

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071519\
 Data File : VX010877.D
 Acq On : 15 Jul 2019 12:22
 Operator : JC/SP
 Sample : K3780-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 390711763.1-VOA

Quant Time: Jul 16 01:57:15 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	233354	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	362741	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	332864	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	161257	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	122911	56.18	ug/l	0.00
Spiked Amount			Recovery	=	112.36%	
35) Dibromofluoromethane	5.50	113	114587	51.63	ug/l	0.00
Spiked Amount			Recovery	=	103.26%	
50) Toluene-d8	8.71	98	433650	51.07	ug/l	0.00
Spiked Amount			Recovery	=	102.14%	
62) 4-Bromofluorobenzene	11.13	95	156171	50.95	ug/l	0.00
Spiked Amount			Recovery	=	101.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	433	0.229	ug/l	99
4) Vinyl Chloride	1.40	62	451	0.218	ug/l #	87
5) Bromomethane	1.63	94	206	0.204	ug/l #	2
6) Chloroethane	1.73	64	319	0.261	ug/l #	57
8) Diethyl Ether	2.19	74	2792	2.374	ug/l	79
11) Tert butyl alcohol	3.04	59	1023092	1787.033	ug/l	98
13) Acrolein	2.31	56	94	0.248	ug/l #	1
14) Allyl chloride	2.71	41	7893	2.749	ug/l #	48
15) Acrylonitrile	3.12	53	305	0.269	ug/l #	23
16) Acetone	2.44	43	9846	8.979	ug/l	92
17) Carbon Disulfide	2.57	76	1267	0.233	ug/l #	85
18) Methyl Acetate	3.04	43	118845	54.381	ug/l #	48
19) Methyl tert-butyl Ether	3.20	73	9885	1.553	ug/l	97
25) 2-Butanone	4.69	43	37839	23.525	ug/l #	73
26) 2,2-Dichloropropane	4.70	77	58077	19.264	ug/l #	49
29) Tetrahydrofuran	5.12	42	236441	237.321	ug/l	97
31) Cyclohexane	5.65	56	4451	1.408	ug/l #	10
36) 1,1-Dichloropropene	5.66	75	15127	5.248	ug/l #	48
37) Ethyl Acetate	4.79	43	1603	0.541	ug/l #	70
38) Carbon Tetrachloride	5.66	117	21461	6.875	ug/l #	15
40) Benzene	6.13	78	5422	0.604	ug/l	96
41) Methacrylonitrile	5.12	41	132638	81.519	ug/l #	40
42) 1,2-Dichloroethane	6.19	62	1025	0.375	ug/l	76
43) Isopropyl Acetate	6.45	43	1250	0.255	ug/l #	66
49) 1,4-Dioxane	7.74	88	2842	43.260	ug/l #	84
51) 4-Methyl-2-Pentanone	8.64	43	5909	1.883	ug/l #	79
55) 1,1,2-Trichloroethane	9.14	97	704	0.289	ug/l #	22
59) 2-Hexanone	9.62	43	1181	0.478	ug/l	90
68) m/p-Xylenes	10.35	106	7904	1.788	ug/l	99
69) o-Xylene	10.69	106	8108	1.865	ug/l	97
73) Isopropylbenzene	11.02	105	2262	0.207	ug/l	94
76) 1,2,3-Trichloropropane	11.13	75	76500	26.033	ug/l #	33
80) 1,3,5-Trimethylbenzene	11.51	105	3547	0.394	ug/l	93
81) trans-1,4-Dichloro-2-buten	11.13	75	76500	60.733	ug/l #	16

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Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

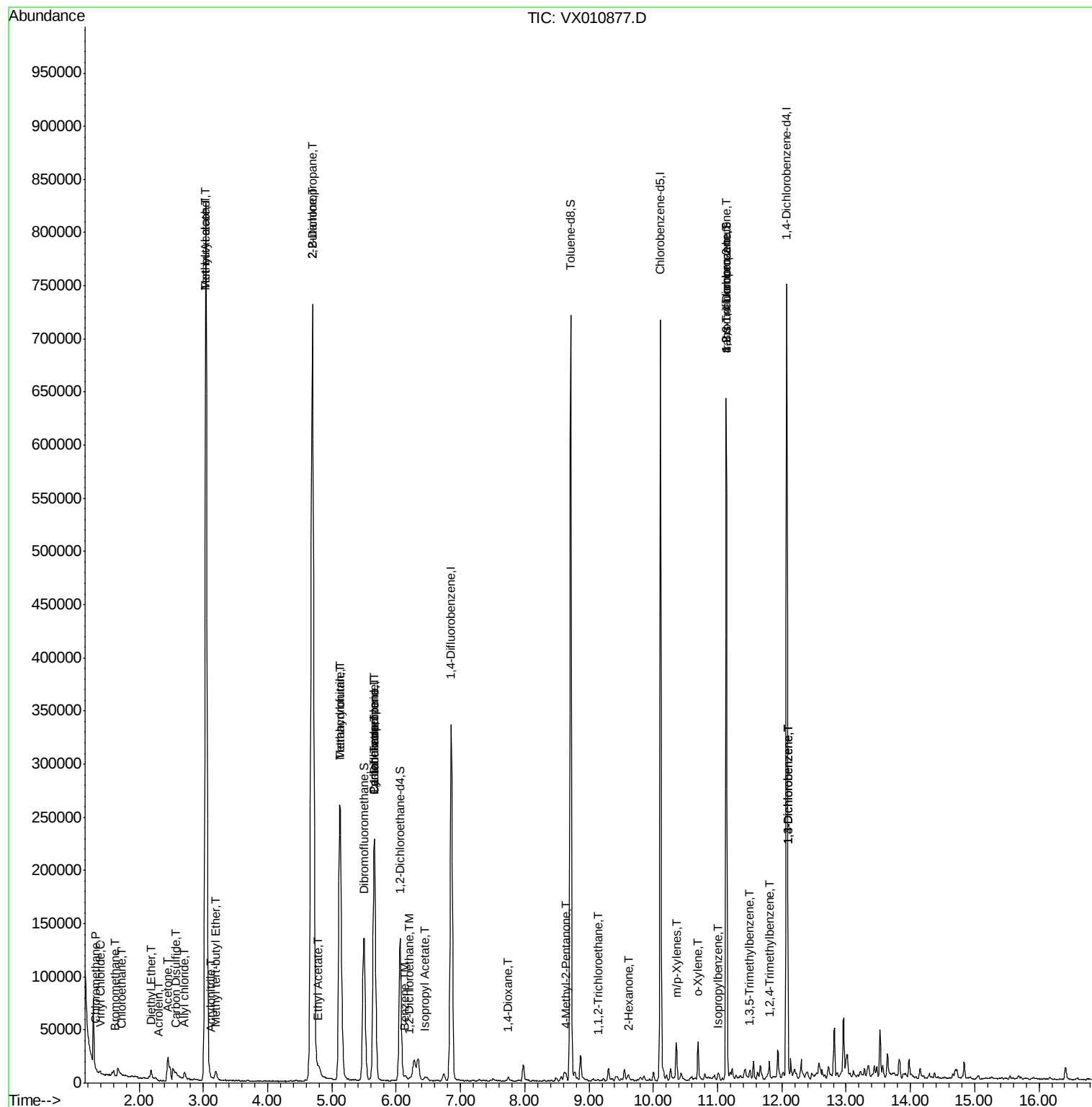
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	11.80	105	5912	0.653	ug/l	90
87) 1,3-Dichlorobenzene	12.10	146	13185	2.475	ug/l	87
88) 1,4-Dichlorobenzene	12.10	146	13185	2.431	ug/l	85

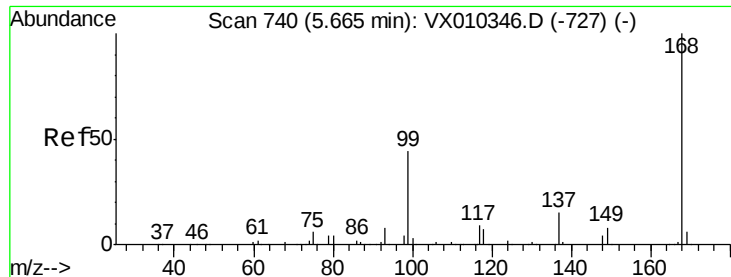
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX010877.D

Acq: 15 Jul 2019 12:22

Instrument :

MSVOA_X

ClientSampleId :

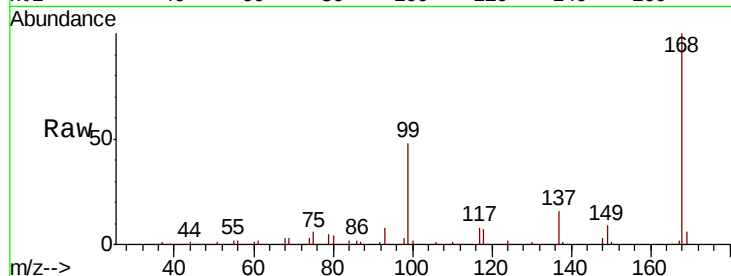
390711763.1-VOA

Tot Ion:168 Resp: 233354

Ion Ratio Lower Upper

168 100

99 47.9 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

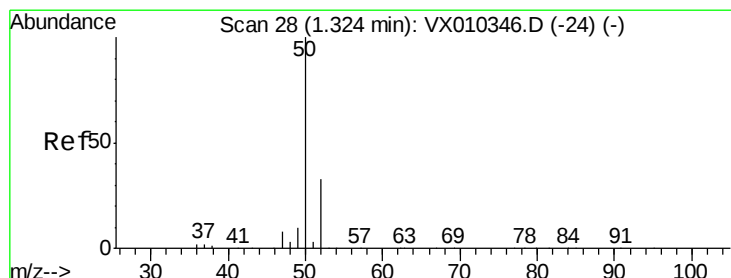
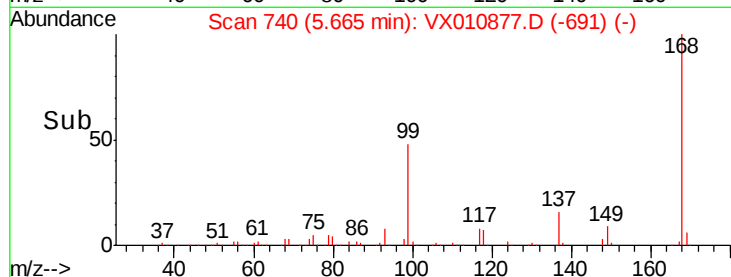
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.229 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010877.D

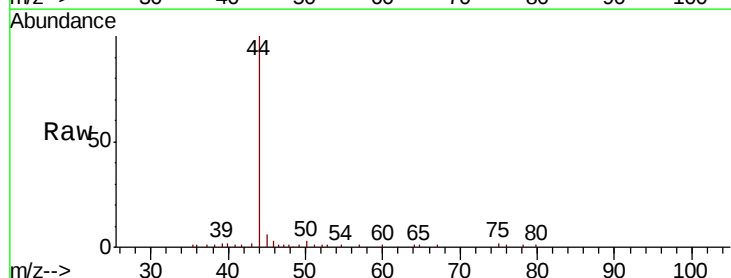
Acq: 15 Jul 2019 12:22

Tgt Ion: 50 Resp: 433

Ion Ratio Lower Upper

50 100

52 33.6 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

300

250

200

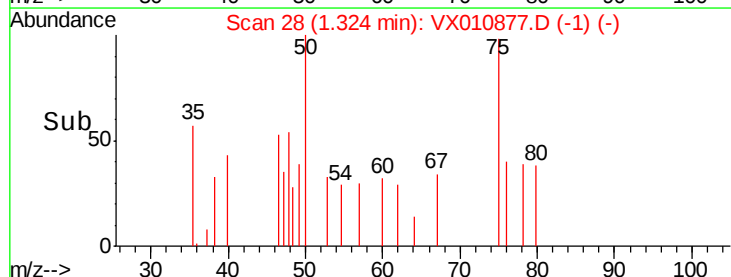
150

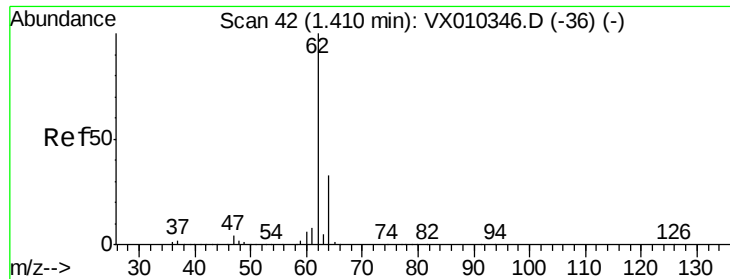
100

50

0

Time--> 1.30 1.35





#4

Vinyl Chloride

Concen: 0.218 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX010877.D

Acq: 15 Jul 2019 12:22

Instrument :

MSVOA_X

ClientSampleId :

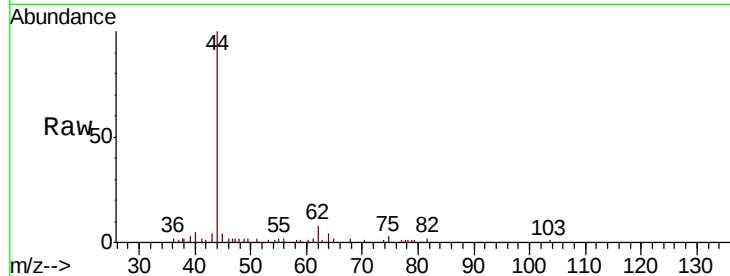
390711763.1-VOA

Tot Ion: 62 Resp: 451

Ion Ratio Lower Upper

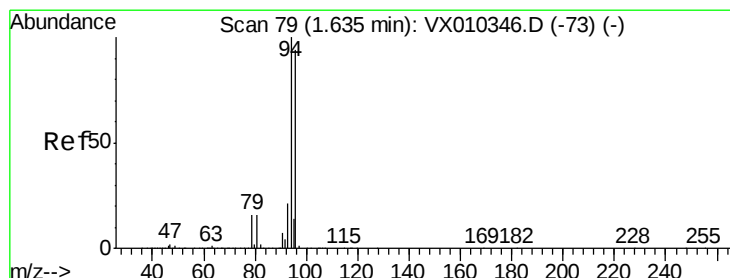
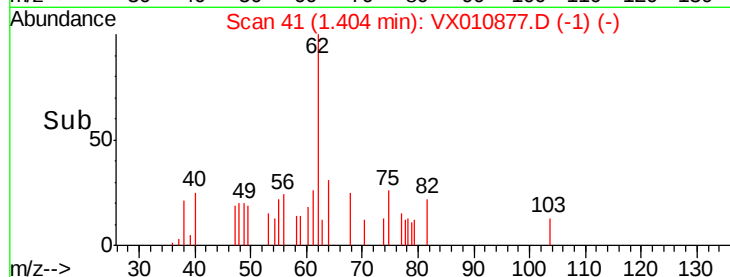
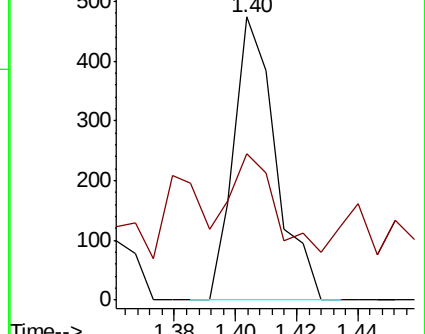
62 100

