

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VO041020\
 Data File : VX015623.D
 Acq On : 10 Apr 2020 15:56
 Operator : JC/SP
 Sample : L2209-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 400408744.2-VOA

Quant Time: Apr 11 00:31:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1099763	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1735654	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1688356	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	943478	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	714076	46.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.08%	
35) Dibromofluoromethane	5.47	113	528974	47.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.36%	
50) Toluene-d8	8.70	98	2083353	51.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.00%	
62) 4-Bromofluorobenzene	11.12	95	896145	53.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.96%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	4075	0.421	ug/l	90
4) Vinyl Chloride	1.39	62	2837	0.250	ug/l #	84
5) Bromomethane	1.65	94	2374	Below Cal	#	55
6) Chloroethane	1.72	64	4422	0.629	ug/l #	88
8) Diethyl Ether	2.17	74	61627	9.616	ug/l	95
11) Tert butyl alcohol	3.00	59	1191204	320.851	ug/l	99
14) Allyl chloride	2.69	41	13413	0.553	ug/l #	51
16) Acetone	2.42	43	54534	8.184	ug/l	97
18) Methyl Acetate	3.00	43	176534	10.379	ug/l #	56
19) Methyl tert-butyl Ether	3.17	73	41220	1.024	ug/l	95
24) 1,1-Dichloroethane	3.67	63	11074	0.489	ug/l #	94
25) 2-Butanone	4.65	43	83642	7.805	ug/l #	71
26) 2,2-Dichloropropane	4.65	77	97150	5.229	ug/l #	54
29) Tetrahydrofuran	5.09	42	1400049	203.212	ug/l	99
36) 1,1-Dichloropropene	5.64	75	86689	5.421	ug/l #	51
37) Ethyl Acetate	4.76	43	4814	0.231	ug/l #	78
38) Carbon Tetrachloride	5.64	117	105651	6.100	ug/l #	14
40) Benzene	6.12	78	129121	2.756	ug/l	92
41) Methacrylonitrile	5.09	41	801892	69.373	ug/l #	51
43) Isopropyl Acetate	6.42	43	17342	0.493	ug/l #	76
49) 1,4-Dioxane	7.72	88	91172	278.356	ug/l	98
51) 4-Methyl-2-Pentanone	8.59	43	31310	1.572	ug/l #	38
52) Toluene	8.76	92	47898	1.658	ug/l	89
59) 2-Hexanone	9.60	43	8531	0.567	ug/l	94
65) Chlorobenzene	10.12	112	427969	12.710	ug/l	94
67) Ethyl Benzene	10.24	91	524249	8.779	ug/l	100
68) m/p-Xylenes	10.34	106	91821	4.129	ug/l	97
69) o-Xylene	10.68	106	78882	3.590	ug/l	99
70) Styrene	10.70	104	12508	0.323	ug/l #	7
73) Isopropylbenzene	11.01	105	85297	1.380	ug/l	99
74) N-amyl acetate	10.93	43	16112	0.469	ug/l #	53
76) 1,2,3-Trichloropropane	11.12	75	468130	24.128	ug/l #	35
78) n-propylbenzene	11.34	91	56631	0.801	ug/l	97
79) 2-Chlorotoluene	11.40	91	36778	0.849	ug/l	93

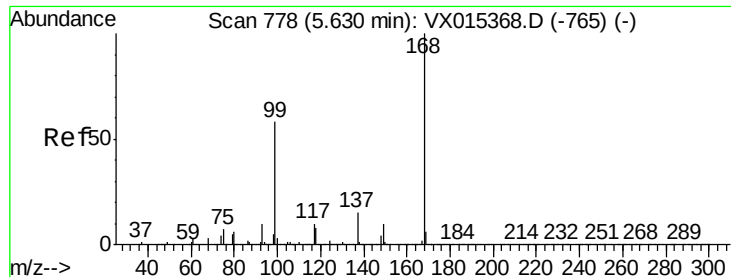
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041020\
 Data File : VX015623.D
 Acq On : 10 Apr 2020 15:56
 Operator : JC/SP
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Quant Time: Apr 11 00:31:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	11.50	105	22705	0.430	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.12	75	468130	57.894	ug/l #	10
82) 4-Chlorotoluene	11.40	91	36778	0.724	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	119813	2.227	ug/l	98
86) p-Isopropyltoluene	12.05	119	20944	0.378	ug/l	85
87) 1,3-Dichlorobenzene	12.08	146	287098	9.726	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	287098	9.548	ug/l	97
89) n-Butylbenzene	12.37	91	12453	0.249	ug/l #	66
90) Hexachloroethane	12.65	117	4704	0.436	ug/l #	17
91) 1,2-Dichlorobenzene	12.38	146	19011	0.658	ug/l	97
95) Naphthalene	13.82	128	807151	11.580	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015623.D

Acq: 10 Apr 2020 15:56

Instrument :

MSVOA_X

ClientSampleId :

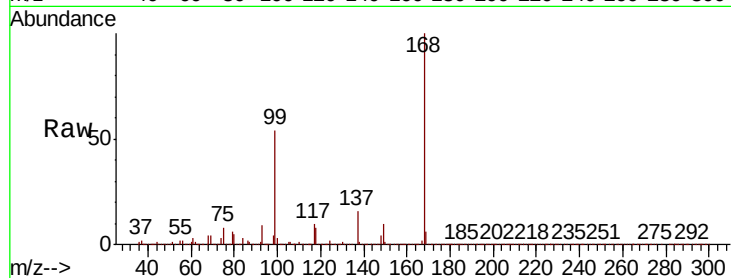
400408744.2-VOA

Tot Ion:168 Resp: 1099763

Ion Ratio Lower Upper

168 100

99 54.2 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

400000

300000

200000

100000

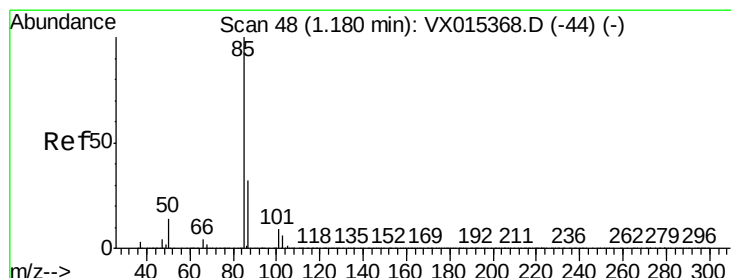
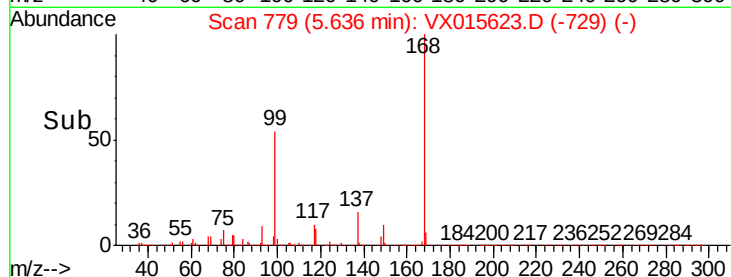
0

5.50

5.60

5.70

Time-->



#2

Dichlorodifluoromethane

Concen: 0.421 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.01 min

Lab File: VX015623.D

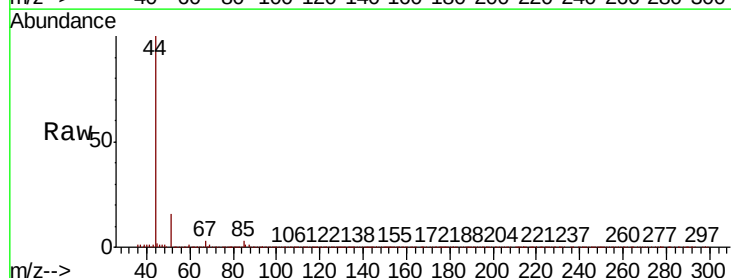
Acq: 10 Apr 2020 15:56

Tgt Ion: 85 Resp: 4075

Ion Ratio Lower Upper

85 100

87 26.6 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

4000

3000

2000

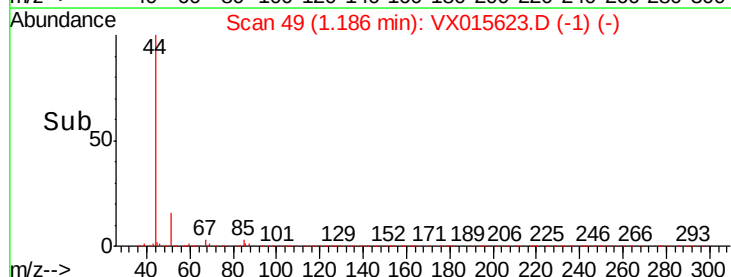
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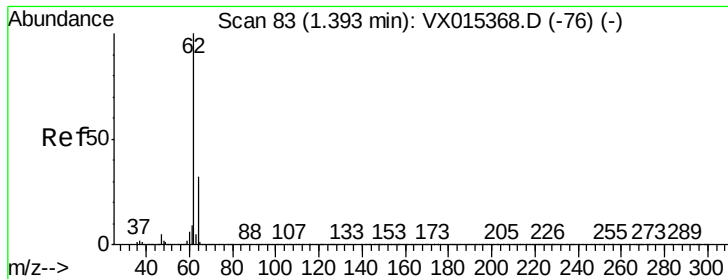
0

1.15

1.20

Time-->





#4

Vinyl Chloride

Concen: 0.250 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015623.D

Acq: 10 Apr 2020 15:56

Instrument :

MSVOA_X

ClientSampleId :

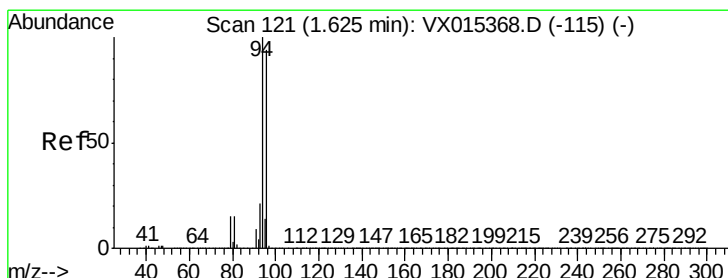
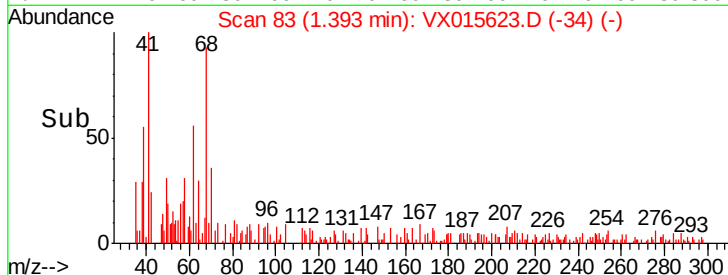
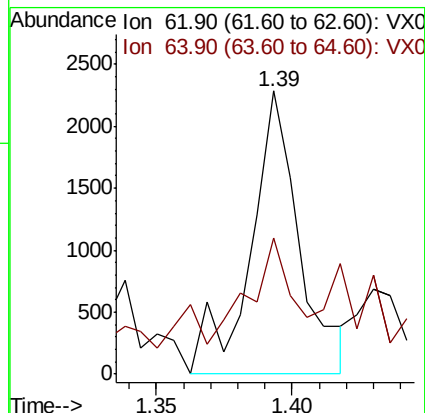
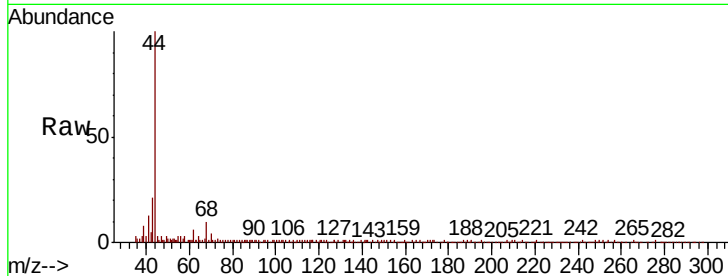
400408744.2-VOA

