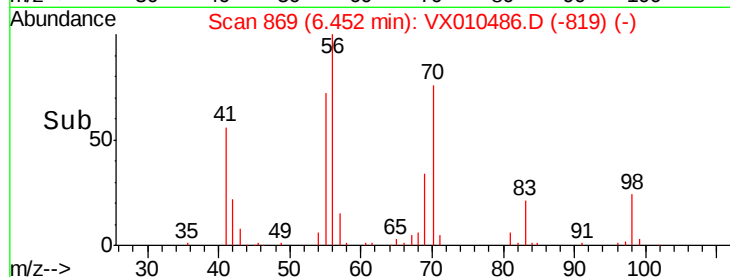
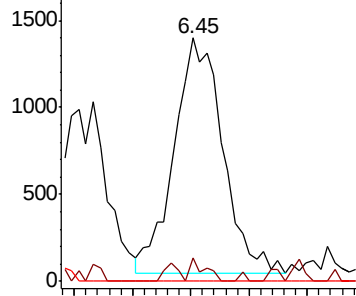
87 0.0 13.0 19.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#48

Methyl methacrylate

Concen: 4.416 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.04 min

Lab File: VX010486.D

Acq: 27 Jun 2019 14:09

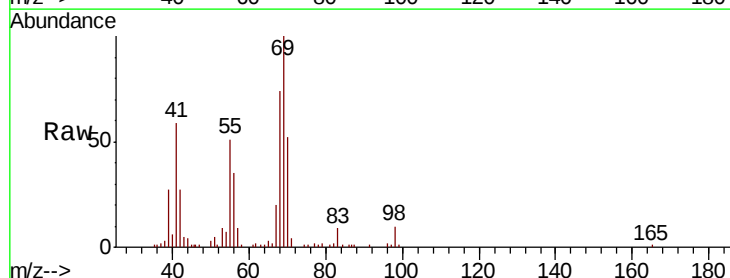
Tgt Ion: 41 Resp: 10761

Ion Ratio Lower Upper

41 100

69 166.0 76.1 114.1#

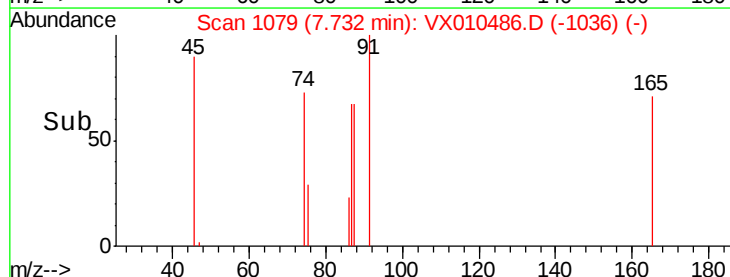
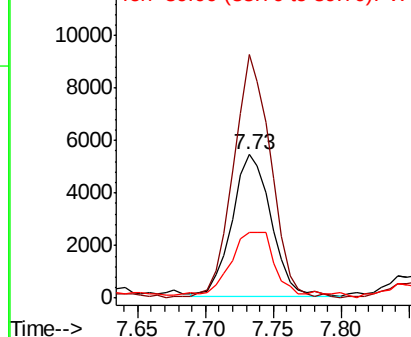
39 48.8 47.6 71.4

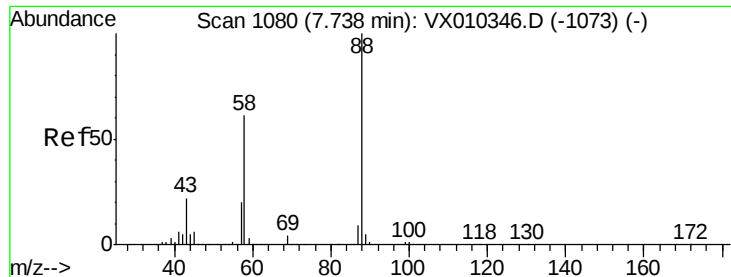


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

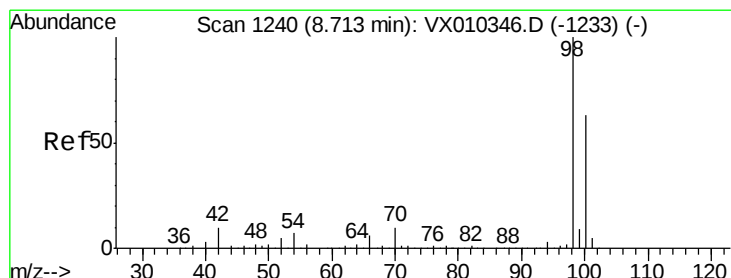
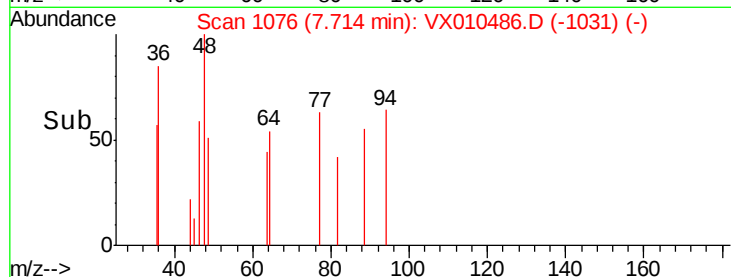
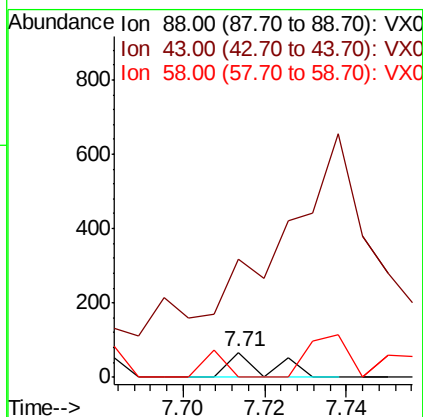
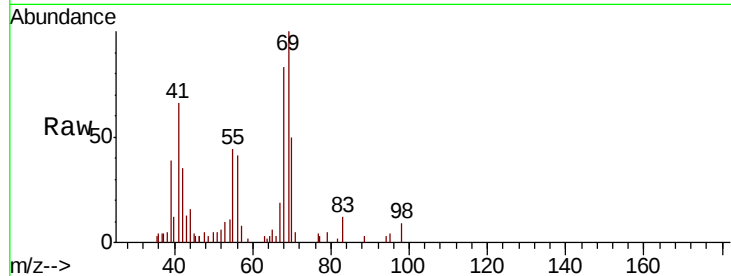




#49
1,4-Dioxane
Concen: 0.627 ug/l
RT: 7.71 min Scan# 1076
Delta R.T. -0.02 min
Lab File: VX010486.D
Acq: 27 Jun 2019 14:09

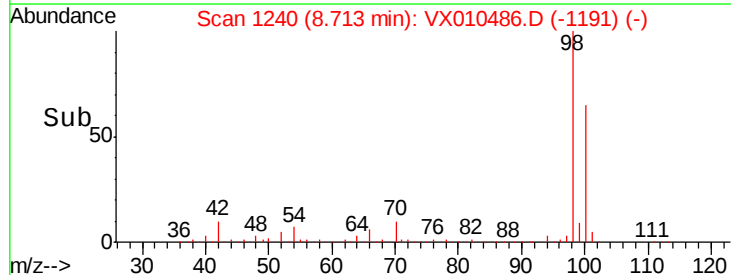
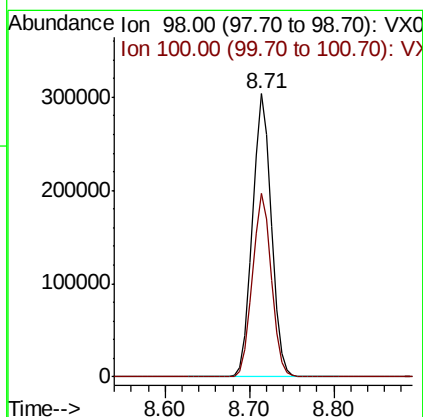
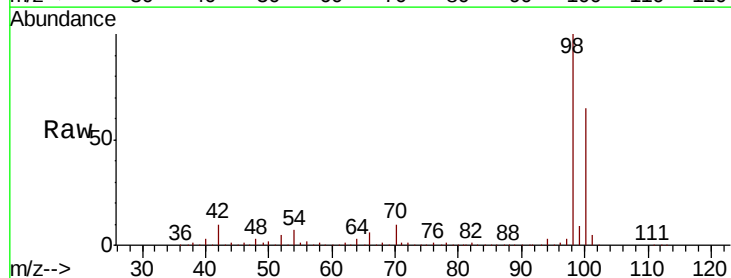
Instrument :
MSVOA_X
ClientSampled :

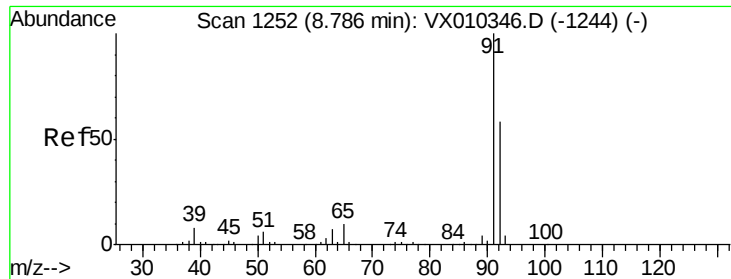
Tot Ion: 88 Resp: 44
Ion Ratio Lower Upper
88 100
43 0.0 20.2 30.2#
58 61.4 49.5 74.3



#50
Toluene-d8
Concen: 50.779 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010486.D
Acq: 27 Jun 2019 14:09

Tgt Ion: 98 Resp: 460736
Ion Ratio Lower Upper
98 100
100 64.5 51.6 77.4





#52

Toluene

Concen: 1.620 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX010486.D

Acq: 27 Jun 2019 14:09

Instrument :