64 25.4 26.2 39.4#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



#5

Bromomethane

Concen: 0.204 ug/l

RT: 1.63 min Scan# 78

Delta R.T. -0.01 min

Lab File: VX010877.D

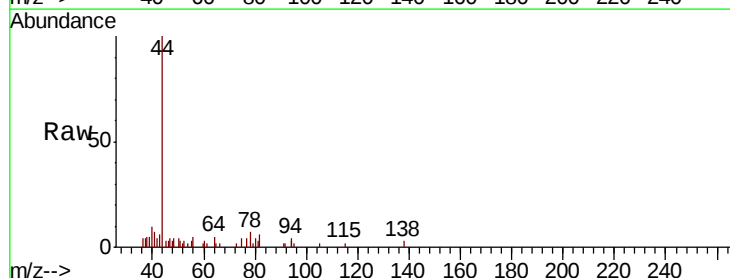
Acq: 15 Jul 2019 12:22

Tgt Ion: 94 Resp: 206

Ion Ratio Lower Upper

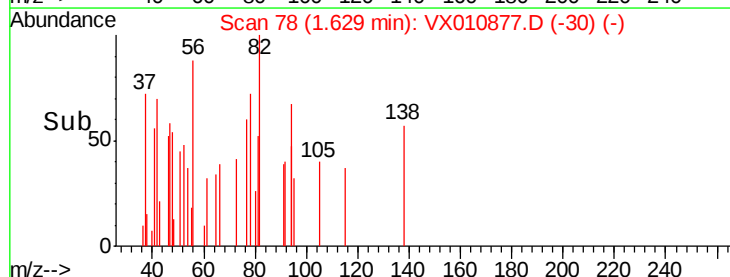
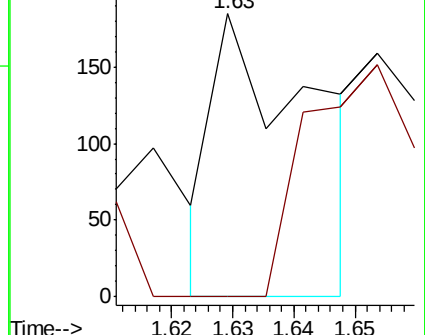
94 100

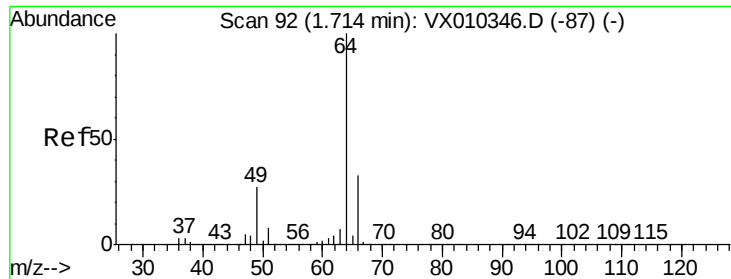
96 0.0 75.5 113.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 0.261 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX010877.D

Acq: 15 Jul 2019 12:22

Instrument :

MSVOA_X

ClientSampleId :

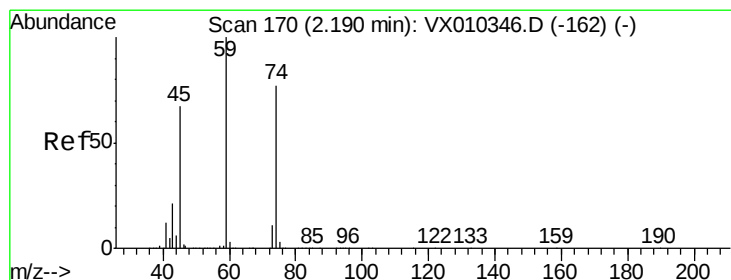
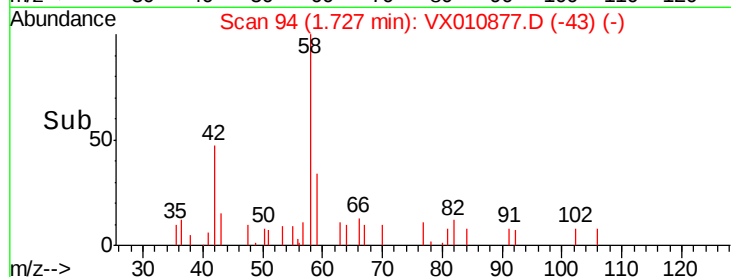
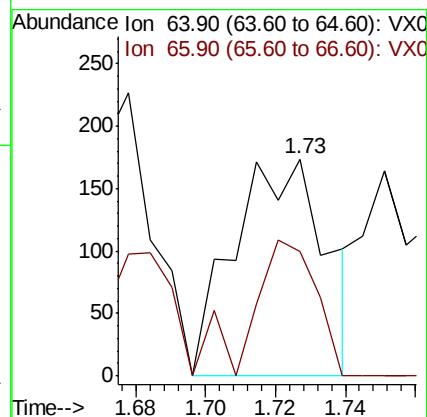
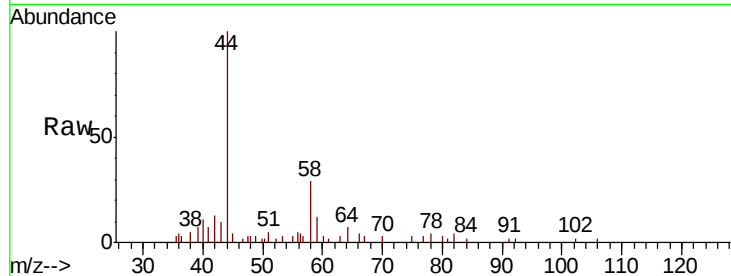
390711763.1-VOA

Tot Ion: 64 Resp: 319

Ion Ratio Lower Upper

64 100

66 57.5 26.6 40.0#



#8

Diethyl Ether

Concen: 2.374 ug/l

RT: 2.19 min Scan# 170

Delta R.T. 0.00 min

Lab File: VX010877.D

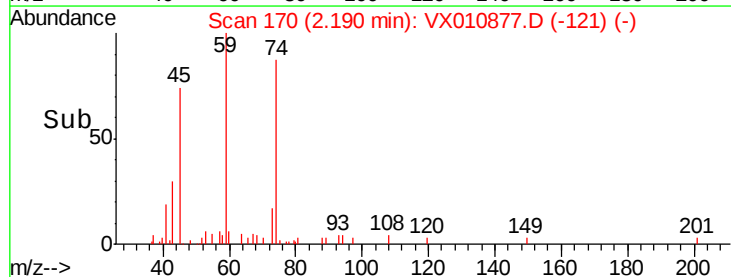
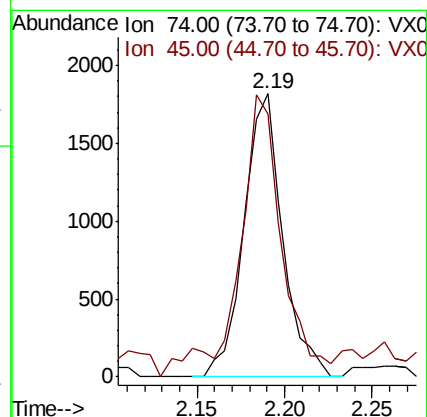
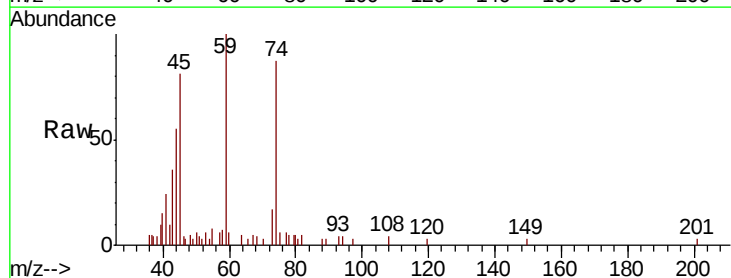
Acq: 15 Jul 2019 12:22

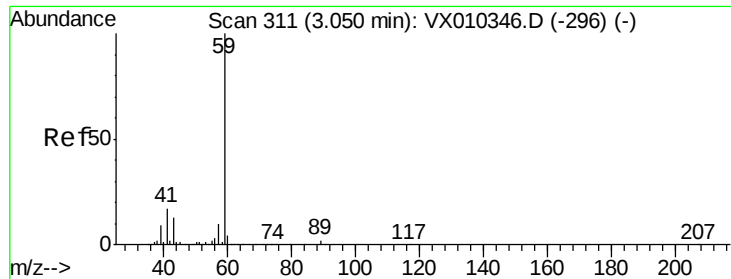
Tgt Ion: 74 Resp: 2792

Ion Ratio Lower Upper

74 100

45 109.2 44.8 134.4





#11

Tert butyl alcohol
 Concen: 1787.033 ug/l
 RT: 3.04 min Scan# 309
 Delta R.T. -0.01 min
 Lab File: VX010877.D
 Acq: 15 Jul 2019 12:22

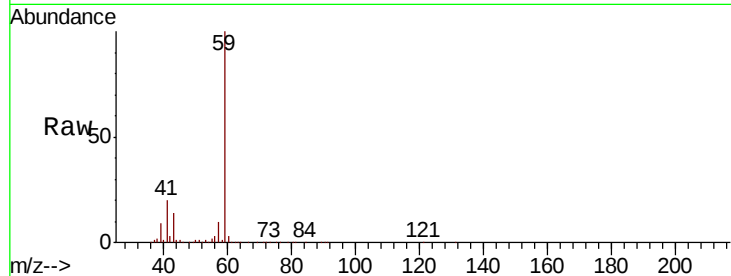
Instrument :
 MSVOA_X
 ClientSampleId :
 390711763.1-VOA

Tot Ion: 59 Resp: 1023092

Ion Ratio Lower Upper

59 100

57 10.3 7.7 11.5



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.04

500000

400000

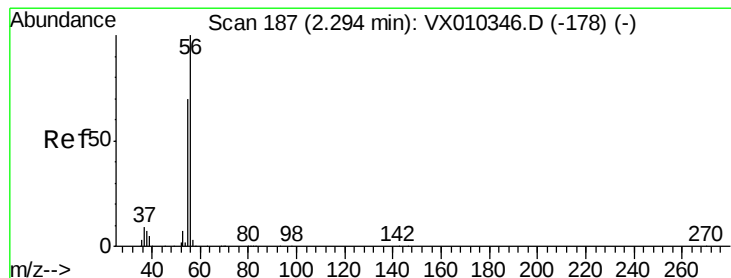
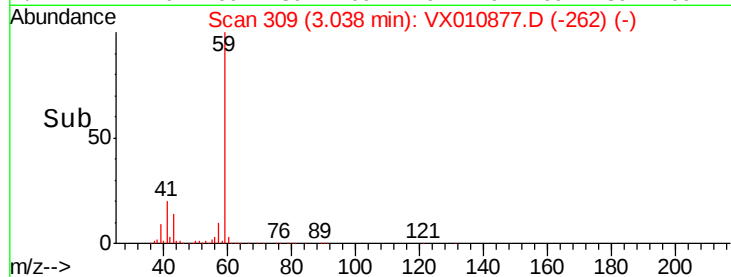
300000

200000

100000

0

Time-->



#13

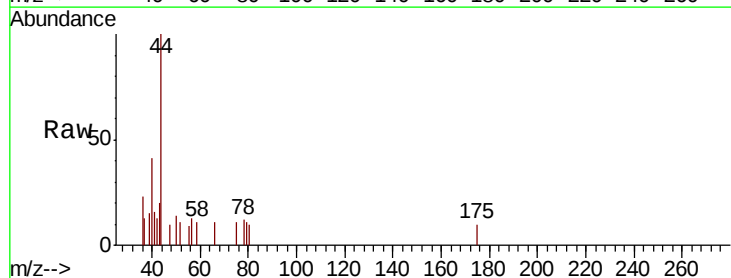
Acrolein
 Concen: 0.248 ug/l
 RT: 2.31 min Scan# 190
 Delta R.T. 0.02 min
 Lab File: VX010877.D
 Acq: 15 Jul 2019 12:22

Tgt Ion: 56 Resp: 94

Ion Ratio Lower Upper

56 100

55 166.0 56.9 85.3#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

200

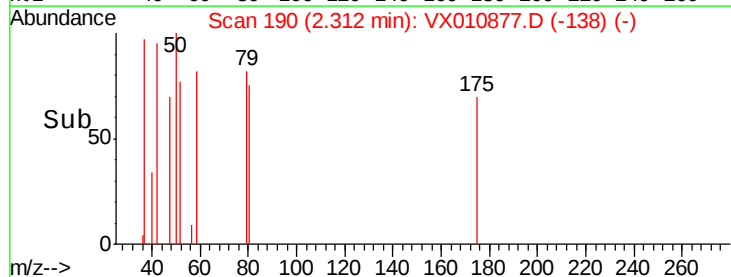
150

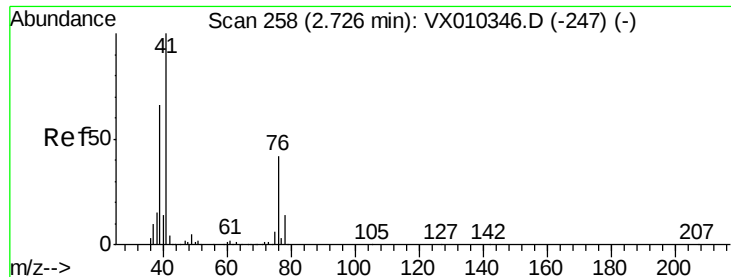
100

50

0

Time-->





#14

Allvl chloride

Concen: 2.749 ug/l

RT: 2.71 min Scan# 255

Delta R.T. -0.02 min

Lab File: VX010877.D

Acq: 15 Jul 2019 12:22

Instrument :

MSVOA_X

ClientSampleId :

390711763.1-VOA

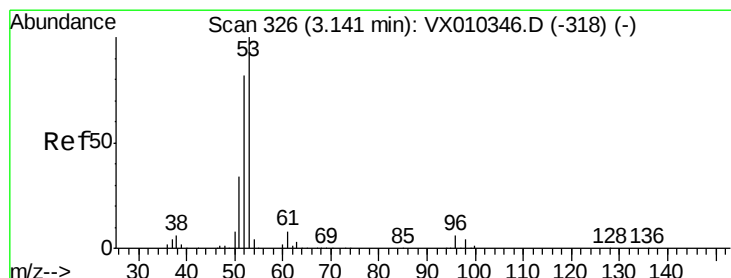
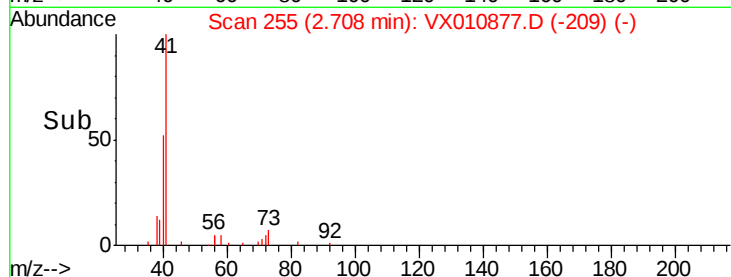
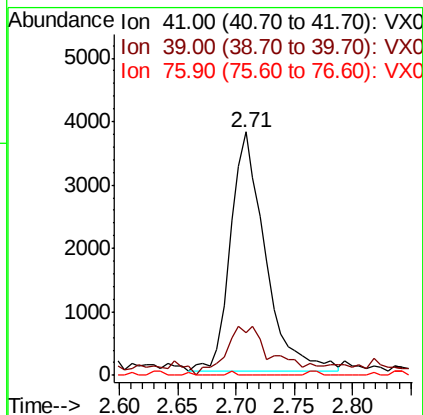
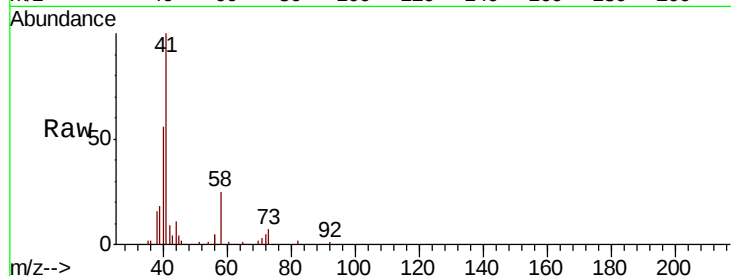
Tot Ion: 41 Resp: 7893