Tot Ion: 62 Resp: 2837

Ion Ratio Lower Upper

62 100

64 23.4 26.0 39.0#



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 125

Delta R.T. 0.03 min

Lab File: VX015623.D

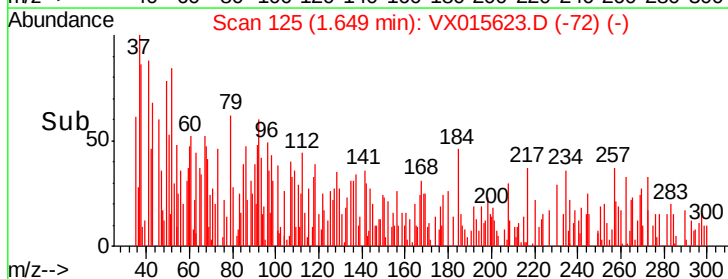
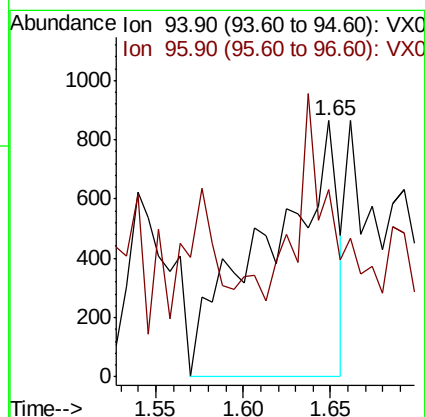
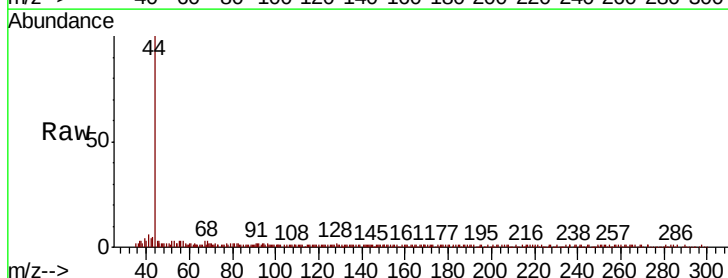
Acq: 10 Apr 2020 15:56

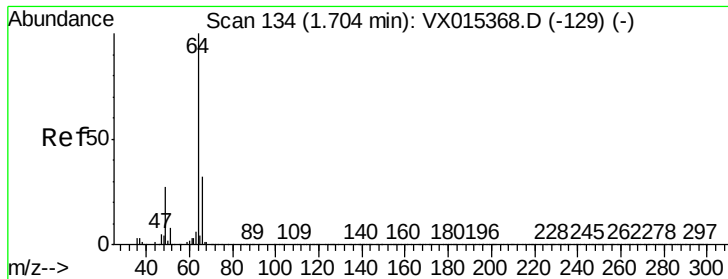
Tgt Ion: 94 Resp: 2374

Ion Ratio Lower Upper

94 100

96 50.4 74.8 112.2#





#6

Chloroethane

Concen: 0.629 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX015623.D

Acq: 10 Apr 2020 15:56

Instrument :

MSVOA_X

ClientSampleId :

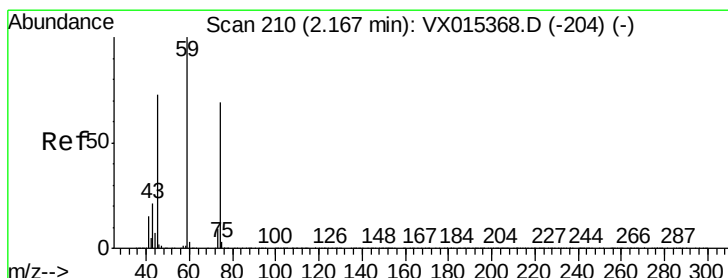
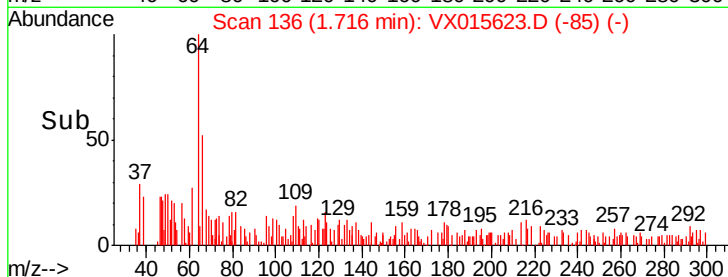
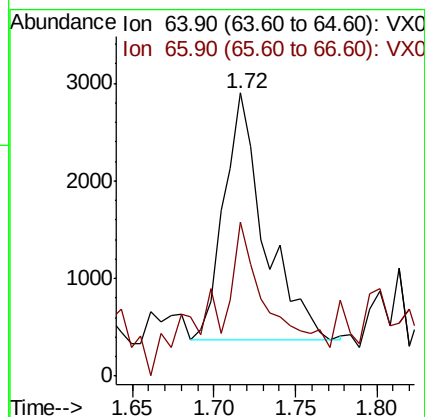
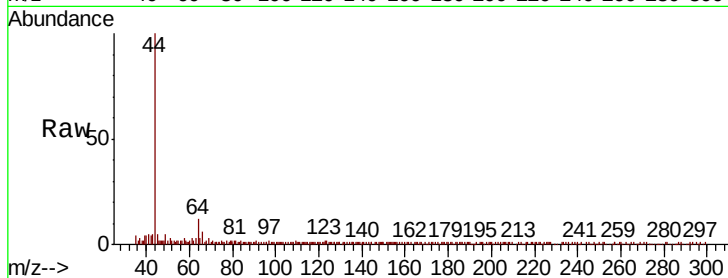
400408744.2-VOA

Tot Ion: 64 Resp: 4422

Ion Ratio Lower Upper

64 100

66 38.2 25.4 38.2#



#8

Diethyl Ether

Concen: 9.616 ug/l

RT: 2.17 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX015623.D

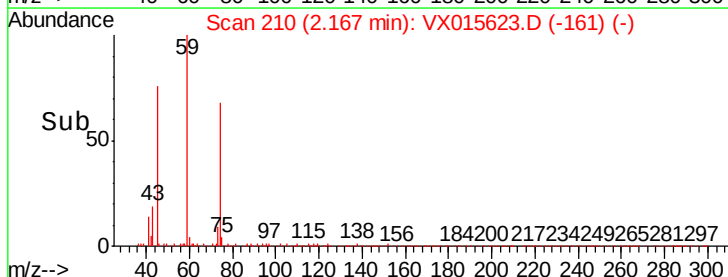
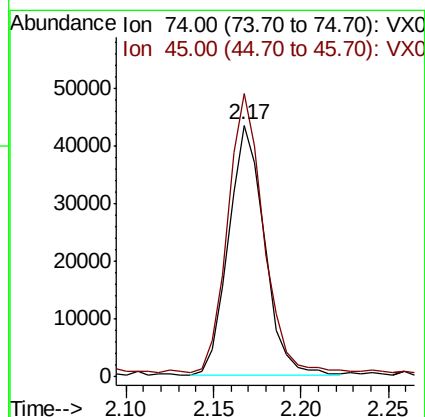
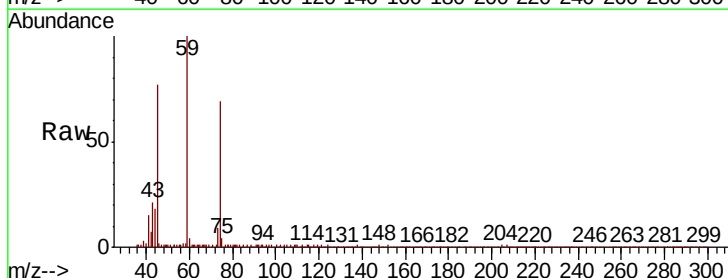
Acq: 10 Apr 2020 15:56

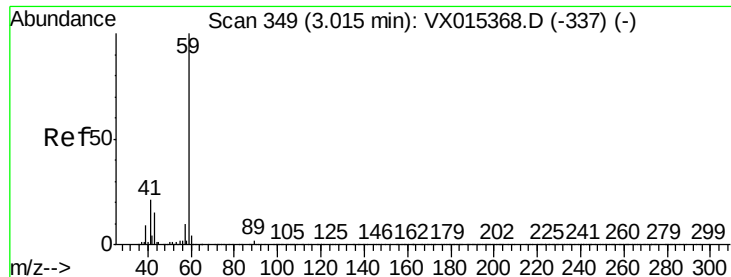
Tgt Ion: 74 Resp: 61627

Ion Ratio Lower Upper

74 100

45 112.5 53.8 161.4



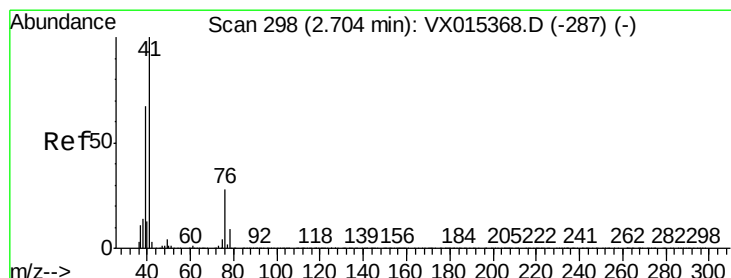
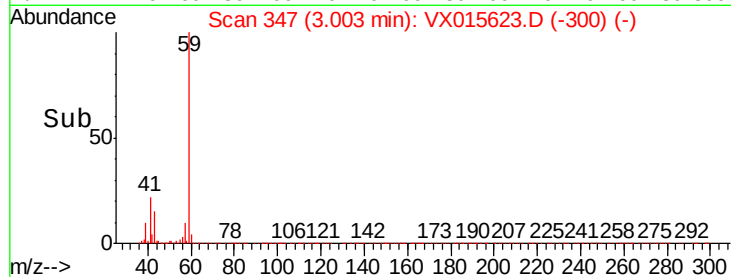
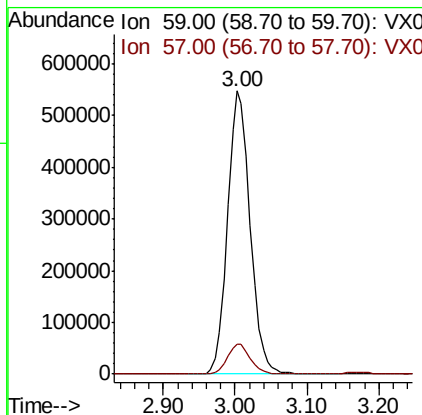
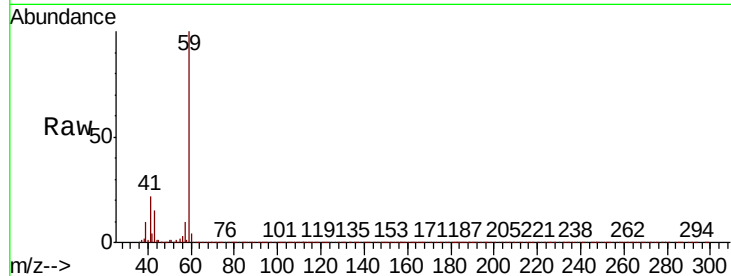