MSVOA_X

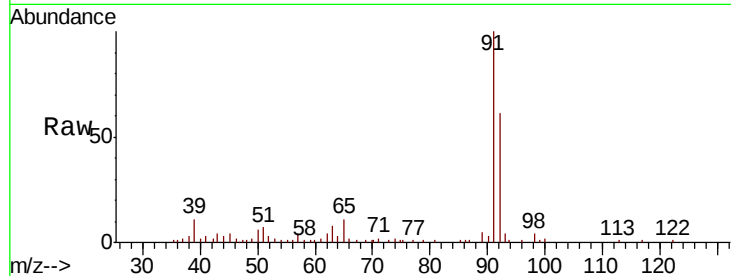
ClientSampleId :

Tot Ion: 92 Resp: 10235

Ion Ratio Lower Upper

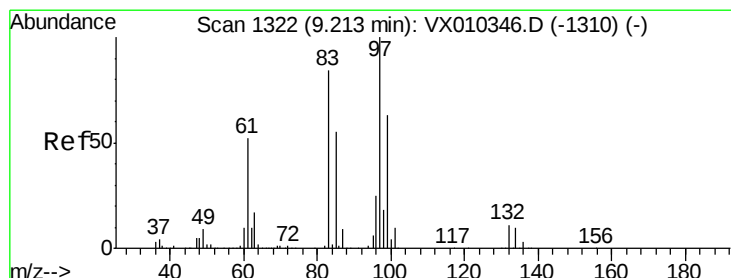
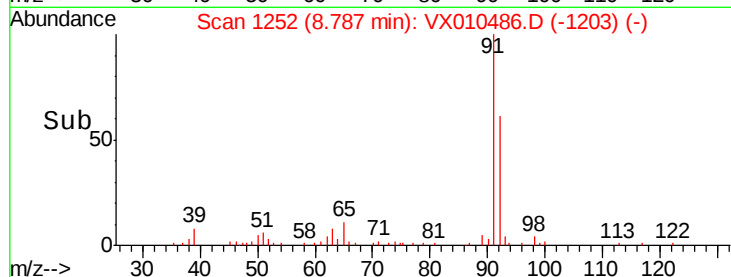
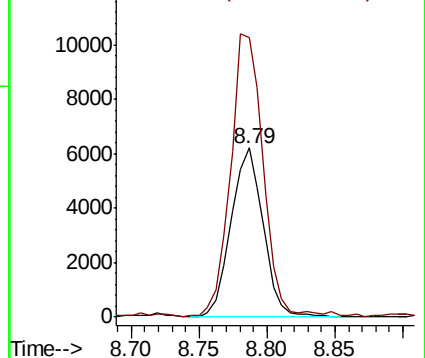
92 100

91 171.4 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#55

1,1,2-Trichloroethane

Concen: 3.234 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX010486.D

Acq: 27 Jun 2019 14:09

Tgt Ion: 97 Resp: 8429

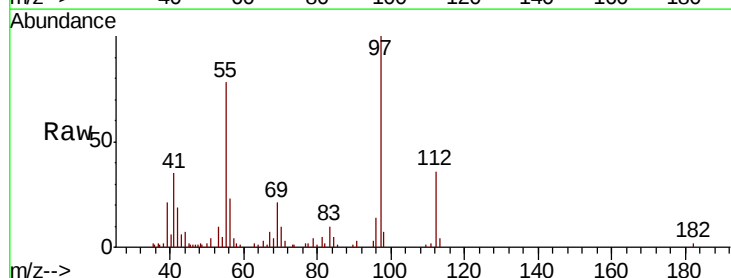
Ion Ratio Lower Upper

97 100

83 9.2 67.4 101.0#

85 1.4 43.8 65.8#

99 0.0 50.3 75.5#

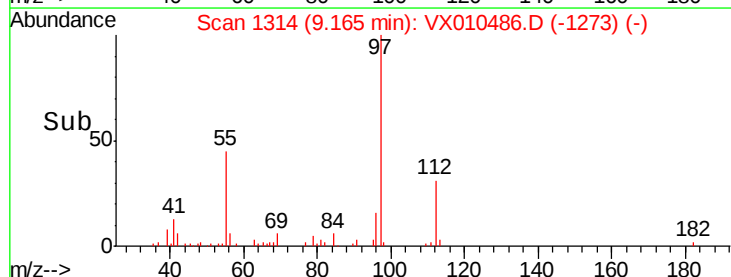
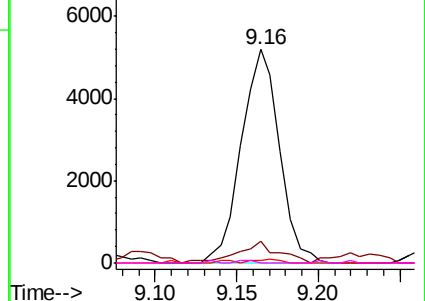


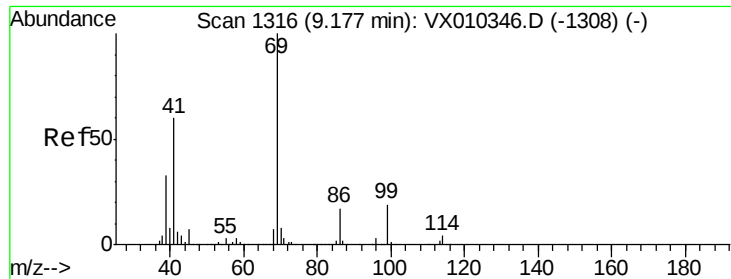
Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

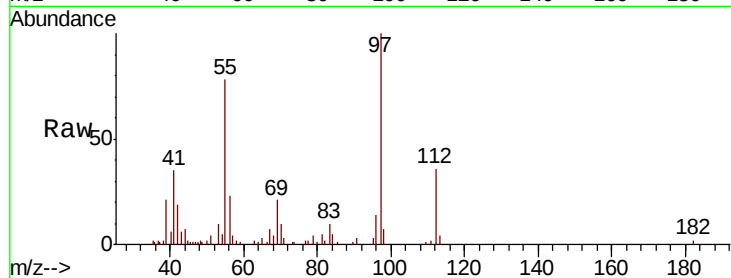




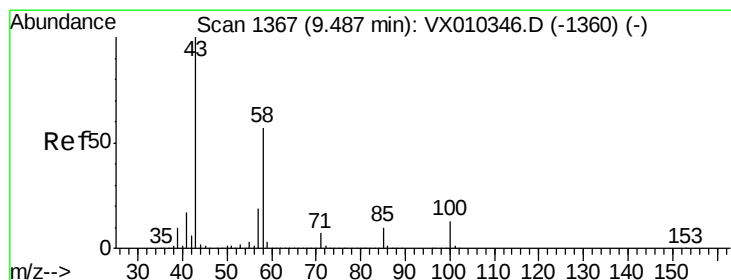
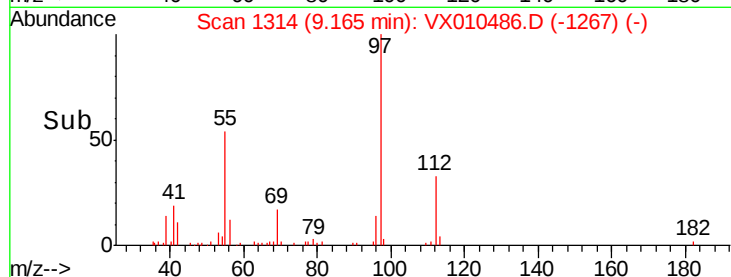
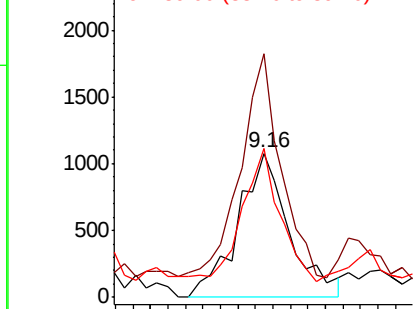
#56
Ethyl methacrylate
Concen: 0.558 ug/l
RT: 9.16 min Scan# 1314
Delta R.T. -0.01 min
Lab File: VX010486.D
Acq: 27 Jun 2019 14:09

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 69 Resp: 2204
Ion Ratio Lower Upper
69 100
41 120.5 47.1 70.7#
39 68.1 26.6 40.0#

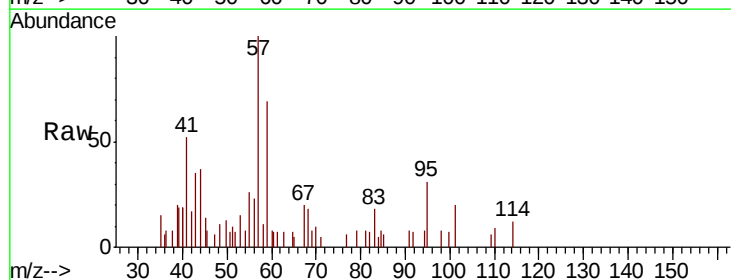


Abundance Ion 69.00 (68.70 to 69.70): VX0
Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

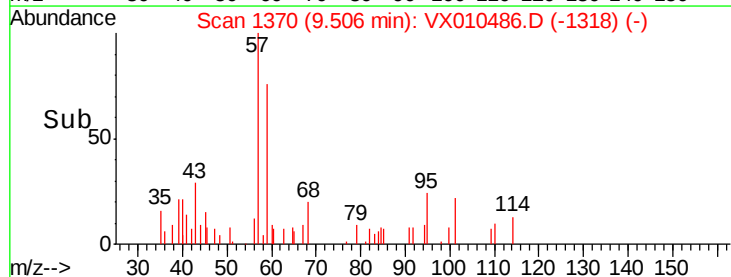
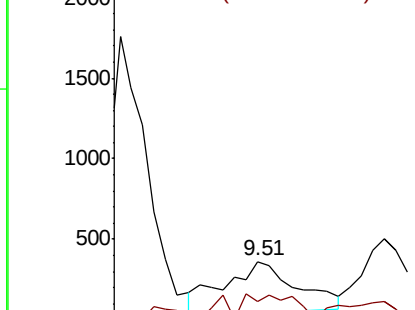