Ion Ratio Lower Upper

41 100

39 28.4 50.3 75.5#

76 0.0 31.3 46.9#



#15

Acrylonitrile

Concen: 0.269 ug/l

RT: 3.12 min Scan# 323

Delta R.T. -0.02 min

Lab File: VX010877.D

Acq: 15 Jul 2019 12:22

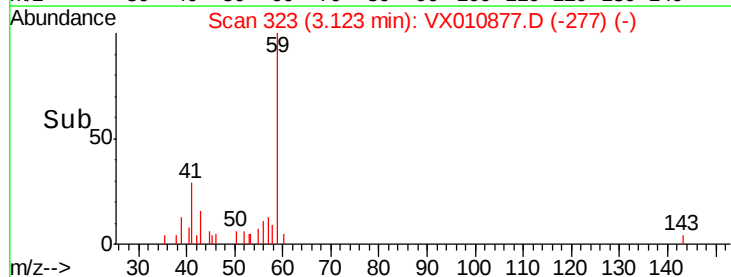
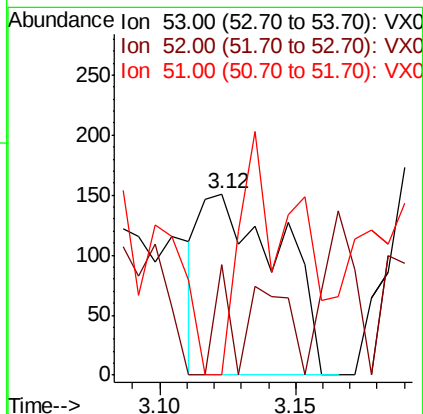
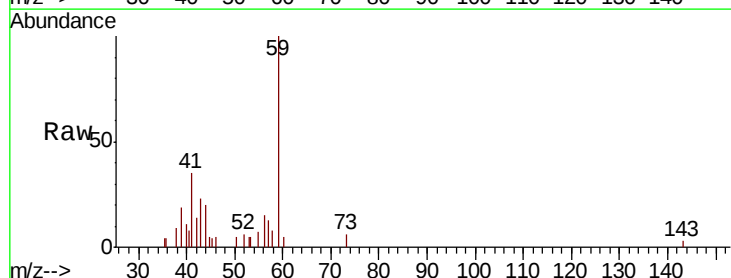
Tgt Ion: 53 Resp: 305

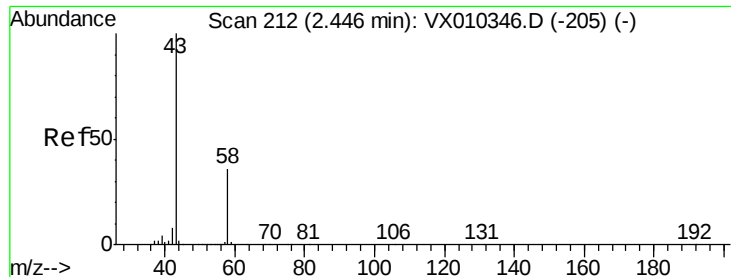
Ion Ratio Lower Upper

53 100

52 24.6 65.5 98.3#

51 98.4 28.2 42.4#





#16

Acetone

Concen: 8.979 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010877.D

Acq: 15 Jul 2019 12:22

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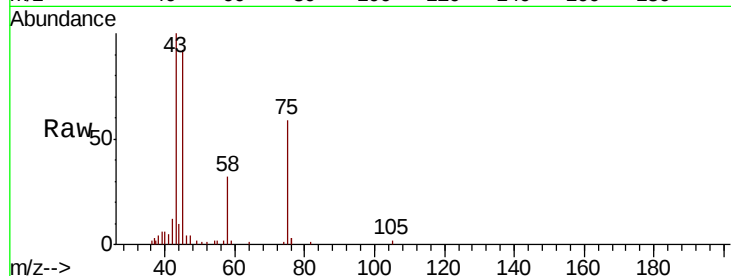
390711763.1-VOA

Tot Ion: 43 Resp: 9846

Ion Ratio Lower Upper

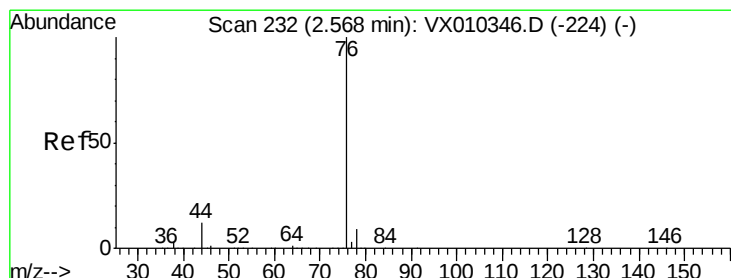
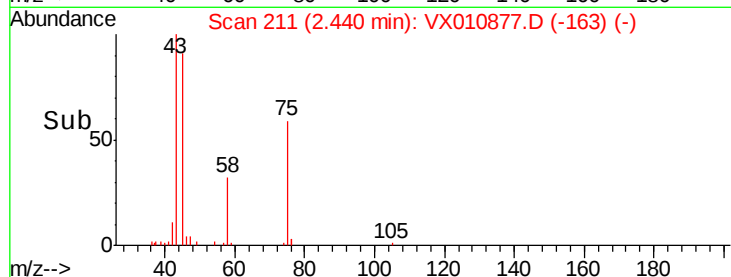
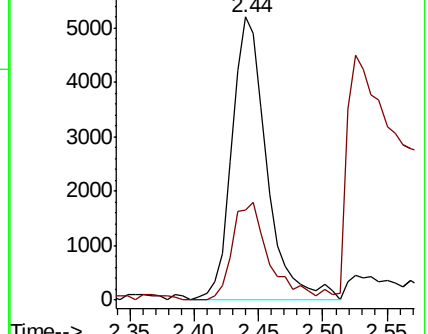
43 100

58 31.6 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 0.233 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX010877.D

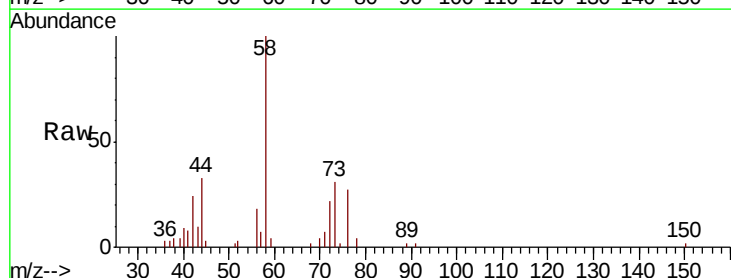
Acq: 15 Jul 2019 12:22

Tgt Ion: 76 Resp: 1267

Ion Ratio Lower Upper

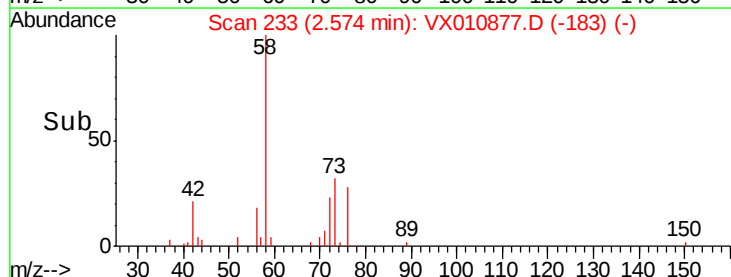
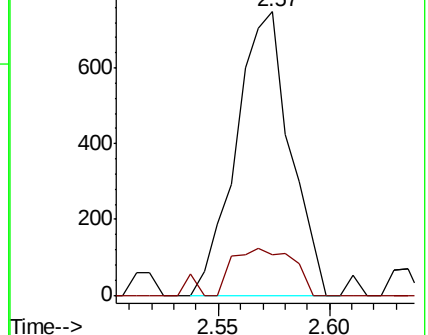
76 100

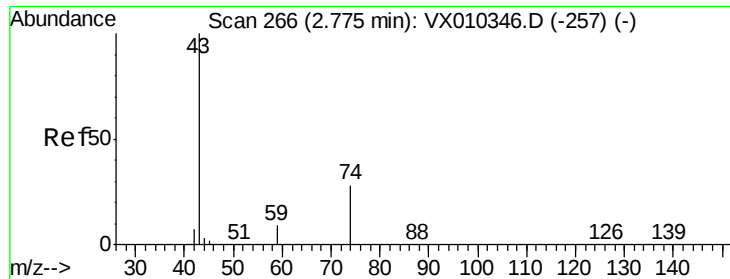
78 14.4 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

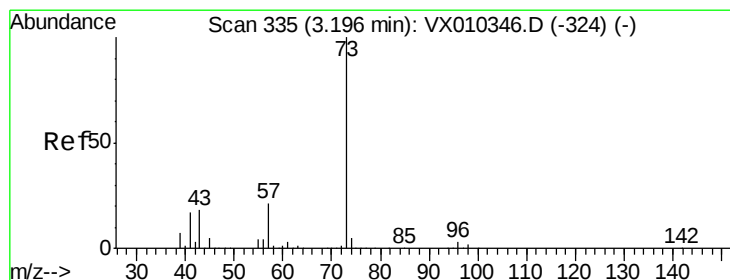
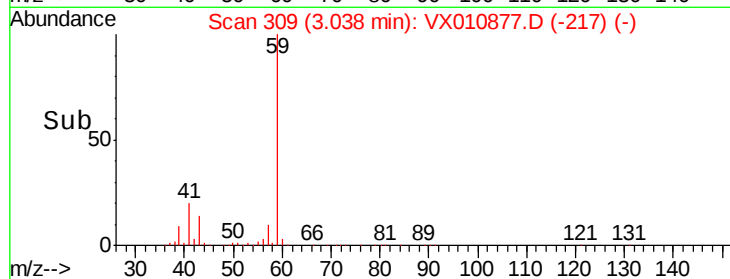
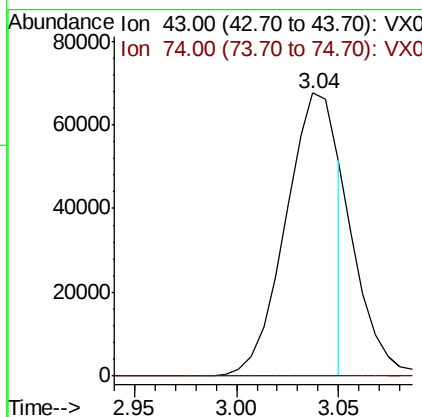
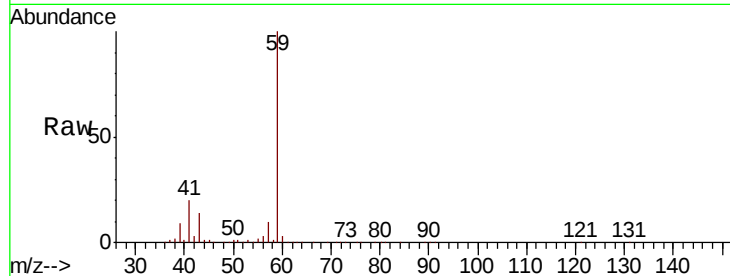




#18
Methyl Acetate
Concen: 54.381 ug/l
RT: 3.04 min Scan# 309
Delta R.T. 0.26 min
Lab File: VX010877.D
Acq: 15 Jul 2019 12:22

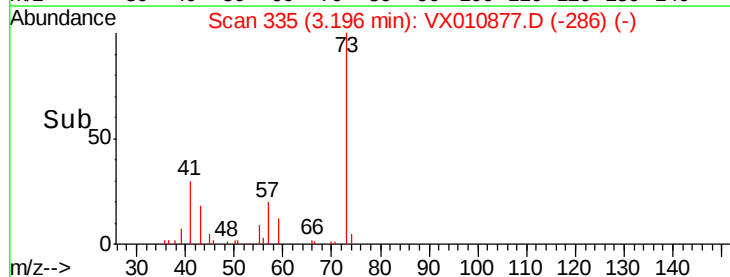
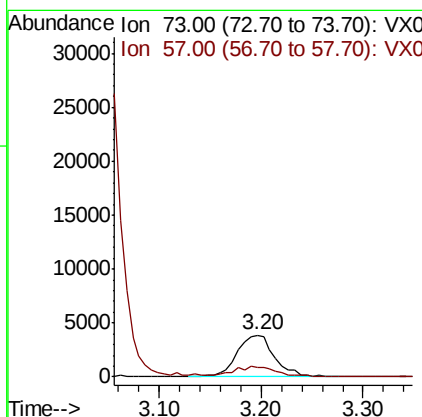
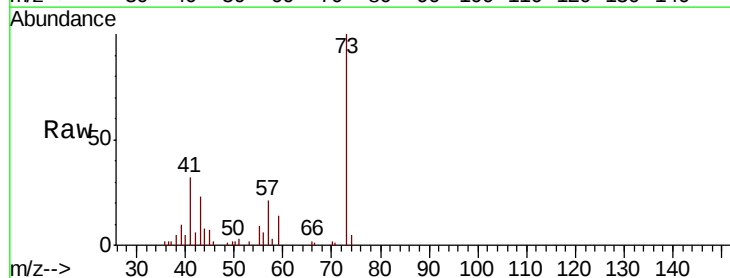
Instrument :
MSVOA_X
ClientSampleId :
390711763.1-VOA

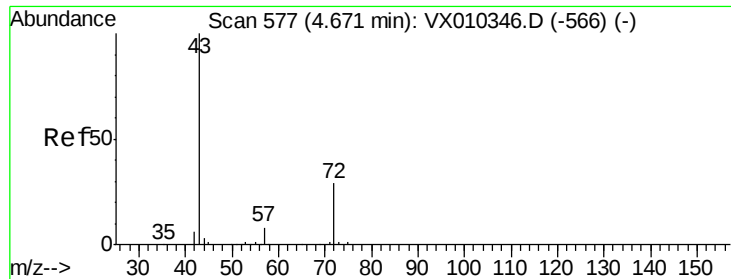
Tot Ion: 43 Resp: 118845
Ion Ratio Lower Upper
43 100
74 0.0 21.3 31.9#



#19
Methyl tert-butyl Ether
Concen: 1.553 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010877.D
Acq: 15 Jul 2019 12:22

Tgt Ion: 73 Resp: 9885
Ion Ratio Lower Upper
73 100
57 19.2 16.4 24.6





#25

2-Butanone

Concen: 23.525 ug/l

RT: 4.69 min Scan# 580

Delta R.T. 0.02 min

Lab File: VX010877.D

Acq: 15 Jul 2019 12:22

Instrument :

MSVOA_X

ClientSampleId :

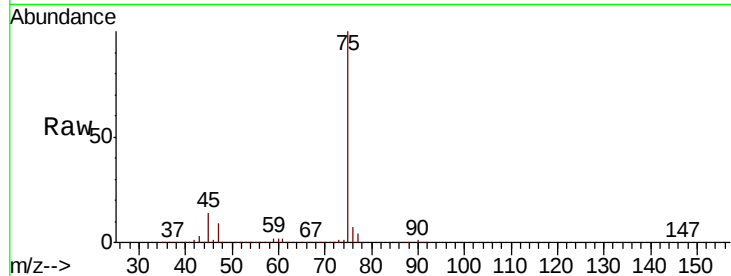
390711763.1-VOA

Tot Ion: 43 Resp: 37839

Ion Ratio Lower Upper

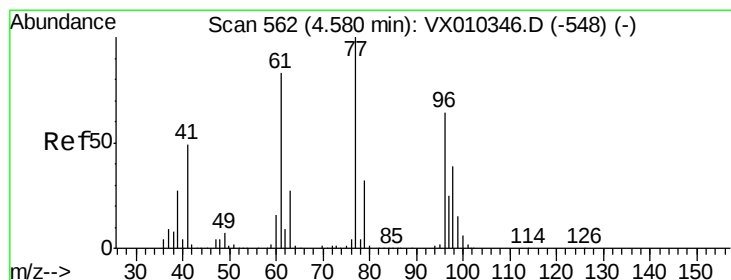
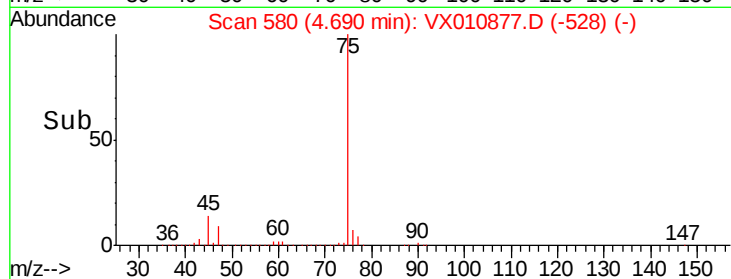
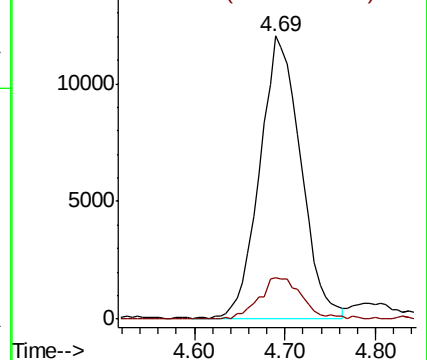
43 100

72 14.8 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: 19.264 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.12 min

