

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071519\
 Data File : VX010876.D
 Acq On : 15 Jul 2019 11:59
 Operator : JC/SP
 Sample : K3779-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 390711759.3-VOA

Quant Time: Jul 16 01:56:54 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	233206	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	365898	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	336754	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	162520	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	121815	55.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.42%	
35) Dibromofluoromethane	5.50	113	115202	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	
50) Toluene-d8	8.71	98	433770	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	
62) 4-Bromofluorobenzene	11.13	95	155780	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	790	0.487	ug/l	84
4) Vinyl Chloride	1.41	62	564	0.273	ug/l #	64
5) Bromomethane	1.64	94	252	0.250	ug/l #	76
6) Chloroethane	1.73	64	1225	1.004	ug/l #	80
8) Diethyl Ether	2.19	74	10716	9.116	ug/l	100
11) Tert butyl alcohol	3.04	59	126532	221.153	ug/l	98
13) Acrolein	2.31	56	138	0.364	ug/l #	14
14) Allyl chloride	2.71	41	1402	0.489	ug/l #	67
16) Acetone	2.45	43	5141	4.691	ug/l	95
18) Methyl Acetate	3.04	43	14521	6.649	ug/l #	48
19) Methyl tert-butyl Ether	3.20	73	4920	0.774	ug/l #	80
24) 1,1-Dichloroethane	3.70	63	1293	0.373	ug/l #	81
25) 2-Butanone	4.69	43	8021	4.990	ug/l #	88
26) 2,2-Dichloropropane	4.69	77	12132	4.027	ug/l #	49
27) cis-1,2-Dichloroethene	4.60	96	920	0.366	ug/l	76
29) Tetrahydrofuran	5.13	42	153989	154.660	ug/l	98
36) 1,1-Dichloropropene	5.66	75	15617	5.371	ug/l #	47
38) Carbon Tetrachloride	5.67	117	21570	6.851	ug/l #	16
40) Benzene	6.14	78	10968	1.211	ug/l	100
41) Methacrylonitrile	5.13	41	86570	52.747	ug/l #	41
43) Isopropyl Acetate	6.45	43	1591	0.321	ug/l #	68
49) 1,4-Dioxane	7.74	88	12032	181.568	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	4581	1.447	ug/l #	34
52) Toluene	8.79	92	4066	0.682	ug/l	85
59) 2-Hexanone	9.30	43	3477	1.396	ug/l	79
65) Chlorobenzene	10.13	112	50817	7.433	ug/l	97
68) m/p-Xylenes	10.36	106	14299	3.197	ug/l	99
69) o-Xylene	10.69	106	14162	3.220	ug/l	97
70) Styrene	10.71	104	1664	0.226	ug/l #	1
73) Isopropylbenzene	11.02	105	6276	0.570	ug/l	98
76) 1,2,3-Trichloropropane	11.13	75	77143	26.048	ug/l #	33
79) 2-Chlorotoluene	11.42	91	4264	0.591	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	2992	0.329	ug/l	91
81) trans-1,4-Dichloro-2-buten	11.13	75	77143	60.768	ug/l #	16

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

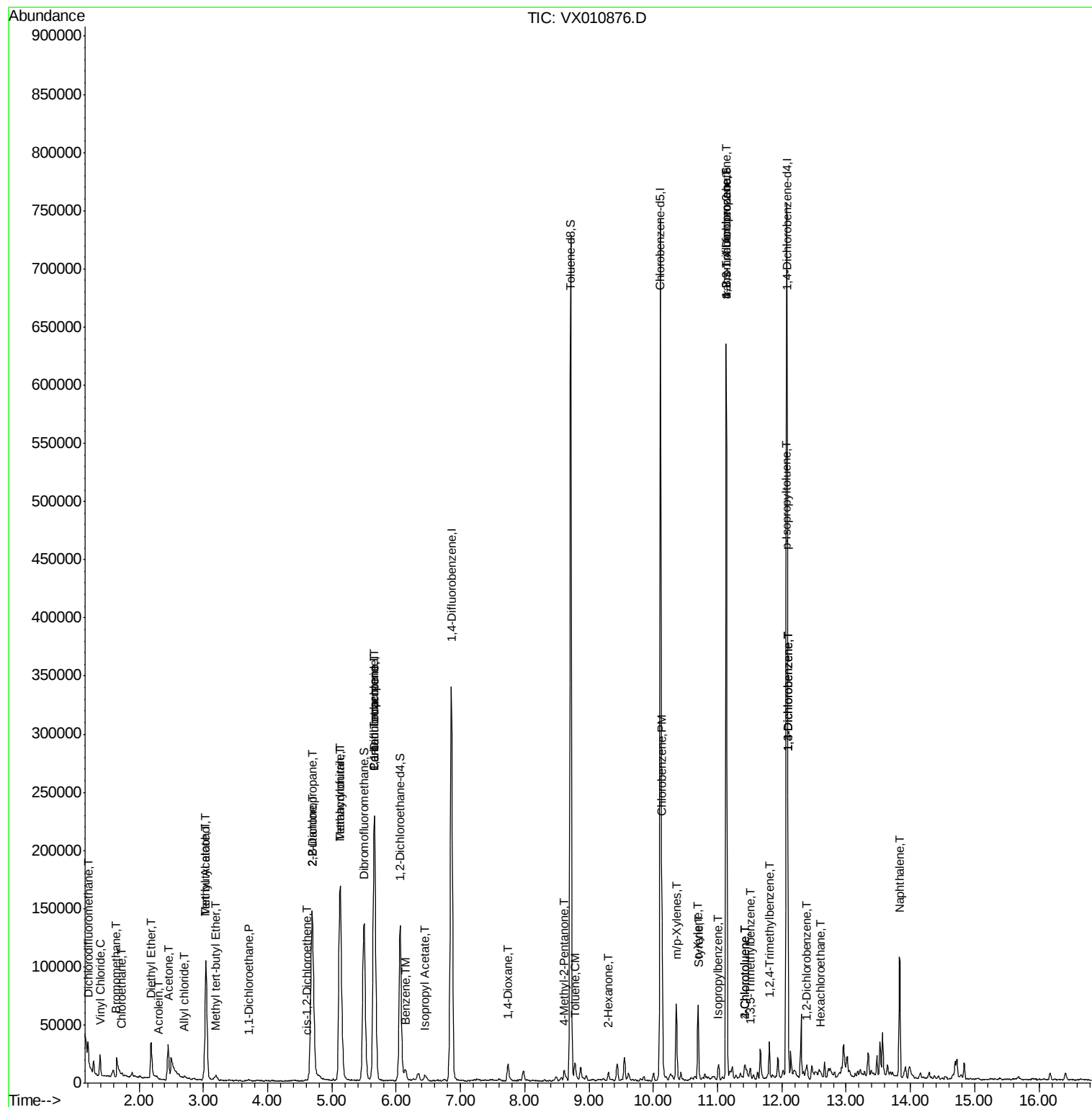
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	11.42	91	4264	0.520	ug/l	89
84) 1,2,4-Trimethylbenzene	11.80	105	13392	1.468	ug/l	95
86) p-Isopropyltoluene	12.06	119	4345	0.439	ug/l #	81
87) 1,3-Dichlorobenzene	12.10	146	38430	7.157	ug/l	96
88) 1,4-Dichlorobenzene	12.10	146	38430	7.030	ug/l	95
90) Hexachloroethane	12.61	117	526	0.307	ug/l #	5
91) 1,2-Dichlorobenzene	12.39	146	2478	0.464	ug/l	90
95) Naphthalene	13.83	128	64794	5.697	ug/l	100

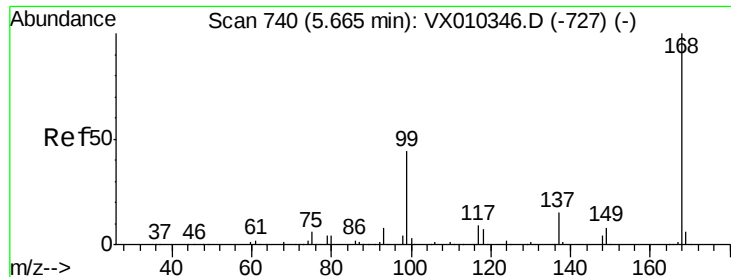
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX010876.D

Acq: 15 Jul 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

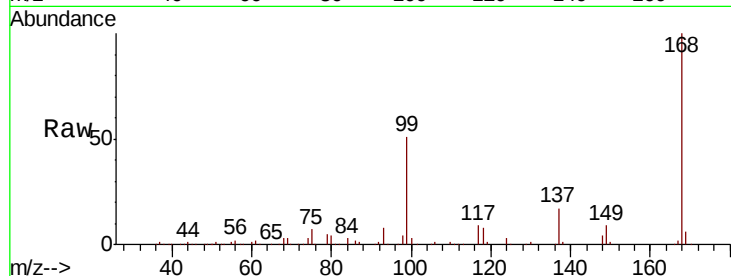
390711759.3-VOA

Tot Ion:168 Resp: 233206

Ion Ratio Lower Upper

168 100

99 50.7 35.5 53.3

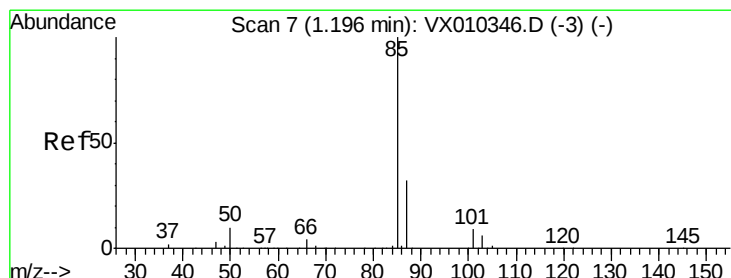
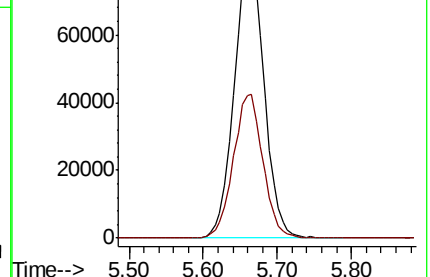
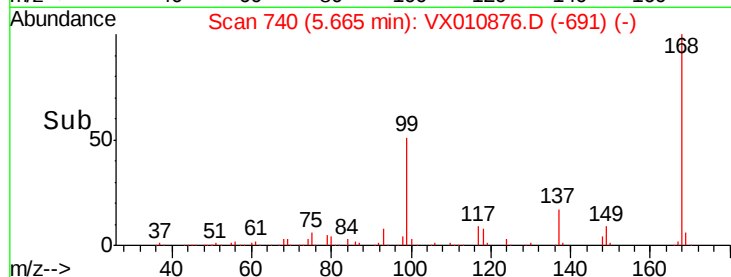


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

Time-->



#2

Dichlorodifluoromethane

Concen: 0.487 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX010876.D

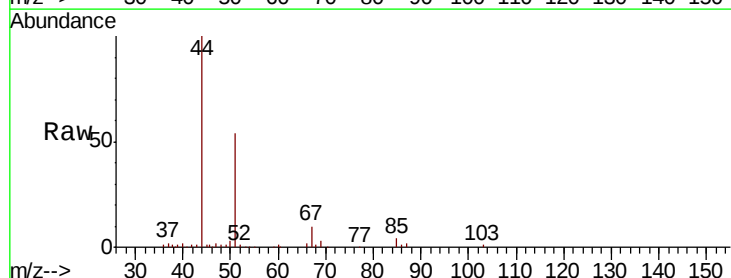
Acq: 15 Jul 2019 11:59

Tgt Ion: 85 Resp: 790

Ion Ratio Lower Upper

85 100

87 41.6 16.3 48.8

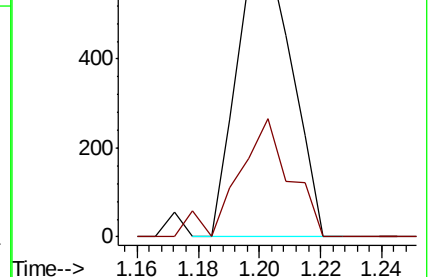
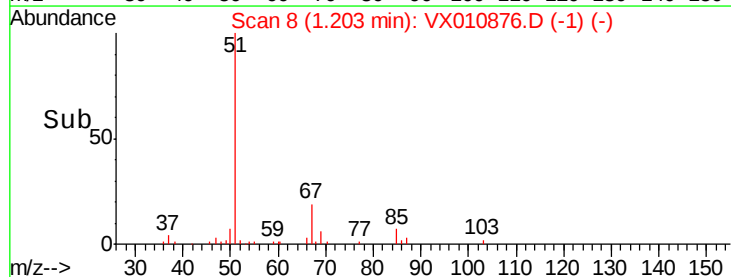


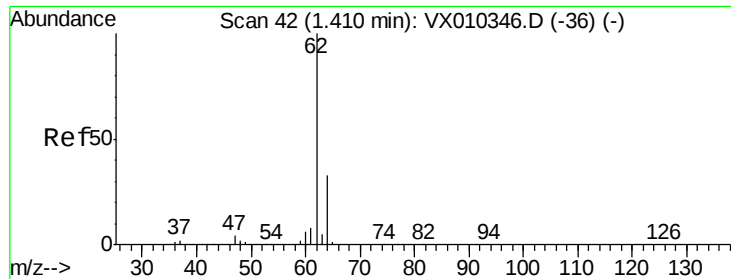
Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

Time-->





#4

Vinyl Chloride

Concen: 0.273 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010876.D

Acq: 15 Jul 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

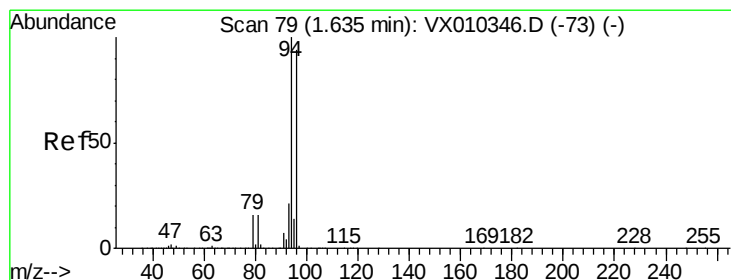
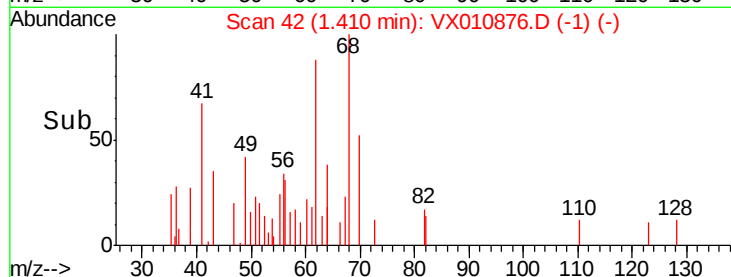
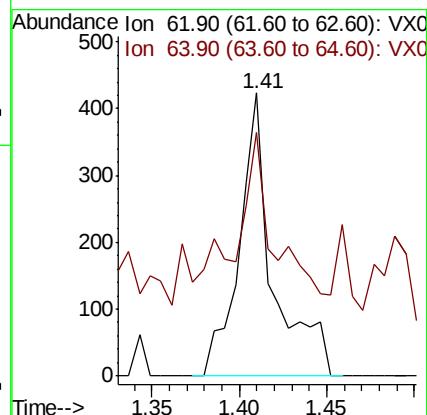
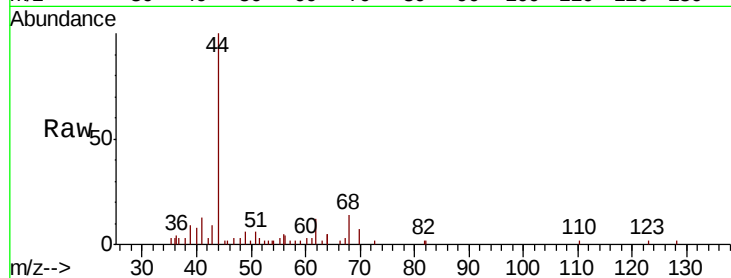
390711759.3-VOA

Tot Ion: 62 Resp: 564

Ion Ratio Lower Upper

62 100

64 53.2 26.2 39.4#



#5

Bromomethane

Concen: 0.250 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX010876.D

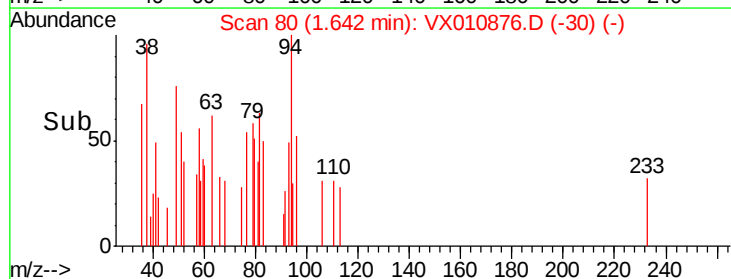
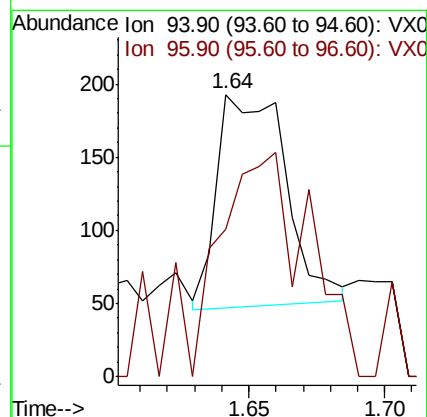
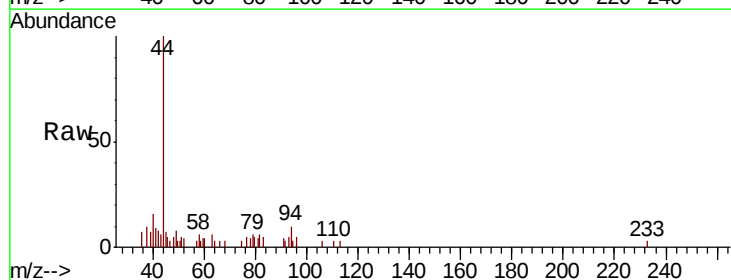
Acq: 15 Jul 2019 11:59