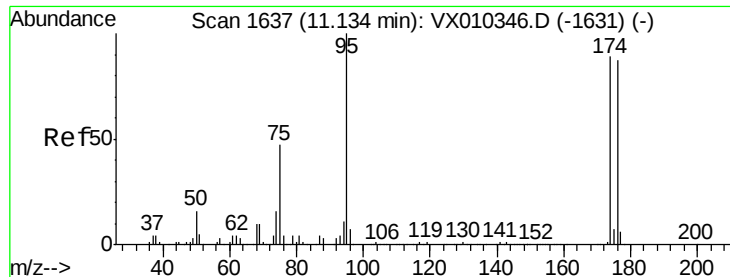
#59
2-Hexanone
Concen: 0.325 ug/l
RT: 9.51 min Scan# 1370
Delta R.T. 0.02 min
Lab File: VX010486.D
Acq: 27 Jun 2019 14:09

Tgt Ion: 43 Resp: 857
Ion Ratio Lower Upper
43 100
58 33.1 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: 48.760 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010486.D

Acq: 27 Jun 2019 14:09

Instrument :

MSVOA_X

ClientSampleId :

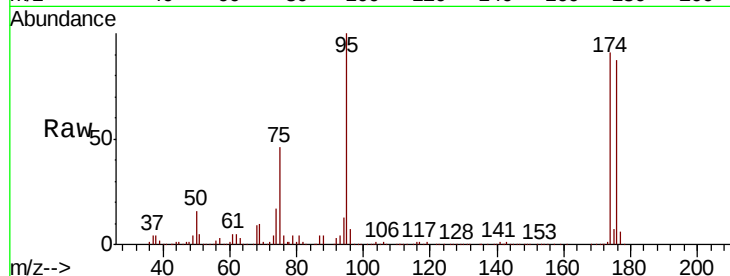
Tot Ion: 95 Resp: 159726

Ion Ratio Lower Upper

95 100

174 94.3 0.0 187.6

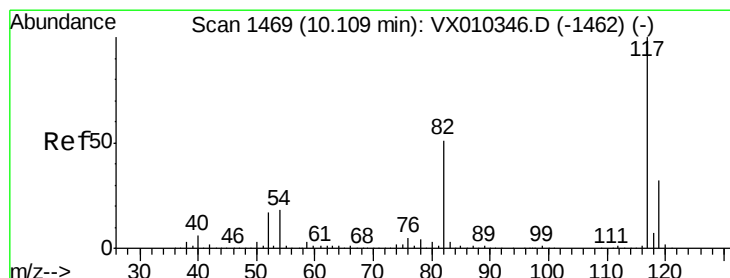
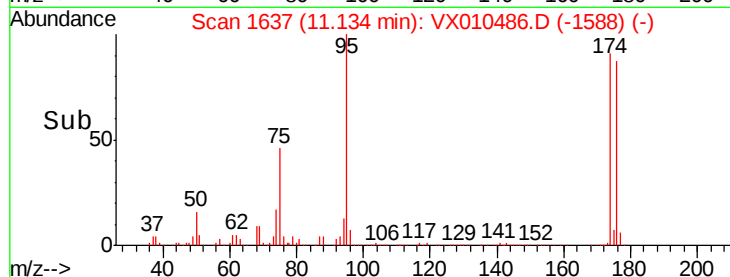
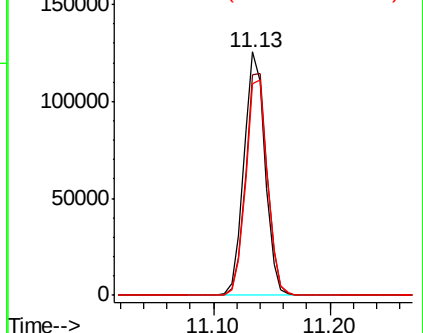
176 91.1 0.0 184.0



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: VX010486.D

Acq: 27 Jun 2019 14:09

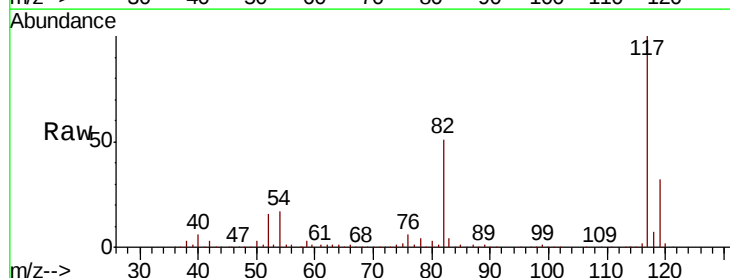
Tgt Ion: 117 Resp: 353202

Ion Ratio Lower Upper

117 100

82 50.8 41.2 61.8

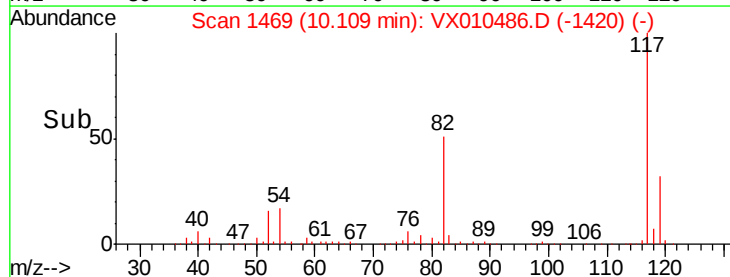
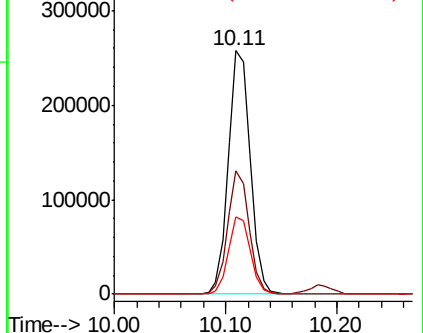
119 31.9 25.5 38.3

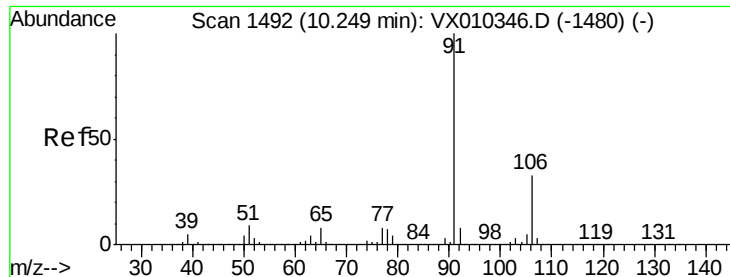


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#67

Ethyl Benzene

Concen: 202.589 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX010486.D

Acq: 27 Jun 2019 14:09

Instrument :

MSVOA_X

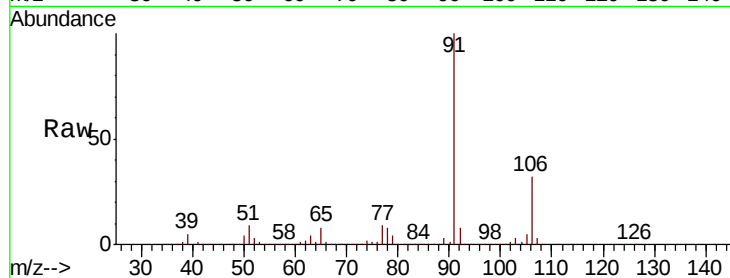
ClientSampled :

Tot Ion: 91 Resp: 2452479

Ion Ratio Lower Upper

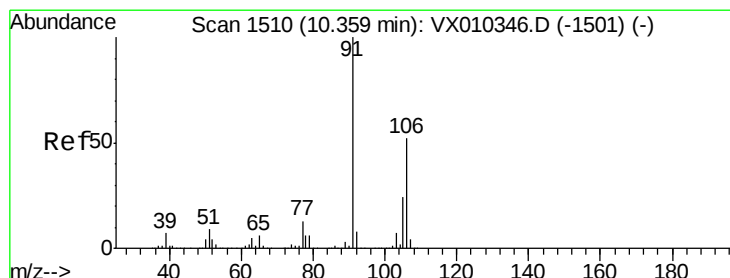
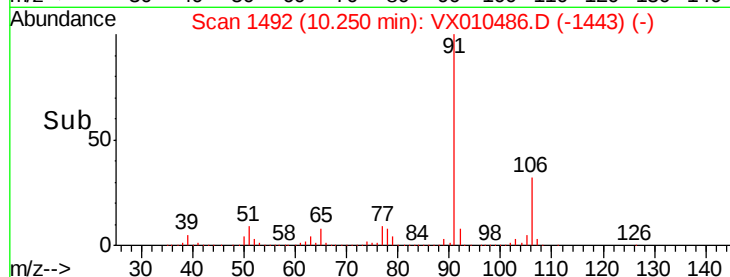
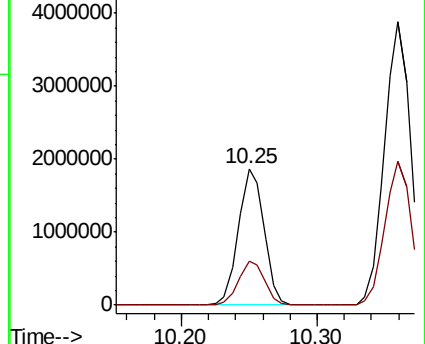
91 100

106 32.2 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: 567.073 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX010486.D