Lab File: VX010877.D

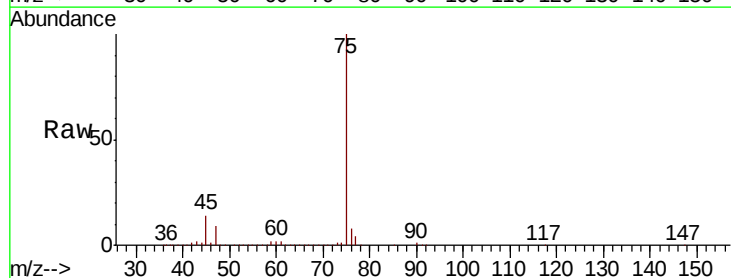
Acq: 15 Jul 2019 12:22

Tgt Ion: 77 Resp: 58077

Ion Ratio Lower Upper

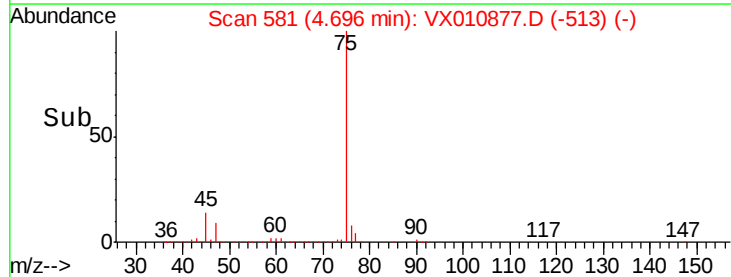
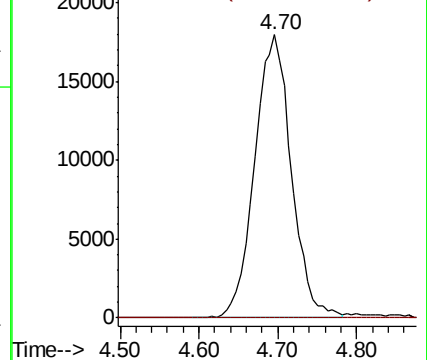
77 100

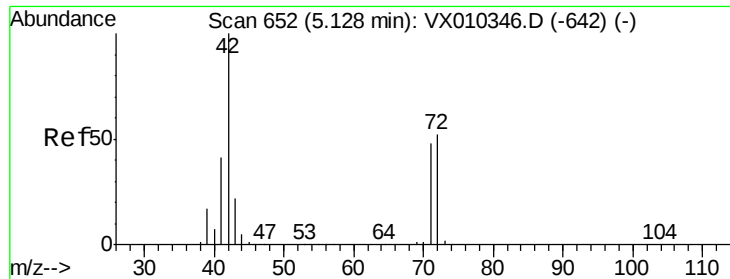
97 0.0 13.1 39.3#



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

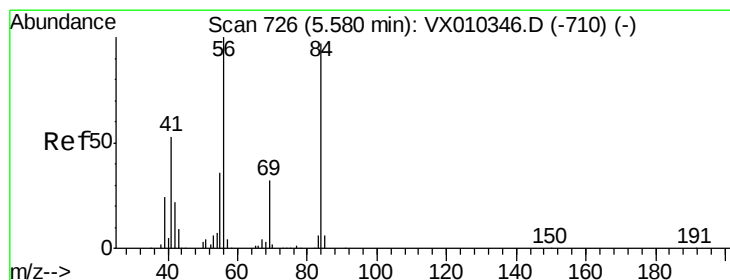
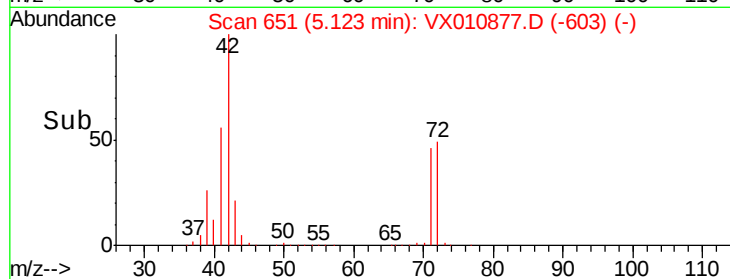
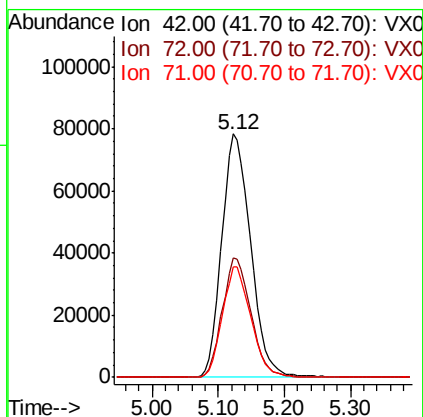
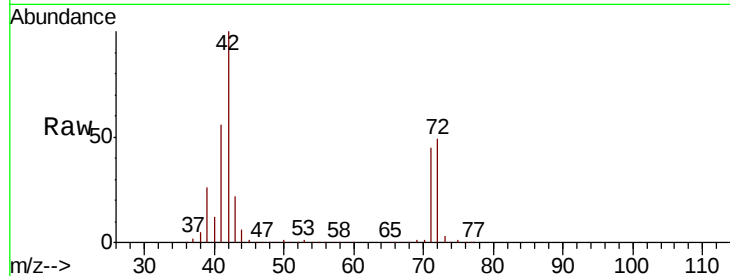




#29
Tetrahydrofuran
Concen: 237.321 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX010877.D
Acq: 15 Jul 2019 12:22

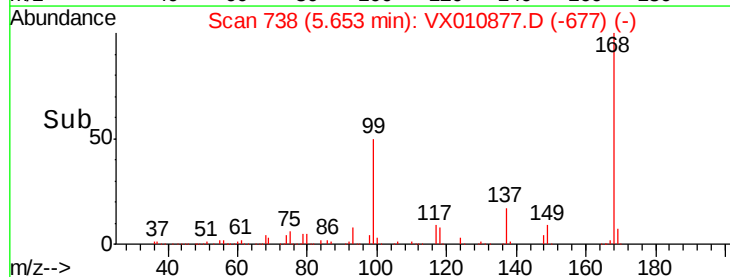
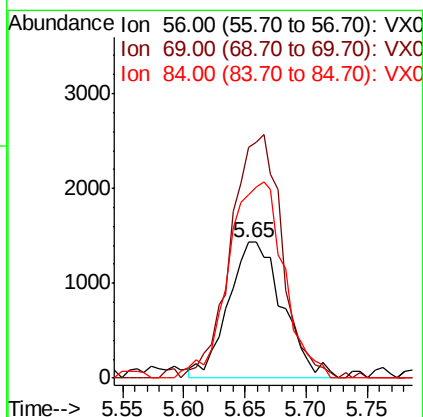
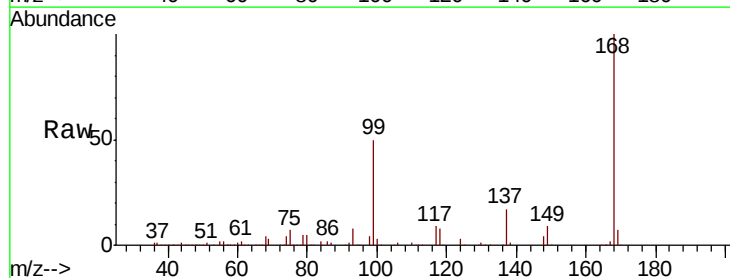
Instrument :
MSVOA_X
ClientSampleId :
390711763.1-VOA

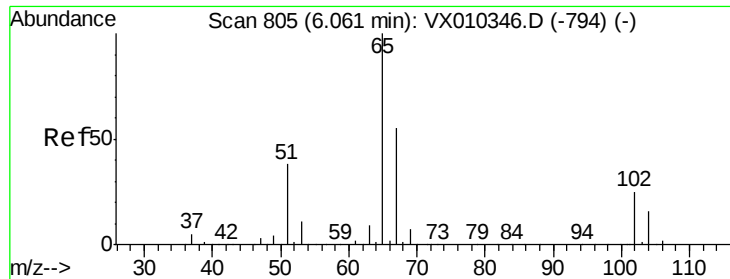
Tot Ion	Ratio	Lower	Upper
42	100		
72	48.6	40.6	60.8
71	45.0	37.8	56.8



#31
Cyclohexane
Concen: 1.408 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.07 min
Lab File: VX010877.D
Acq: 15 Jul 2019 12:22

Tgt Ion	Ratio	Lower	Upper
56	100		
69	170.7	25.9	38.9#
84	135.2	78.0	117.0#





#33

1,2-Dichloroethane-d4

Concen: 56.177 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010877.D

Acq: 15 Jul 2019 12:22

Instrument :

MSVOA_X

ClientSampleId :

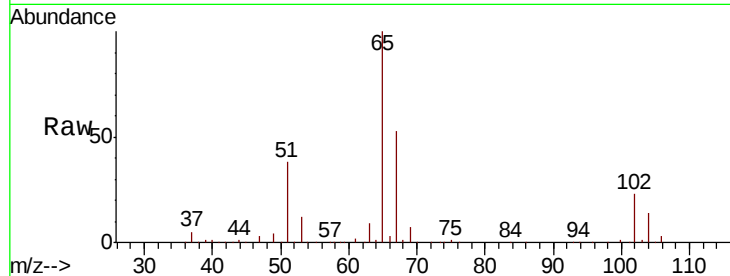
390711763.1-VOA

Tot Ion: 65 Resp: 122911

Ion Ratio Lower Upper

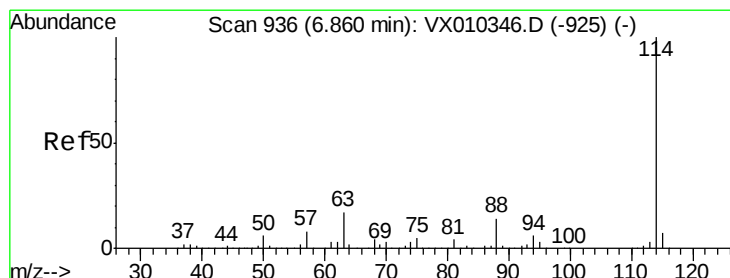
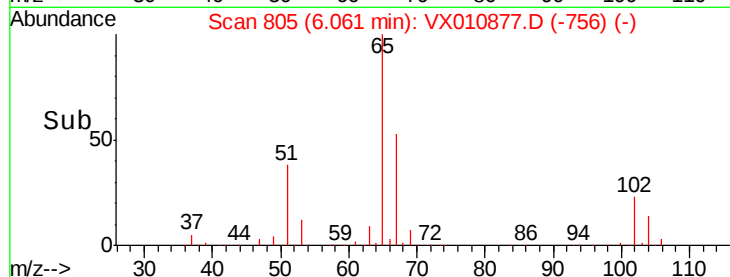
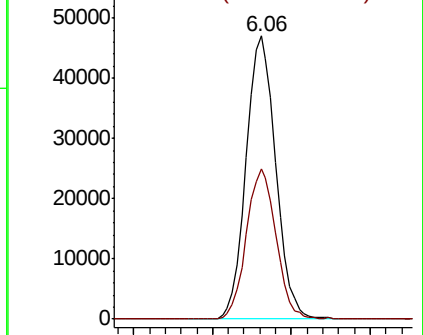
65 100

67 53.4 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: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX010877.D

Acq: 15 Jul 2019 12:22

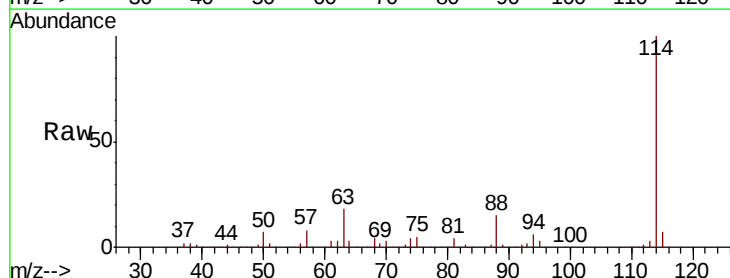
Tgt Ion: 114 Resp: 362741

Ion Ratio Lower Upper

114 100

63 18.4 0.0 33.8

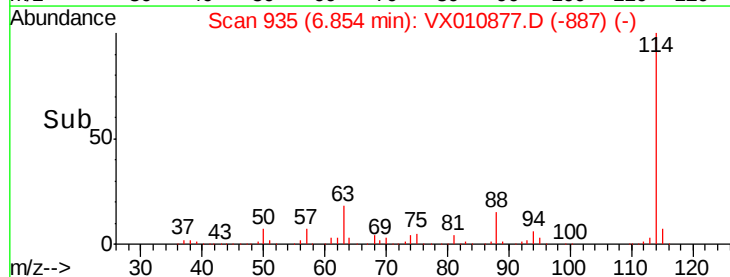
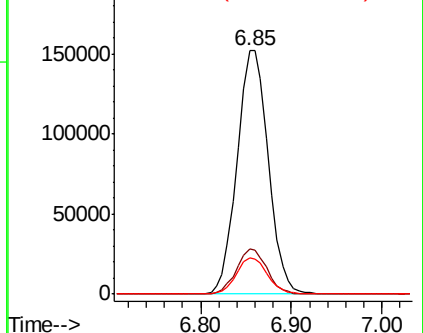
88 14.6 0.0 27.6

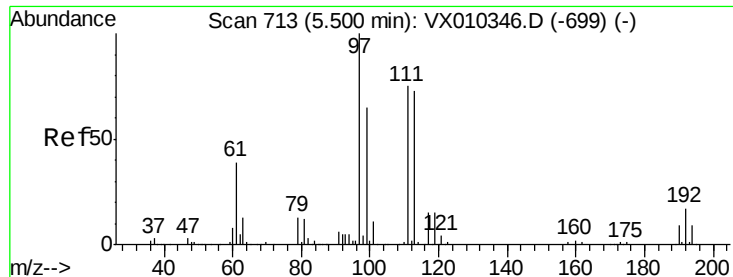


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

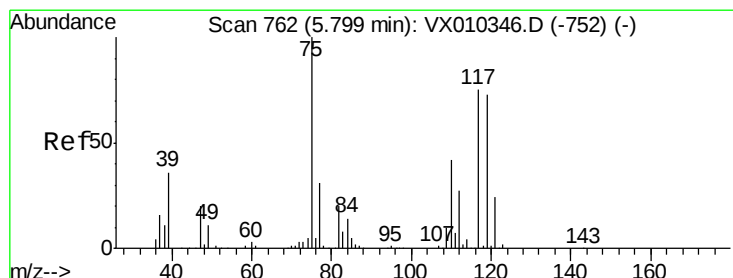
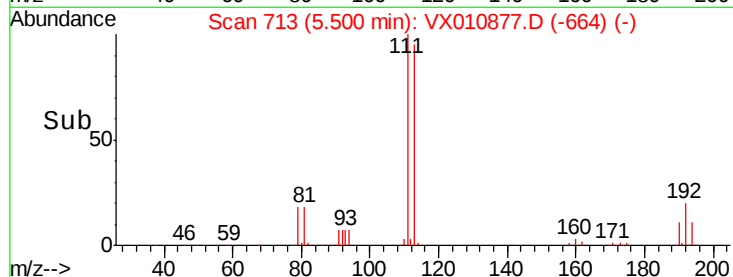
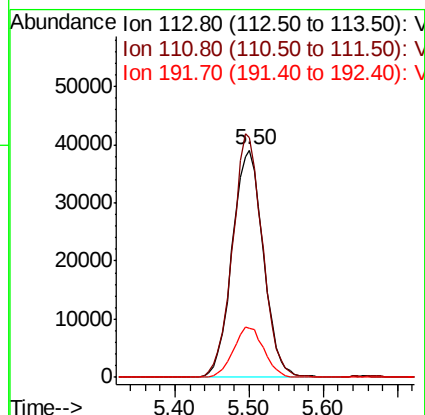
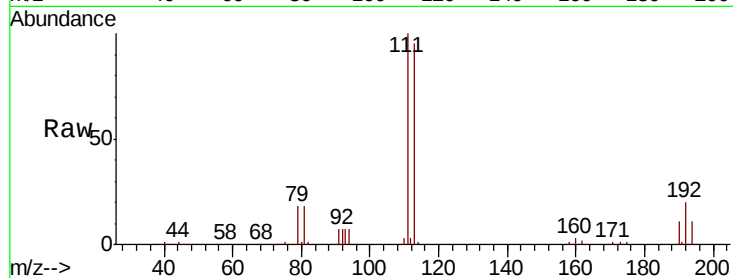