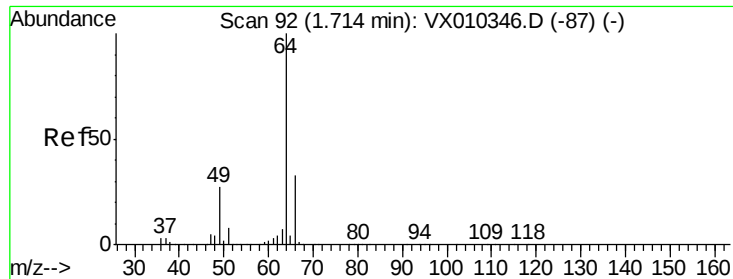
Tgt Ion: 94 Resp: 252

Ion Ratio Lower Upper

94 100

96 71.6 75.5 113.3#





#6

Chloroethane

Concen: 1.004 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX010876.D

Acq: 15 Jul 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

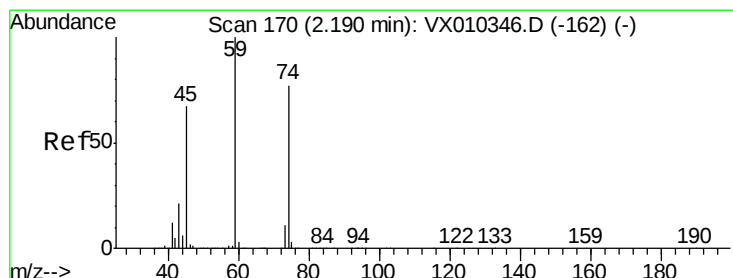
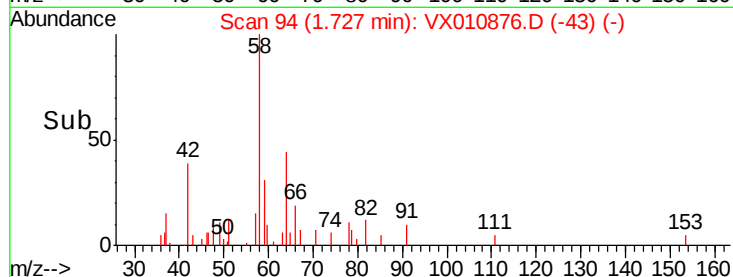
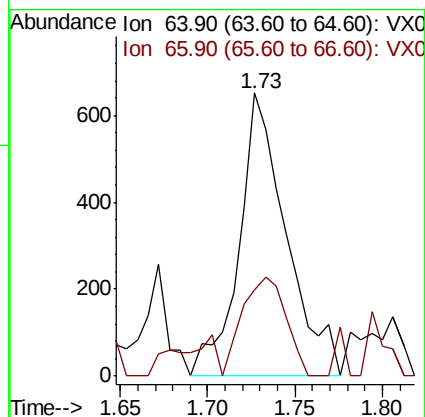
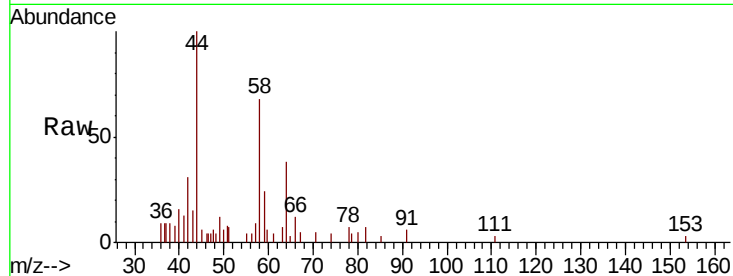
390711759.3-VOA

Tot Ion: 64 Resp: 1225

Ion Ratio Lower Upper

64 100

66 22.1 26.6 40.0#



#8

Diethyl Ether

Concen: 9.116 ug/l

RT: 2.19 min Scan# 170

Delta R.T. 0.00 min

Lab File: VX010876.D

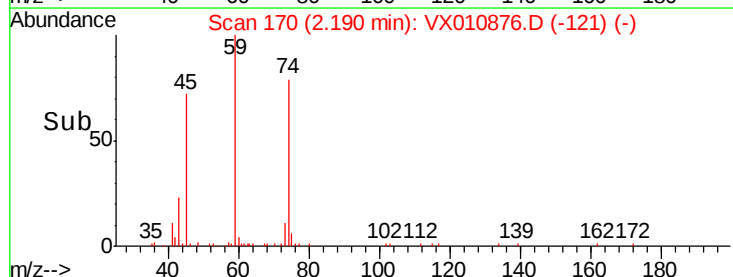
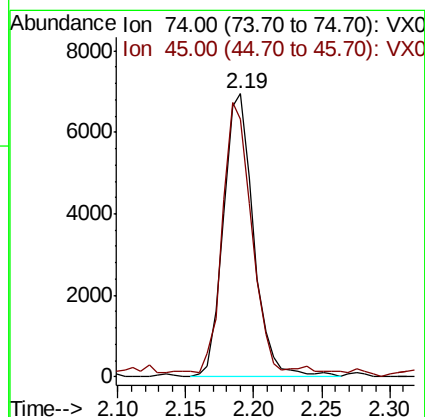
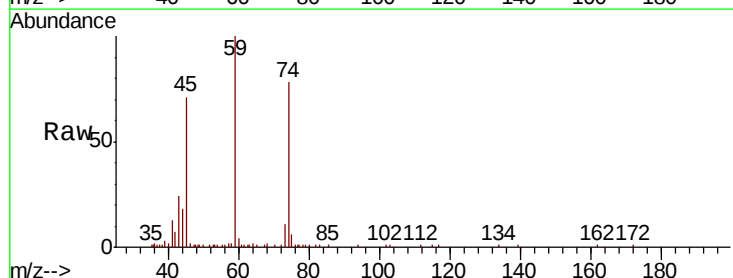
Acq: 15 Jul 2019 11:59

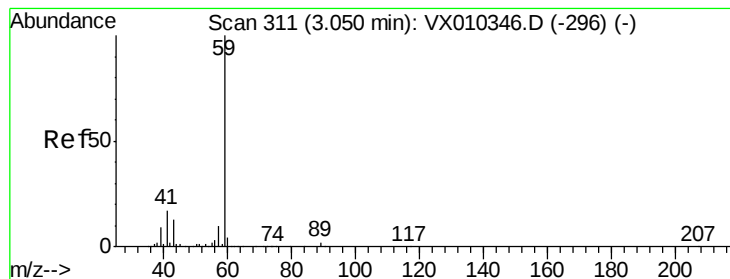
Tgt Ion: 74 Resp: 10716

Ion Ratio Lower Upper

74 100

45 90.0 44.8 134.4



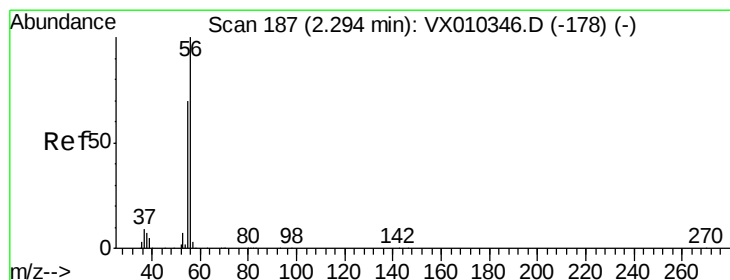
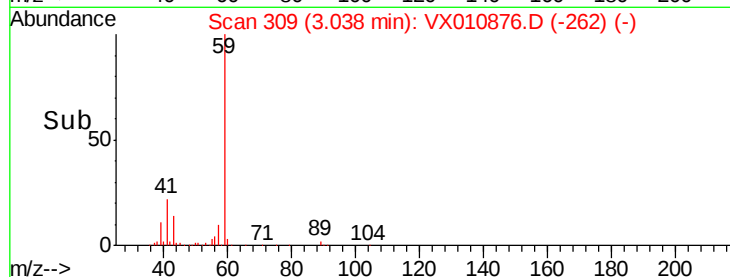
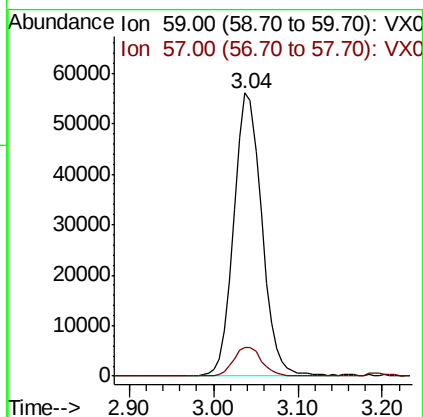
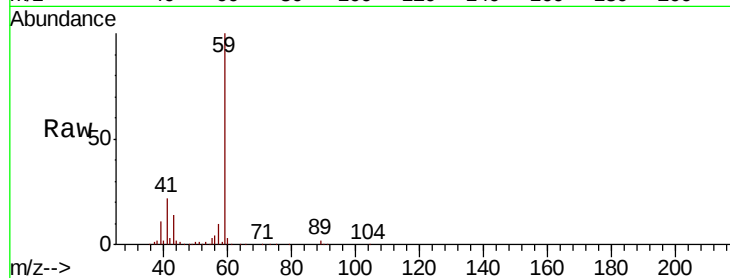


#11

Tert butyl alcohol
Concen: 221.153 ug/l
RT: 3.04 min Scan# 309
Delta R.T. -0.01 min
Lab File: VX010876.D
Acq: 15 Jul 2019 11:59

Instrument :
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ClientSampleId :
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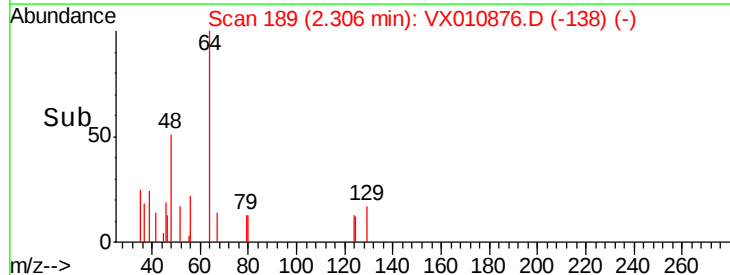
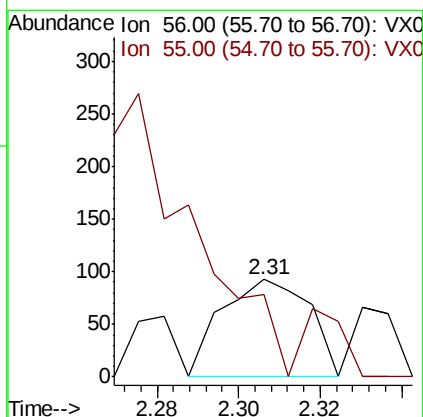
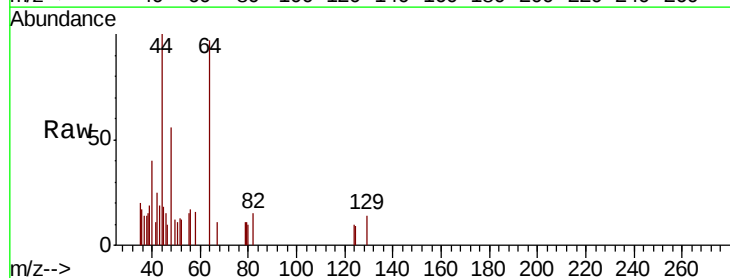
Tot Ion: 59 Resp: 126532
Ion Ratio Lower Upper
59 100
57 10.5 7.7 11.5

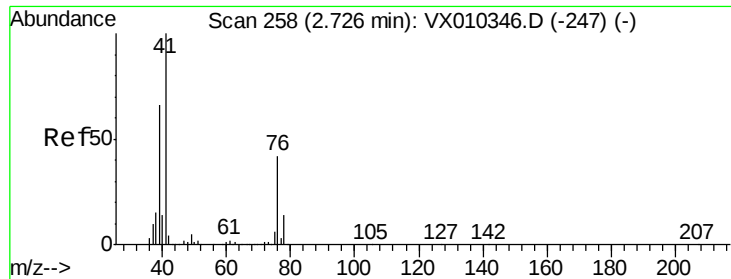


#13

Acrolein
Concen: 0.364 ug/l
RT: 2.31 min Scan# 189
Delta R.T. 0.01 min
Lab File: VX010876.D
Acq: 15 Jul 2019 11:59

Tgt Ion: 56 Resp: 138
Ion Ratio Lower Upper
56 100
55 0.0 56.9 85.3#

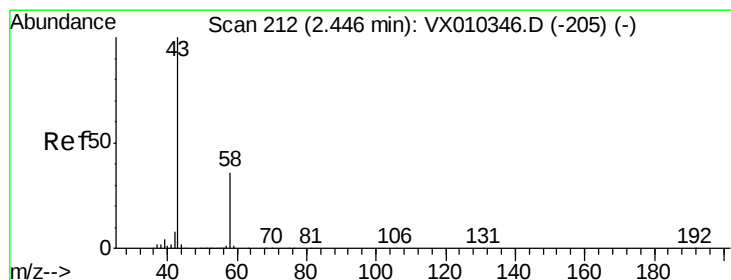
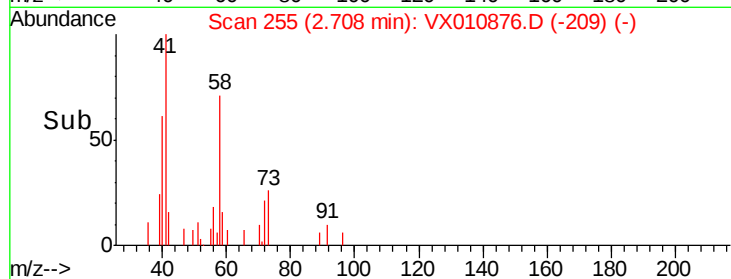
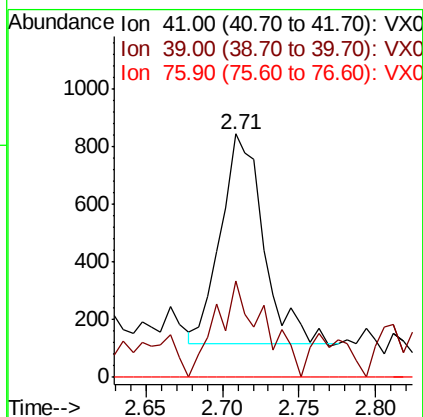
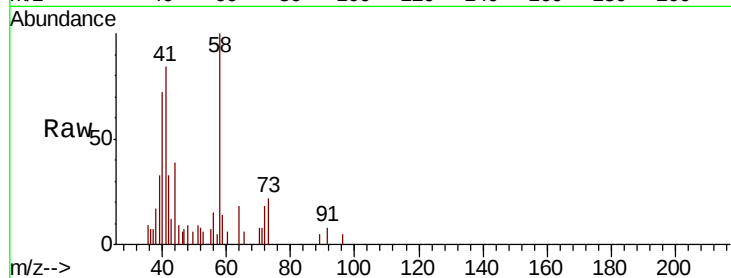




#14
Allvl chloride
Concen: 0.489 ug/l
RT: 2.71 min Scan# 255
Delta R.T. -0.02 min
Lab File: VX010876.D
Acq: 15 Jul 2019 11:59

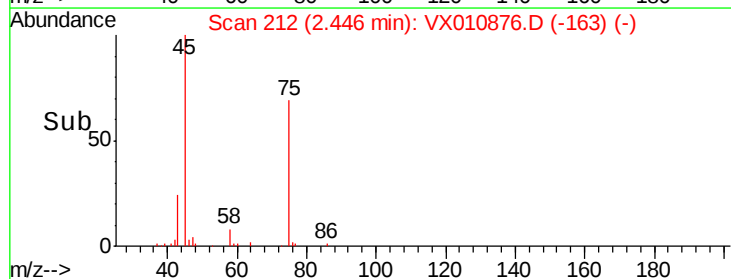
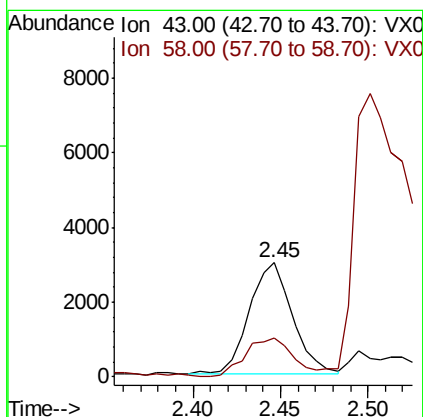
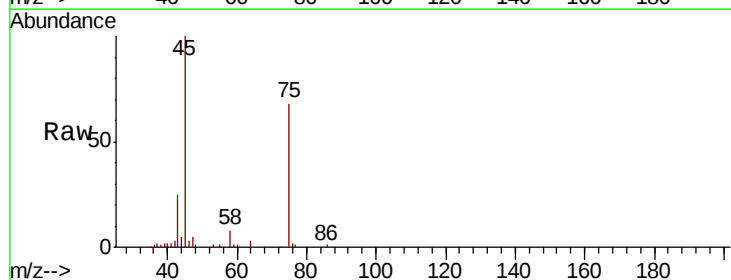
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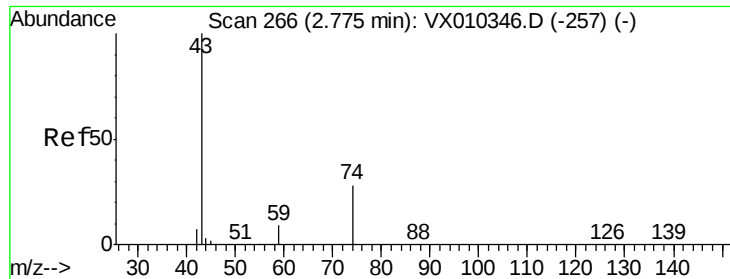
Tot Ion: 41 Resp: 1402
Ion Ratio Lower Upper
41 100
39 52.0 50.3 75.5
76 0.0 31.3 46.9#



#16
Acetone
Concen: 4.691 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX010876.D
Acq: 15 Jul 2019 11:59