#11

Tert butyl alcohol
Concen: 320.851 ug/l
RT: 3.00 min Scan# 347
Delta R.T. -0.01 min
Lab File: VX015623.D
Acq: 10 Apr 2020 15:56

Instrument :
MSVOA_X
ClientSampleId :
400408744.2-VOA

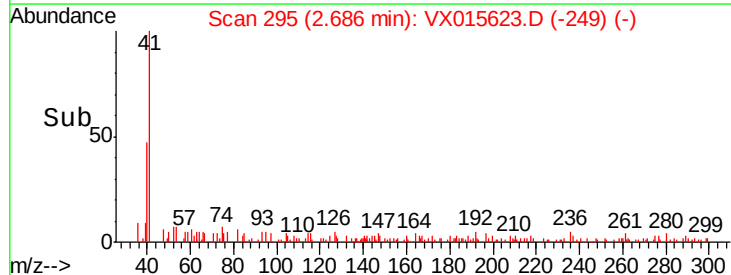
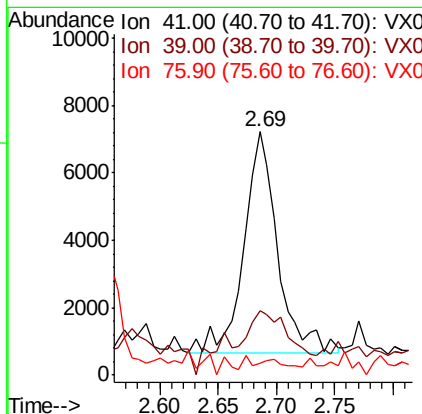
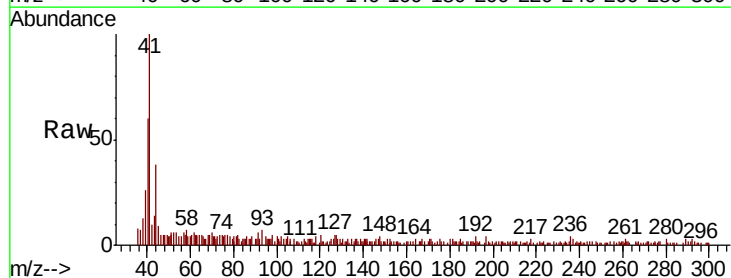
Tot Ion: 59 Resp: 1191204
Ion Ratio Lower Upper
59 100
57 10.5 8.1 12.1

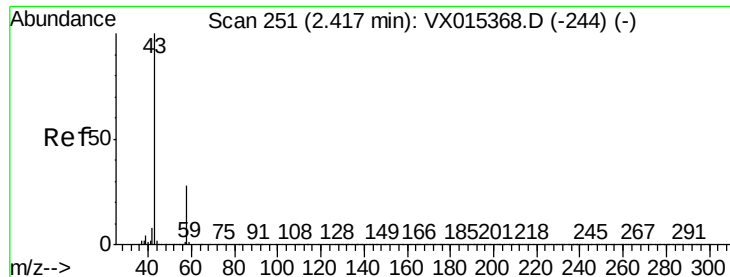


#14

Allyl chloride
Concen: 0.553 ug/l
RT: 2.69 min Scan# 295
Delta R.T. -0.02 min
Lab File: VX015623.D
Acq: 10 Apr 2020 15:56

Tgt Ion: 41 Resp: 13413
Ion Ratio Lower Upper
41 100
39 25.8 51.4 77.0#
76 1.5 21.8 32.8#

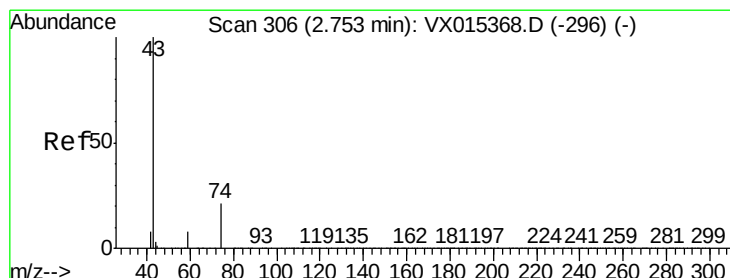
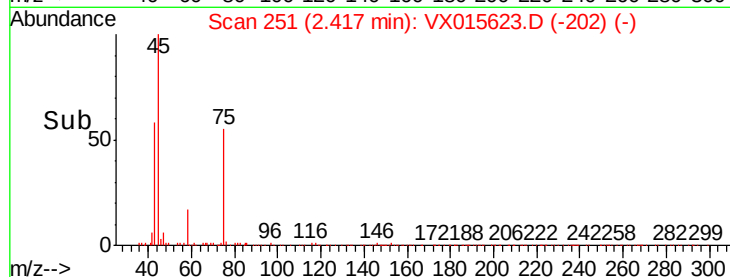
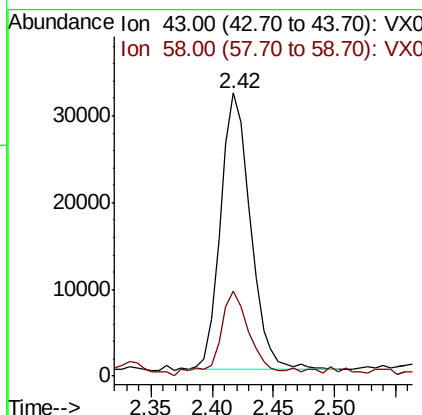
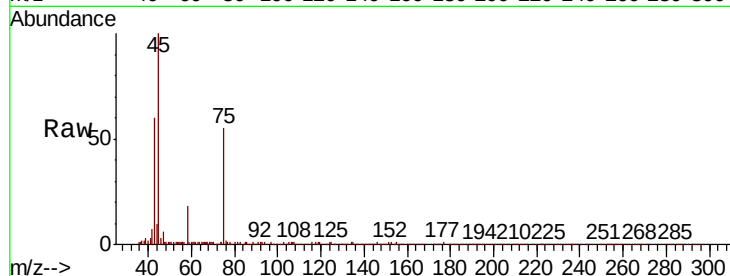




#16
Acetone
Concen: 8.184 ug/l
RT: 2.42 min Scan# 251
Delta R.T. 0.00 min
Lab File: VX015623.D
Acq: 10 Apr 2020 15:56

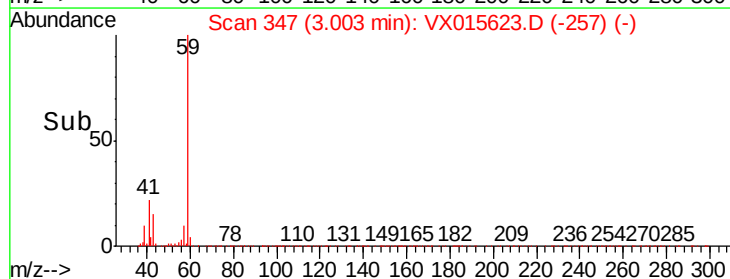
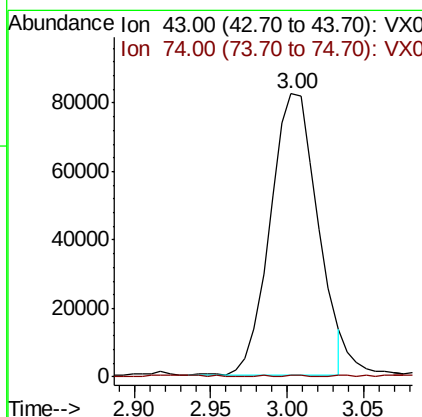
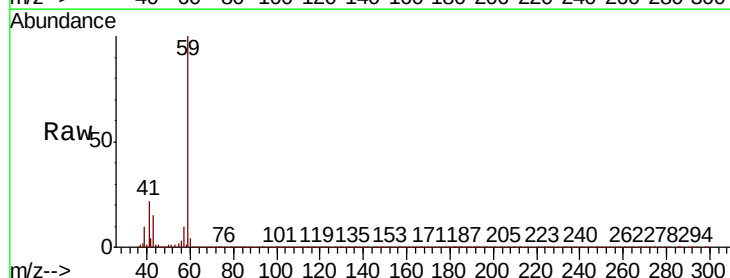
Instrument :
MSVOA_X
ClientSampleId :
400408744.2-VOA

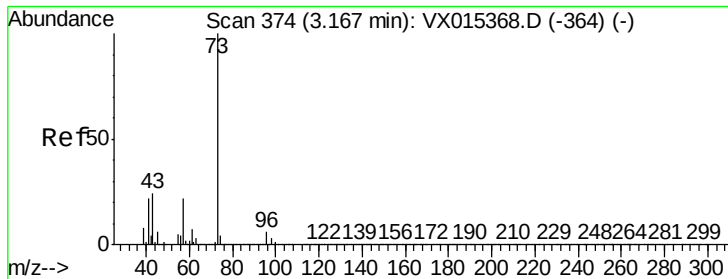
Tot Ion: 43 Resp: 54534
Ion Ratio Lower Upper
43 100
58 29.1 22.1 33.1



#18
Methyl Acetate
Concen: 10.379 ug/l
RT: 3.00 min Scan# 347
Delta R.T. 0.25 min
Lab File: VX015623.D
Acq: 10 Apr 2020 15:56