#35
 Dibromofluoromethane
 Concen: 51.630 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010877.D
 Acq: 15 Jul 2019 12:22

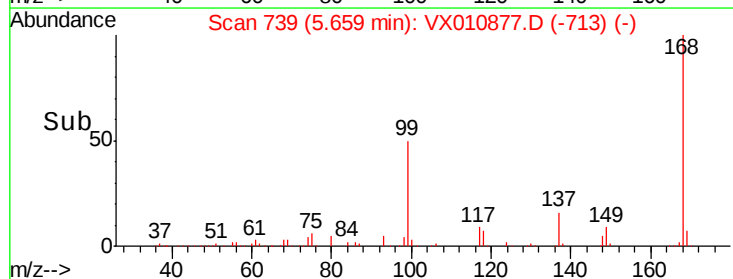
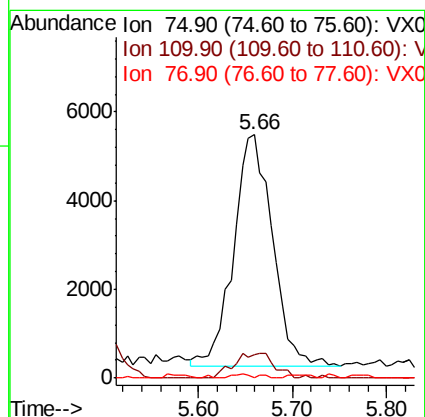
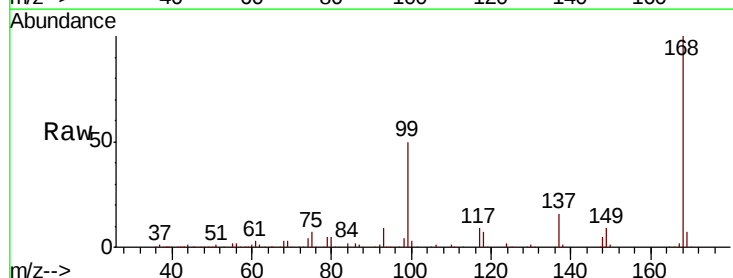
Instrument :
 MSVOA_X
 ClientSampleId :
 390711763.1-VOA

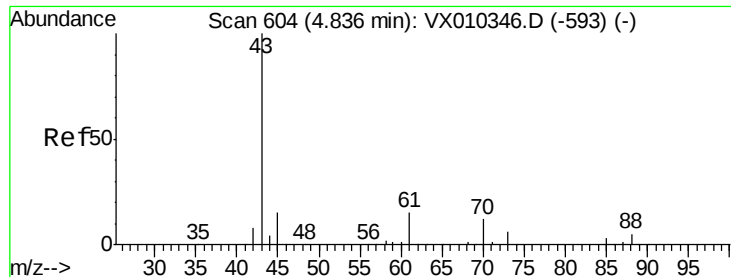
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.2	121.8
192	21.7	18.6	27.8



#36
 1,1-Dichloropropene
 Concen: 5.248 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX010877.D
 Acq: 15 Jul 2019 12:22

Tgt Ion	Ratio	Lower	Upper
75	100		
110	11.0	20.8	62.2#
77	0.3	25.4	38.0#





#37

Ethyl Acetate

Concen: 0.541 ug/l

RT: 4.79 min Scan# 596

Delta R.T. -0.05 min

Lab File: VX010877.D

Acq: 15 Jul 2019 12:22

Instrument :

MSVOA_X

ClientSampleId :

390711763.1-VOA

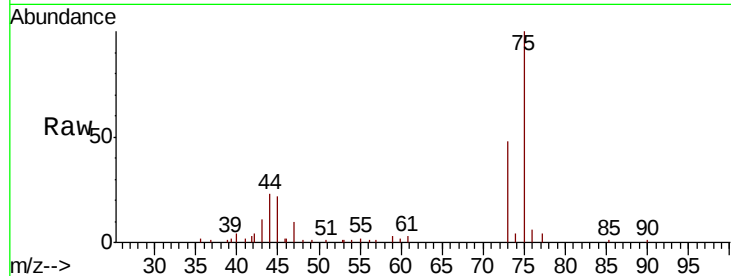
Tot Ion: 43 Resp: 1603

Ion Ratio Lower Upper

43 100

61 0.0 12.4 18.6#

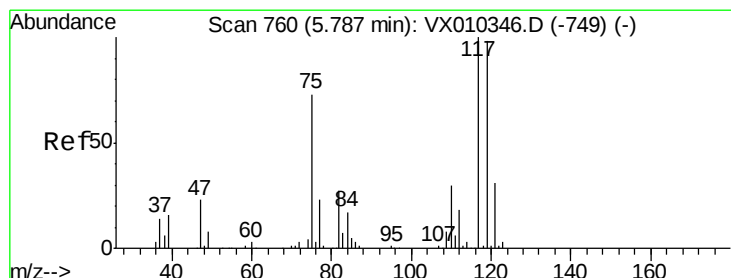
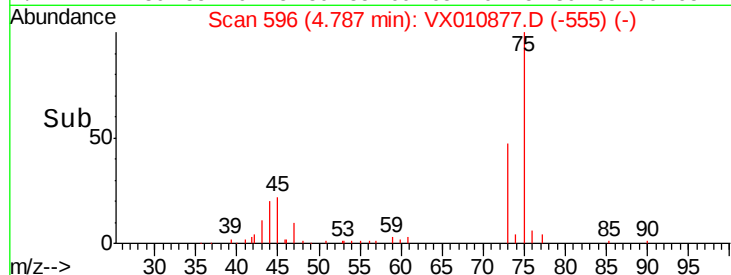
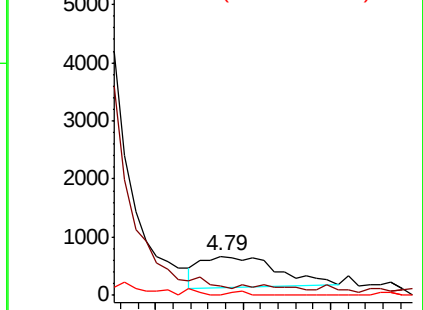
70 3.7 9.8 14.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 6.875 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.13 min

Lab File: VX010877.D

Acq: 15 Jul 2019 12:22

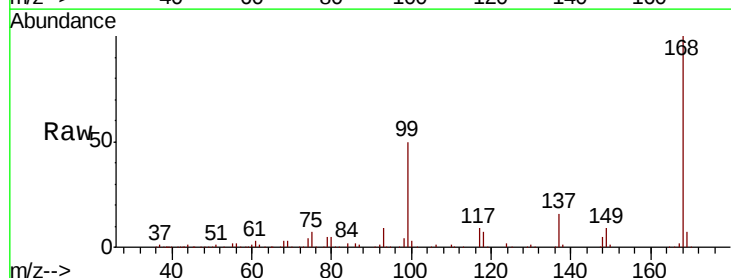
Tgt Ion: 117 Resp: 21461

Ion Ratio Lower Upper

117 100

119 4.7 78.2 117.4#

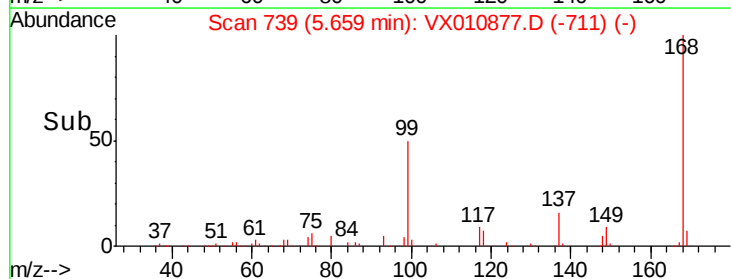
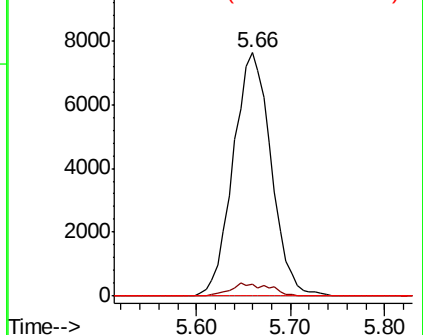
121 0.0 24.7 37.1#

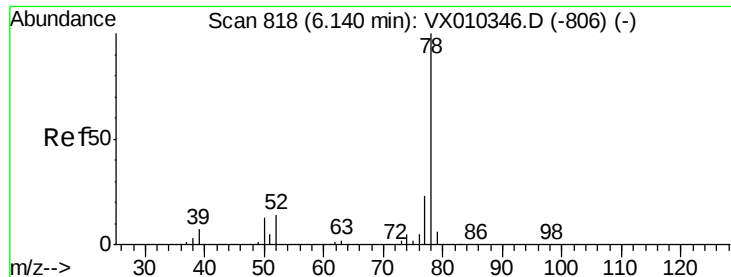


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#40

Benzene

Concen: 0.604 ug/l

RT: 6.13 min Scan# 817

Delta R.T. -0.01 min

Lab File: VX010877.D

Acq: 15 Jul 2019 12:22

Instrument :

MSVOA_X

ClientSampleId :

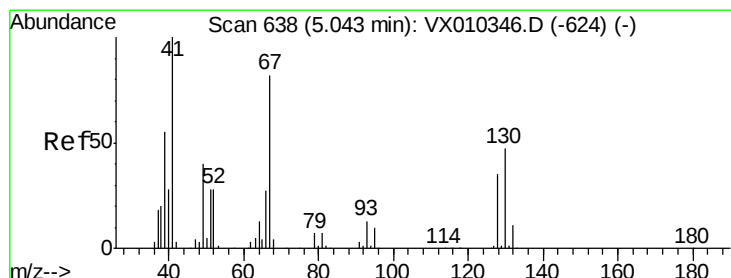
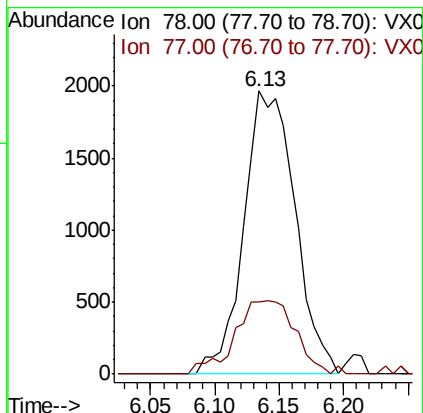
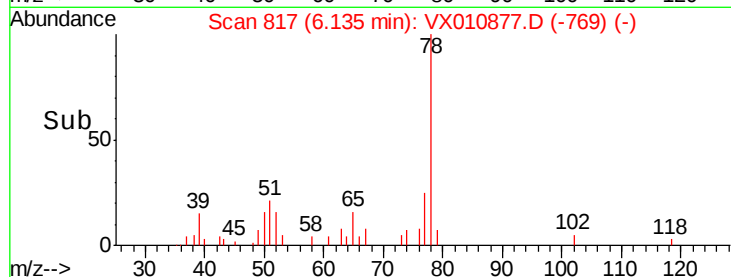
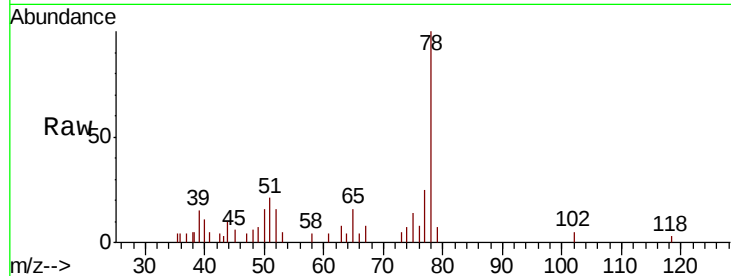
390711763.1-VOA

Tot Ion: 78 Resp: 5422

Ion Ratio Lower Upper

78 100

77 25.3 18.6 28.0



#41

Methacrylonitrile

Concen: 81.519 ug/l

RT: 5.12 min Scan# 651

Delta R.T. 0.08 min

Lab File: VX010877.D

Acq: 15 Jul 2019 12:22

Tgt Ion: 41 Resp: 132638

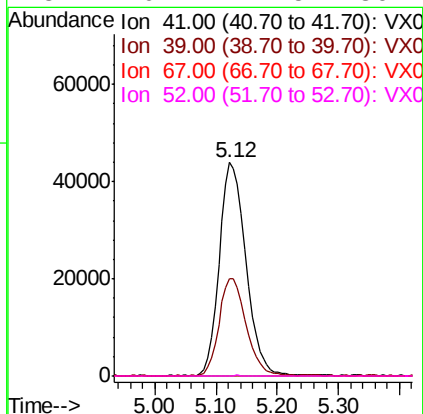
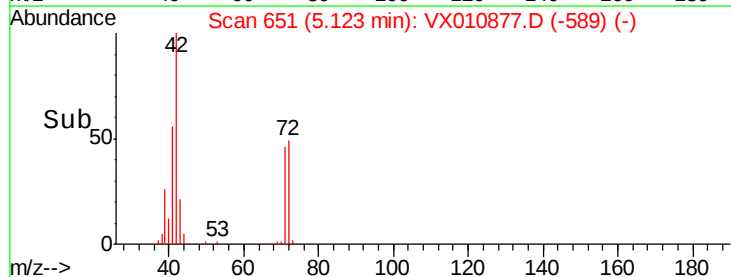
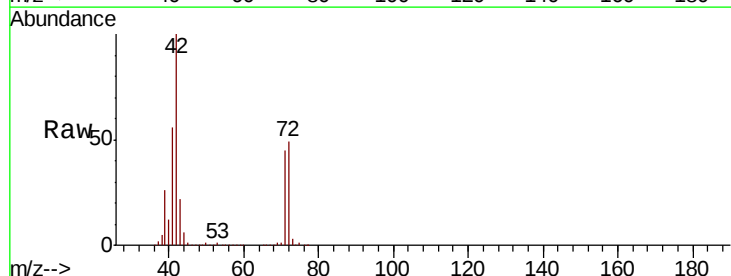
Ion Ratio Lower Upper

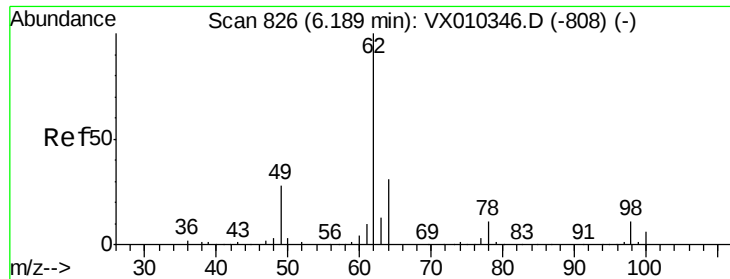
41 100

39 45.9 43.8 65.8

67 0.1 66.6 100.0#

52 0.1 24.5 36.7#

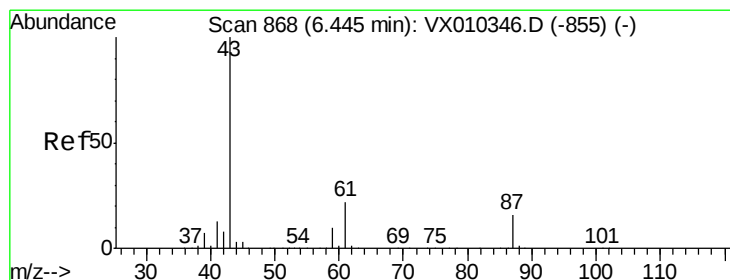
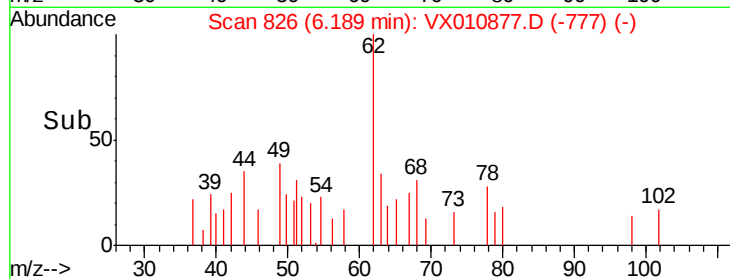
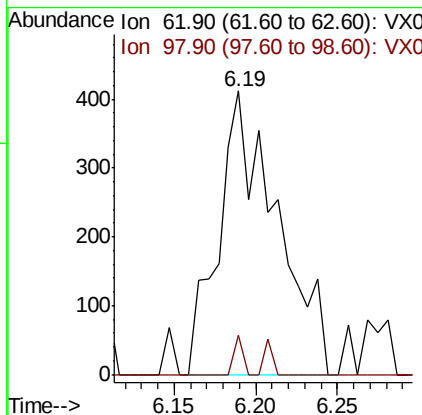
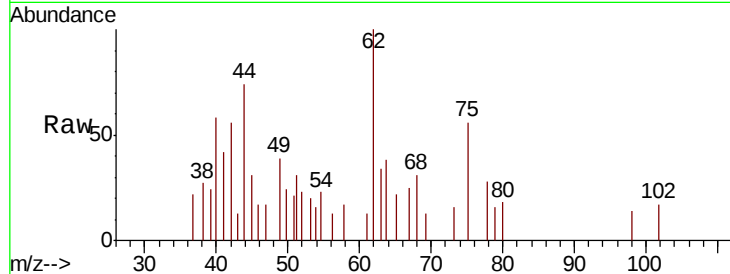