Tgt Ion: 43 Resp: 5141
Ion Ratio Lower Upper
43 100
58 33.0 28.9 43.3





#18

Methyl Acetate

Concen: 6.649 ug/l

RT: 3.04 min Scan# 309

Delta R.T. 0.26 min

Lab File: VX010876.D

Acq: 15 Jul 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

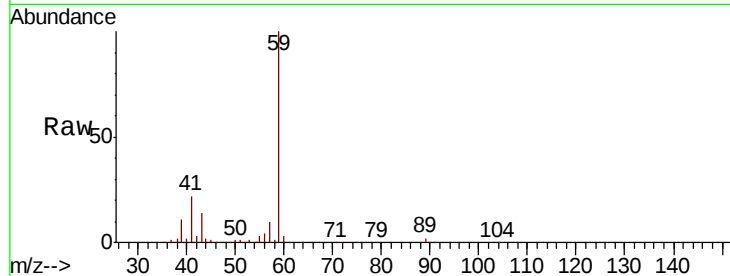
390711759.3-VOA

Tot Ion: 43 Resp: 14521

Ion Ratio Lower Upper

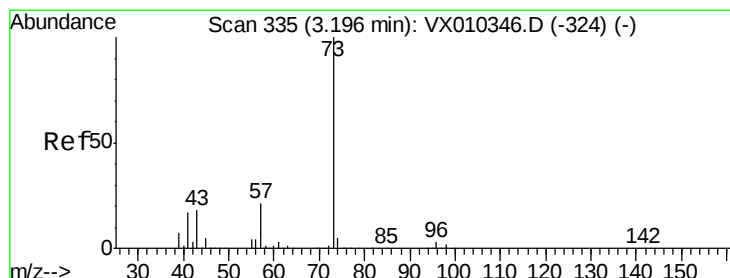
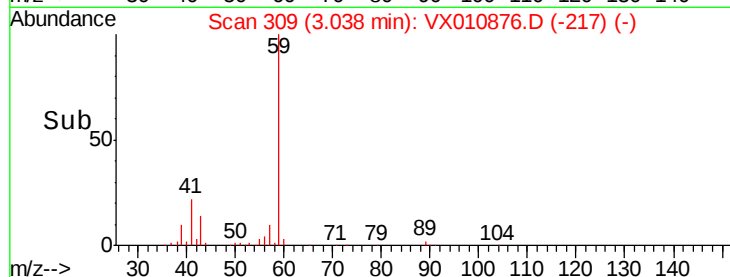
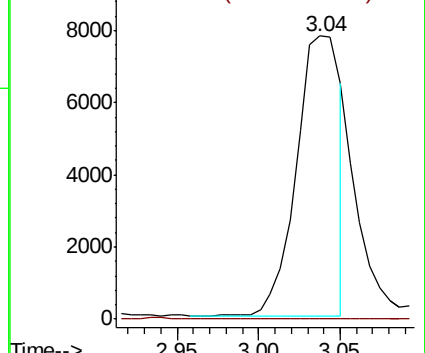
43 100

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



#19

Methyl tert-butyl Ether

Concen: 0.774 ug/l

RT: 3.20 min Scan# 335

Delta R.T. 0.00 min

Lab File: VX010876.D

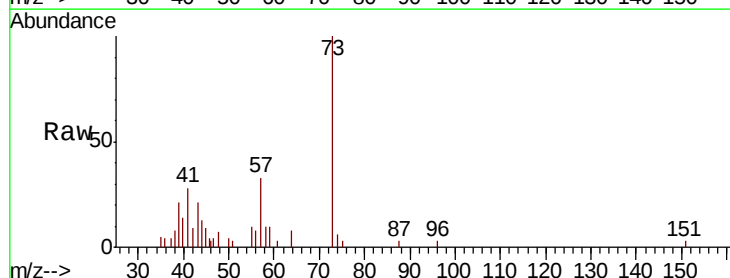
Acq: 15 Jul 2019 11:59

Tgt Ion: 73 Resp: 4920

Ion Ratio Lower Upper

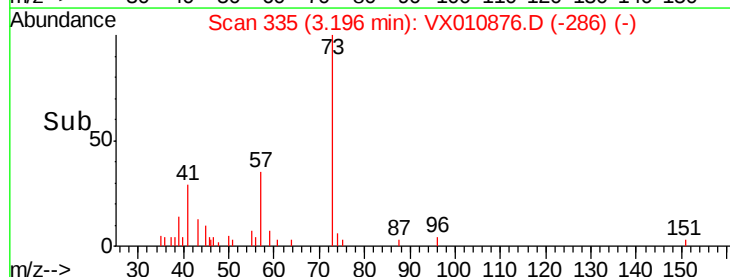
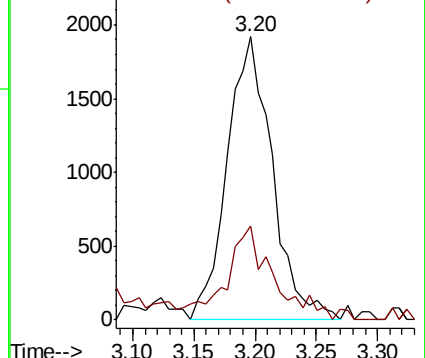
73 100

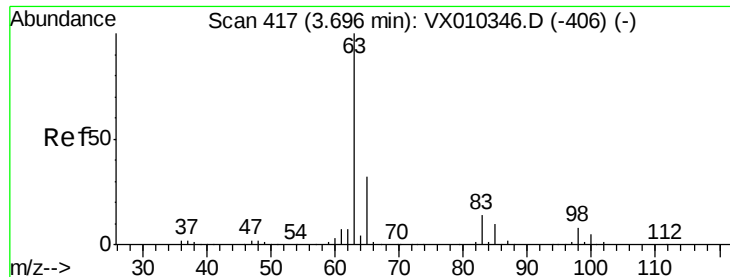
57 29.6 16.4 24.6#



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#24

1,1-Dichloroethane

Concen: 0.373 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX010876.D

Acq: 15 Jul 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

390711759.3-VOA

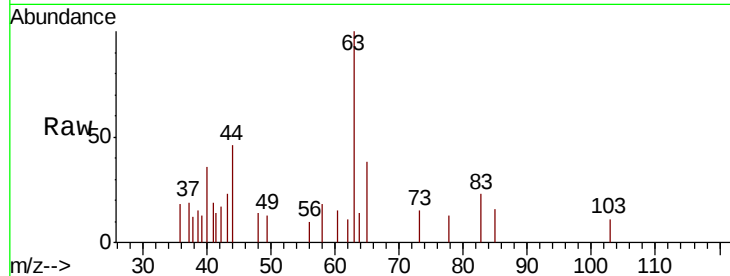
Tot Ion: 63 Resp: 1293

Ion Ratio Lower Upper

63 100

98 0.0 3.9 11.7#

100 0.0 2.4 7.1#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

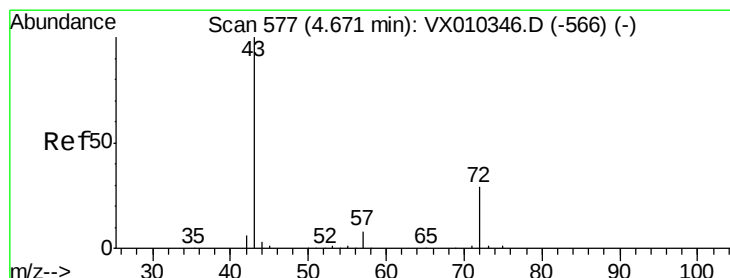
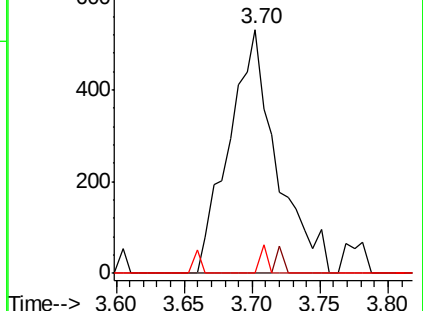
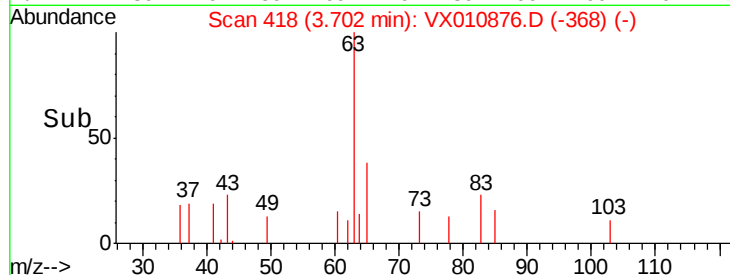
600

400

200

0

Time-->



#25

2-Butanone

Concen: 4.990 ug/l

RT: 4.69 min Scan# 580

Delta R.T. 0.02 min

Lab File: VX010876.D

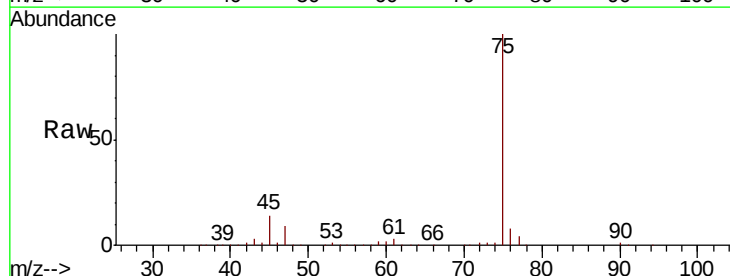
Acq: 15 Jul 2019 11:59

Tgt Ion: 43 Resp: 8021

Ion Ratio Lower Upper

43 100

72 22.8 23.3 34.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

3000

2500

2000

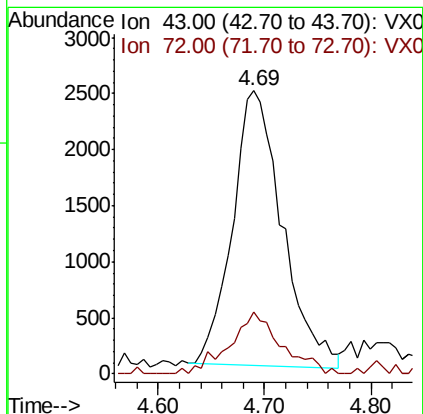
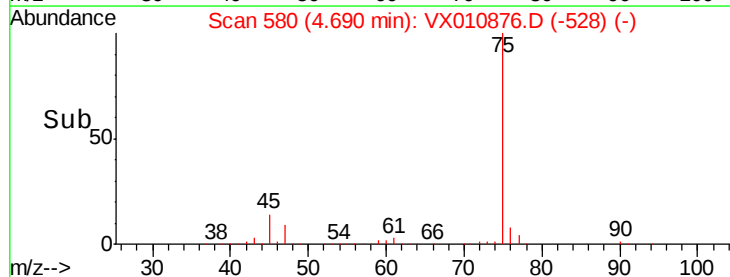
1500

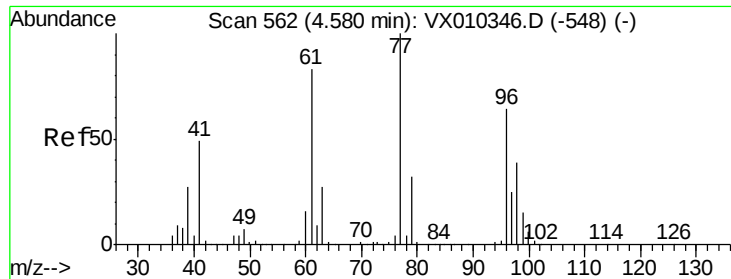
1000

500

0

Time-->

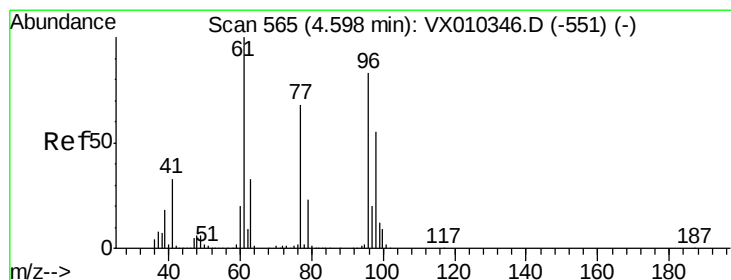
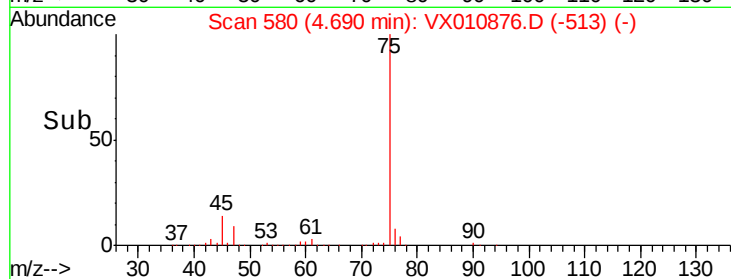
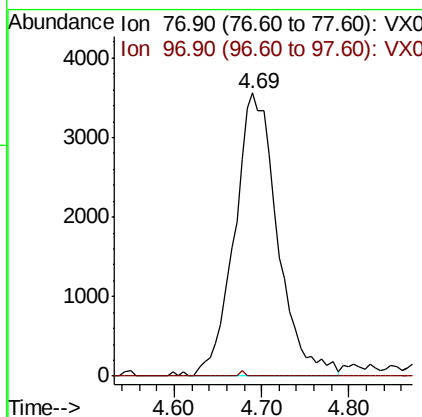
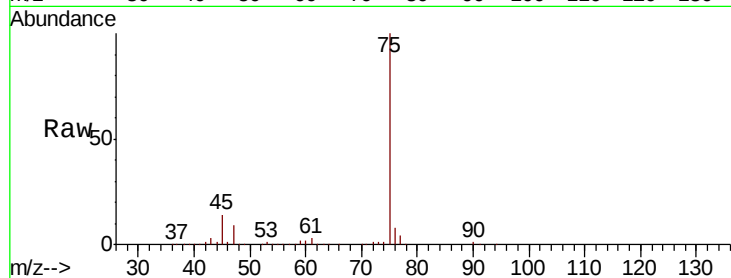




#26
 2,2-Dichloropropane
 Concen: 4.027 ug/l
 RT: 4.69 min Scan# 580
 Delta R.T. 0.11 min
 Lab File: VX010876.D
 Acq: 15 Jul 2019 11:59

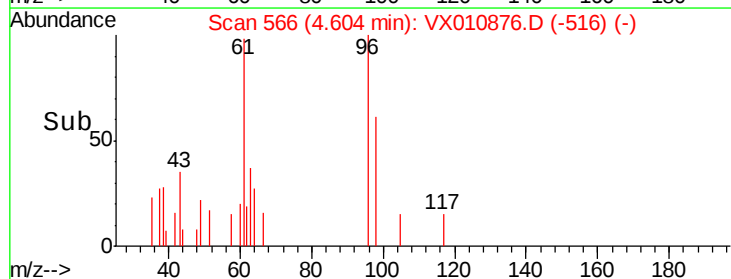
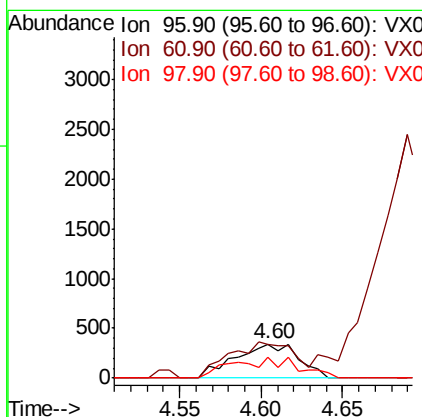
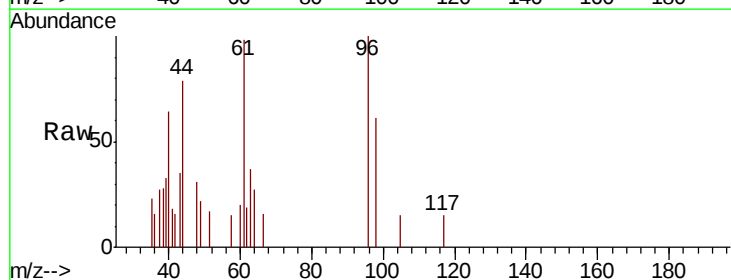
Instrument :
 MSVOA_X
 ClientSampleId :
 390711759.3-VOA

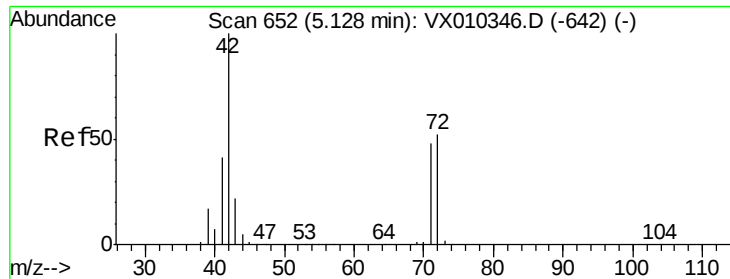
Tot Ion: 77 Resp: 12132
 Ion Ratio Lower Upper
 77 100
 97 0.2 13.1 39.3#



#27
 cis-1,2-Dichloroethene
 Concen: 0.366 ug/l
 RT: 4.60 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: VX010876.D
 Acq: 15 Jul 2019 11:59

Tgt Ion: 96 Resp: 920
 Ion Ratio Lower Upper
 96 100
 61 108.4 0.0 251.8
 98 33.0 0.0 129.4





#29

Tetrahydrofuran

Concen: 154.660 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX010876.D

Acq: 15 Jul 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

390711759.3-VOA

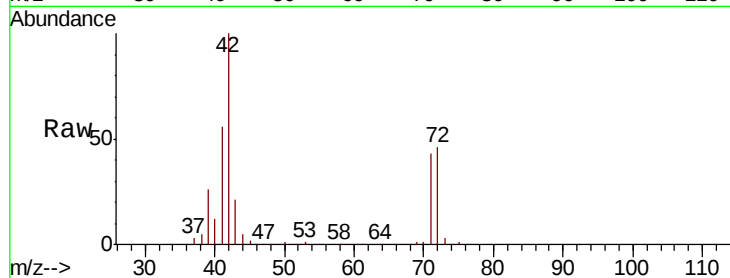
Tot Ion: 42 Resp: 153989

Ion Ratio Lower Upper

42 100

72 48.6 40.6 60.8

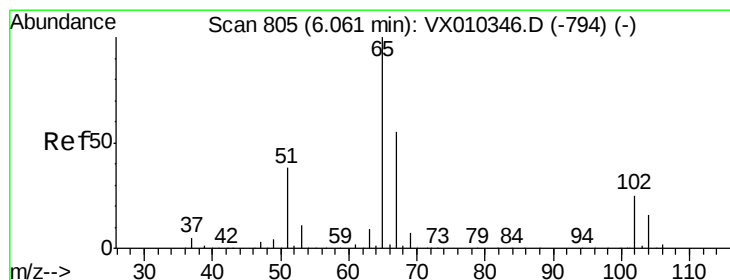
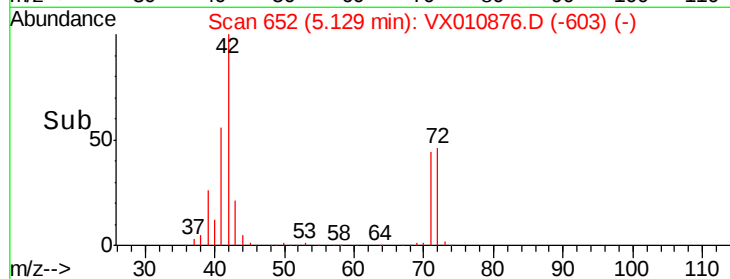
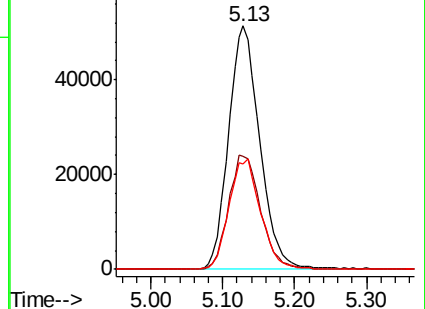
71 46.3 37.8 56.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 55.711 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010876.D