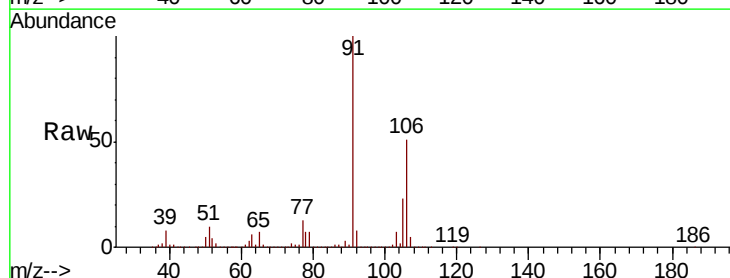
Acq: 27 Jun 2019 14:09

Tgt Ion:106 Resp: 2659941

Ion Ratio Lower Upper

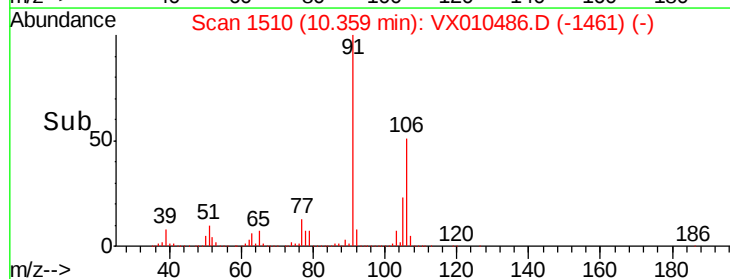
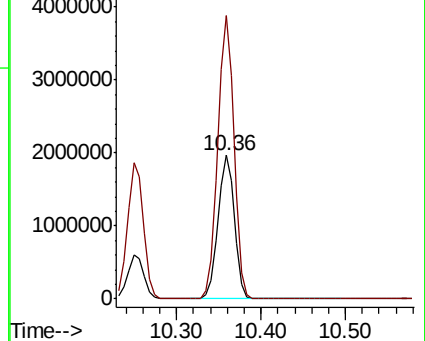
106 100

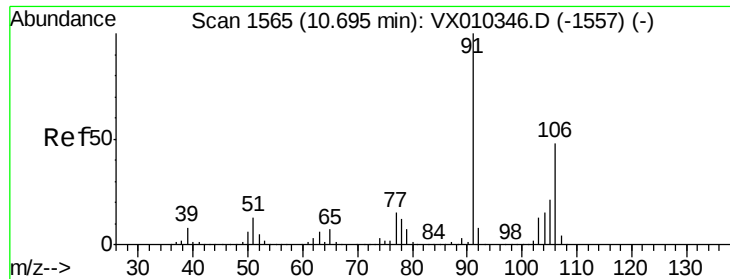
91 195.4 155.3 232.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

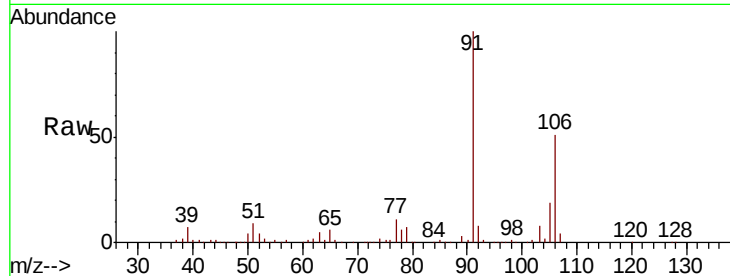




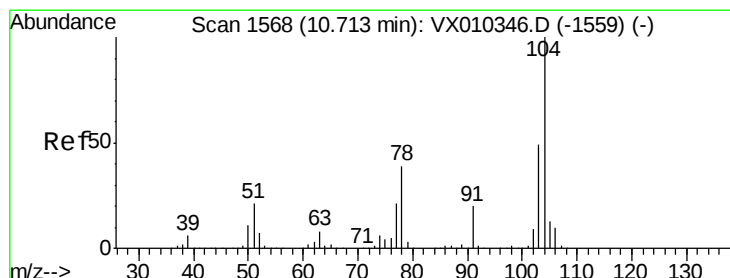
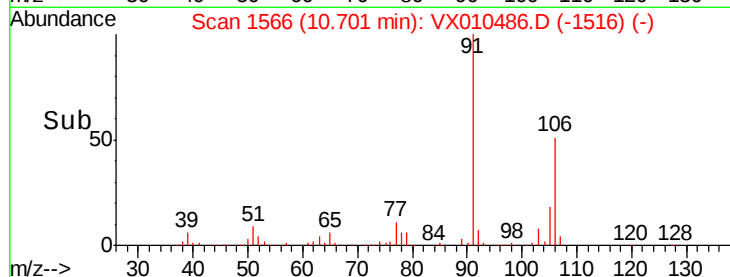
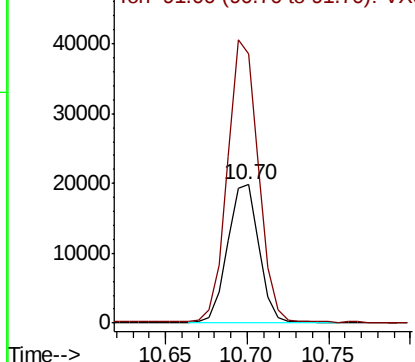
#69
o-Xylene
Concen: 5.695 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX010486.D
Acq: 27 Jun 2019 14:09

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 26271
Ion Ratio Lower Upper
106 100
91 202.7 102.7 308.1

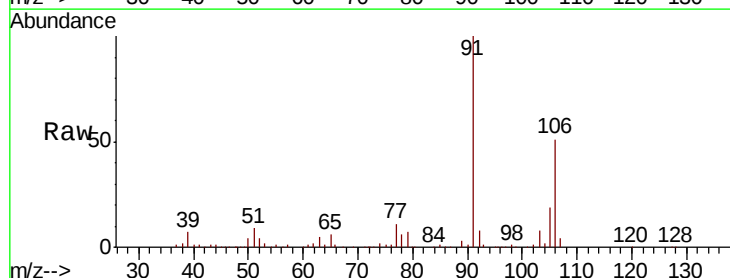


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

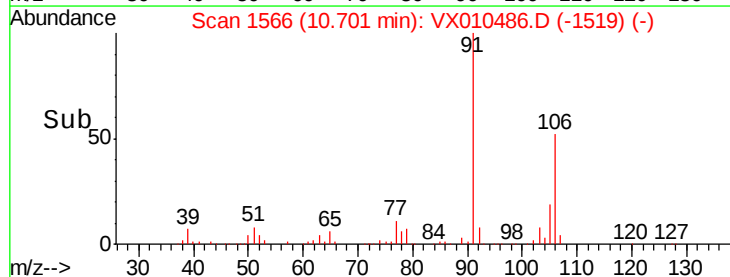
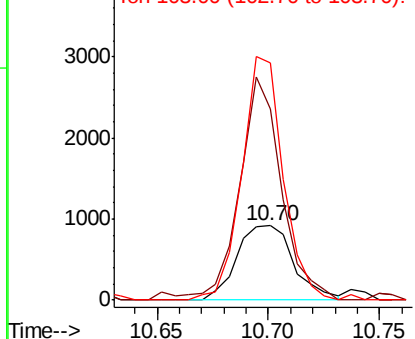


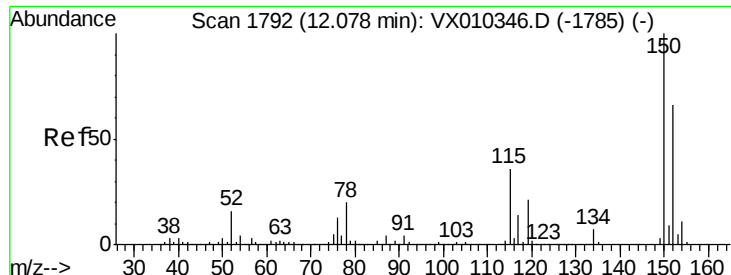
#70
Styrene
Concen: 0.211 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.01 min
Lab File: VX010486.D
Acq: 27 Jun 2019 14:09

Tgt Ion:104 Resp: 1629
Ion Ratio Lower Upper
104 100
78 225.1 36.2 54.2#
103 239.5 44.2 66.4#



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010486.D

Acq: 27 Jun 2019 14:09

Instrument :

MSVOA_X

ClientSampleId :

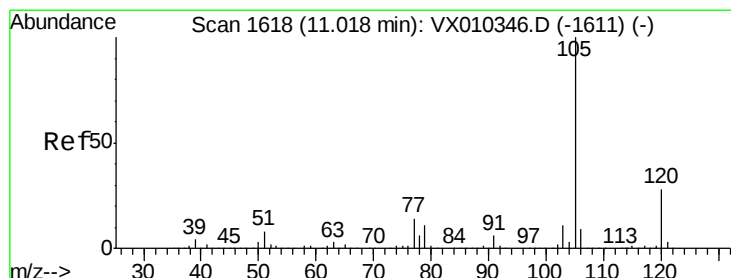
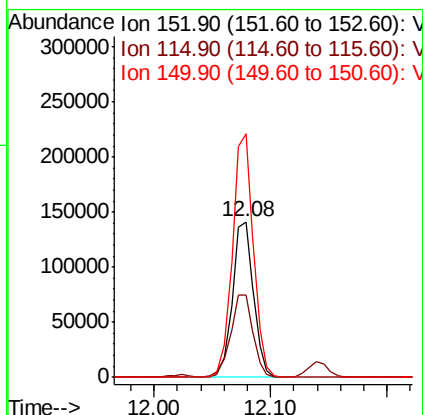
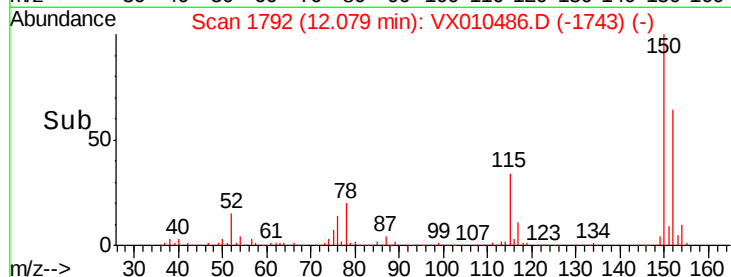
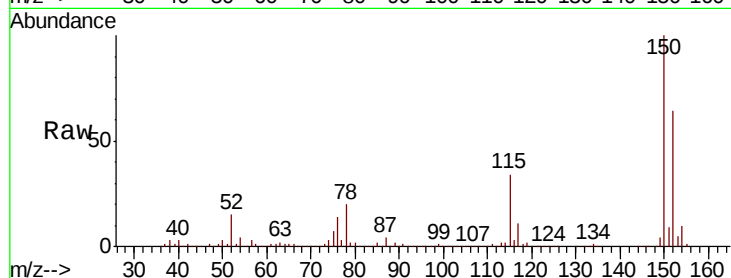
Tot Ion:152 Resp: 176342