#42
 1,2-Dichloroethane
 Concen: 0.375 ug/l
 RT: 6.19 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: VX010877.D
 Acq: 15 Jul 2019 12:22

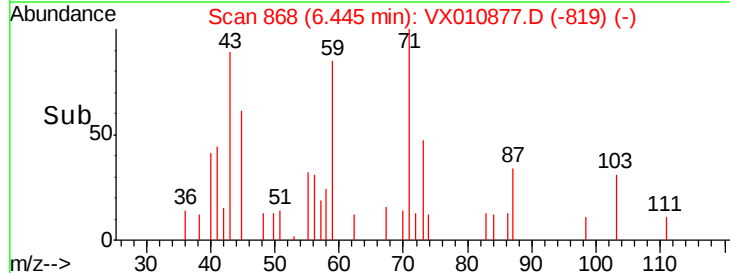
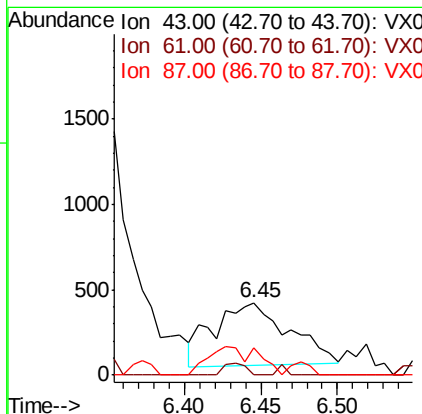
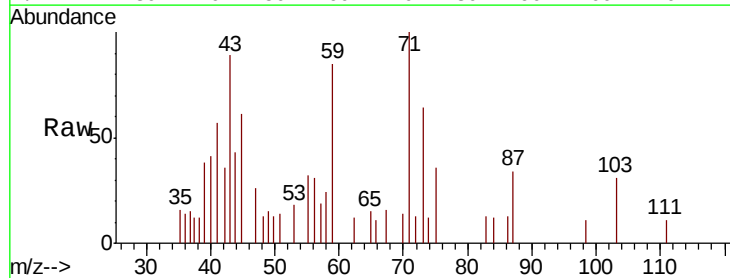
Instrument :
 MSVOA_X
 ClientSampleId :
 390711763.1-VOA

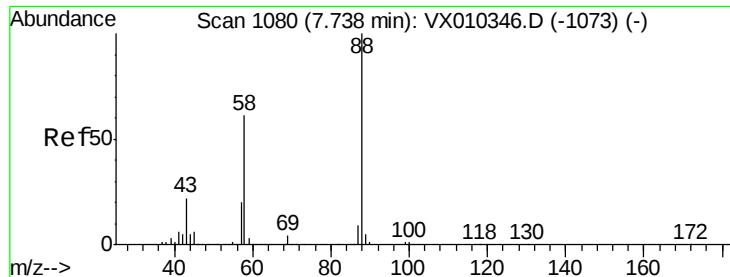
Tot Ion: 62 Resp: 1025
 Ion Ratio Lower Upper
 62 100
 98 2.0 0.0 22.2



#43
 Isopropyl Acetate
 Concen: 0.255 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX010877.D
 Acq: 15 Jul 2019 12:22

Tgt Ion: 43 Resp: 1250
 Ion Ratio Lower Upper
 43 100
 61 5.4 17.8 26.6#
 87 30.1 13.0 19.4#





#49

1,4-Dioxane

Concen: 43.260 ug/l

RT: 7.74 min Scan# 1081

Delta R.T. 0.01 min

Lab File: VX010877.D

Acq: 15 Jul 2019 12:22

Instrument :

MSVOA_X

ClientSampleId :

390711763.1-VOA

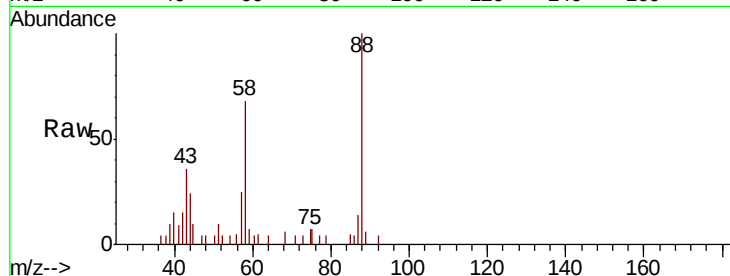
Tot Ion: 88 Resp: 2842

Ion Ratio Lower Upper

88 100

43 21.9 20.2 30.2

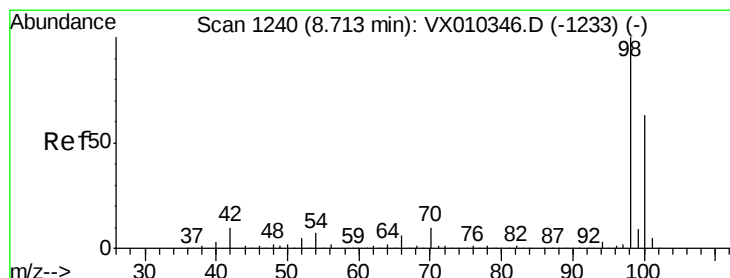
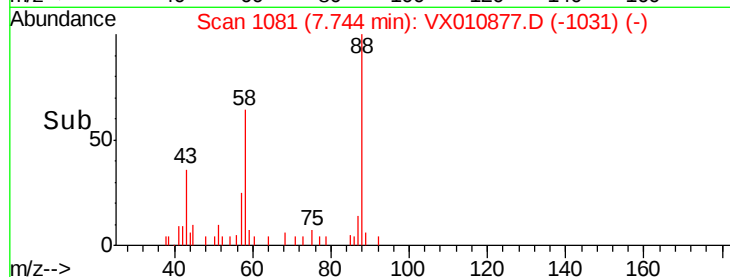
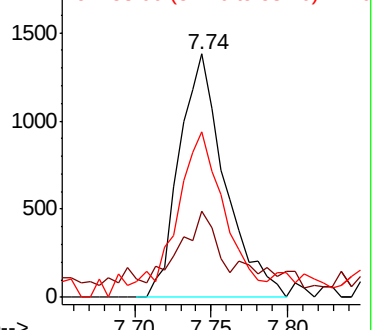
58 76.8 49.5 74.3#



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 51.072 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010877.D

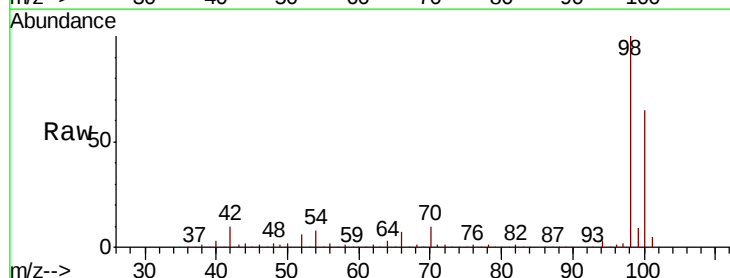
Acq: 15 Jul 2019 12:22

Tgt Ion: 98 Resp: 433650

Ion Ratio Lower Upper

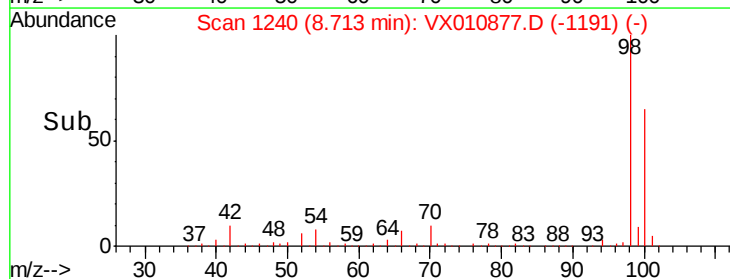
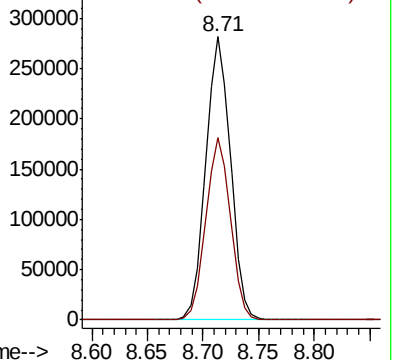
98 100

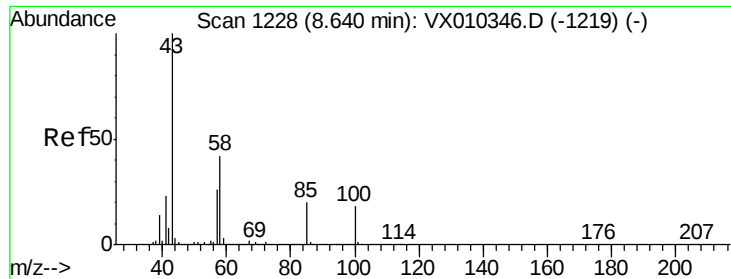
100 64.0 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

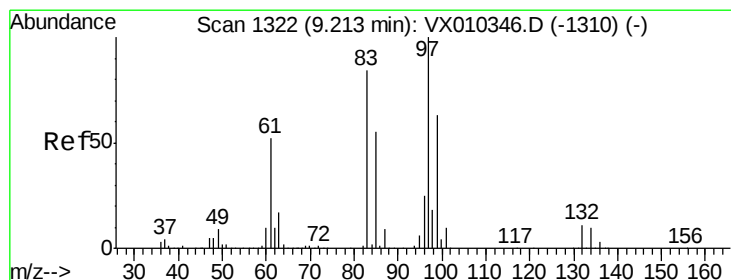
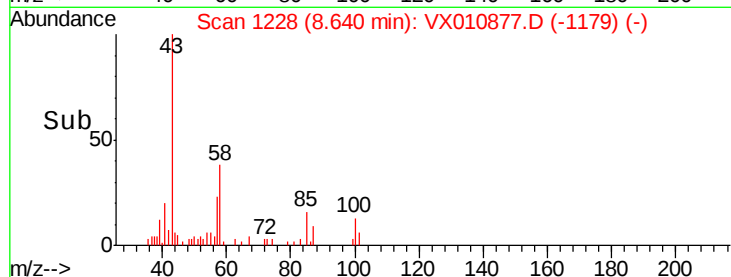
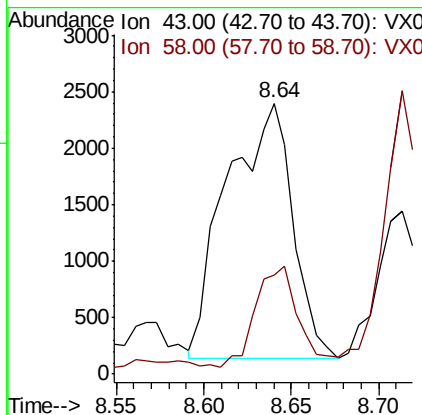
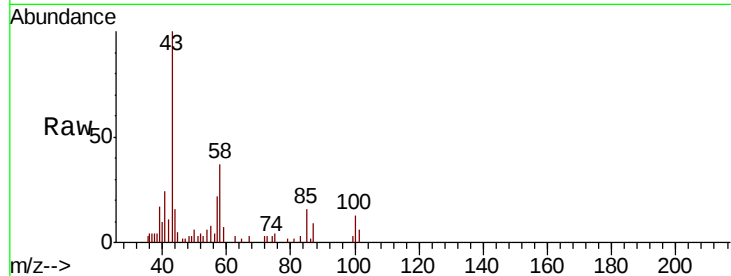




#51
 4-Methyl-2-Pentanone
 Concen: 1.883 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX010877.D
 Acq: 15 Jul 2019 12:22

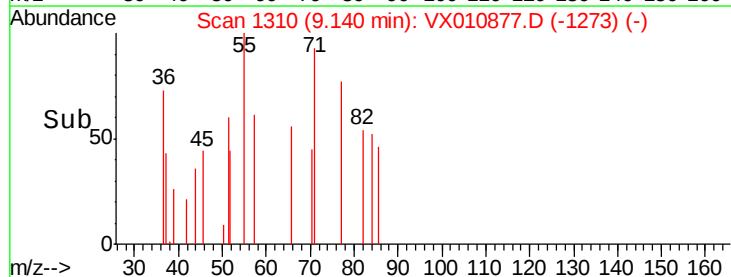
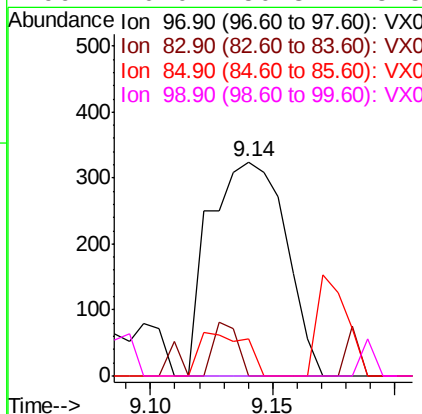
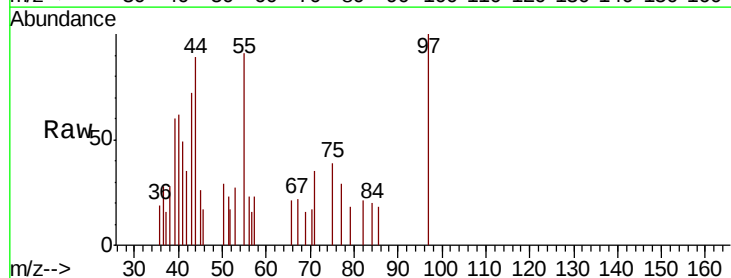
Instrument :
 MSVOA_X
 ClientSampleId :
 390711763.1-VOA

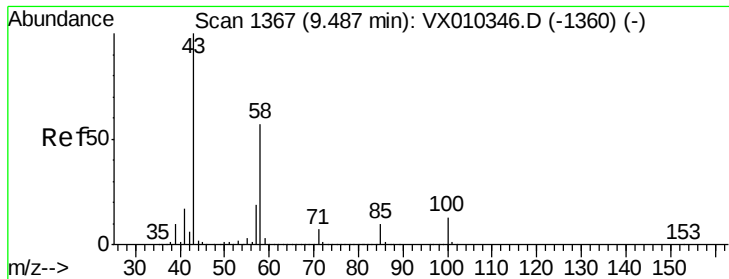
Tot Ion: 43 Resp: 5909
 Ion Ratio Lower Upper
 43 100
 58 28.4 33.5 50.3#



#55
 1,1,2-Trichloroethane
 Concen: 0.289 ug/l
 RT: 9.14 min Scan# 1310
 Delta R.T. -0.07 min
 Lab File: VX010877.D
 Acq: 15 Jul 2019 12:22

Tgt Ion: 97 Resp: 704
 Ion Ratio Lower Upper
 97 100
 83 0.0 67.4 101.0#
 85 17.6 43.8 65.8#
 99 0.0 50.3 75.5#





#59

2-Hexanone

Concen: 0.478 ug/l

RT: 9.62 min Scan# 1389

Delta R.T. 0.13 min

Lab File: VX010877.D

Acq: 15 Jul 2019 12:22

Instrument :

MSVOA_X

ClientSampleId :