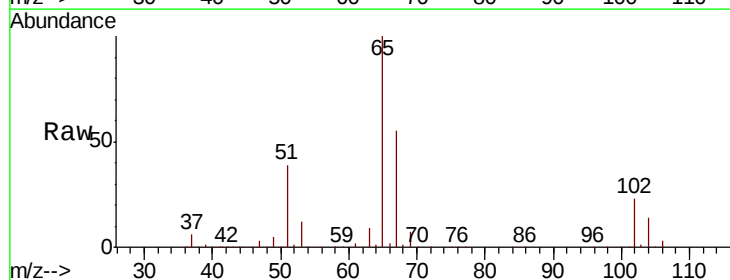
Acq: 15 Jul 2019 11:59

Tgt Ion: 65 Resp: 121815

Ion Ratio Lower Upper

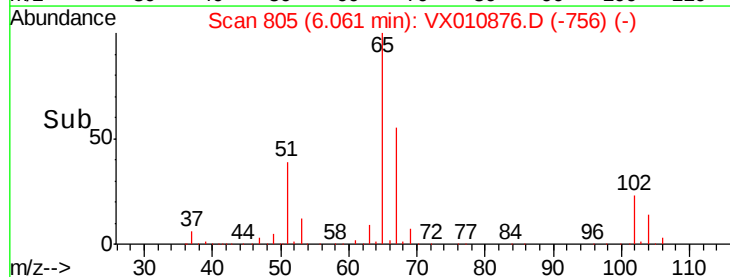
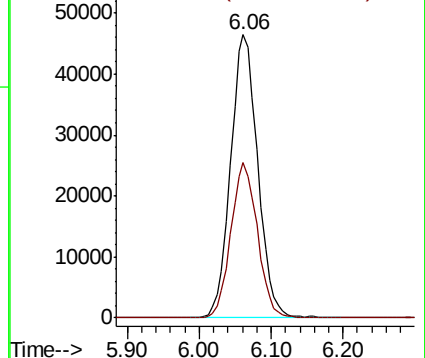
65 100

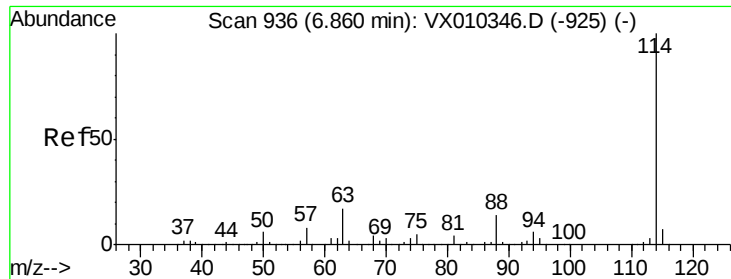
67 53.5 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

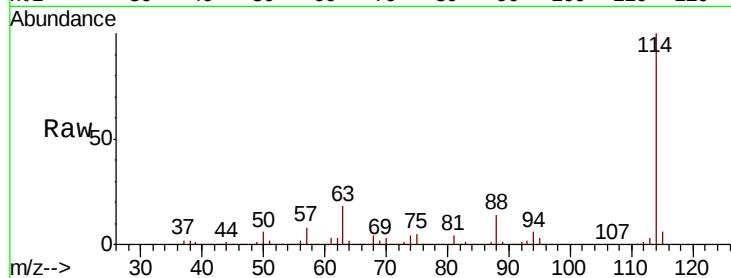




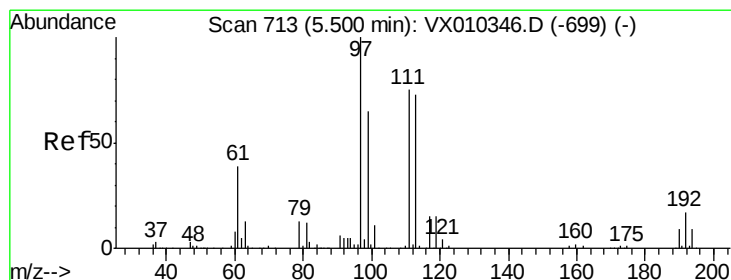
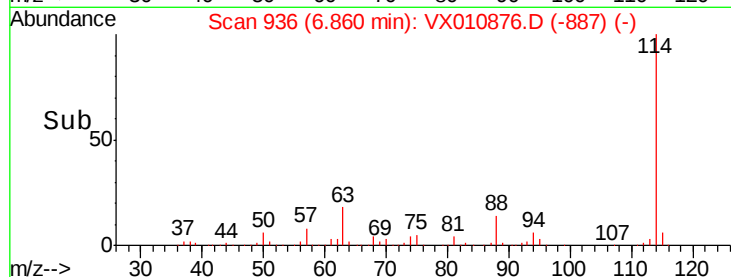
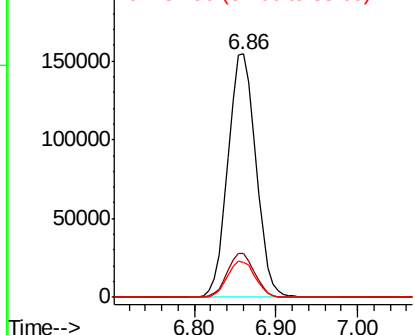
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010876.D
 Acq: 15 Jul 2019 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 390711759.3-VOA

Tot Ion:114 Resp: 365898
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 33.8
 88 14.5 0.0 27.6

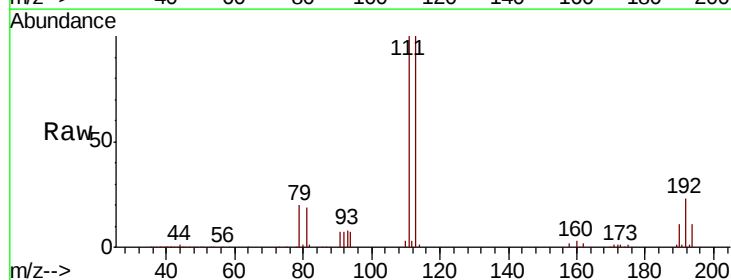


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

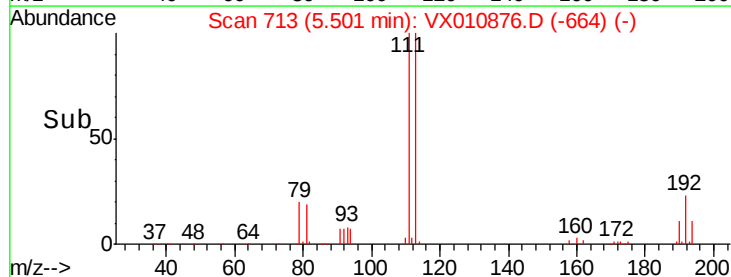
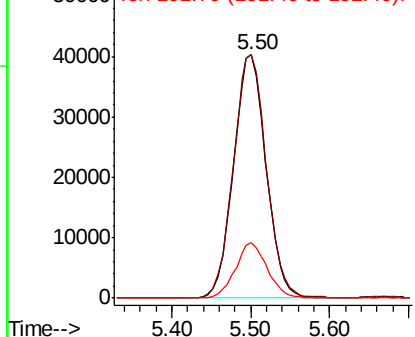


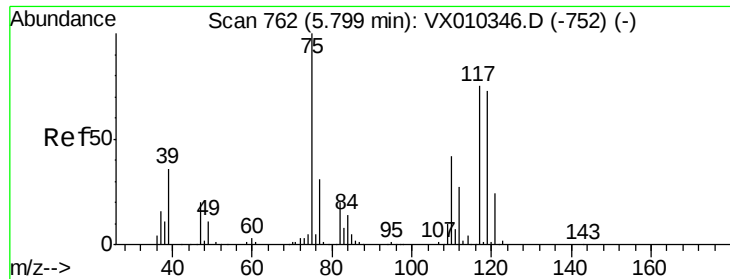
#35
 Dibromofluoromethane
 Concen: 51.459 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010876.D
 Acq: 15 Jul 2019 11:59

Tgt Ion:113 Resp: 115202
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.2 121.8
 192 22.3 18.6 27.8



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

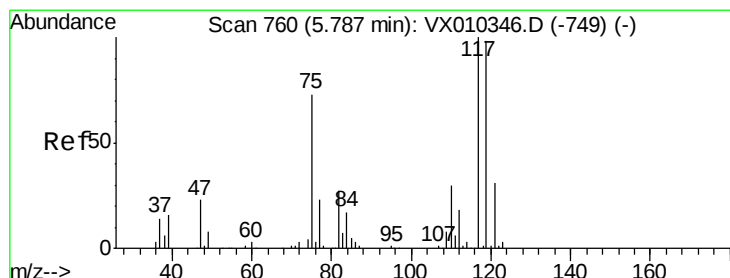
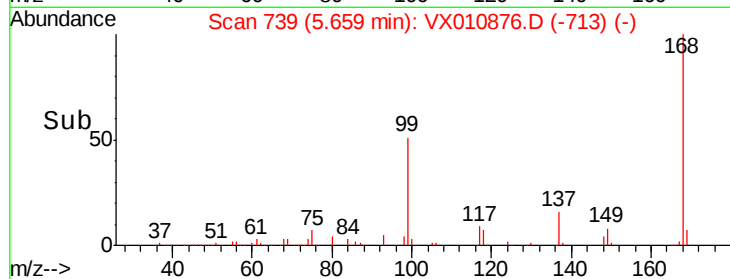
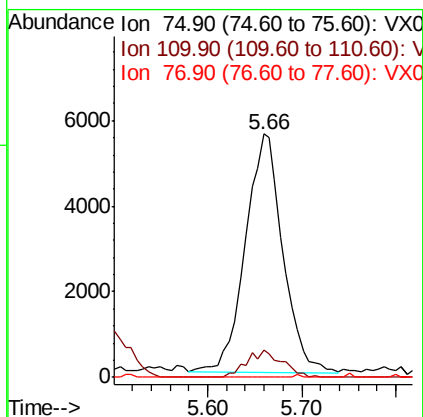
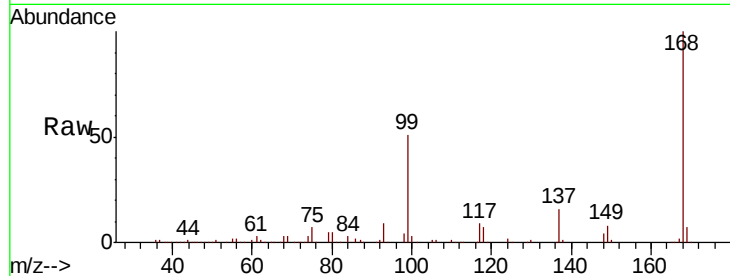




#36
 1,1-Dichloropropene
 Concen: 5.371 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX010876.D
 Acq: 15 Jul 2019 11:59

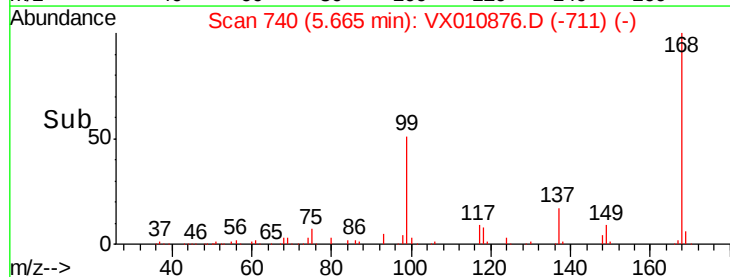
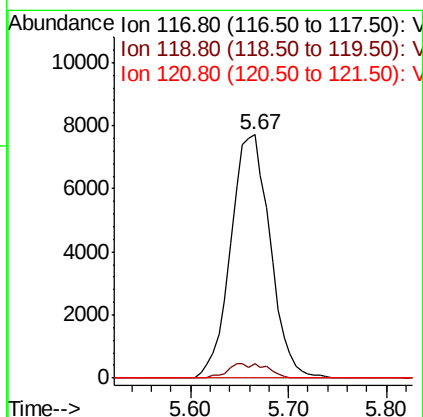
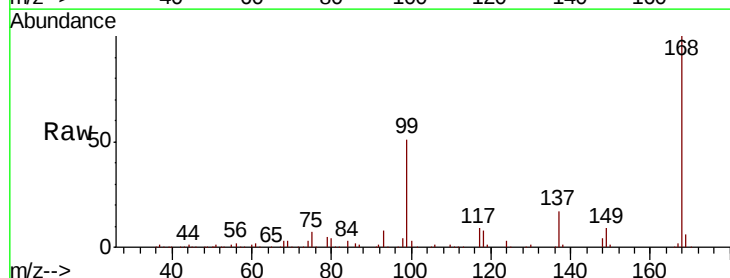
Instrument :
 MSVOA_X
 ClientSampleId :
 390711759.3-VOA

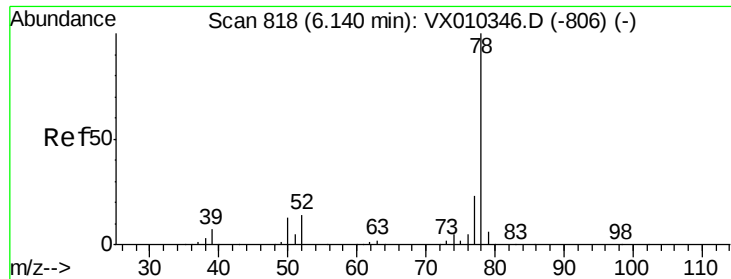
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.7	20.8	62.2#
77	0.0	25.4	38.0#



#38
 Carbon Tetrachloride
 Concen: 6.851 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX010876.D
 Acq: 15 Jul 2019 11:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.7	78.2	117.4#
121	0.0	24.7	37.1#





#40

Benzene

Concen: 1.211 ug/l

RT: 6.14 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX010876.D

Acq: 15 Jul 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

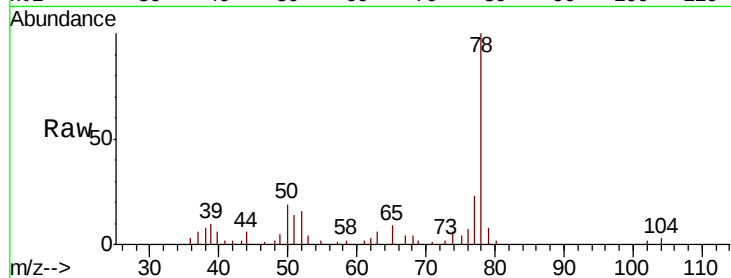
390711759.3-VOA

Tot Ion: 78 Resp: 10968

Ion Ratio Lower Upper

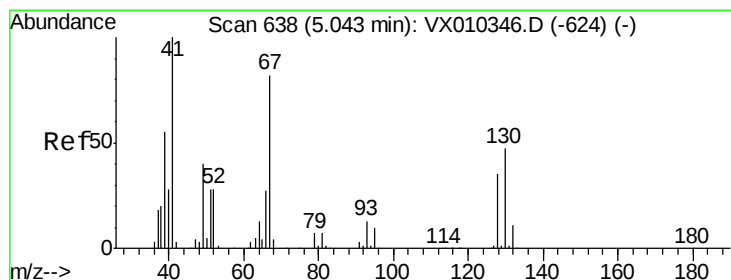
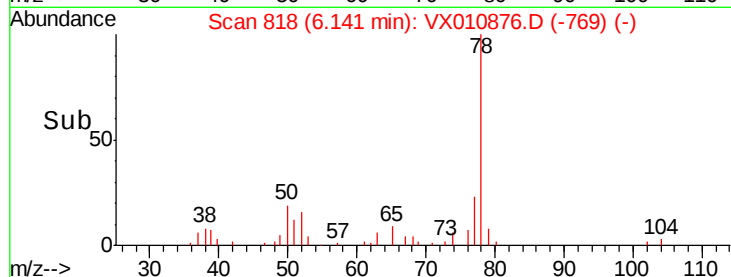
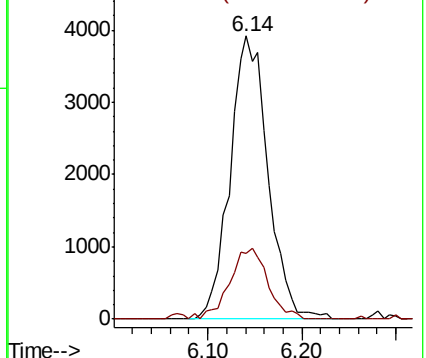
78 100