Tgt Ion: 43 Resp: 176534
Ion Ratio Lower Upper
43 100
74 0.3 16.5 24.7#



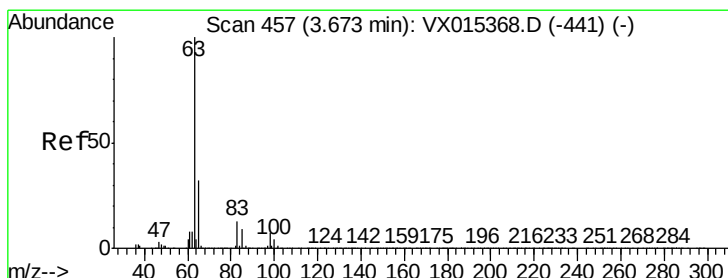
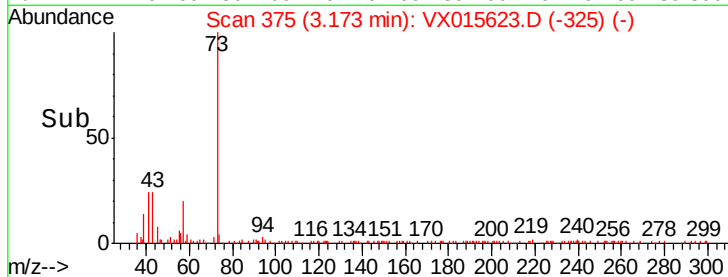
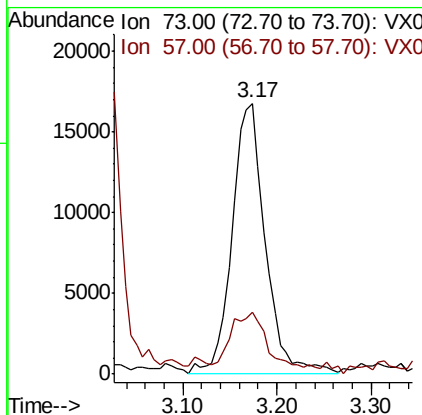
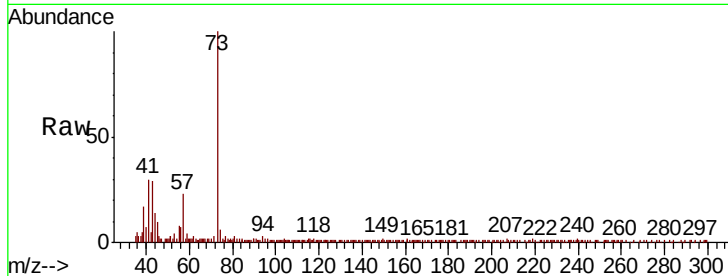


#19

Methyl tert-butyl Ether
 Concen: 1.024 ug/l
 RT: 3.17 min Scan# 375
 Delta R.T. 0.01 min
 Lab File: VX015623.D
 Acq: 10 Apr 2020 15:56

Instrument :
 MSVOA_X
 ClientSampleId :
 400408744.2-VOA

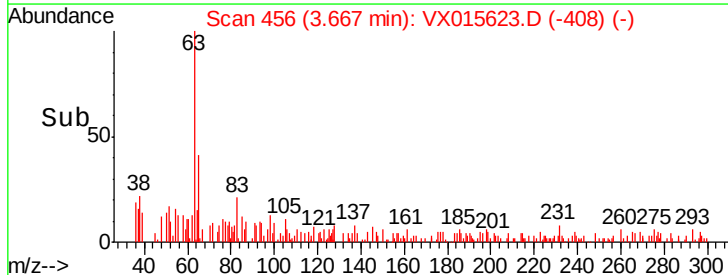
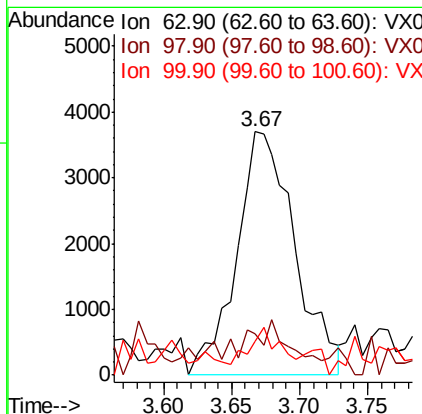
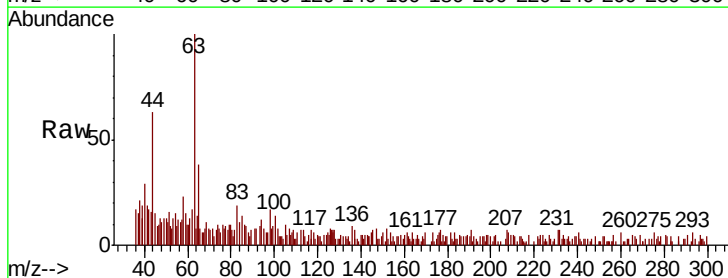
Tot Ion: 73 Resp: 41220
 Ion Ratio Lower Upper
 73 100
 57 20.1 17.9 26.9

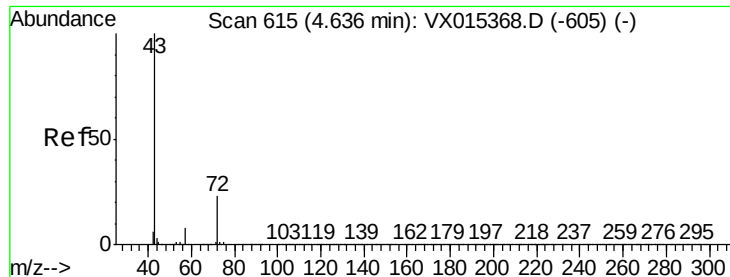


#24

1,1-Dichloroethane
 Concen: 0.489 ug/l
 RT: 3.67 min Scan# 456
 Delta R.T. -0.01 min
 Lab File: VX015623.D
 Acq: 10 Apr 2020 15:56

Tgt Ion: 63 Resp: 11074
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.3 9.8
 100 9.0 2.1 6.5#





#25

2-Butanone

Concen: 7.805 ug/l

RT: 4.65 min Scan# 617

Delta R.T. 0.01 min

Lab File: VX015623.D

Acq: 10 Apr 2020 15:56

Instrument :

MSVOA_X

ClientSampleId :

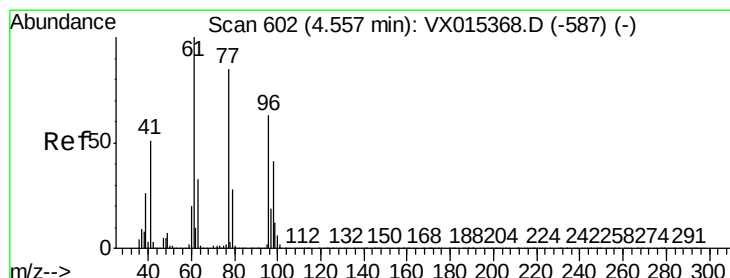
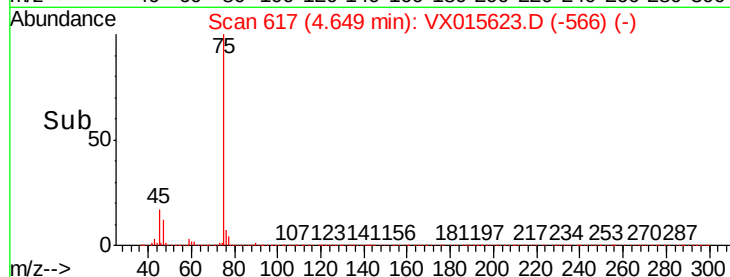
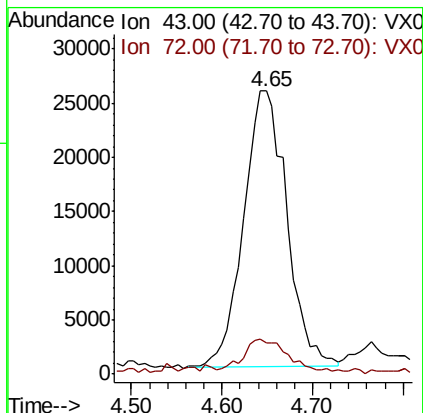
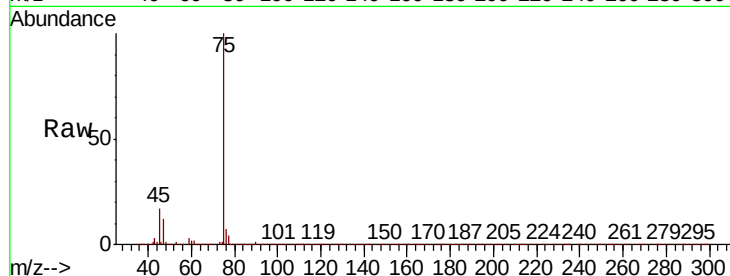
400408744.2-VOA

Tot Ion: 43 Resp: 83642

Ion Ratio Lower Upper

43 100

72 9.4 19.0 28.4#



#26

2,2-Dichloropropane

Concen: 5.229 ug/l

RT: 4.65 min Scan# 617

Delta R.T. 0.09 min

Lab File: VX015623.D

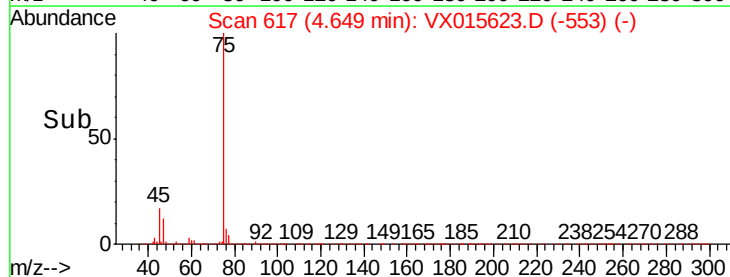
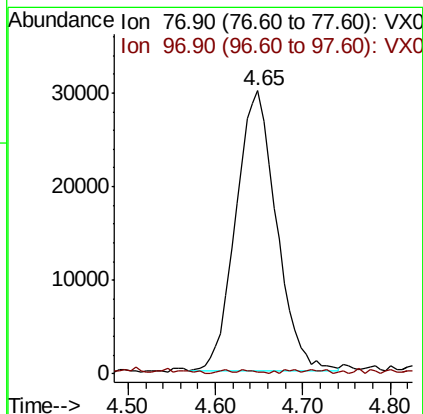
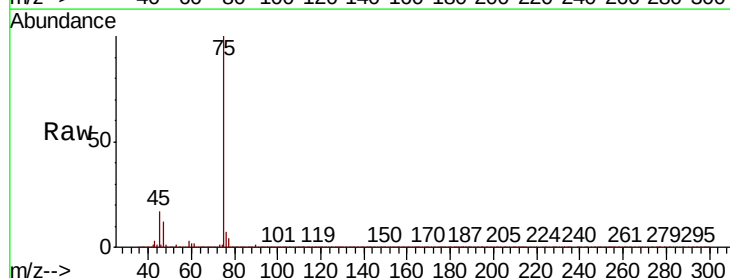
Acq: 10 Apr 2020 15:56

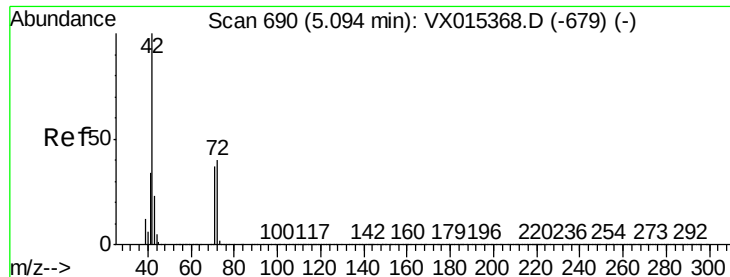
Tgt Ion: 77 Resp: 97150

Ion Ratio Lower Upper

77 100

97 0.4 11.3 33.8#





#29

Tetrahydrofuran

Concen: 203.212 ug/l

RT: 5.09 min Scan# 690

Delta R.T. 0.00 min

Lab File: VX015623.D

Acq: 10 Apr 2020 15:56

Instrument :