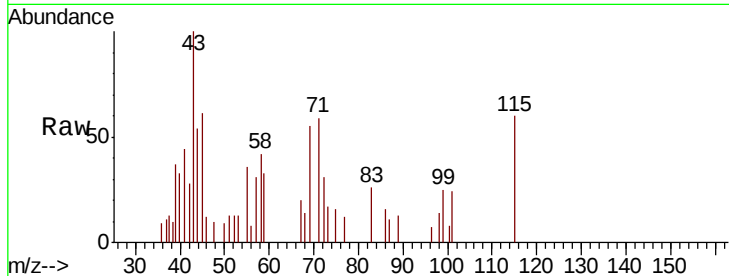
390711763.1-VOA

Tot Ion: 43 Resp: 1181

Ion Ratio Lower Upper

43 100

58 50.6 29.0 87.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.62

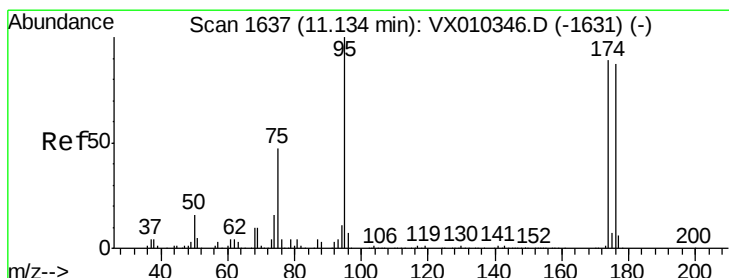
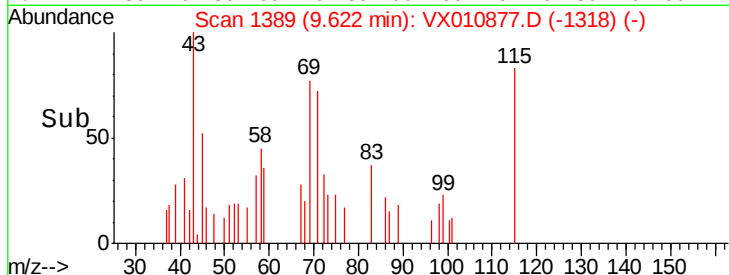
600

400

200

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.945 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010877.D

Acq: 15 Jul 2019 12:22

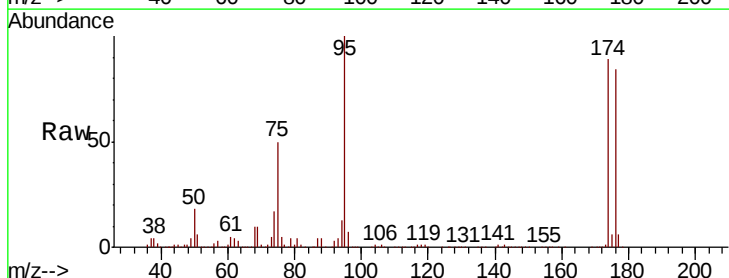
Tgt Ion: 95 Resp: 156171

Ion Ratio Lower Upper

95 100

174 92.3 0.0 187.6

176 87.4 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

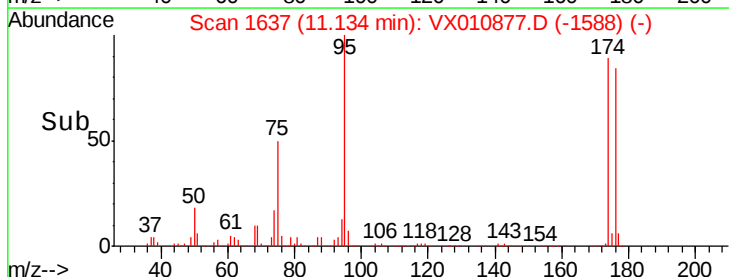
150000

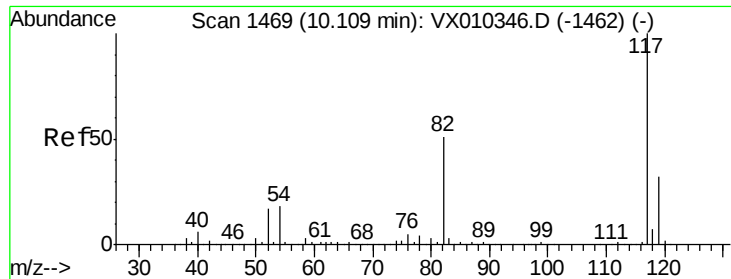
100000

50000

0

Time-->

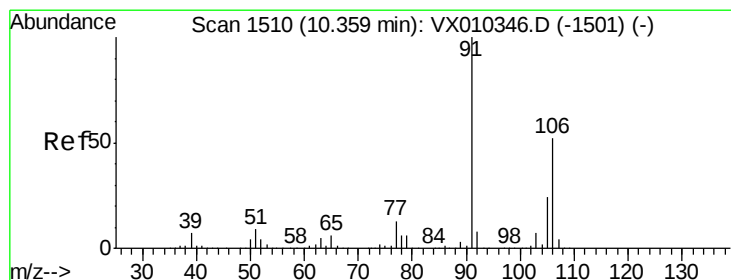
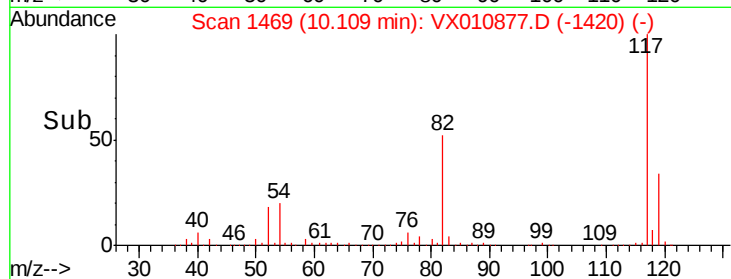
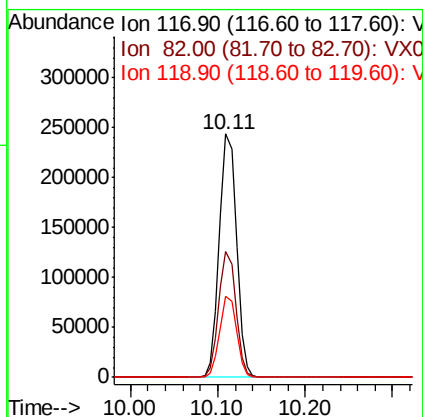
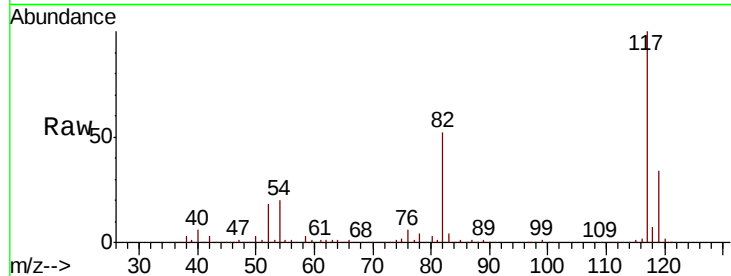




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010877.D
Acq: 15 Jul 2019 12:22

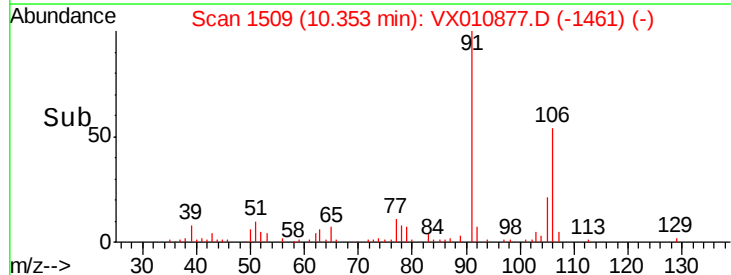
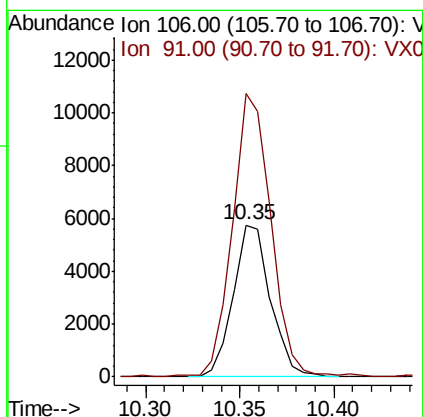
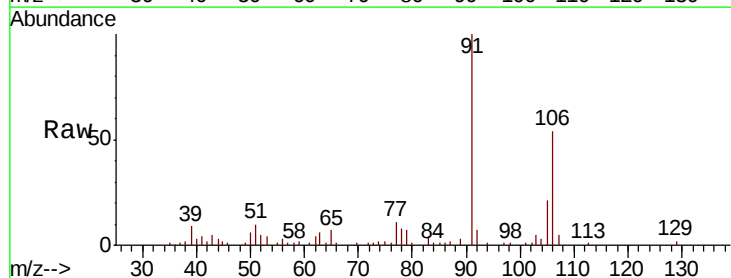
Instrument :
MSVOA_X
ClientSampleId :
390711763.1-VOA

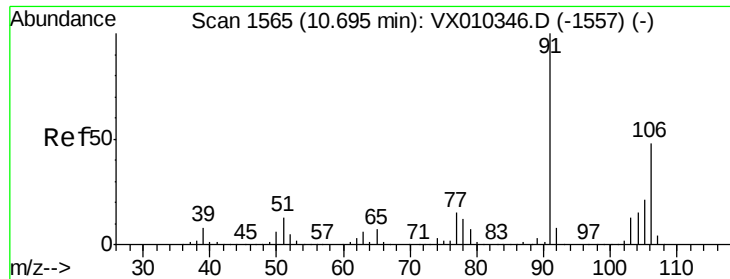
Tot Ion:117 Resp: 332864
Ion Ratio Lower Upper
117 100
82 51.9 41.2 61.8
119 33.5 25.5 38.3



#68
m/p-Xylenes
Concen: 1.788 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX010877.D
Acq: 15 Jul 2019 12:22

Tgt Ion:106 Resp: 7904
Ion Ratio Lower Upper
106 100
91 193.0 155.3 232.9

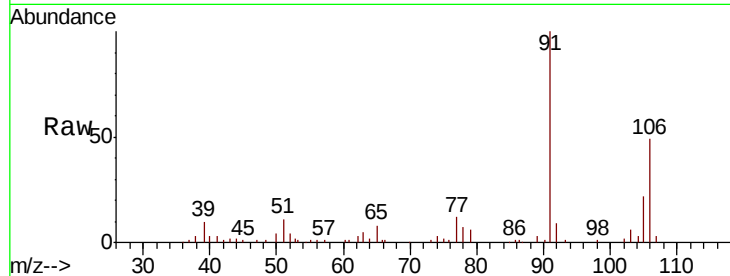




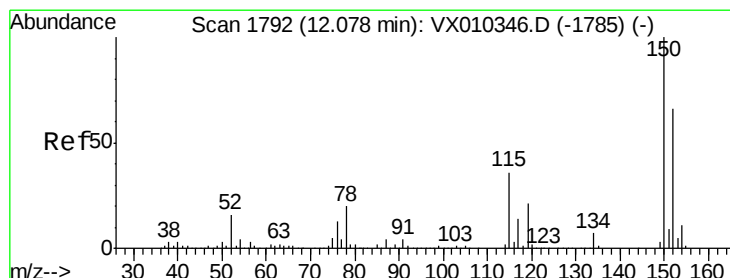
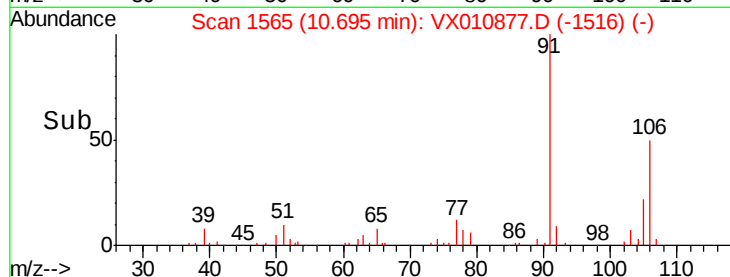
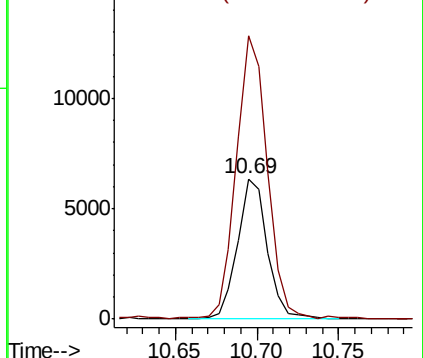
#69
o-Xylene
Concen: 1.865 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010877.D
Acq: 15 Jul 2019 12:22

Instrument :
MSVOA_X
ClientSampleId :
390711763.1-VOA

Tot Ion:106 Resp: 8108
Ion Ratio Lower Upper
106 100
91 210.1 102.7 308.1

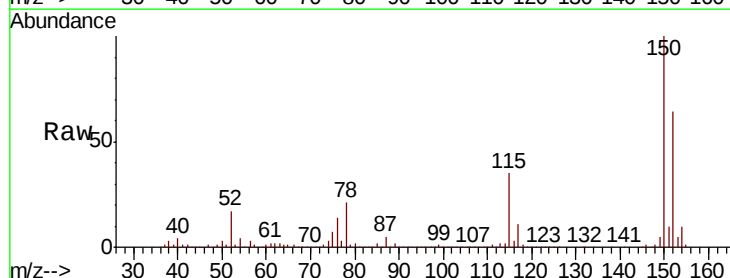


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

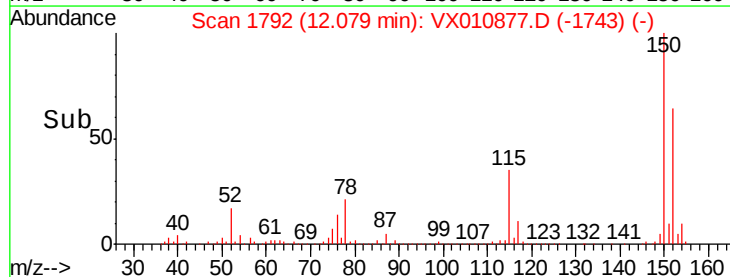
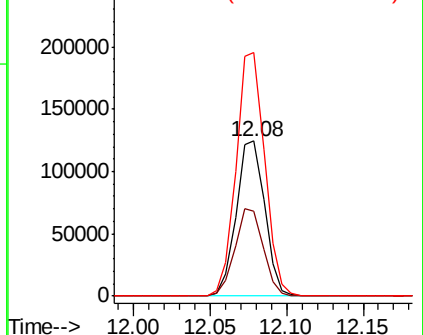


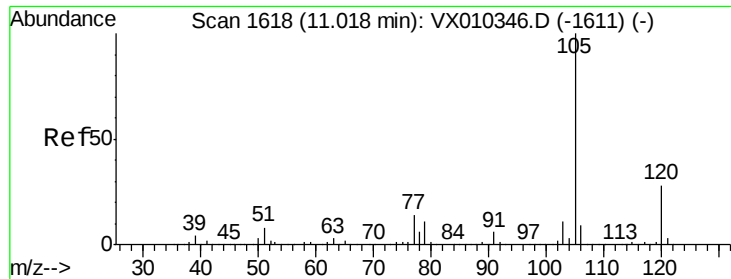
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010877.D
Acq: 15 Jul 2019 12:22

Tgt Ion:152 Resp: 161257
Ion Ratio Lower Upper
152 100
115 55.5 38.6 115.7
150 157.1 0.0 347.4



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





#73

Isopropylbenzene

Concen: 0.207 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010877.D

Acq: 15 Jul 2019 12:22

Instrument :

MSVOA_X

ClientSampleId :