77 23.4 18.6 28.0



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#41

Methacrylonitrile

Concen: 52.747 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.09 min

Lab File: VX010876.D

Acq: 15 Jul 2019 11:59

Tgt Ion: 41 Resp: 86570

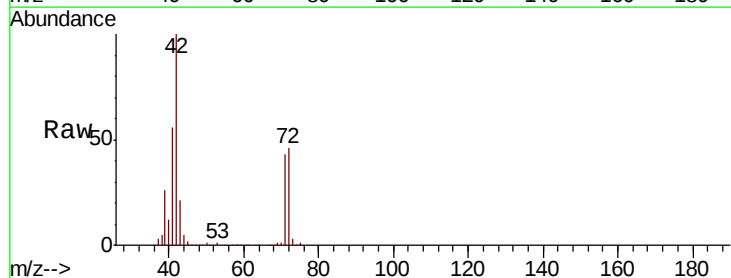
Ion Ratio Lower Upper

41 100

39 46.3 43.8 65.8

67 0.0 66.6 100.0#

52 0.2 24.5 36.7#

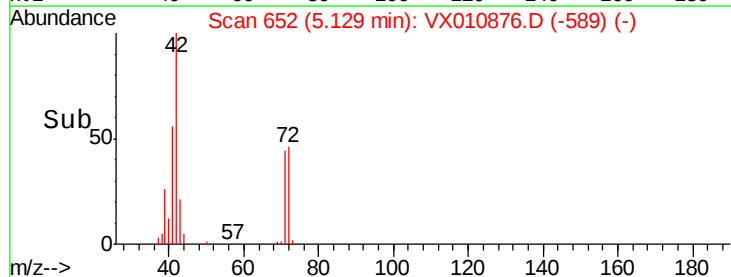
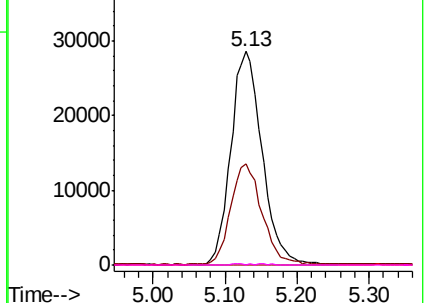


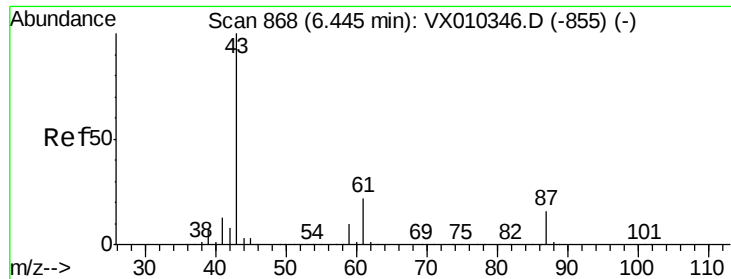
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0





#43

Isopropyl Acetate

Concen: 0.321 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX010876.D

Acq: 15 Jul 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

390711759.3-VOA

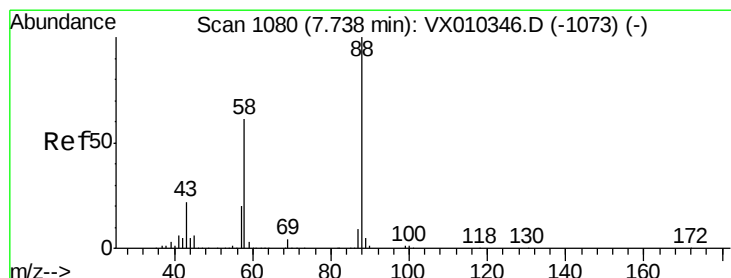
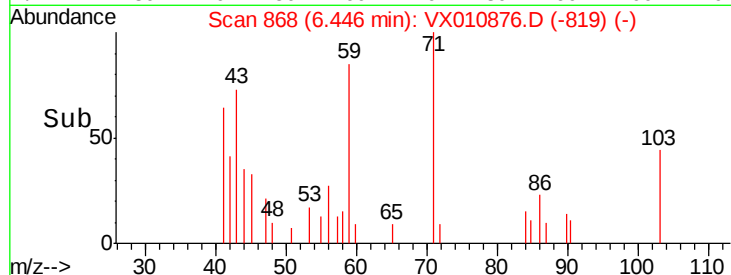
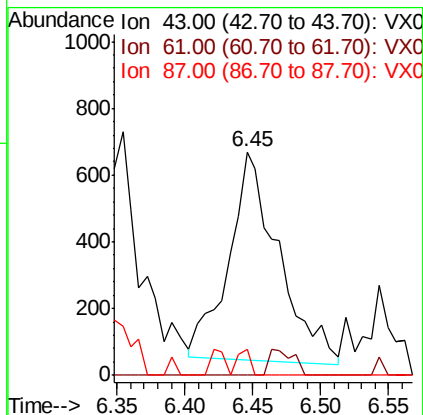
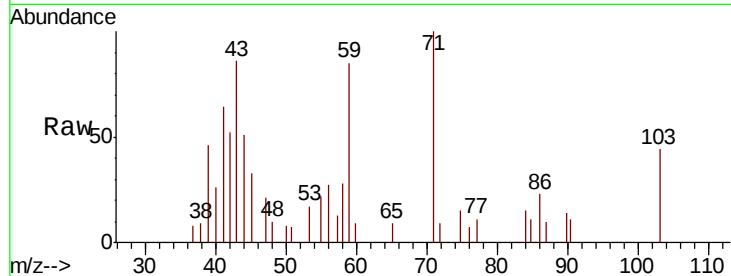
Tot Ion: 43 Resp: 1591

Ion Ratio Lower Upper

43 100

61 6.1 17.8 26.6#

87 3.2 13.0 19.4#



#49

1,4-Dioxane

Concen: 181.568 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX010876.D

Acq: 15 Jul 2019 11:59

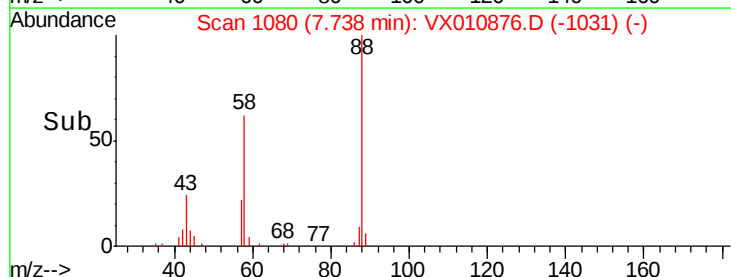
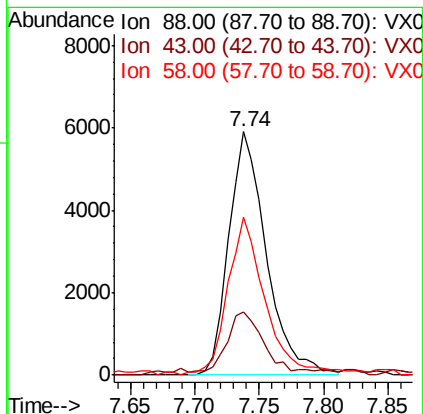
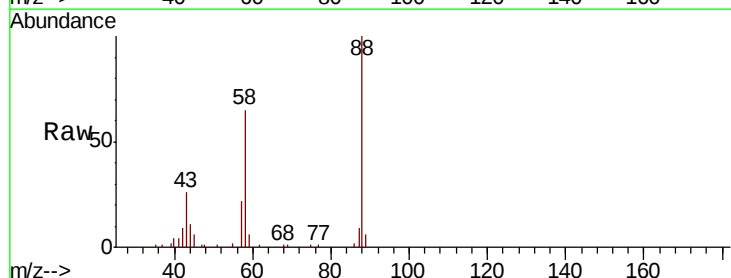
Tgt Ion: 88 Resp: 12032

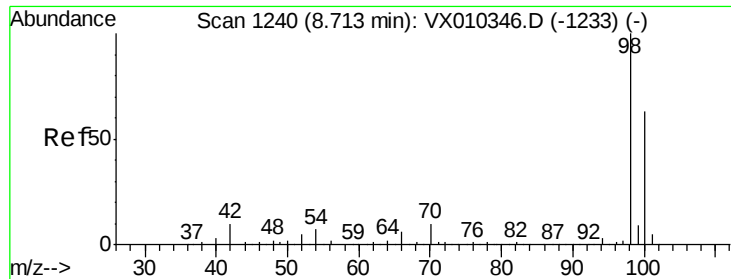
Ion Ratio Lower Upper

88 100

43 24.0 20.2 30.2

58 65.5 49.5 74.3





#50

Toluene-d8

Concen: 50.646 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010876.D

Acq: 15 Jul 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

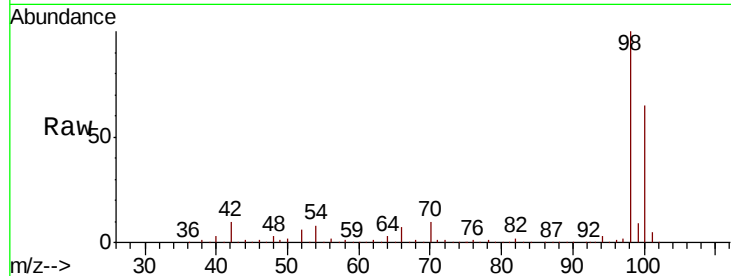
390711759.3-VOA

Tot Ion: 98 Resp: 433770

Ion Ratio Lower Upper

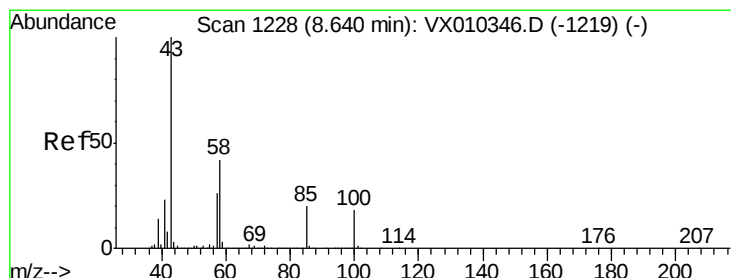
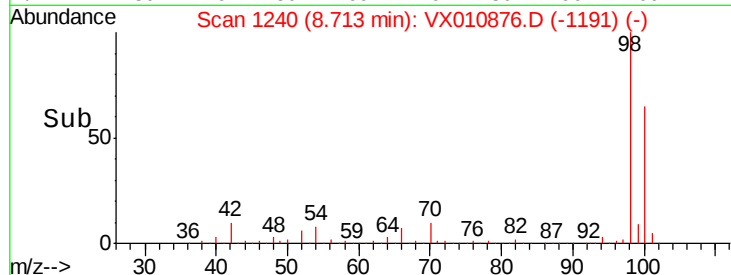
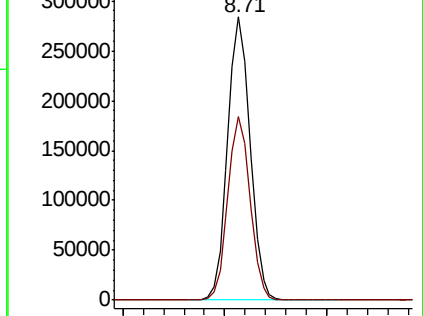
98 100

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): VX0



#51

4-Methyl-2-Pentanone

Concen: 1.447 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. -0.02 min

Lab File: VX010876.D

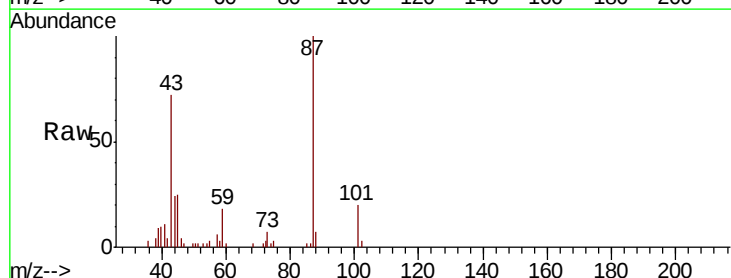
Acq: 15 Jul 2019 11:59

Tgt Ion: 43 Resp: 4581

Ion Ratio Lower Upper

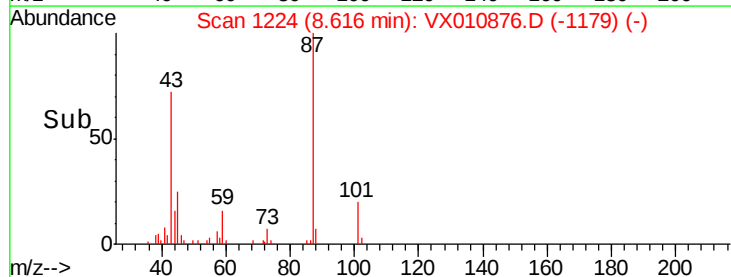
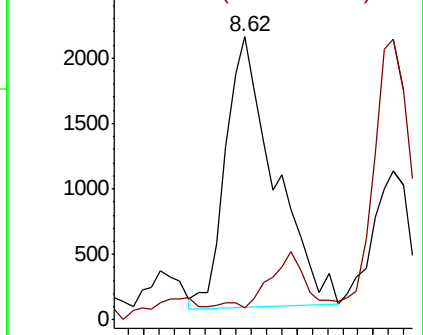
43 100

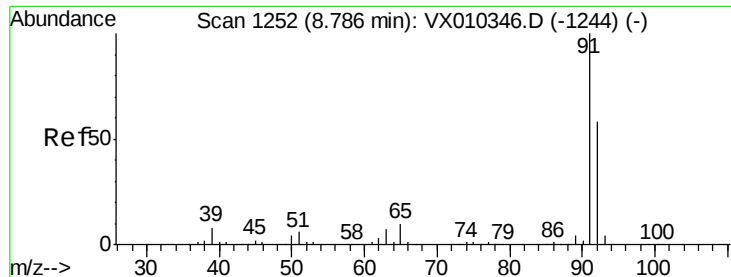
58 0.0 33.5 50.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#52

Toluene

Concen: 0.682 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX010876.D

Acq: 15 Jul 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

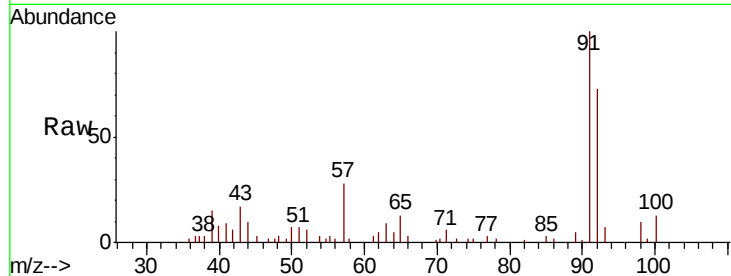
390711759.3-VOA

Tot Ion: 92 Resp: 4066

Ion Ratio Lower Upper

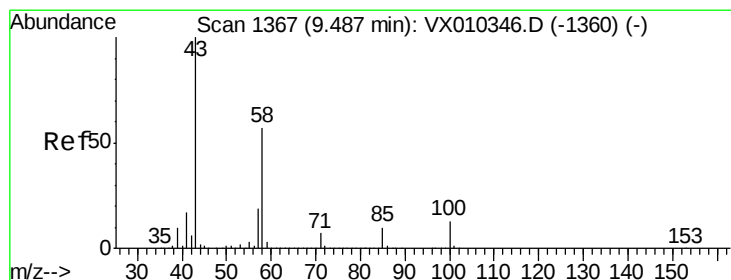
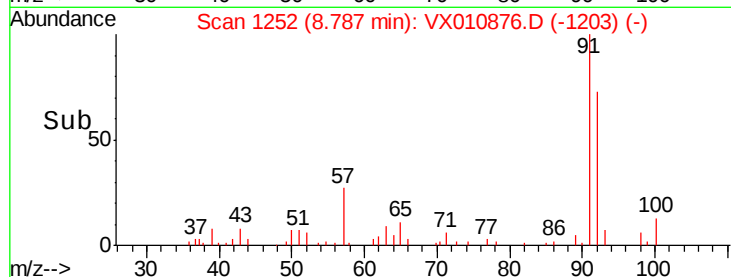
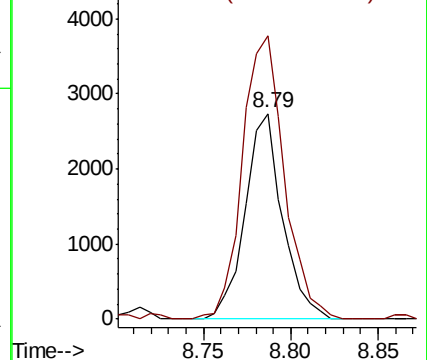
92 100

91 154.2 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#59

2-Hexanone

Concen: 1.396 ug/l

RT: 9.30 min Scan# 1337

Delta R.T. -0.18 min

Lab File: VX010876.D

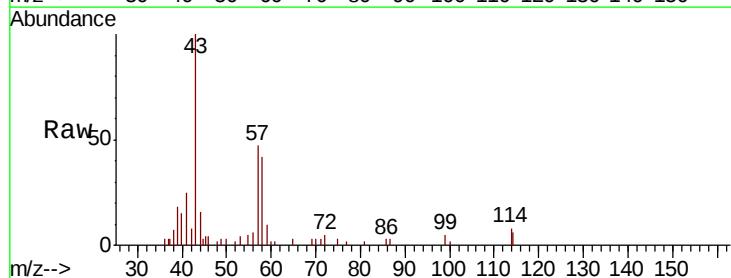
Acq: 15 Jul 2019 11:59

Tgt Ion: 43 Resp: 3477

Ion Ratio Lower Upper

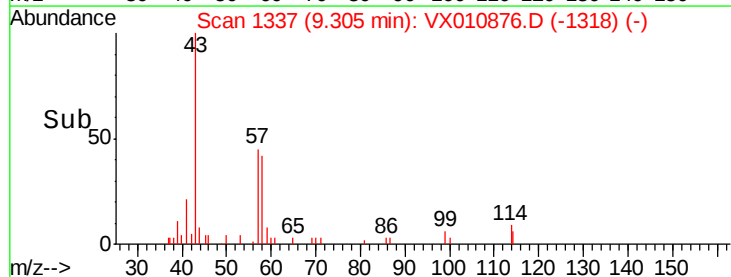
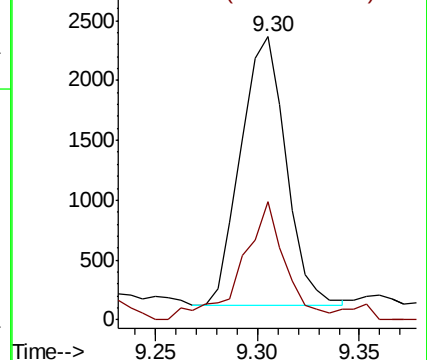
43 100

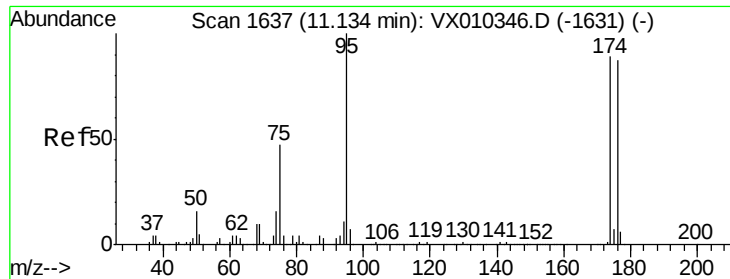
58 42.3 29.0 87.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