MSVOA_X

ClientSampleId :

400408744.2-VOA

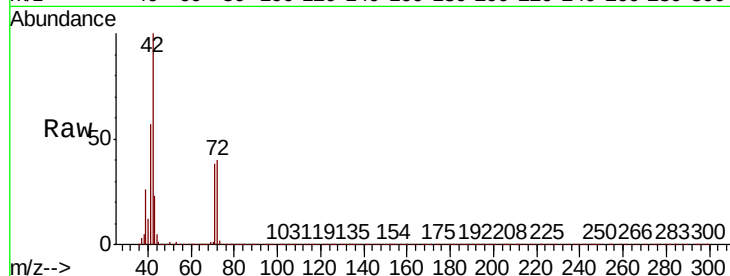
Tot Ion: 42 Resp: 1400049

Ion Ratio Lower Upper

42 100

72 39.8 31.7 47.5

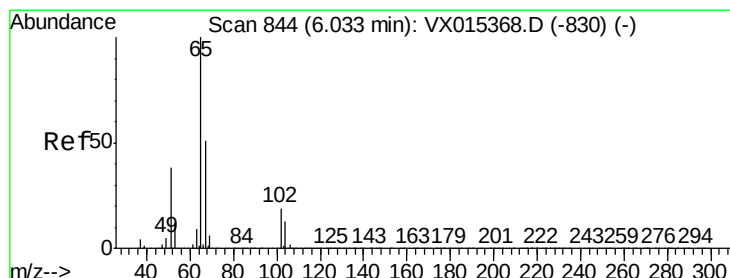
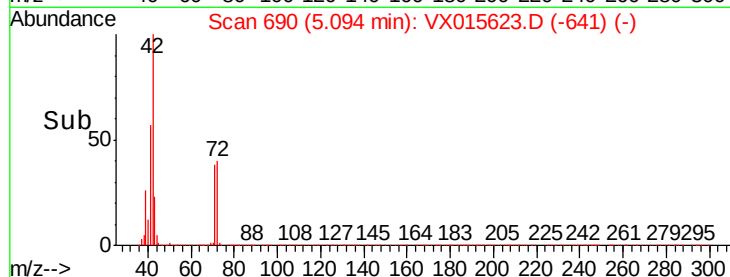
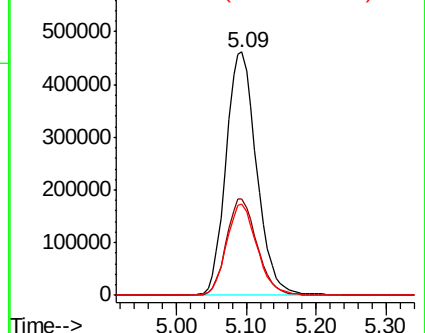
71 37.5 29.6 44.4



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: 46.037 ug/l

RT: 6.03 min Scan# 844

Delta R.T. 0.00 min

Lab File: VX015623.D

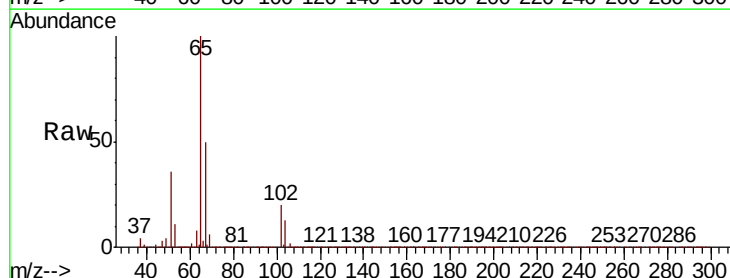
Acq: 10 Apr 2020 15:56

Tgt Ion: 65 Resp: 714076

Ion Ratio Lower Upper

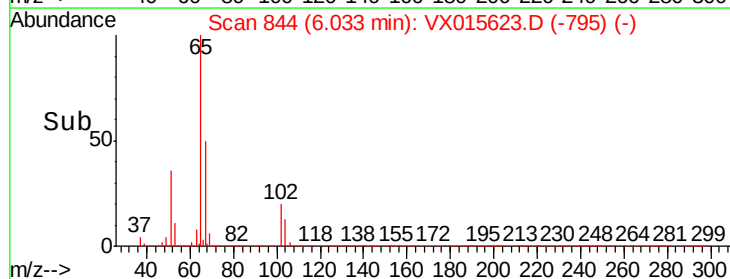
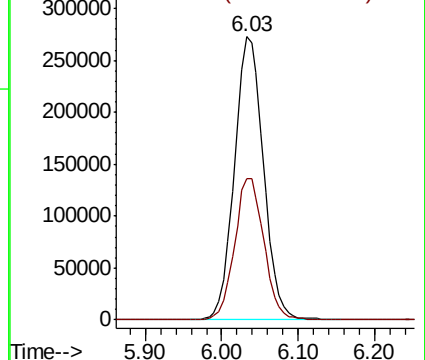
65 100

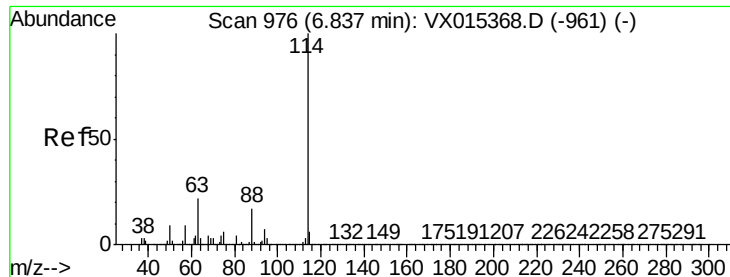
67 50.0 0.0 102.6



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: 6.84 min Scan# 976

Delta R.T. 0.00 min

Lab File: VX015623.D

Acq: 10 Apr 2020 15:56

Instrument :

MSVOA_X

ClientSampleId :

400408744.2-VOA

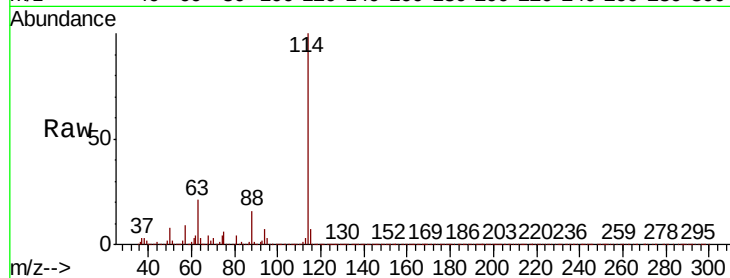
Tot Ion:114 Resp: 1735654

Ion Ratio Lower Upper

114 100

63 21.0 0.0 44.2

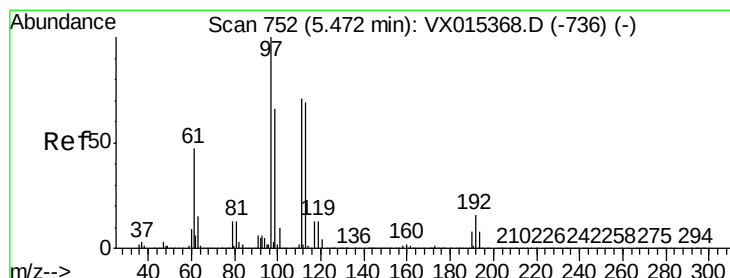
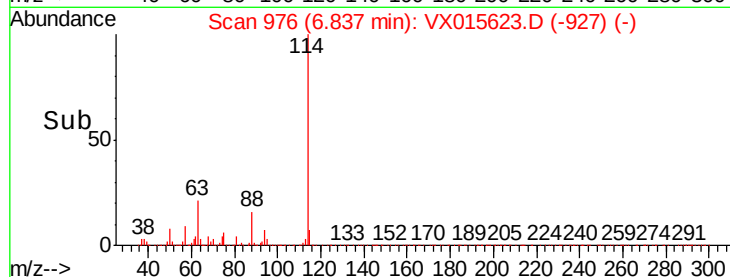
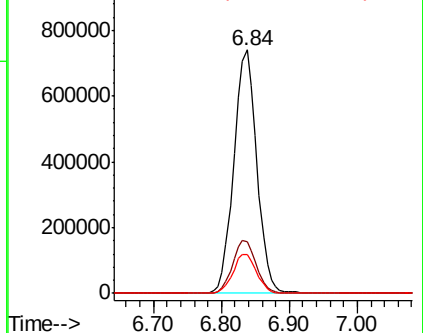
88 16.0 0.0 33.8



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: 47.678 ug/l

RT: 5.47 min Scan# 752

Delta R.T. 0.00 min

Lab File: VX015623.D

Acq: 10 Apr 2020 15:56

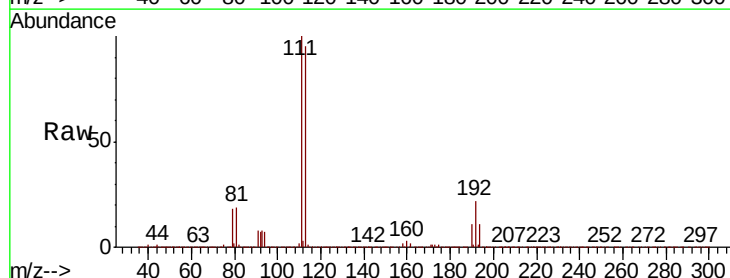
Tgt Ion:113 Resp: 528974

Ion Ratio Lower Upper

113 100

111 101.7 81.5 122.3

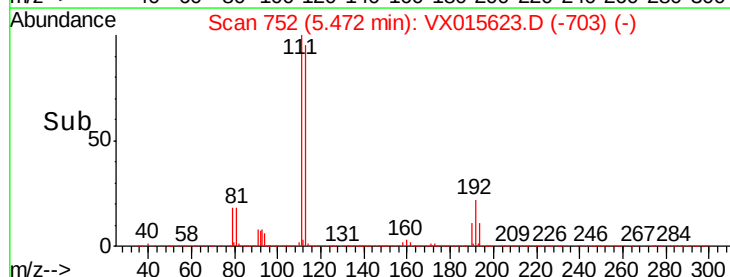
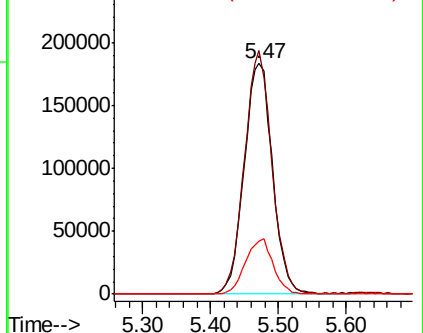
192 23.4 17.8 26.6