Ion Ratio Lower Upper

152 100

115 56.8 38.6 115.7

150 156.4 0.0 347.4



#73

Isopropylbenzene

Concen: 19.268 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010486.D

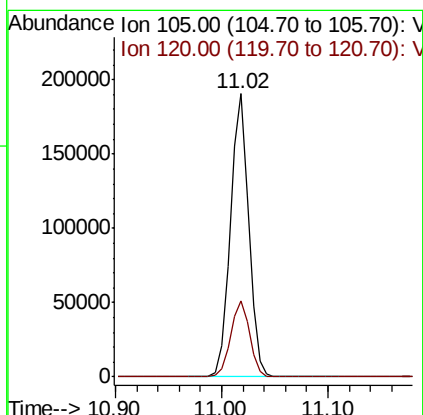
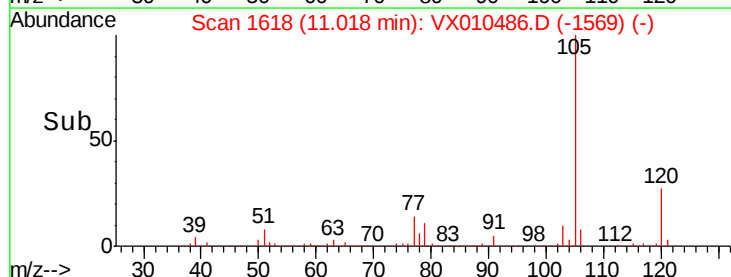
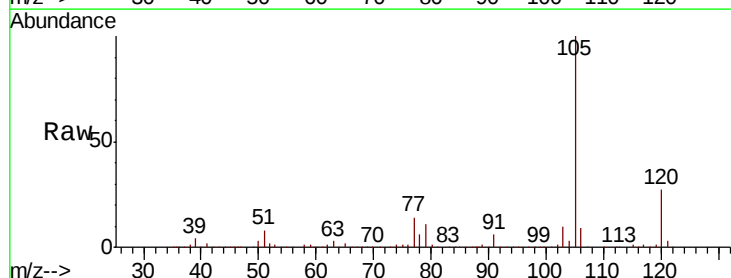
Acq: 27 Jun 2019 14:09

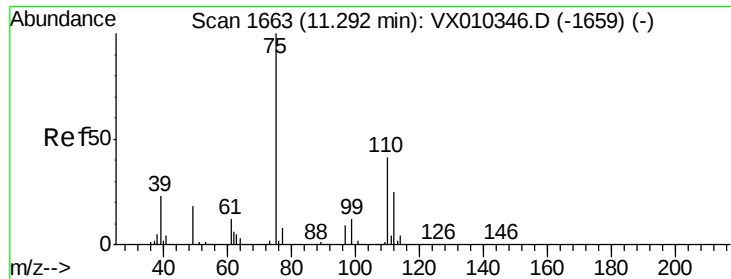
Tgt Ion:105 Resp: 230327

Ion Ratio Lower Upper

105 100

120 27.7 14.1 42.4





#76

1,2,3-Trichloropropane

Concen: 2.538 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.14 min

Lab File: VX010486.D

Acq: 27 Jun 2019 14:09

Instrument :

MSVOA_X

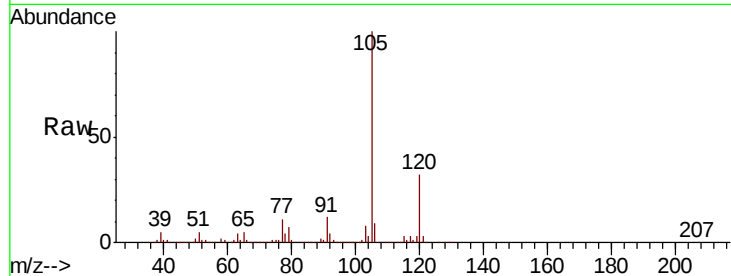
ClientSampleId :

Tot Ion: 75 Resp: 8155

Ion Ratio Lower Upper

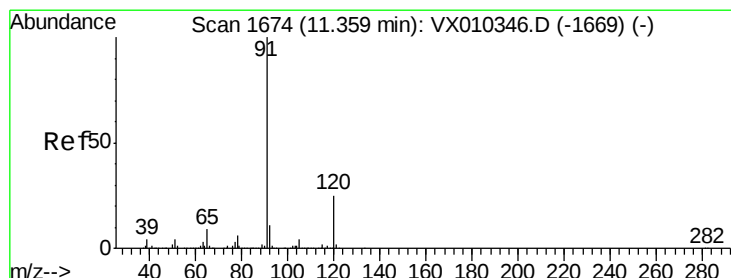
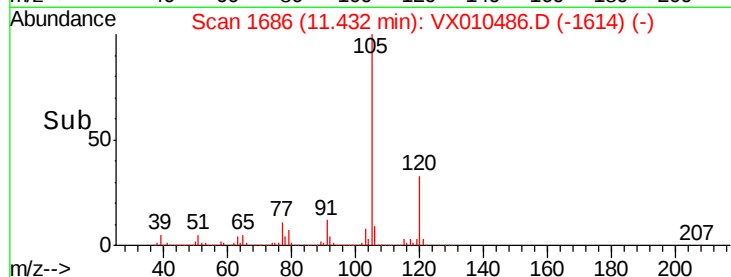
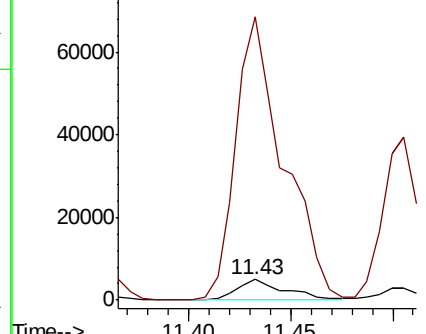
75 100

77 1359.6 22.6 67.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#78

n-propylbenzene

Concen: 21.575 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010486.D

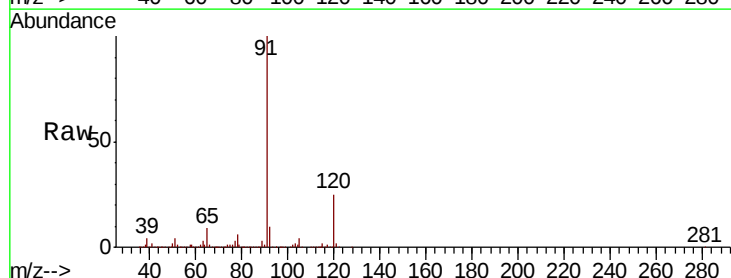
Acq: 27 Jun 2019 14:09

Tgt Ion: 91 Resp: 283451

Ion Ratio Lower Upper

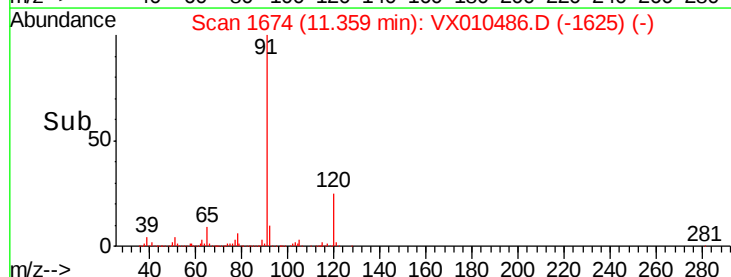
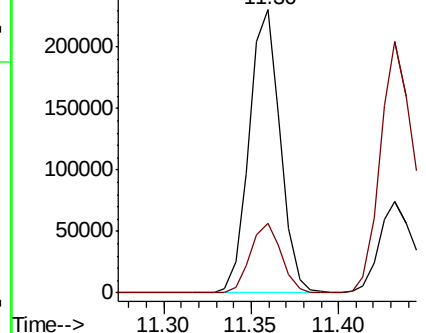
91 100

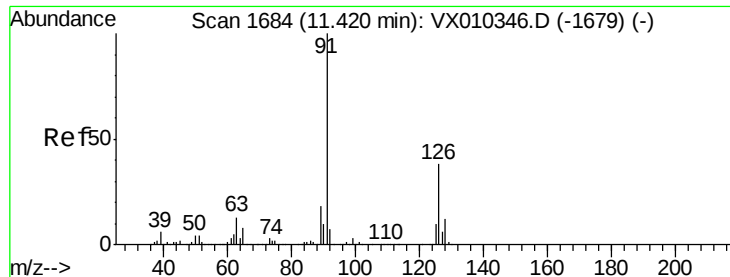
120 24.4 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 15.390 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX010486.D

Acq: 27 Jun 2019 14:09

Instrument :

MSVOA_X

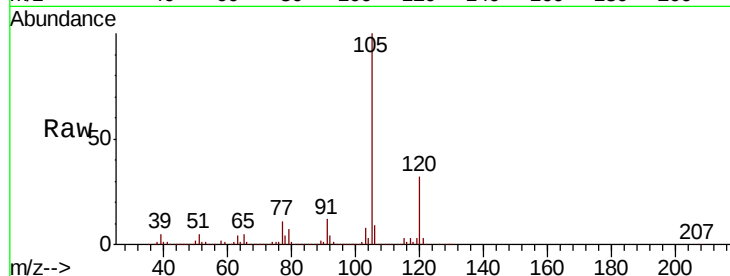
ClientSampleId :