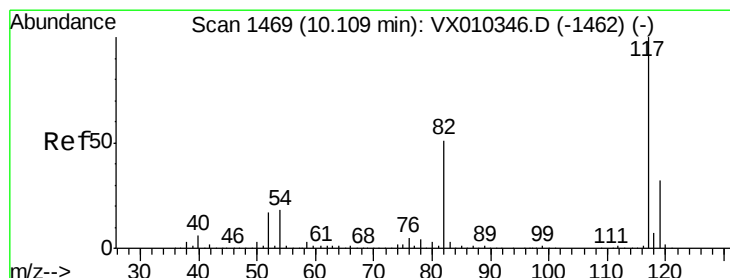
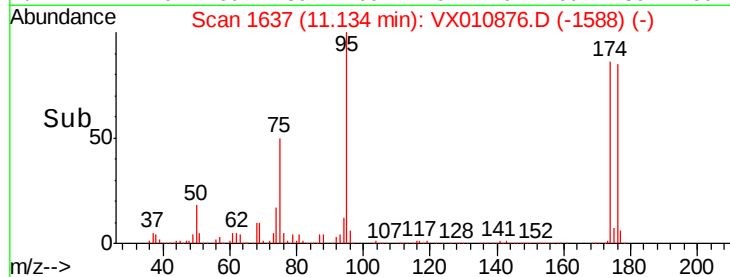
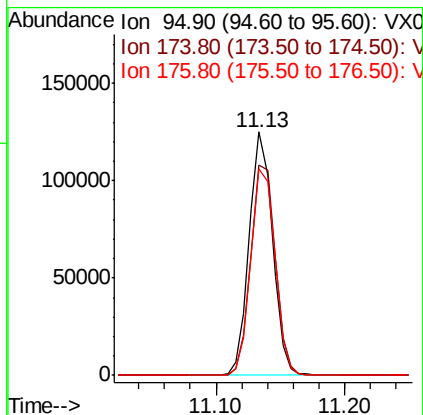
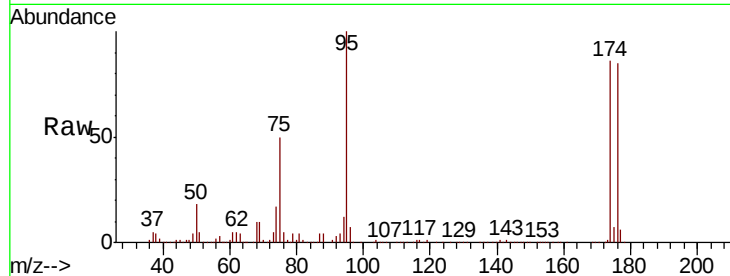




#62
4-Bromofluorobenzene
Concen: 50.379 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010876.D
Acq: 15 Jul 2019 11:59

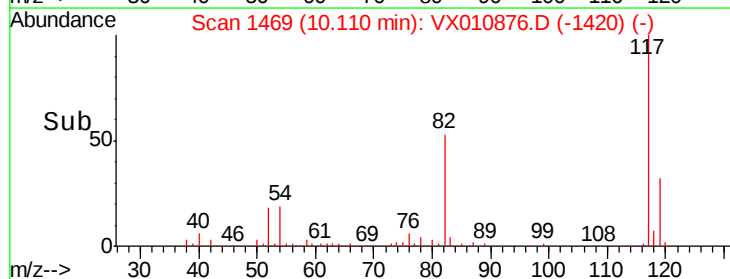
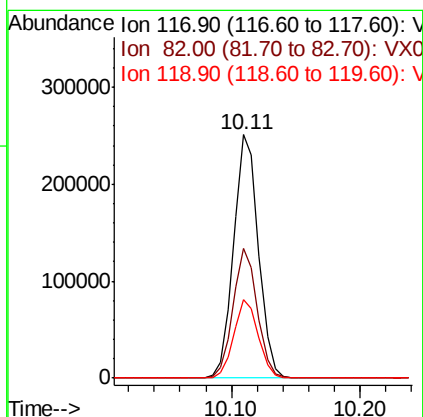
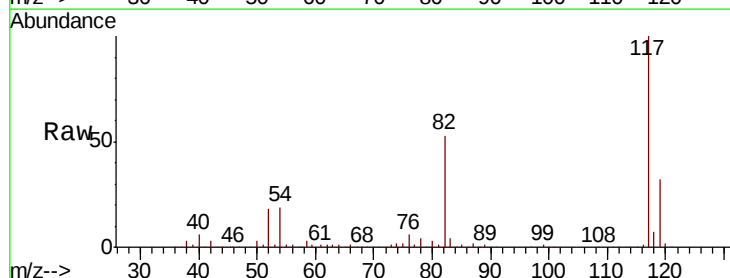
Instrument :
MSVOA_X
ClientSampleId :
390711759.3-VOA

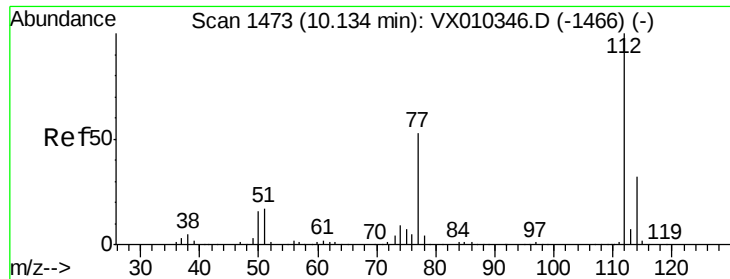
Tot Ion: 95 Resp: 155780
Ion Ratio Lower Upper
95 100
174 90.9 0.0 187.6
176 88.3 0.0 184.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010876.D
Acq: 15 Jul 2019 11:59

Tgt Ion: 117 Resp: 336754
Ion Ratio Lower Upper
117 100
82 53.3 41.2 61.8
119 32.1 25.5 38.3

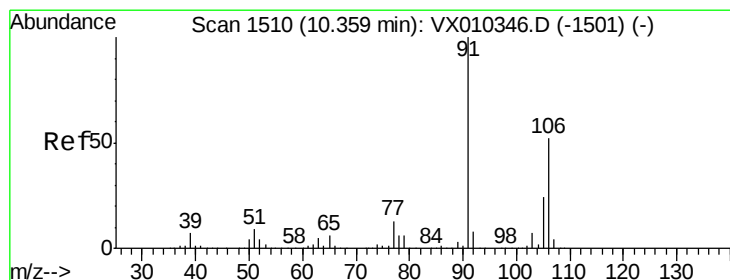
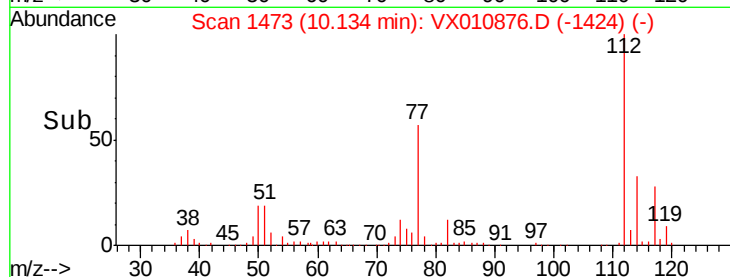
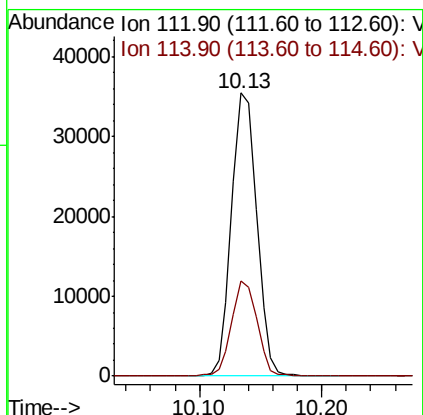
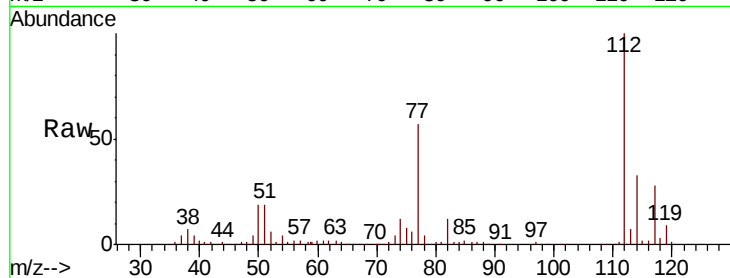




#65
Chlorobenzene
Concen: 7.433 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010876.D
Acq: 15 Jul 2019 11:59

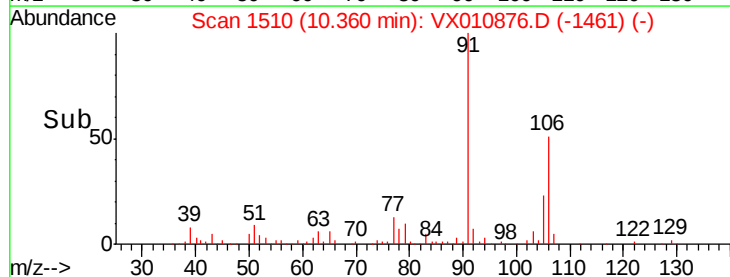
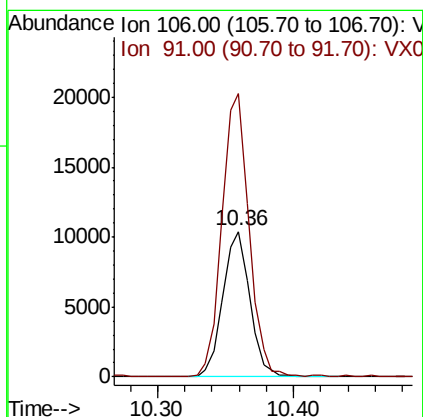
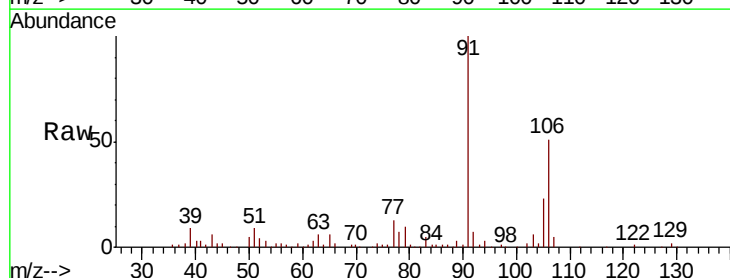
Instrument :
MSVOA_X
ClientSampleId :
390711759.3-VOA

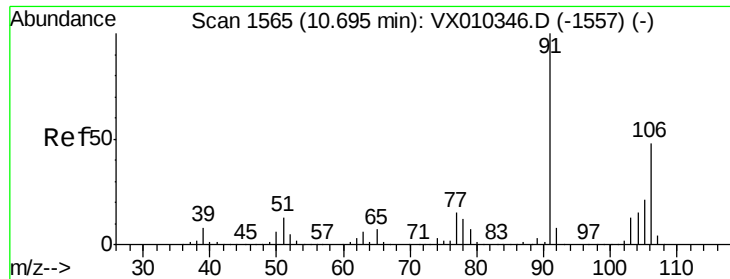
Tot Ion:112 Resp: 50817
Ion Ratio Lower Upper
112 100
114 33.3 25.4 38.2



#68
m/p-Xylenes
Concen: 3.197 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010876.D
Acq: 15 Jul 2019 11:59

Tgt Ion:106 Resp: 14299
Ion Ratio Lower Upper
106 100
91 196.2 155.3 232.9

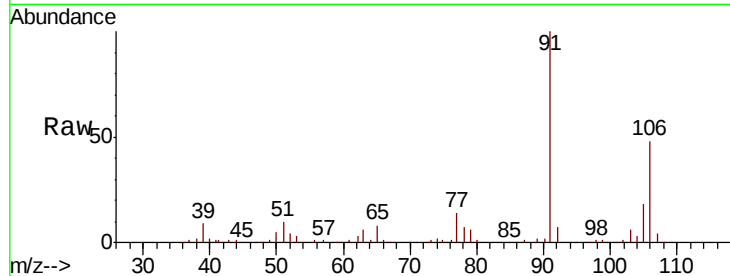




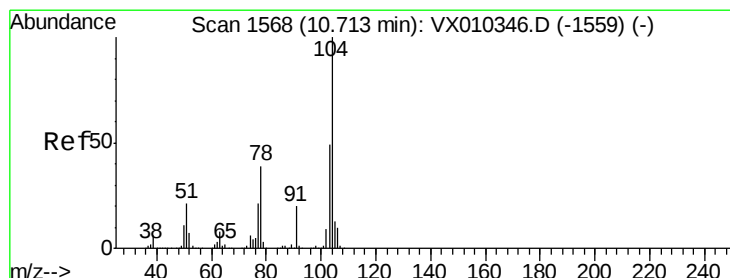
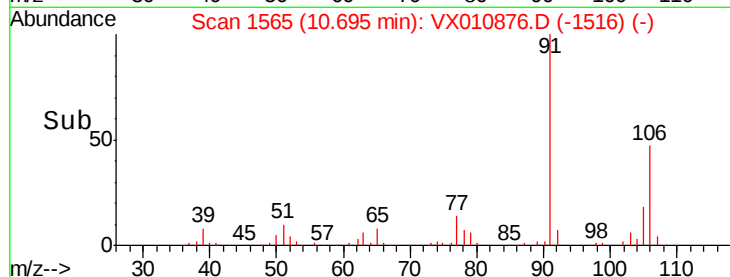
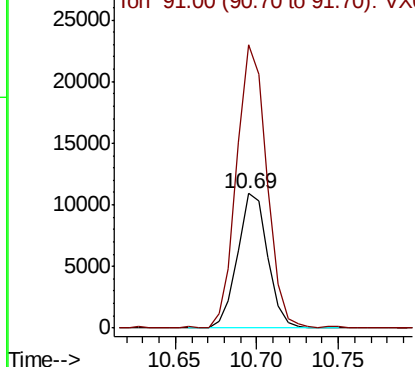
#69
o-Xylene
Concen: 3.220 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010876.D
Acq: 15 Jul 2019 11:59

Instrument :
MSVOA_X
ClientSampleId :
390711759.3-VOA

Tot Ion:106 Resp: 14162
Ion Ratio Lower Upper
106 100
91 210.0 102.7 308.1

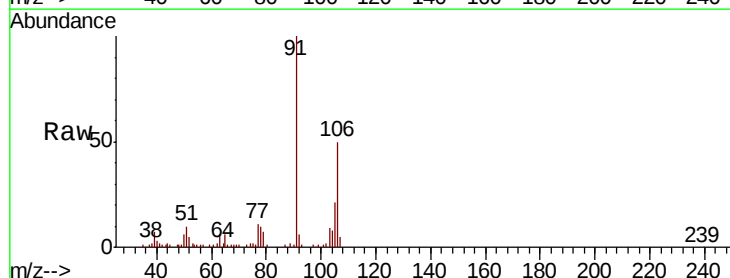


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

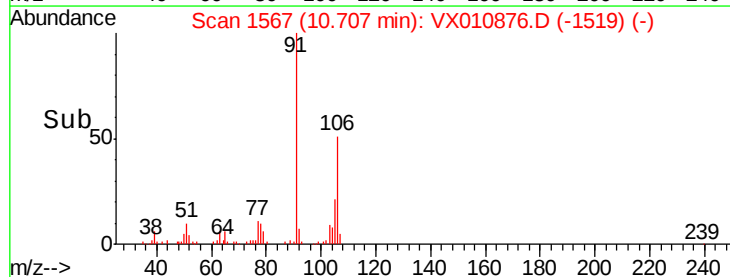
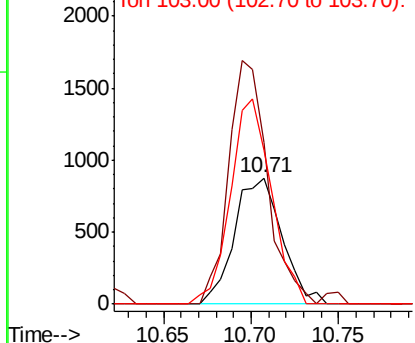


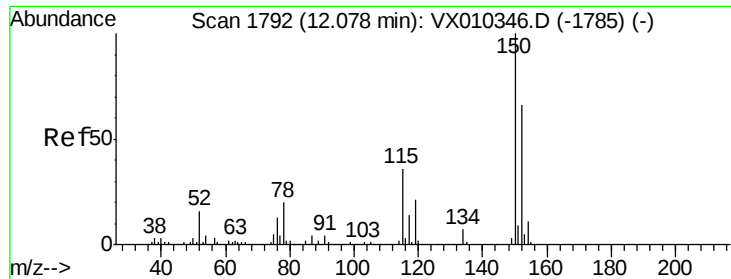
#70
Styrene
Concen: 0.226 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX010876.D
Acq: 15 Jul 2019 11:59

Tgt Ion:104 Resp: 1664
Ion Ratio Lower Upper
104 100
78 157.5 36.2 54.2#
103 139.7 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: VX010876.D