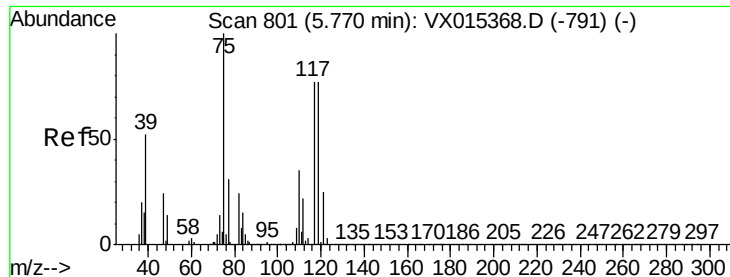


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

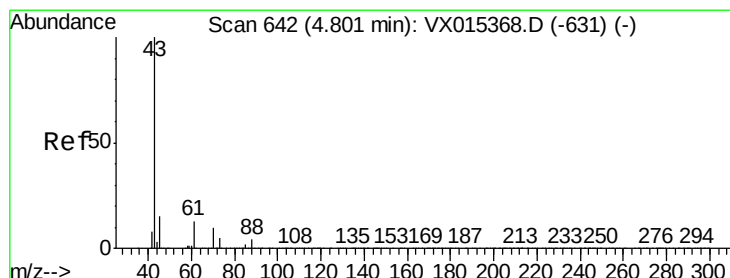
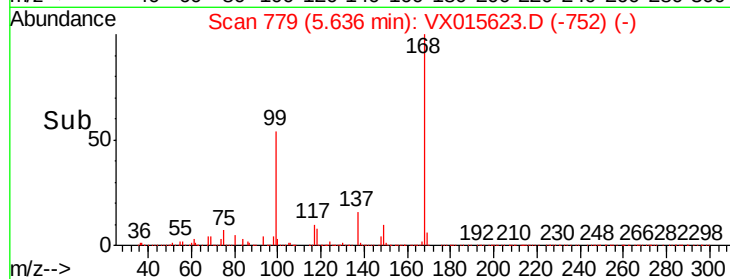
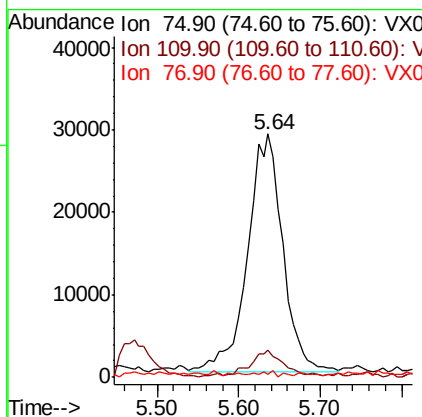
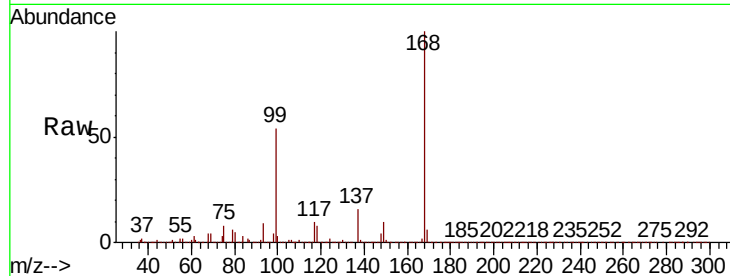




#36
 1,1-Dichloropropene
 Concen: 5.421 ug/l
 RT: 5.64 min Scan# 779
 Delta R.T. -0.13 min
 Lab File: VX015623.D
 Acq: 10 Apr 2020 15:56

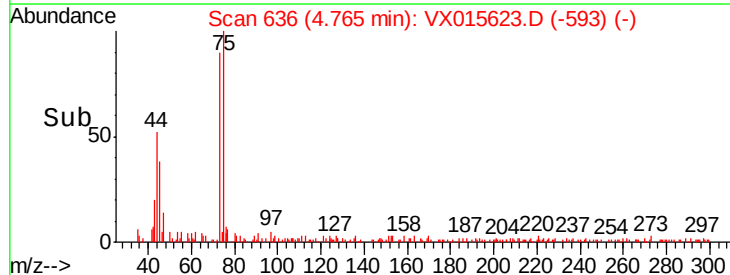
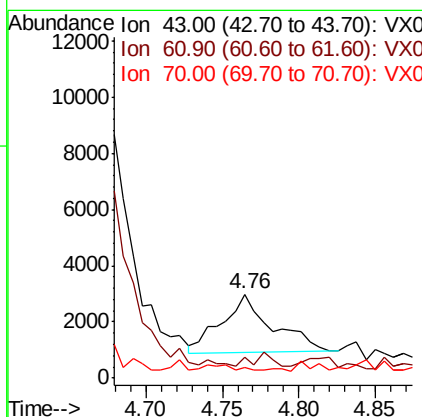
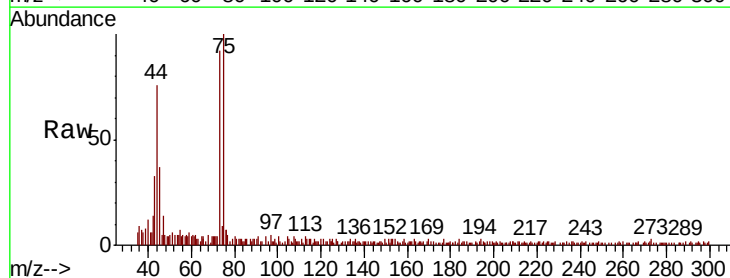
Instrument :
 MSVOA_X
 ClientSampleId :
 400408744.2-VOA

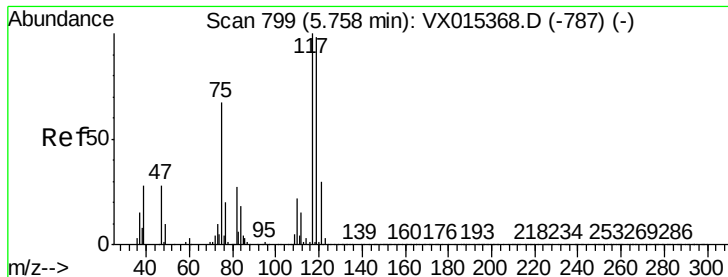
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.0	17.1	51.3#
77	1.1	24.6	36.8#



#37
 Ethyl Acetate
 Concen: 0.231 ug/l
 RT: 4.76 min Scan# 636
 Delta R.T. -0.04 min
 Lab File: VX015623.D
 Acq: 10 Apr 2020 15:56

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	9.9	14.9#
70	6.5	8.1	12.1#





#38

Carbon Tetrachloride

Concen: 6.100 ug/l

RT: 5.64 min Scan# 779

Delta R.T. -0.12 min

Lab File: VX015623.D

Acq: 10 Apr 2020 15:56

Instrument :

MSVOA_X

ClientSampleId :

400408744.2-VOA

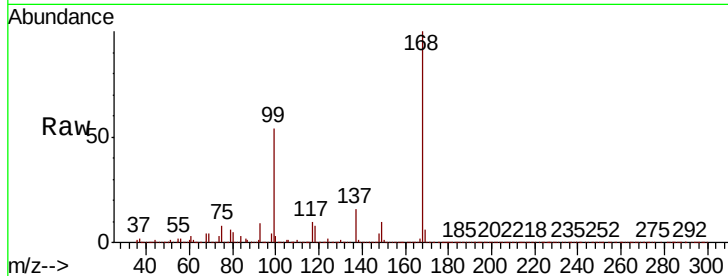
Tot Ion:117 Resp: 105651

Ion Ratio Lower Upper

117 100

119 3.9 78.0 117.0#

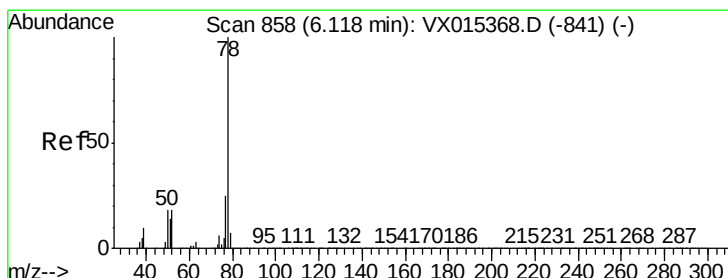
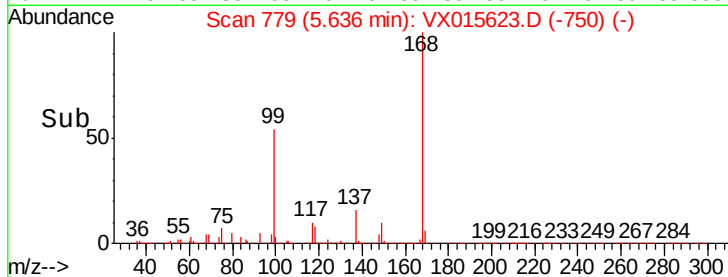
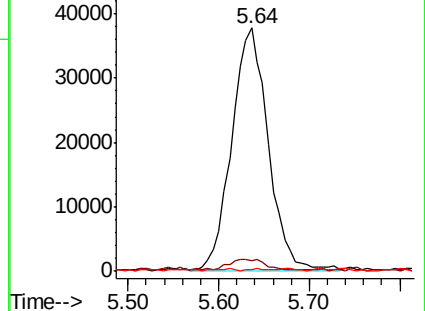
121 0.0 23.8 35.8#



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: 2.756 ug/l

RT: 6.12 min Scan# 858

Delta R.T. 0.00 min

Lab File: VX015623.D

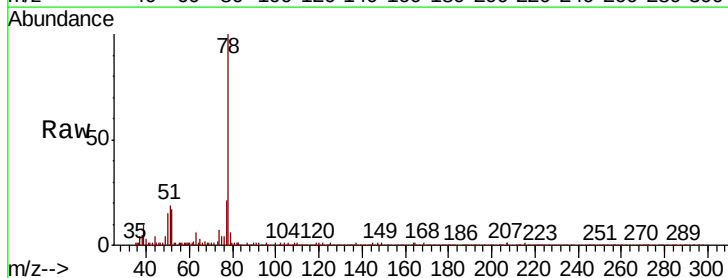
Acq: 10 Apr 2020 15:56

Tgt Ion: 78 Resp: 129121

Ion Ratio Lower Upper

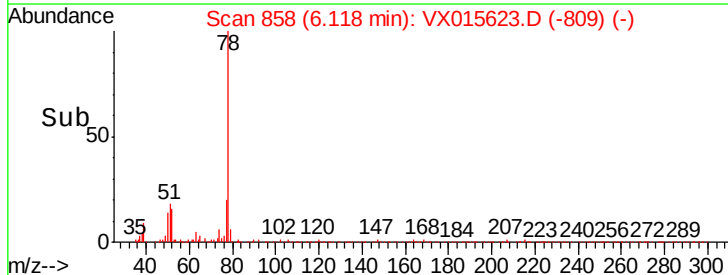
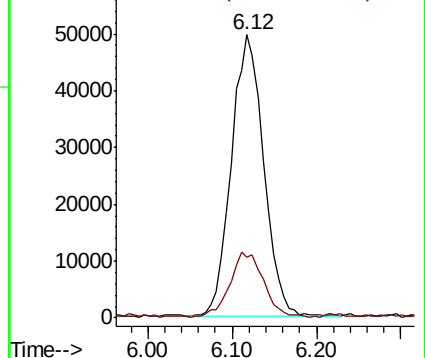
78 100