Tot Ion: 91 Resp: 120397

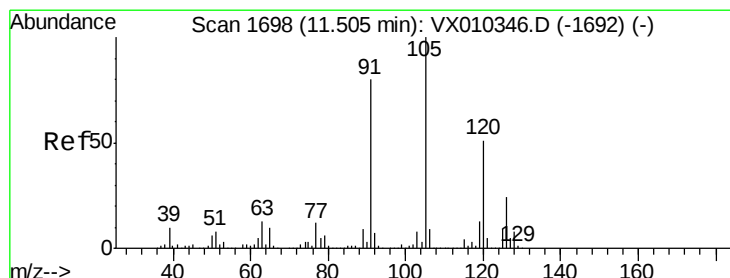
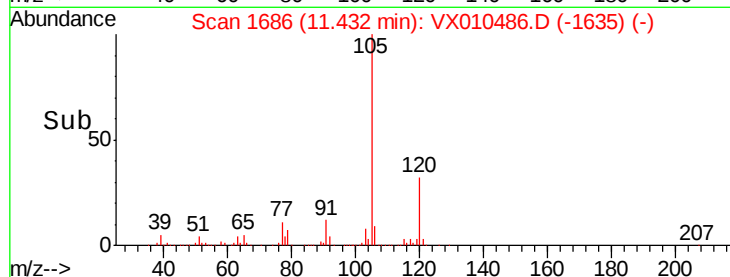
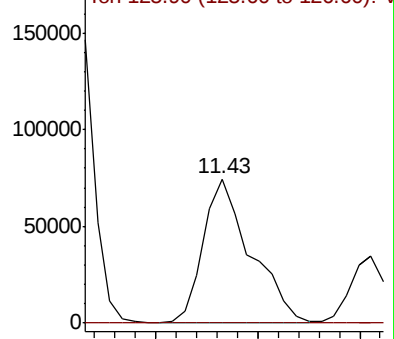
Ion Ratio Lower Upper

91 100

126 0.1 18.7 56.1#



Abundance Ion 91.00 (90.70 to 91.70): VX010486.D (-1635) (-)



#80

1,3,5-Trimethylbenzene

Concen: 41.055 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010486.D

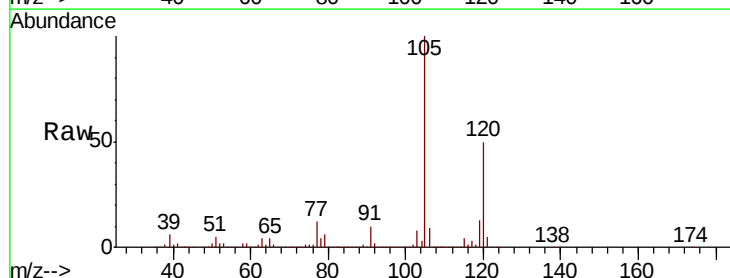
Acq: 27 Jun 2019 14:09

Tgt Ion:105 Resp: 404577

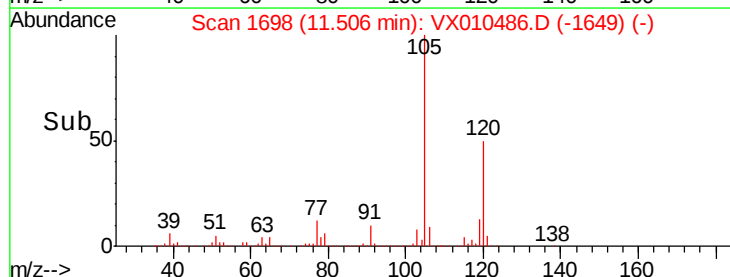
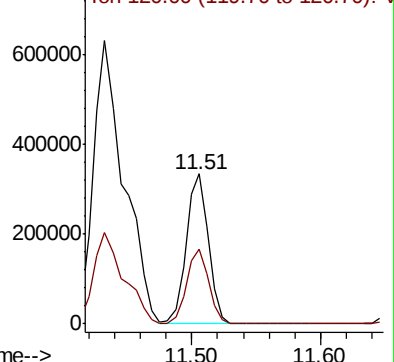
Ion Ratio Lower Upper

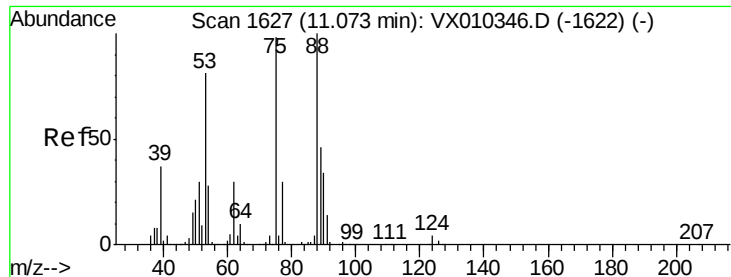
105 100

120 50.1 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): VX010486.D (-1649) (-)

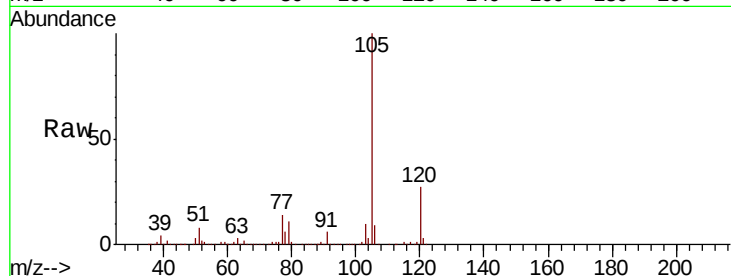




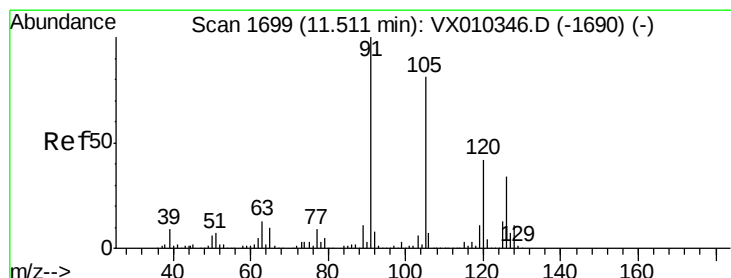
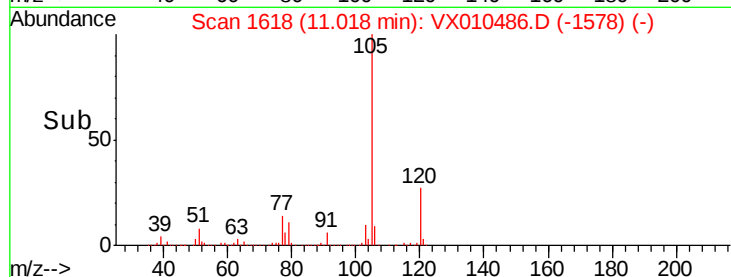
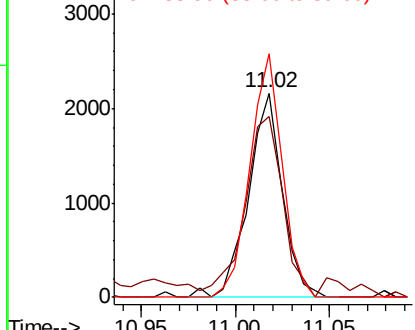
#81
trans-1,4-Dichloro-2-butene
Concen: 1.967 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.05 min
Lab File: VX010486.D
Acq: 27 Jun 2019 14:09

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 2709
Ion Ratio Lower Upper
75 100
53 99.1 66.1 99.1
89 113.2 37.8 56.6#

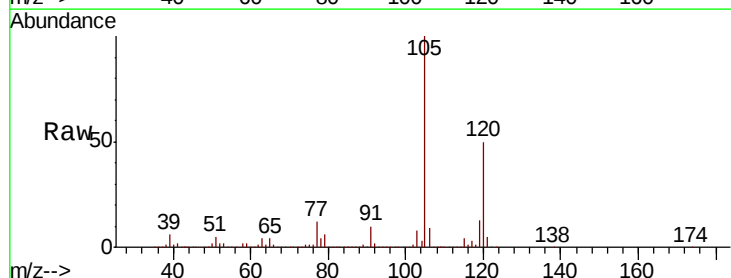


Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0

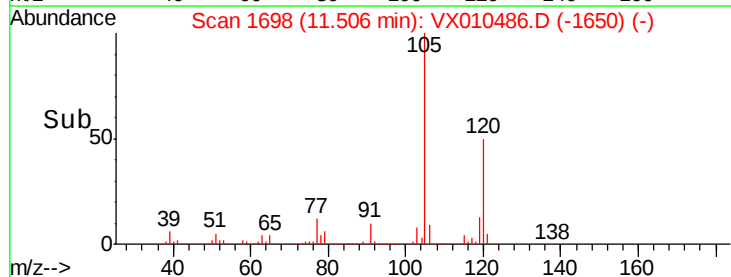
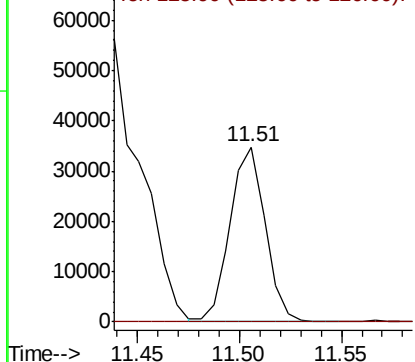


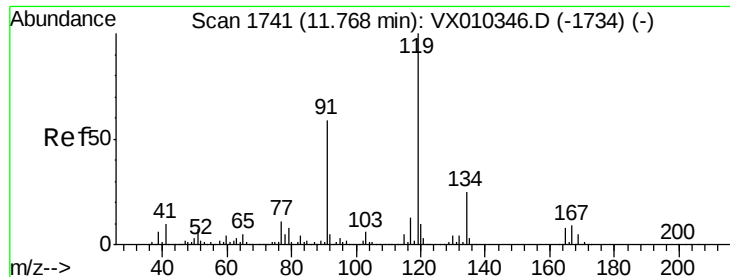
#82
4-Chlorotoluene
Concen: 4.641 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX010486.D
Acq: 27 Jun 2019 14:09

Tgt Ion: 91 Resp: 41316
Ion Ratio Lower Upper
91 100
126 0.1 16.2 48.6#



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 0.659 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX010486.D

Acq: 27 Jun 2019 14:09

Instrument :