Acq: 15 Jul 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

390711759.3-VOA

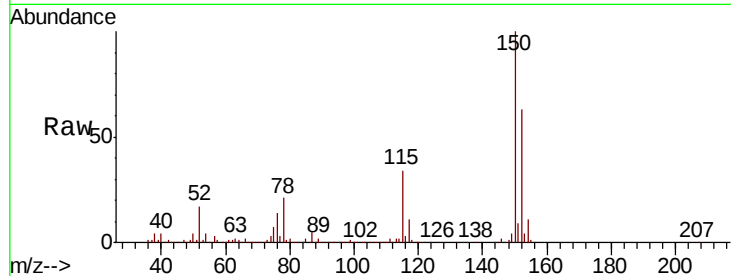
Tot Ion:152 Resp: 162520

Ion Ratio Lower Upper

152 100

115 55.1 38.6 115.7

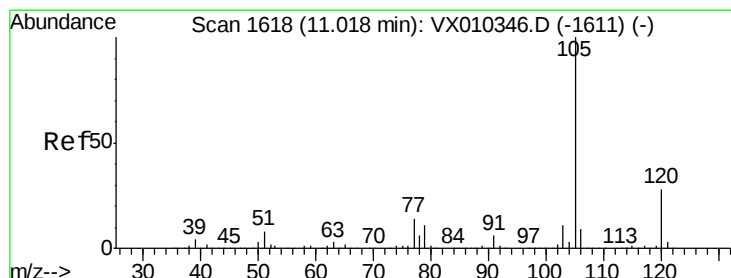
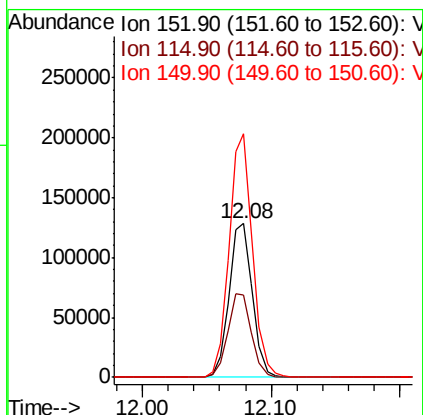
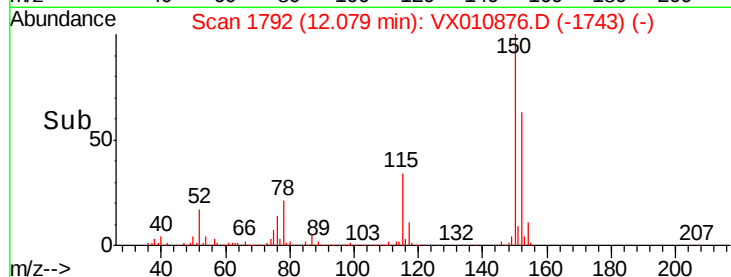
150 158.7 0.0 347.4



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: 0.570 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010876.D

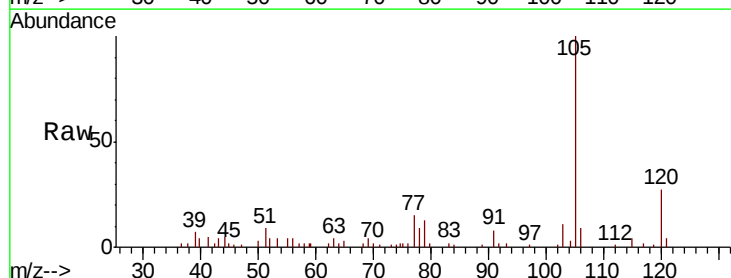
Acq: 15 Jul 2019 11:59

Tgt Ion:105 Resp: 6276

Ion Ratio Lower Upper

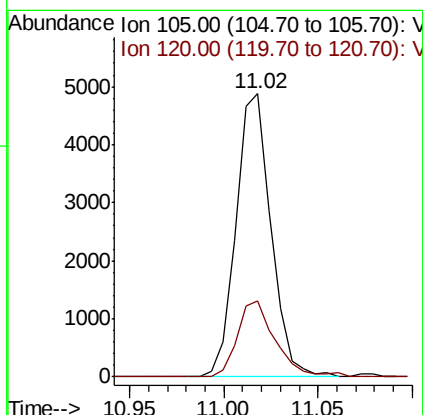
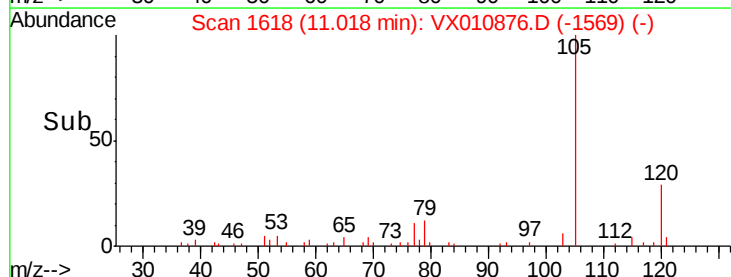
105 100

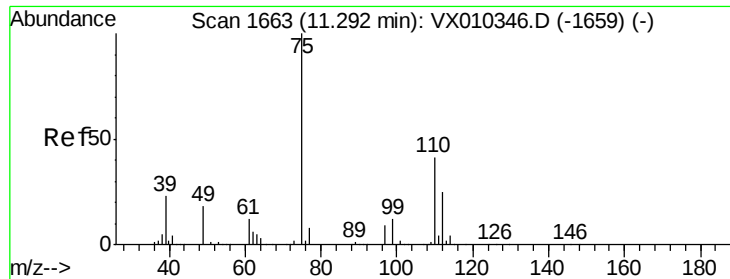
120 29.3 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

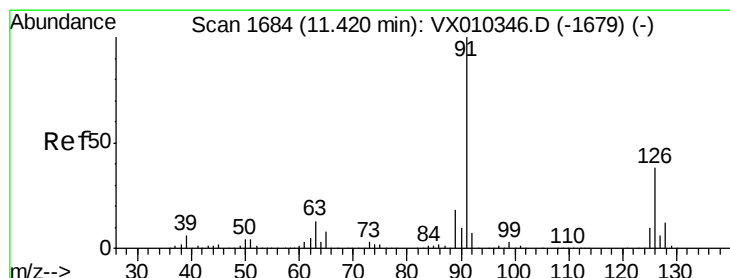
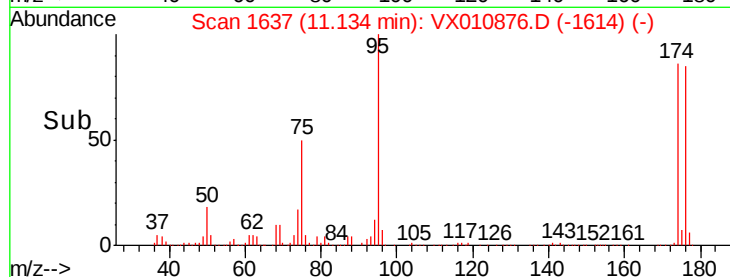
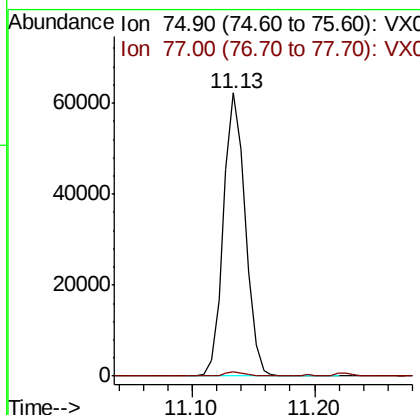
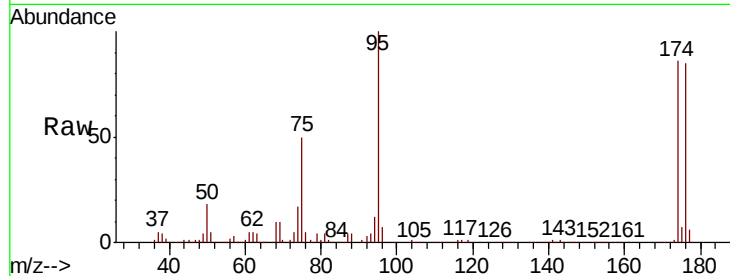




#76
 1,2,3-Trichloropropane
 Concen: 26.048 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX010876.D
 Acq: 15 Jul 2019 11:59

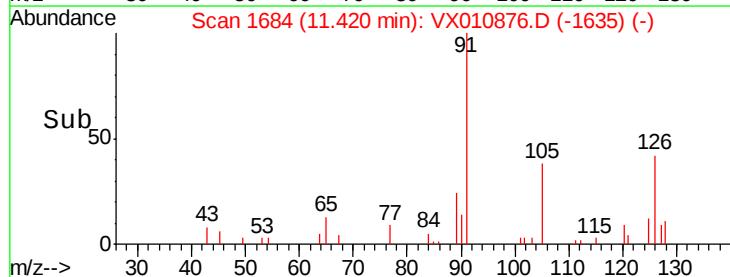
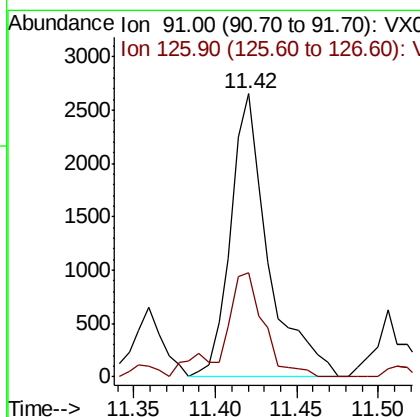
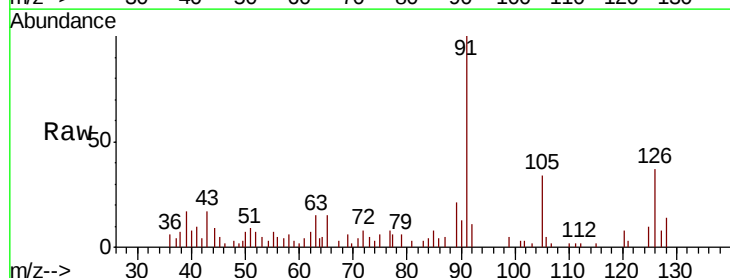
Instrument :
 MSVOA_X
 ClientSampleId :
 390711759.3-VOA

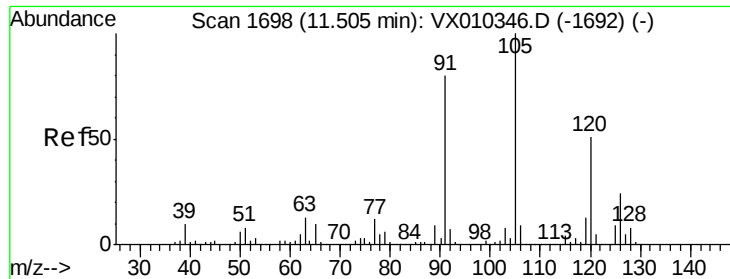
Tot Ion: 75 Resp: 77143
 Ion Ratio Lower Upper
 75 100
 77 1.4 22.6 67.8#



#79
 2-Chlorotoluene
 Concen: 0.591 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX010876.D
 Acq: 15 Jul 2019 11:59

Tgt Ion: 91 Resp: 4264
 Ion Ratio Lower Upper
 91 100
 126 38.8 18.7 56.1

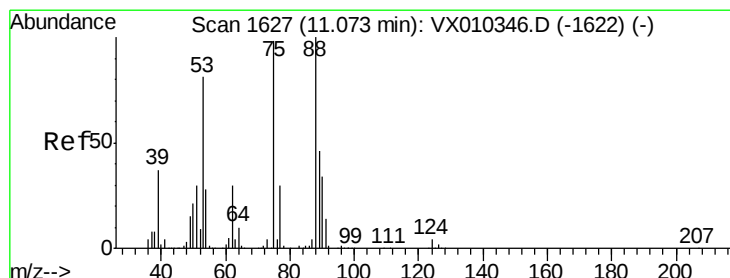
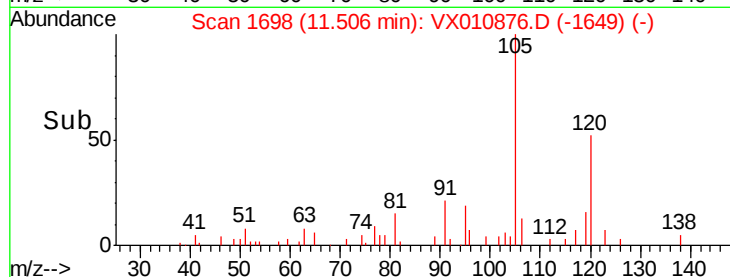
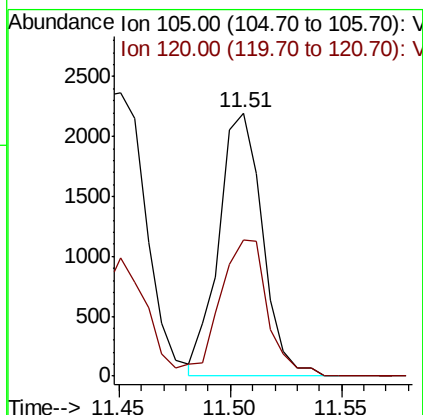
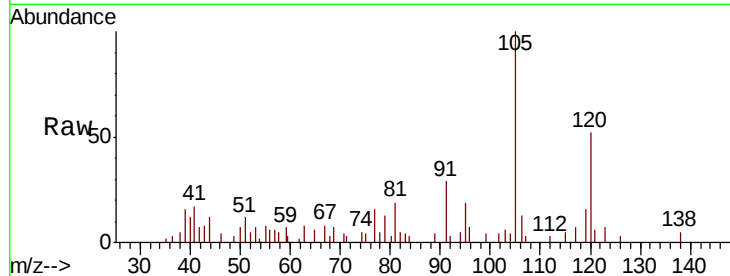




#80
 1,3,5-Trimethylbenzene
 Concen: 0.329 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010876.D
 Acq: 15 Jul 2019 11:59

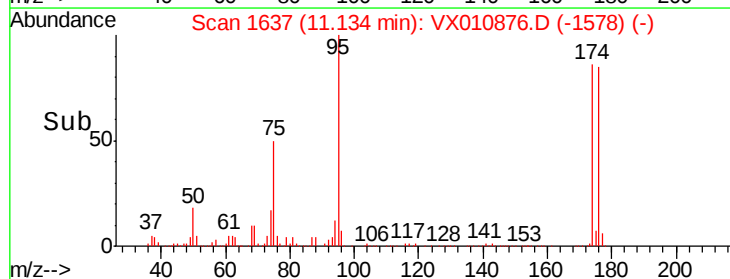
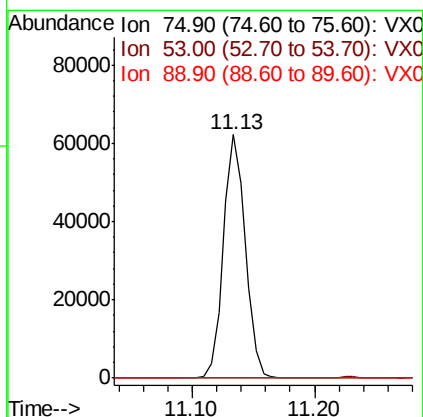
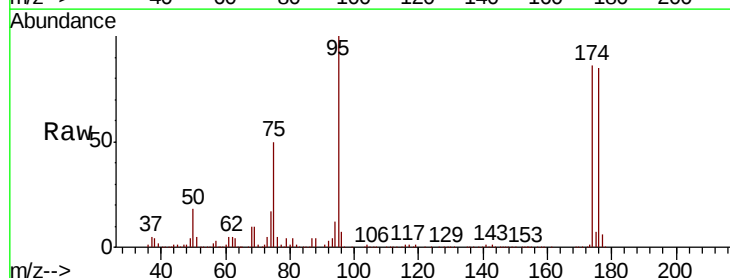
Instrument :
 MSVOA_X
 ClientSampleId :
 390711759.3-VOA

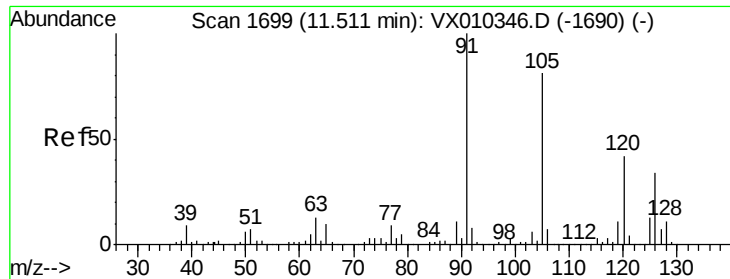
Tot Ion:105 Resp: 2992
 Ion Ratio Lower Upper
 105 100
 120 56.9 25.2 75.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.768 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX010876.D
 Acq: 15 Jul 2019 11:59

Tgt Ion: 75 Resp: 77143
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.1 99.1#
 89 0.0 37.8 56.6#

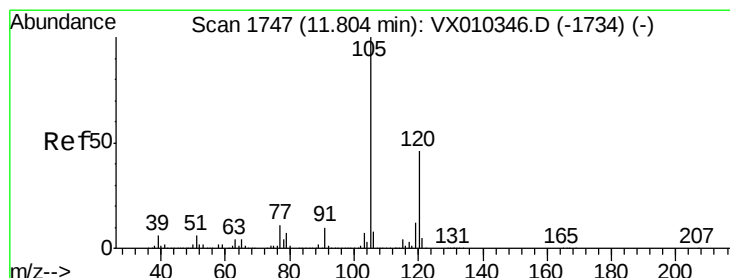
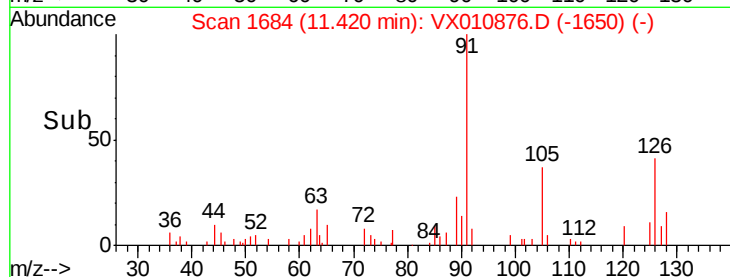
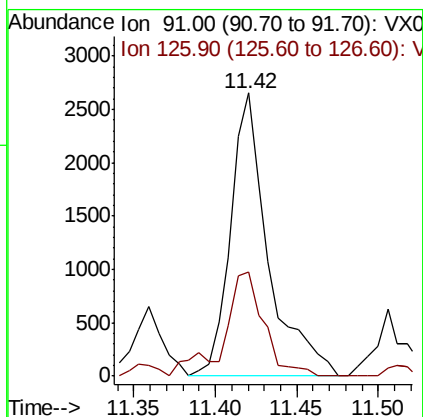
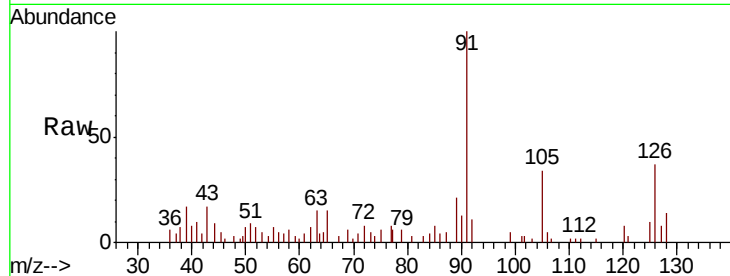




#82
4-Chlorotoluene
Concen: 0.520 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. -0.09 min
Lab File: VX010876.D
Acq: 15 Jul 2019 11:59