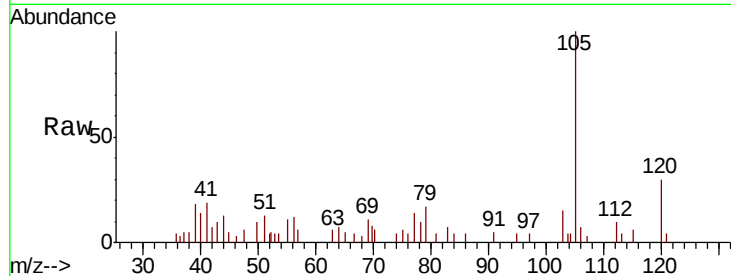
390711763.1-VOA

Tot Ion:105 Resp: 2262

Ion Ratio Lower Upper

105 100

120 31.5 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

1500

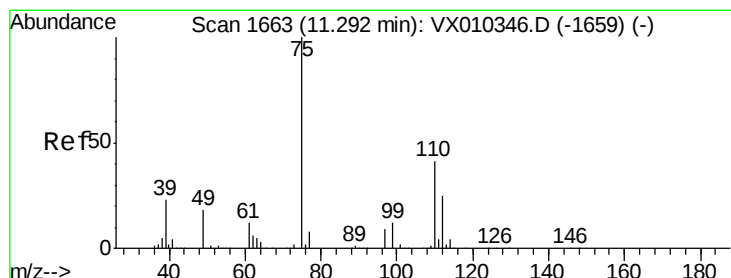
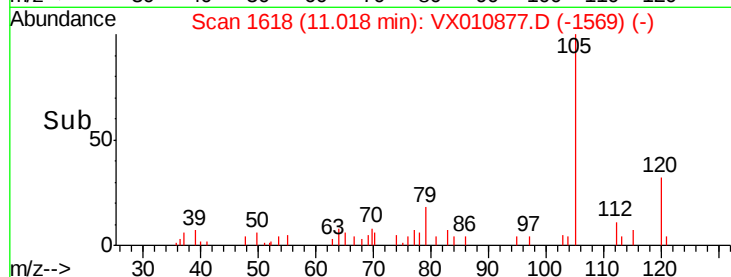
1000

500

0

11.00 11.05

Time-->



#76

1,2,3-Trichloropropane

Concen: 26.033 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010877.D

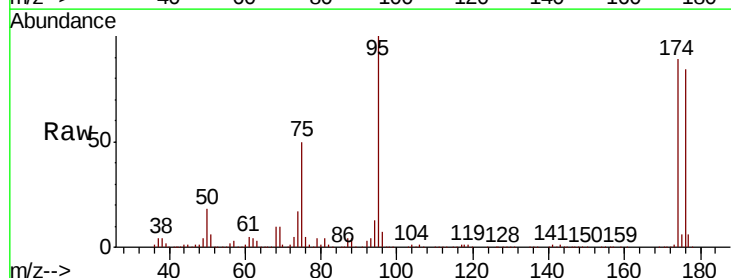
Acq: 15 Jul 2019 12:22

Tgt Ion: 75 Resp: 76500

Ion Ratio Lower Upper

75 100

77 1.3 22.6 67.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.13

60000

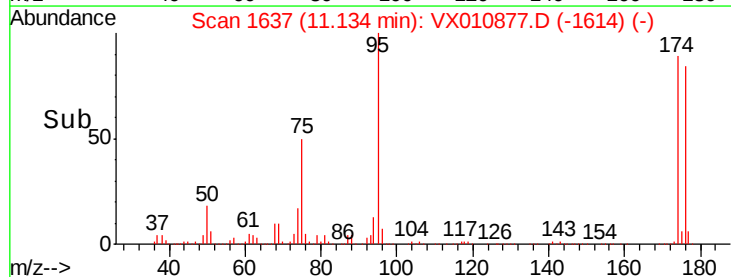
40000

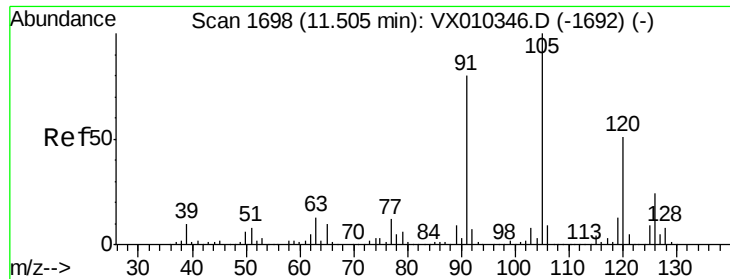
20000

0

11.10 11.15 11.20

Time-->

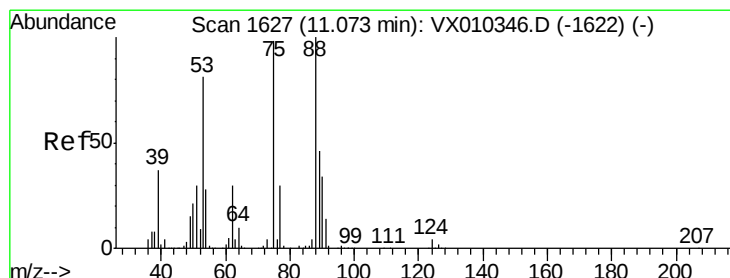
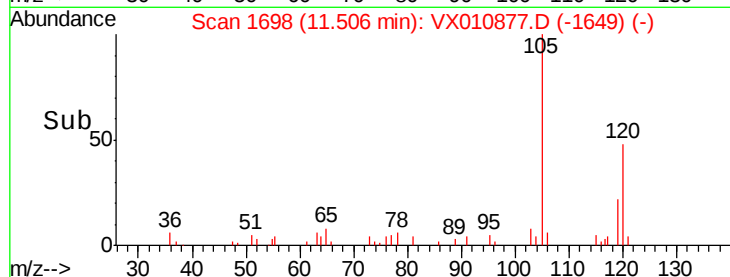
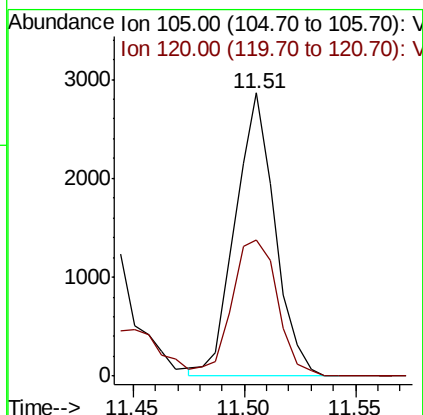
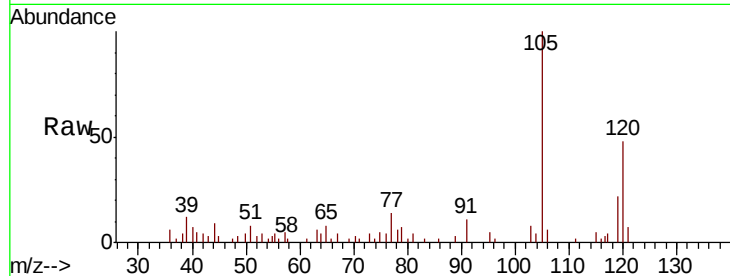




#80
 1,3,5-Trimethylbenzene
 Concen: 0.394 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010877.D
 Acq: 15 Jul 2019 12:22

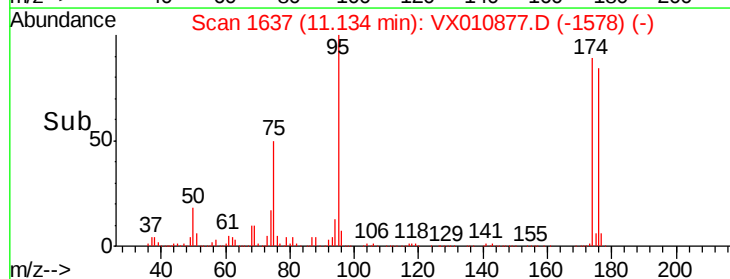
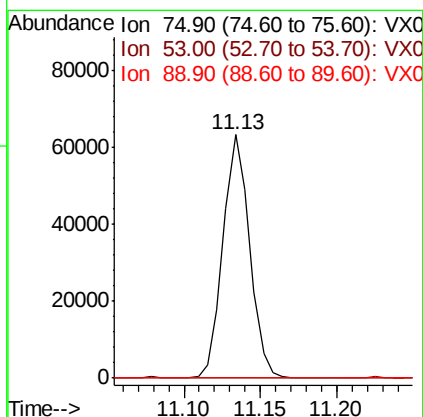
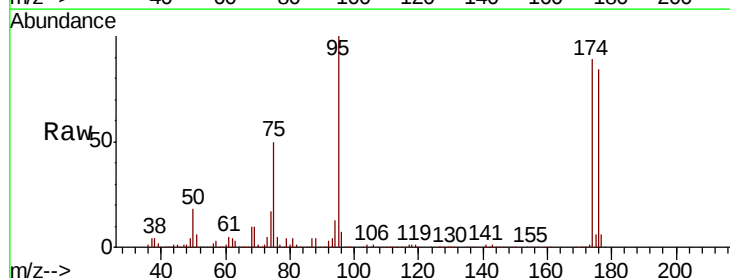
Instrument :
 MSVOA_X
 ClientSampleId :
 390711763.1-VOA

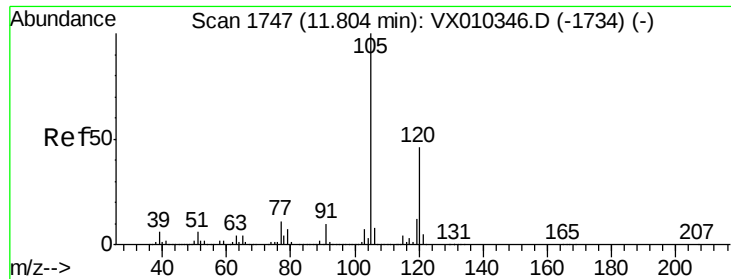
Tot Ion:105 Resp: 3547
 Ion Ratio Lower Upper
 105 100
 120 55.6 25.2 75.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.733 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX010877.D
 Acq: 15 Jul 2019 12:22

Tgt Ion: 75 Resp: 76500
 Ion Ratio Lower Upper
 75 100
 53 0.5 66.1 99.1#
 89 0.1 37.8 56.6#

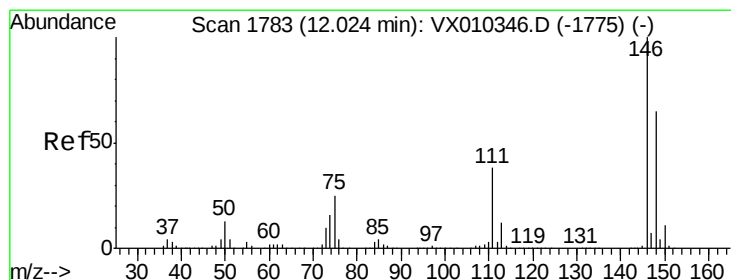
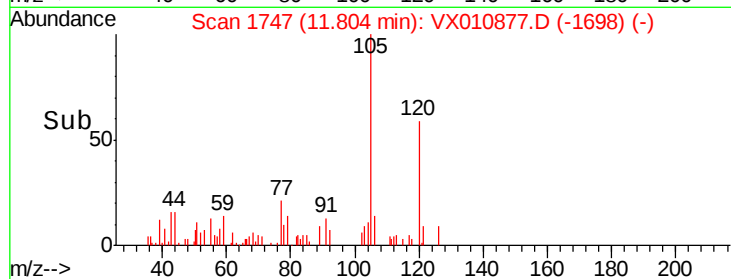
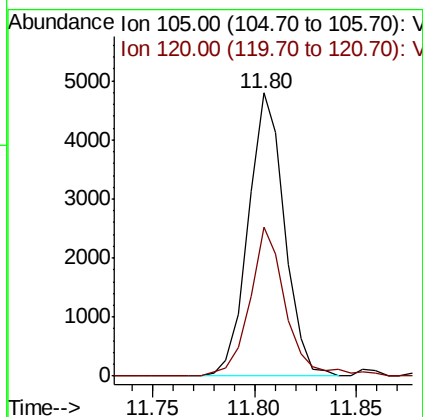
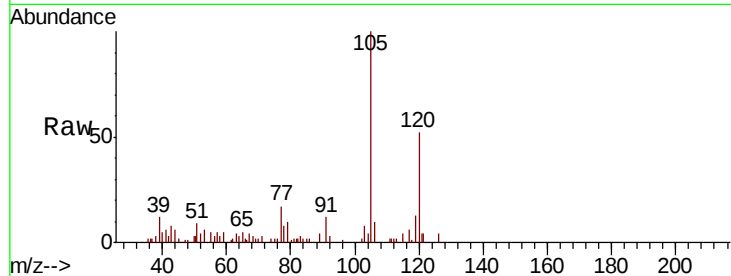




#84
 1,2,4-Trimethylbenzene
 Concen: 0.653 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010877.D
 Acq: 15 Jul 2019 12:22

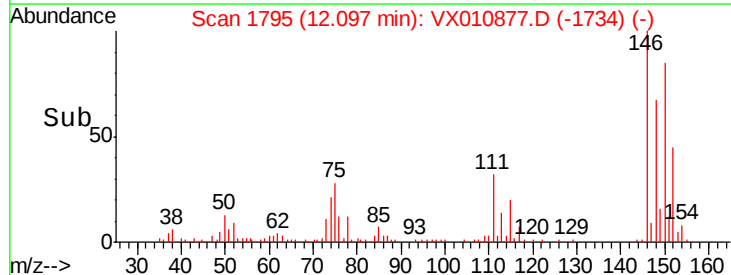
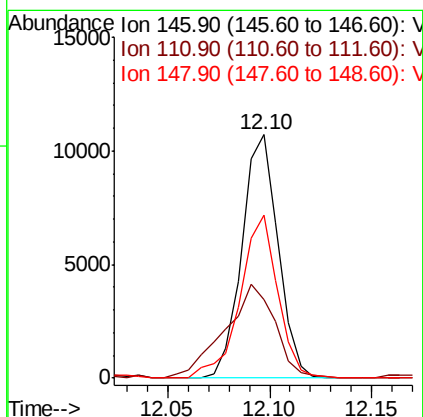
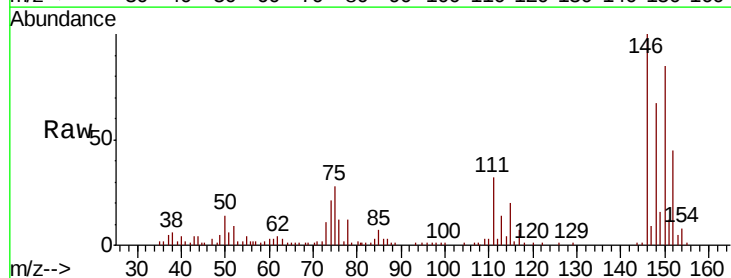
Instrument :
 MSVOA_X
 ClientSampleId :
 390711763.1-VOA

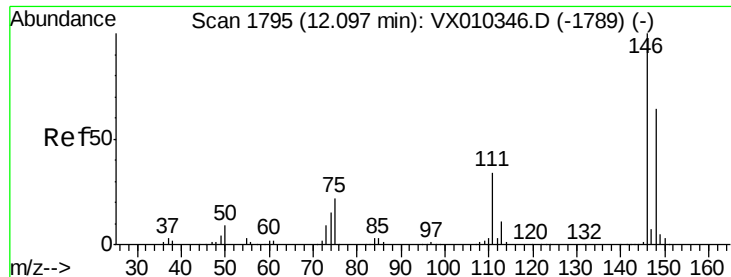
Tot Ion:105 Resp: 5912
 Ion Ratio Lower Upper
 105 100
 120 52.8 23.1 69.2



#87
 1,3-Dichlorobenzene
 Concen: 2.475 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.07 min
 Lab File: VX010877.D
 Acq: 15 Jul 2019 12:22

Tgt Ion:146 Resp: 13185
 Ion Ratio Lower Upper
 146 100
 111 53.6 19.1 57.1
 148 69.8 32.5 97.4





#88

1,4-Dichlorobenzene

Concen: 2.431 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX010877.D

Acq: 15 Jul 2019 12:22

Instrument :

MSVOA_X

ClientSampleId :

390711763.1-VOA

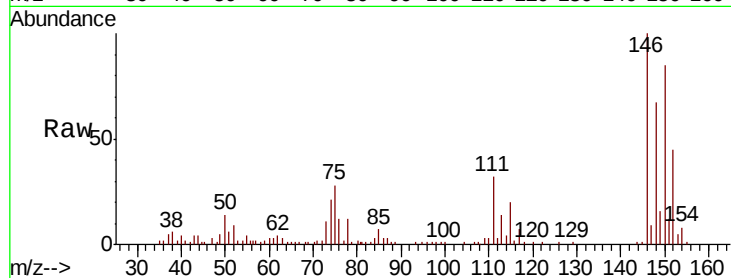
Tot Ion:146 Resp: 13185

Ion Ratio Lower Upper

146 100

111 53.6 18.1 54.3

148 69.8 32.1 96.3



Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