MSVOA_X

ClientSampleId :

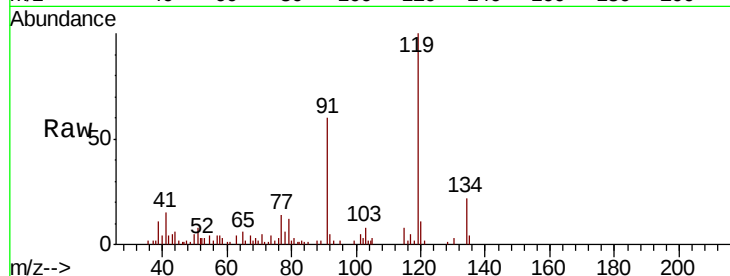
Tot Ion:119 Resp: 6514

Ion Ratio Lower Upper

119 100

91 65.4 27.6 82.7

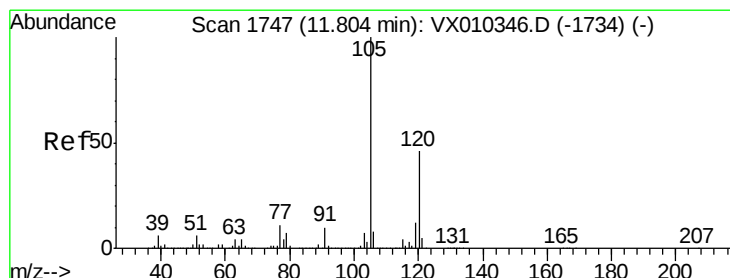
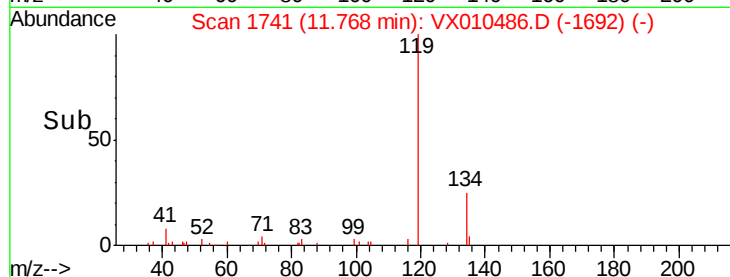
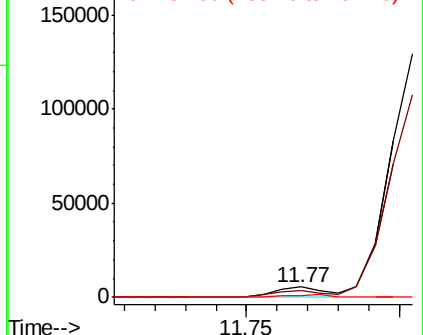
134 27.5 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 124.467 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010486.D

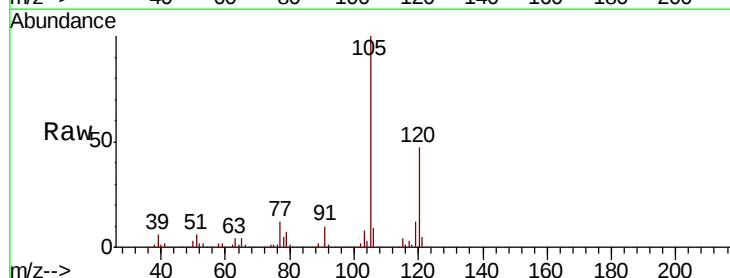
Acq: 27 Jun 2019 14:09

Tgt Ion:105 Resp: 1232303

Ion Ratio Lower Upper

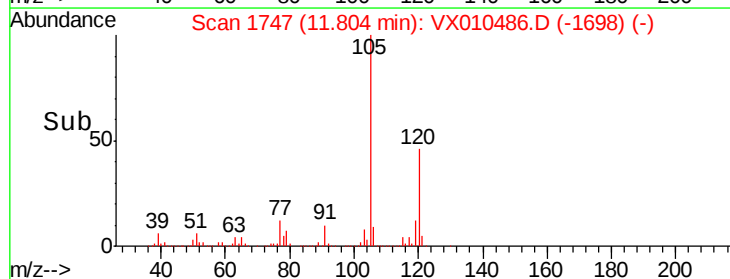
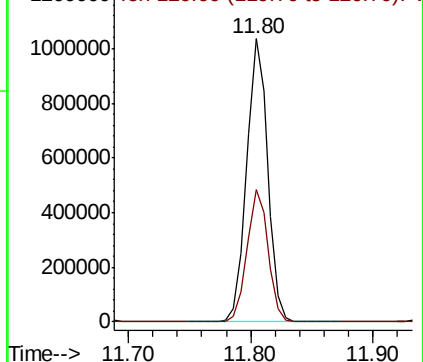
105 100

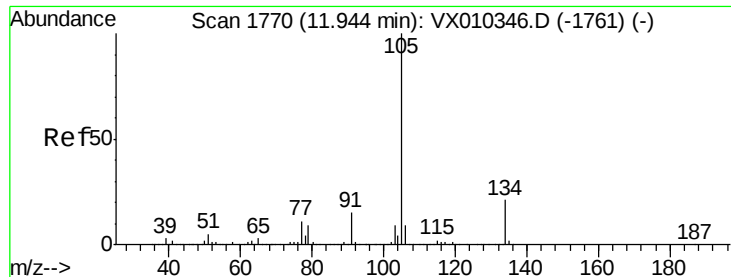
120 47.1 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 106.113 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.14 min

Lab File: VX010486.D

Acq: 27 Jun 2019 14:09

Instrument :

MSVOA_X

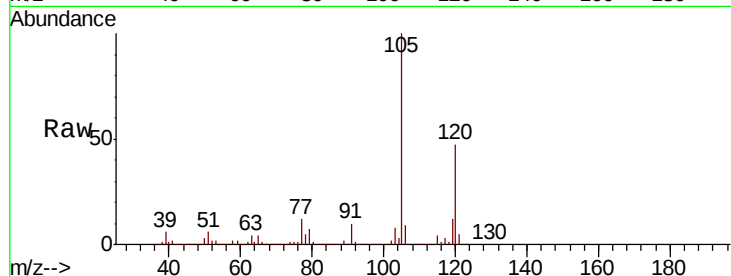
ClientSampled :

Tot Ion:105 Resp: 1232303

Ion Ratio Lower Upper

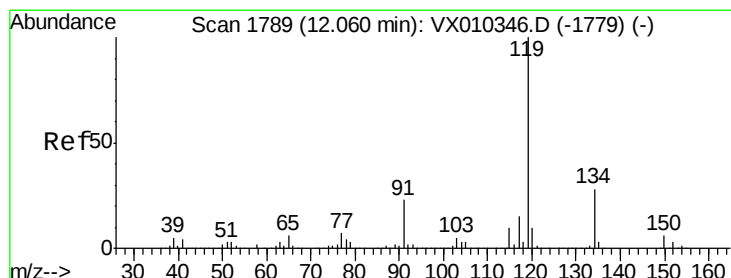
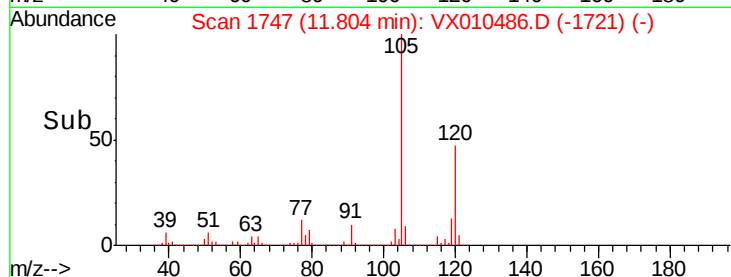
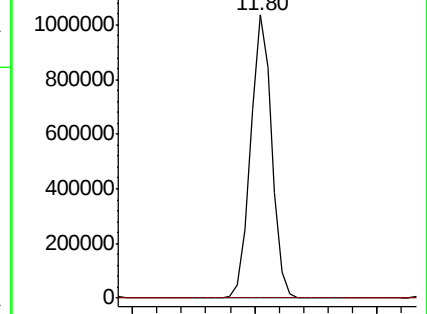
105 100

134 0.0 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: 5.782 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010486.D

Acq: 27 Jun 2019 14:09

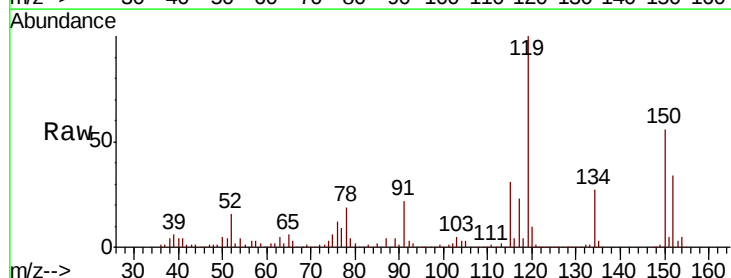
Tgt Ion:119 Resp: 62107

Ion Ratio Lower Upper

119 100

134 27.2 13.7 41.1

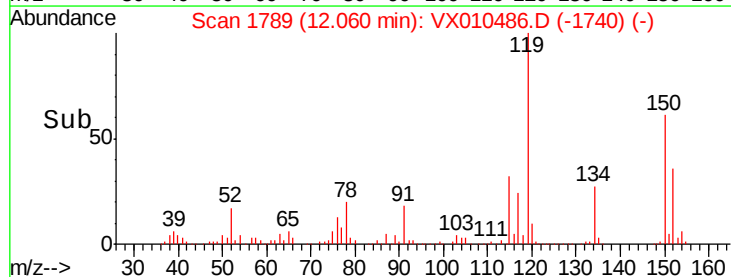
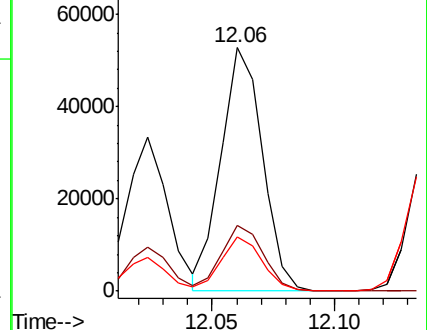
91 21.9 11.3 33.8