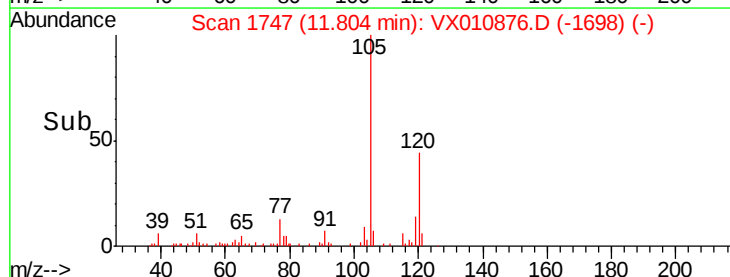
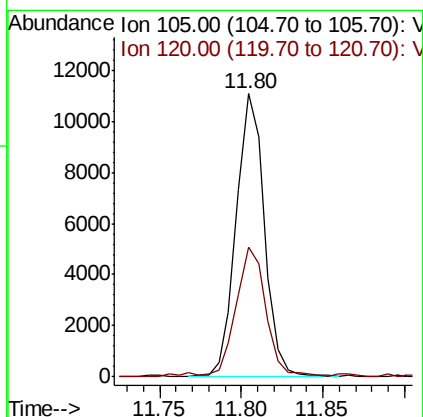
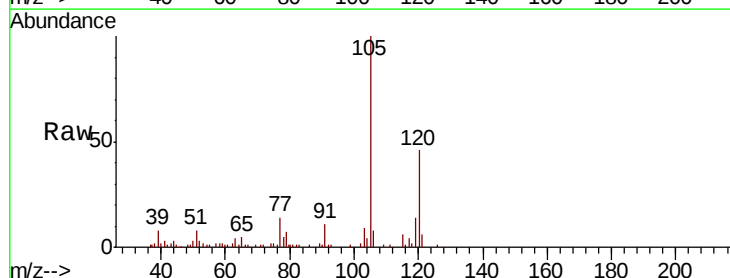
Instrument :
MSVOA_X
ClientSampleId :
390711759.3-VOA

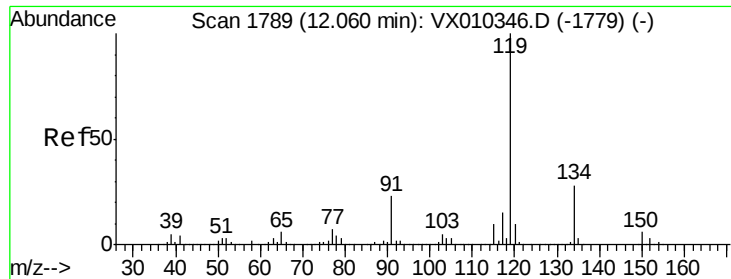
Tot Ion: 91 Resp: 4264
Ion Ratio Lower Upper
91 100
126 38.8 16.2 48.6



#84
1,2,4-Trimethylbenzene
Concen: 1.468 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX010876.D
Acq: 15 Jul 2019 11:59

Tgt Ion: 105 Resp: 13392
Ion Ratio Lower Upper
105 100
120 49.4 23.1 69.2

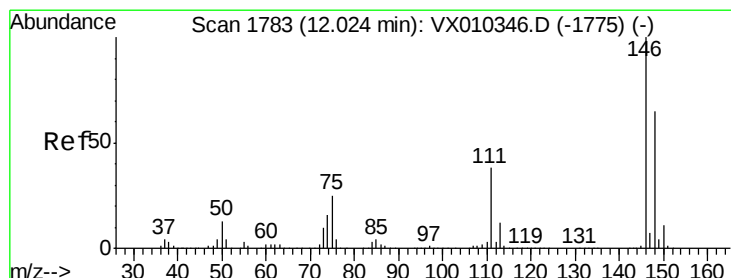
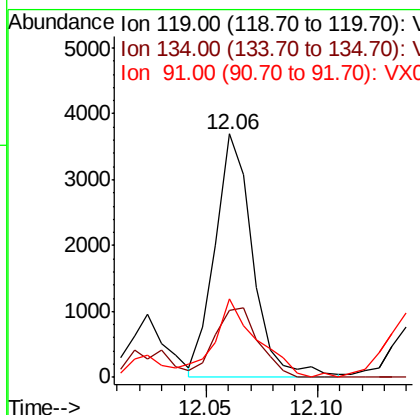
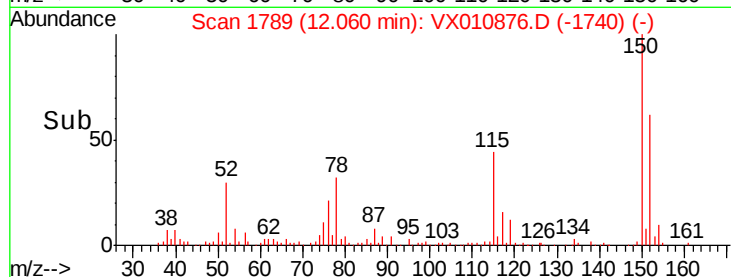
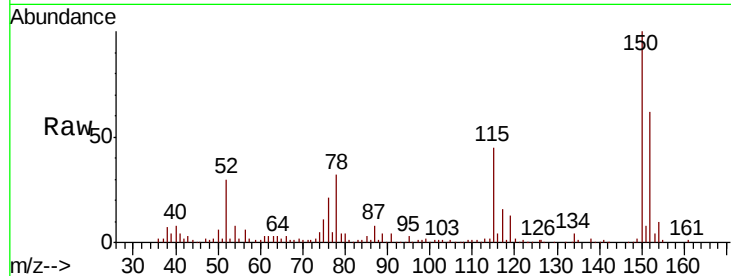




#86
p-Isopropyltoluene
Concen: 0.439 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX010876.D
Acq: 15 Jul 2019 11:59

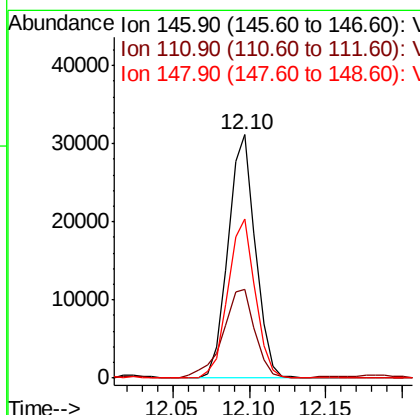
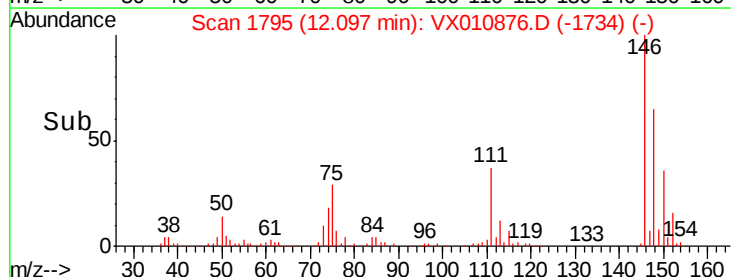
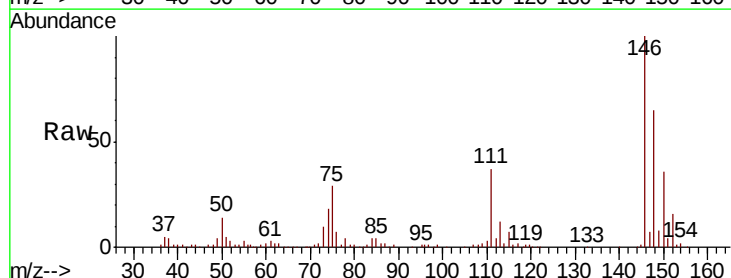
Instrument :
MSVOA_X
ClientSampleId :
390711759.3-VOA

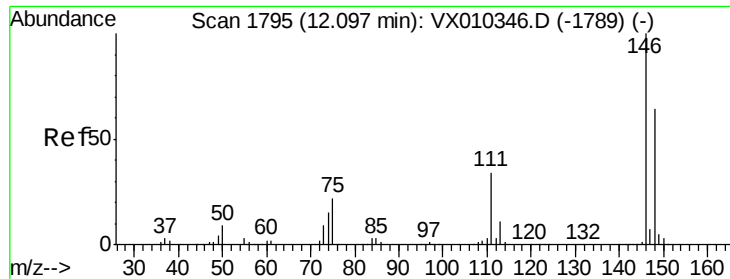
Tot Ion:119 Resp: 4345
Ion Ratio Lower Upper
119 100
134 33.2 13.7 41.1
91 36.5 11.3 33.8#



#87
1,3-Dichlorobenzene
Concen: 7.157 ug/l
RT: 12.10 min Scan# 1795
Delta R.T. 0.07 min
Lab File: VX010876.D
Acq: 15 Jul 2019 11:59

Tgt Ion:146 Resp: 38430
Ion Ratio Lower Upper
146 100
111 43.3 19.1 57.1
148 65.5 32.5 97.4

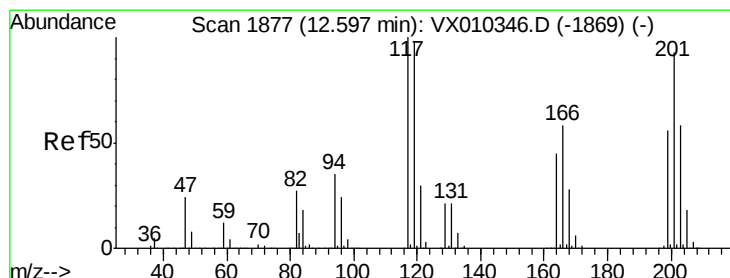
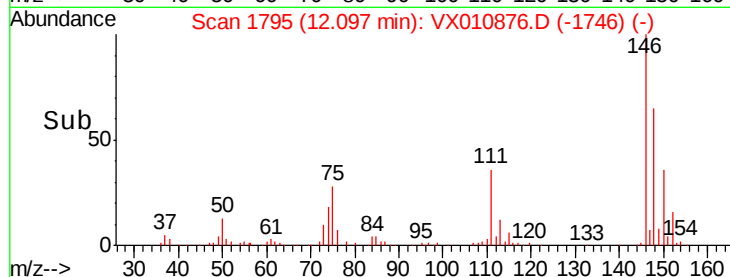
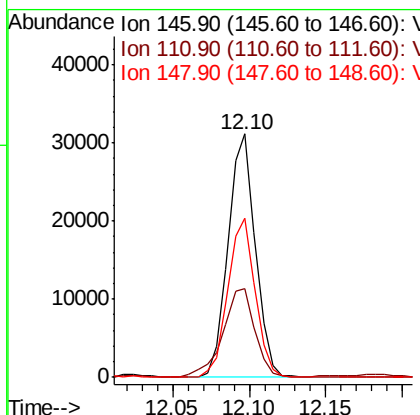
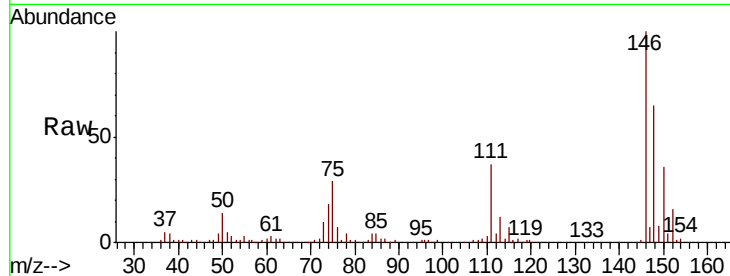




#88
 1,4-Dichlorobenzene
 Concen: 7.030 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010876.D
 Acq: 15 Jul 2019 11:59

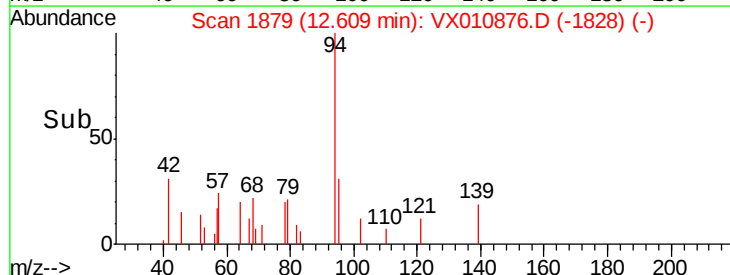
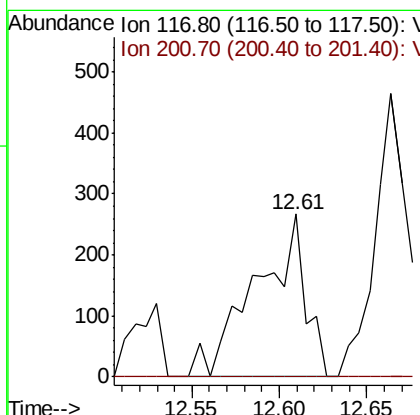
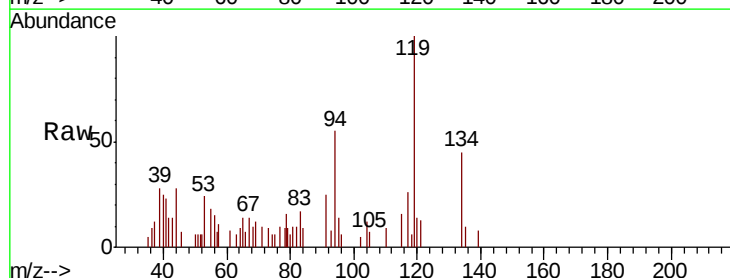
Instrument :
 MSVOA_X
 ClientSampleId :
 390711759.3-VOA

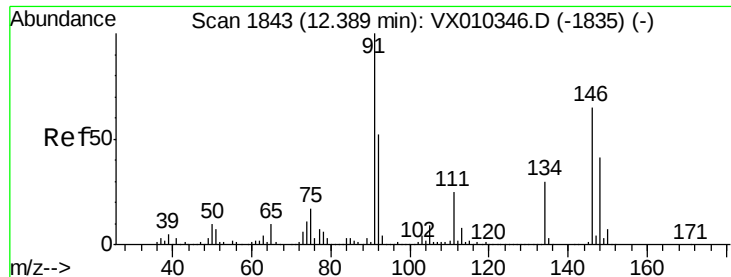
Tot Ion:146 Resp: 38430
 Ion Ratio Lower Upper
 146 100
 111 43.3 18.1 54.3
 148 65.5 32.1 96.3



#90
 Hexachloroethane
 Concen: 0.307 ug/l
 RT: 12.61 min Scan# 1879
 Delta R.T. 0.01 min
 Lab File: VX010876.D
 Acq: 15 Jul 2019 11:59

Tgt Ion:117 Resp: 526
 Ion Ratio Lower Upper
 117 100
 201 0.0 44.0 131.8#

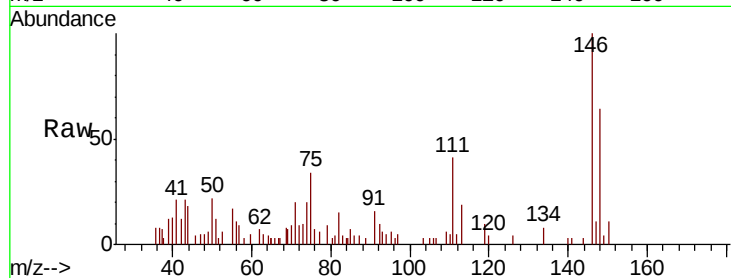




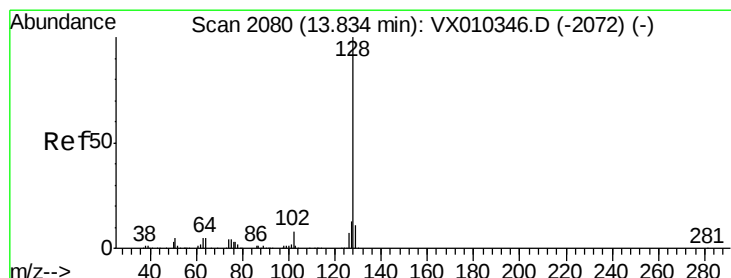
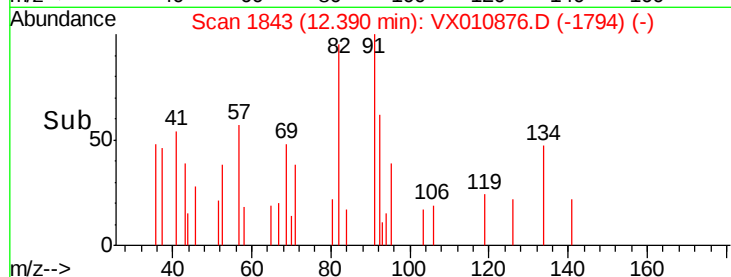
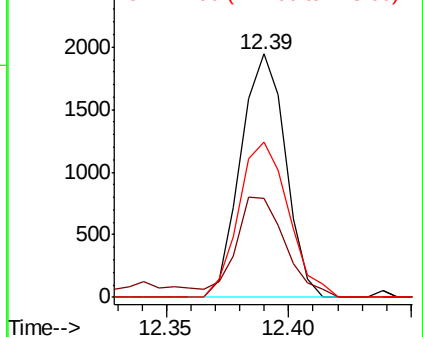
#91
1,2-Dichlorobenzene
Concen: 0.464 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX010876.D
Acq: 15 Jul 2019 11:59

Instrument :
MSVOA_X
ClientSampleId :
390711759.3-VOA

Tot Ion:146 Resp: 2478
Ion Ratio Lower Upper
146 100
111 45.5 19.2 57.6
148 71.3 32.0 96.0

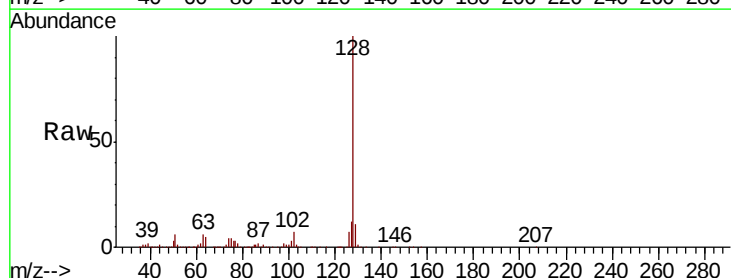


Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#95
Naphthalene
Concen: 5.697 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010876.D
Acq: 15 Jul 2019 11:59

Tgt Ion:128 Resp: 64794
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 11.1 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