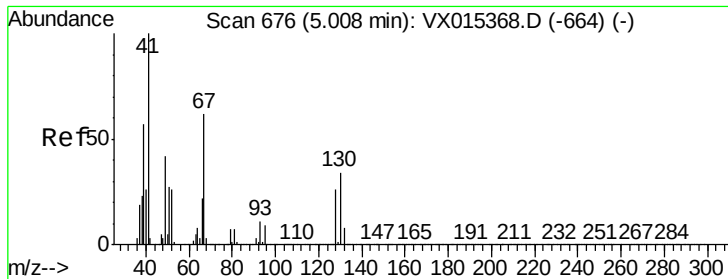
77 20.8 19.8 29.8



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

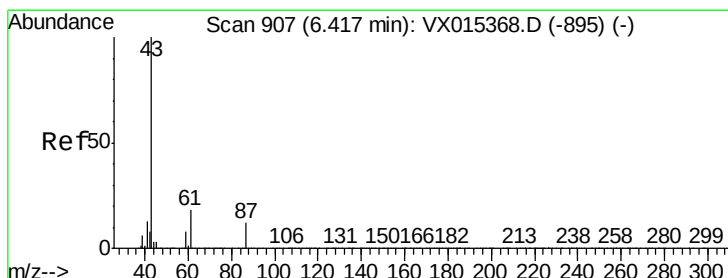
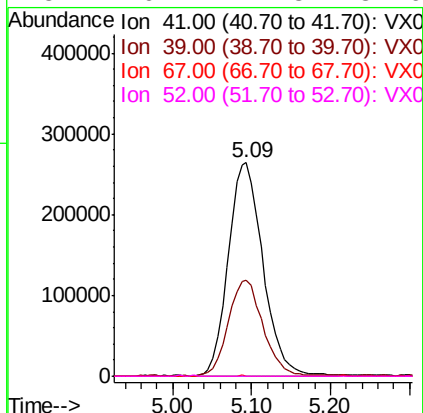
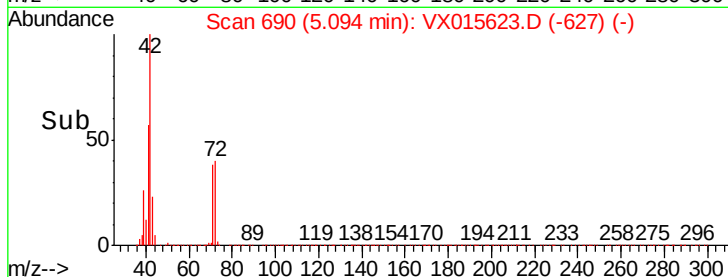
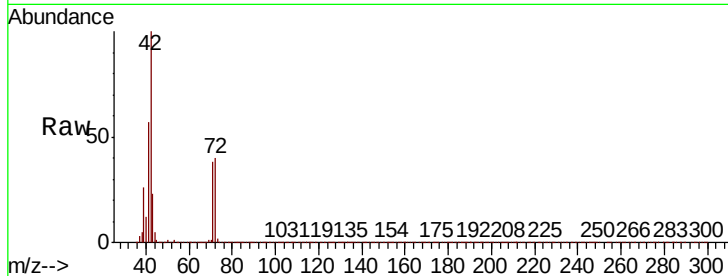




#41
Methacrylonitrile
Concen: 69.373 ug/l
RT: 5.09 min Scan# 690
Delta R.T. 0.09 min
Lab File: VX015623.D
Acq: 10 Apr 2020 15:56

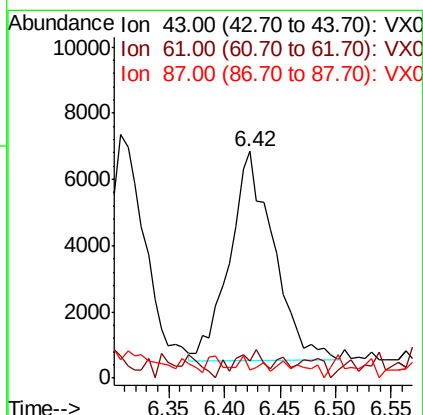
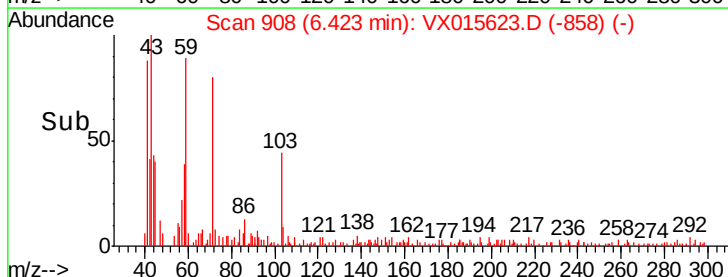
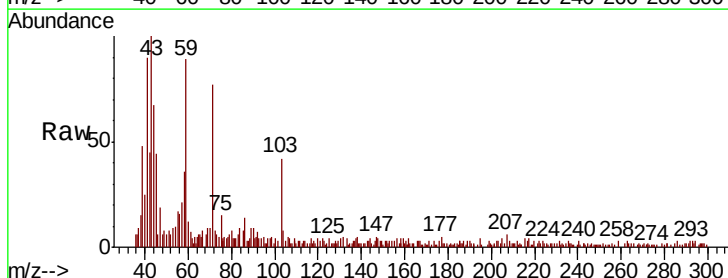
Instrument :
MSVOA_X
ClientSampleId :
400408744.2-VOA

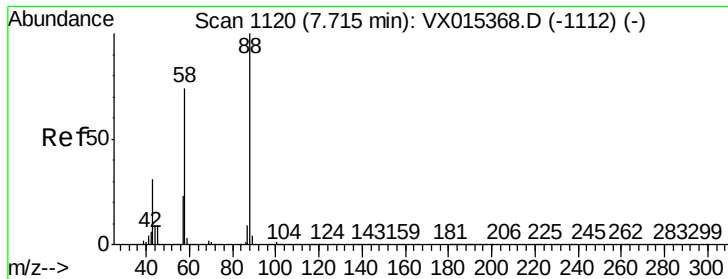
Tot Ion:	41	Resp:	801892
Ion	Ratio	Lower	Upper
41	100		
39	45.6	44.5	66.7
67	0.1	48.9	73.3#
52	0.1	21.8	32.6#



#43
Isopropyl Acetate
Concen: 0.493 ug/l
RT: 6.42 min Scan# 908
Delta R.T. 0.01 min
Lab File: VX015623.D
Acq: 10 Apr 2020 15:56

Tgt Ion:	43	Resp:	17342
Ion	Ratio	Lower	Upper
43	100		
61	8.6	14.8	22.2#
87	1.5	9.4	14.0#





#49

1,4-Dioxane

Concen: 278.356 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. 0.00 min

Lab File: VX015623.D

Acq: 10 Apr 2020 15:56

Instrument :

MSVOA_X

ClientSampleId :

400408744.2-VOA

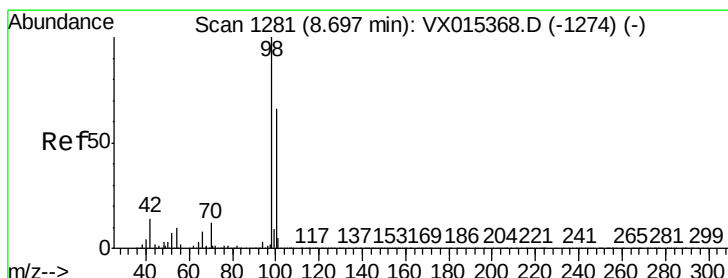
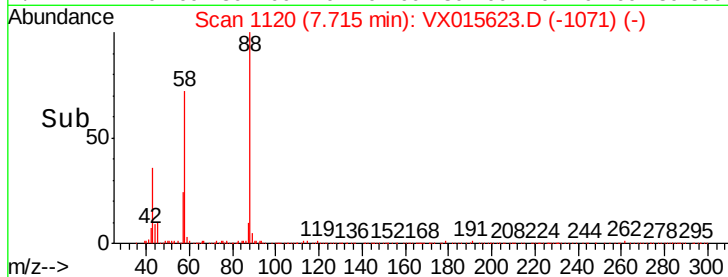
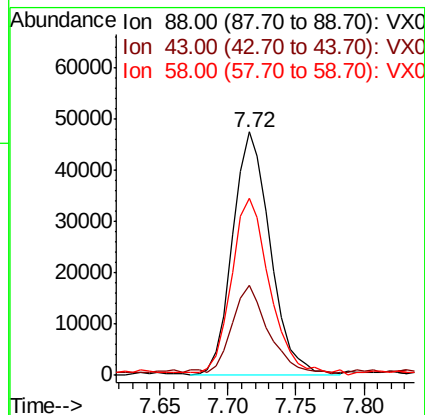
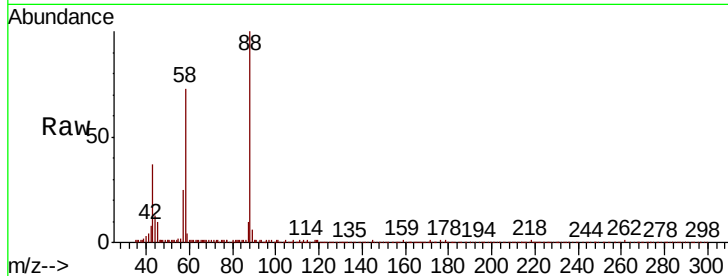
Tot Ion: 88 Resp: 91172

Ion Ratio Lower Upper

88 100

43 34.7 30.1 45.1

58 75.4 60.6 90.8



#50

Toluene-d8

Concen: 51.003 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015623.D

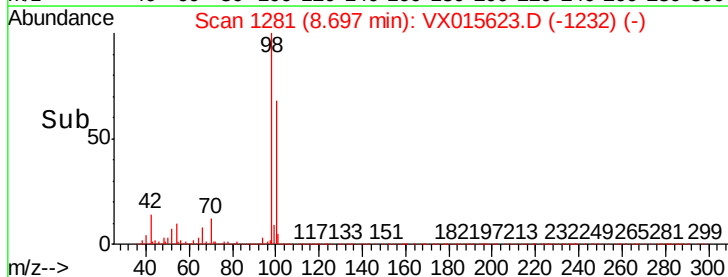
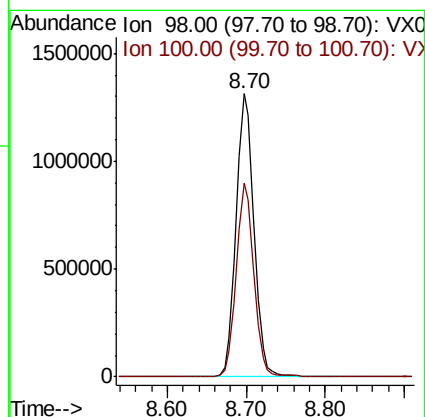
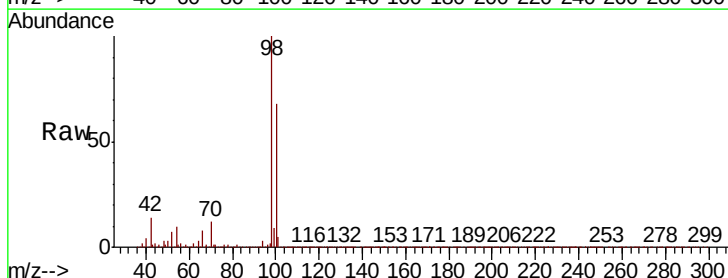
Acq: 10 Apr 2020 15:56