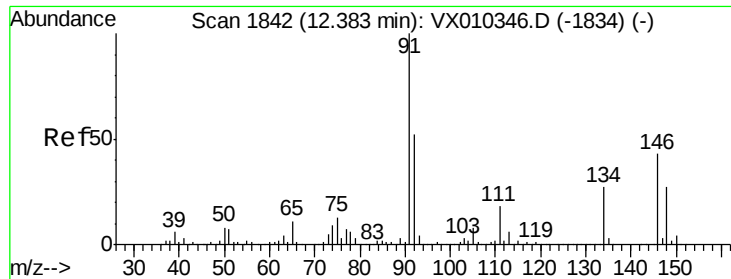


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

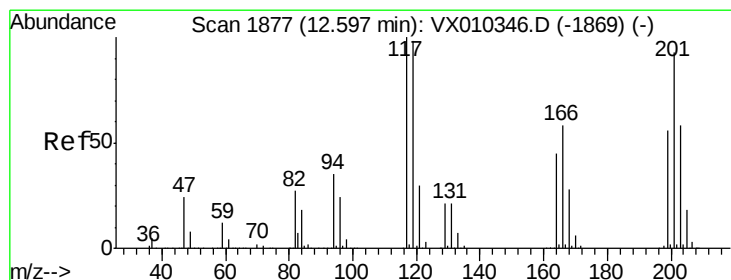
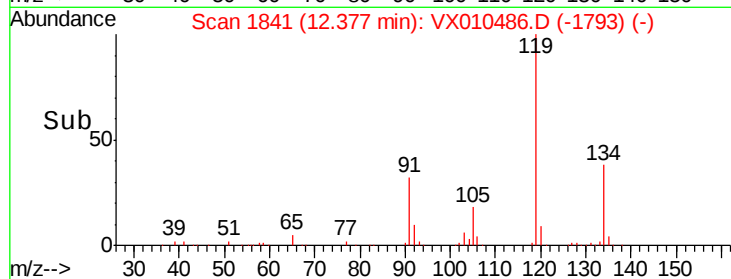
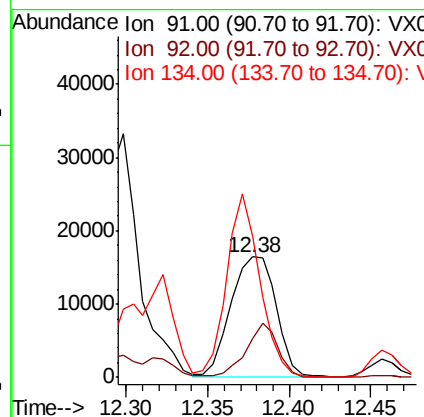
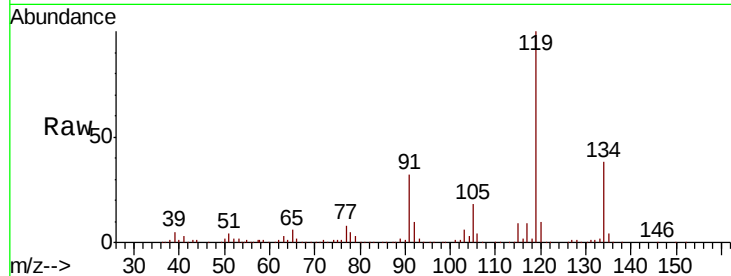




#89
n-Butylbenzene
Concen: 3.455 ug/l
RT: 12.38 min Scan# 1841
Delta R.T. -0.01 min
Lab File: VX010486.D
Acq: 27 Jun 2019 14:09

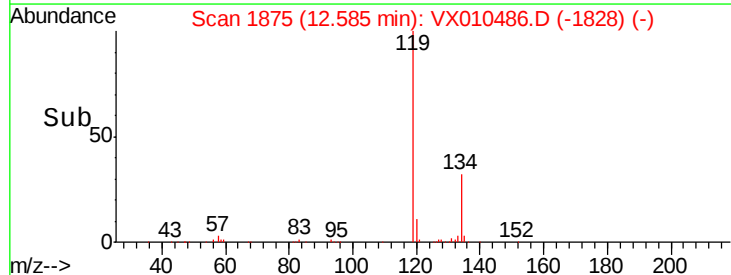
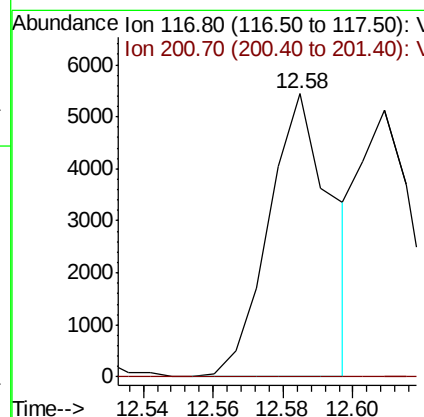
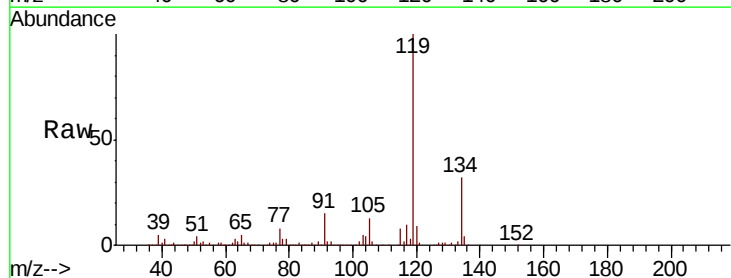
Instrument :
MSVOA_X
ClientSampled :

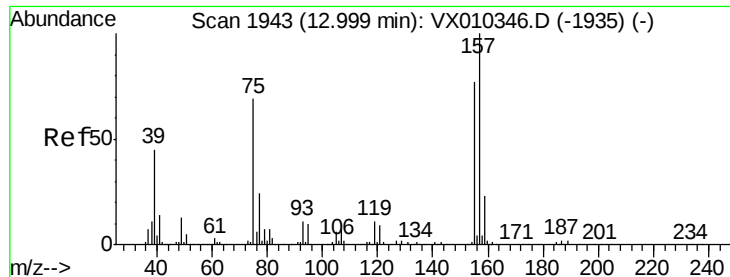
Tot Ion: 91 Resp: 31537
Ion Ratio Lower Upper
91 100
92 32.5 26.2 78.5
134 113.3 14.1 42.4#



#90
Hexachloroethane
Concen: 3.690 ug/l
RT: 12.58 min Scan# 1875
Delta R.T. -0.01 min
Lab File: VX010486.D
Acq: 27 Jun 2019 14:09

Tgt Ion: 117 Resp: 6853
Ion Ratio Lower Upper
117 100
201 0.0 44.0 131.8#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.983 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX010486.D

Acq: 27 Jun 2019 14:09

Instrument :

MSVOA_X

ClientSampleId :

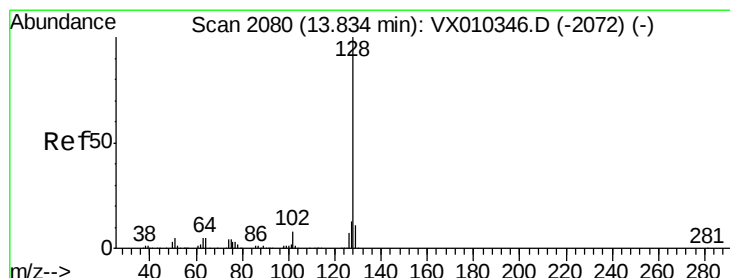
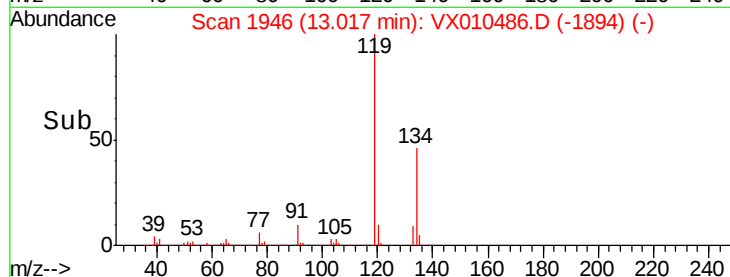
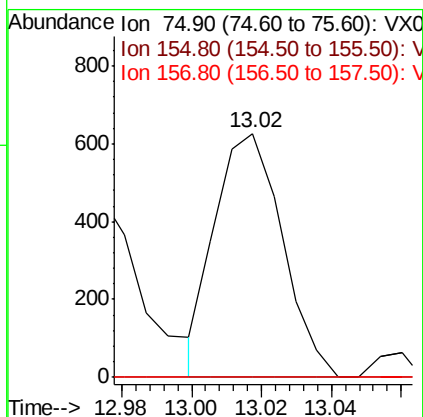
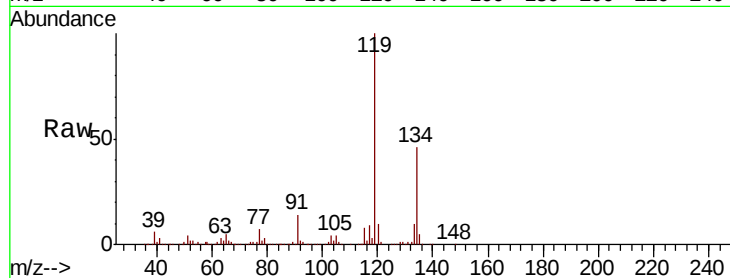
Tot Ion: 75 Resp: 839

Ion Ratio Lower Upper

75 100

155 0.0 54.4 163.1#

157 0.0 69.5 208.3#



#95

Naphthalene

Concen: 16.965 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010486.D

Acq: 27 Jun 2019 14:09

Tgt Ion:128 Resp: 209358

Ion Ratio Lower Upper

128 100

127 13.5 10.2 15.4

129 11.3 8.9 13.3