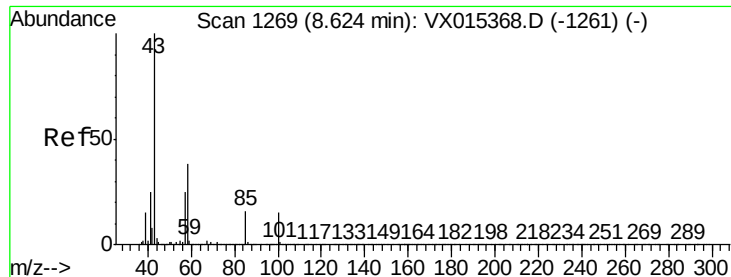
Tgt Ion: 98 Resp: 2083353

Ion Ratio Lower Upper

98 100

100 67.5 53.5 80.3

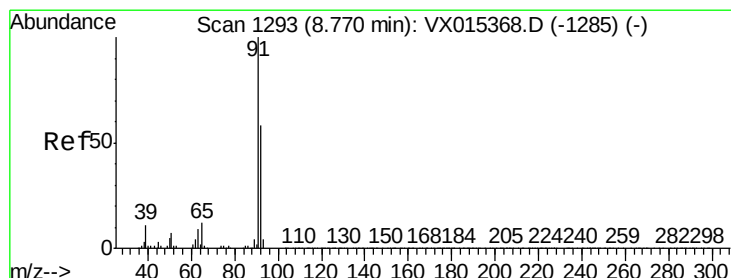
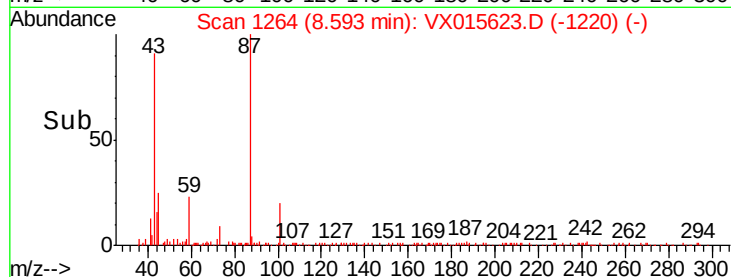
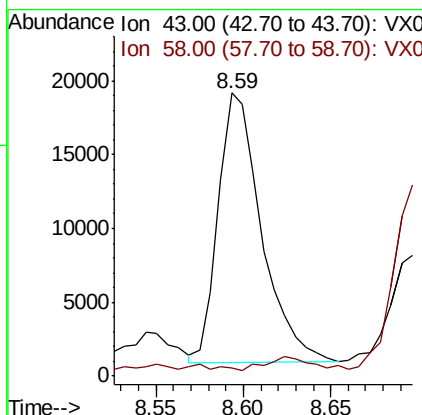
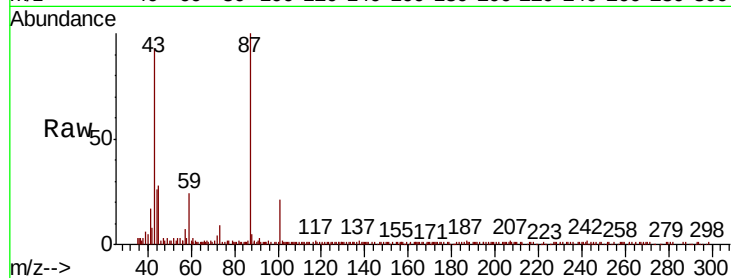




#51
4-Methyl-2-Pentanone
Concen: 1.572 ug/l
RT: 8.59 min Scan# 1264
Delta R.T. -0.03 min
Lab File: VX015623.D
Acq: 10 Apr 2020 15:56

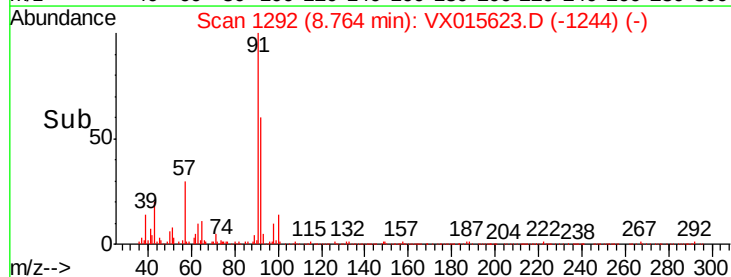
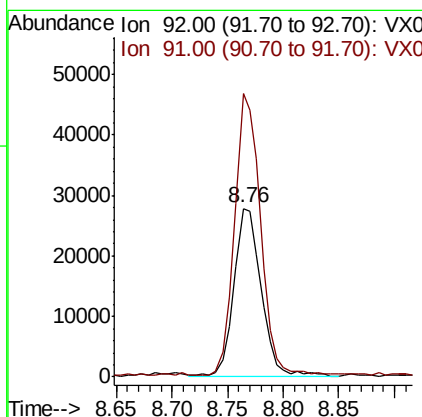
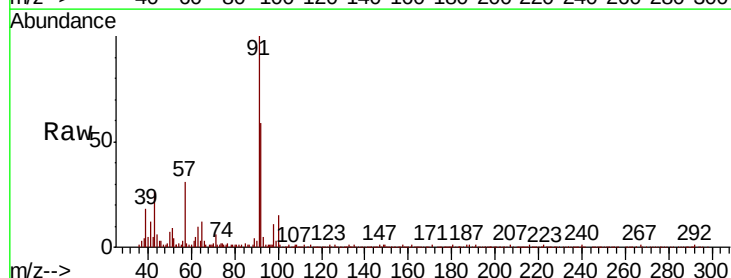
Instrument :
MSVOA_X
ClientSampleId :
400408744.2-VOA

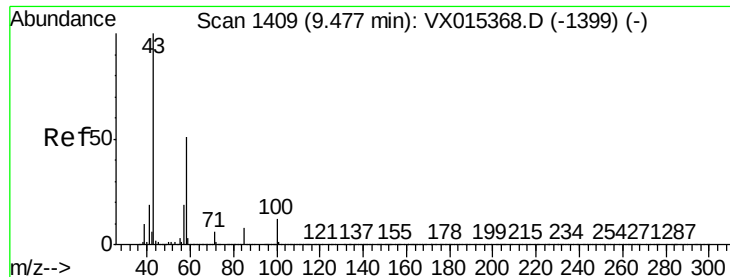
Tot Ion: 43 Resp: 31310
Ion Ratio Lower Upper
43 100
58 0.0 29.7 44.5#



#52
Toluene
Concen: 1.658 ug/l
RT: 8.76 min Scan# 1292
Delta R.T. -0.01 min
Lab File: VX015623.D
Acq: 10 Apr 2020 15:56

Tgt Ion: 92 Resp: 47898
Ion Ratio Lower Upper
92 100
91 155.6 136.6 205.0

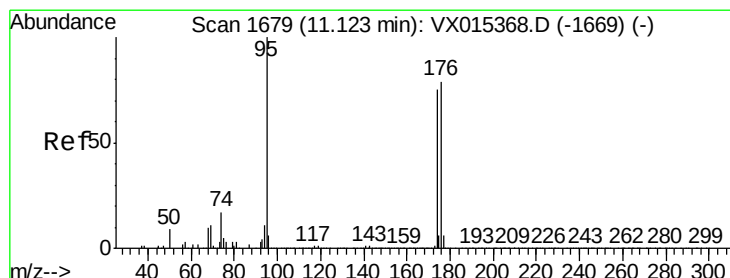
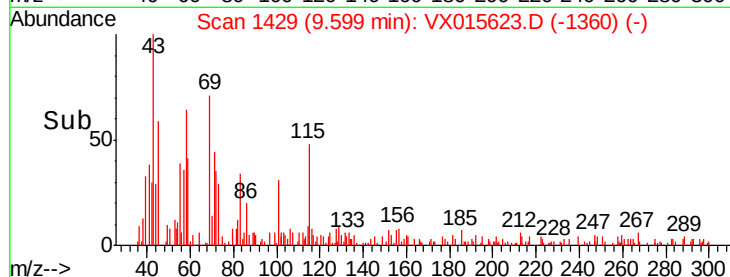
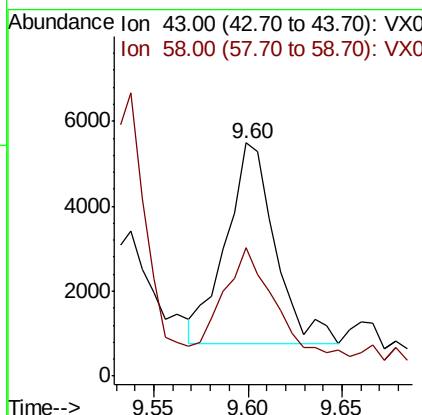
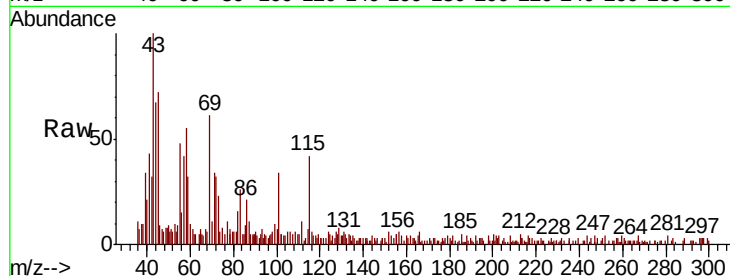




#59
2-Hexanone
Concen: 0.567 ug/l
RT: 9.60 min Scan# 1429
Delta R.T. 0.12 min
Lab File: VX015623.D
Acq: 10 Apr 2020 15:56

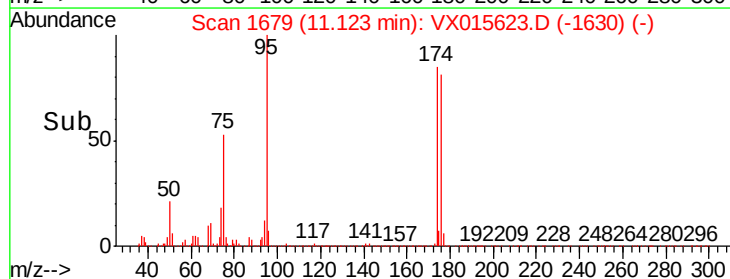
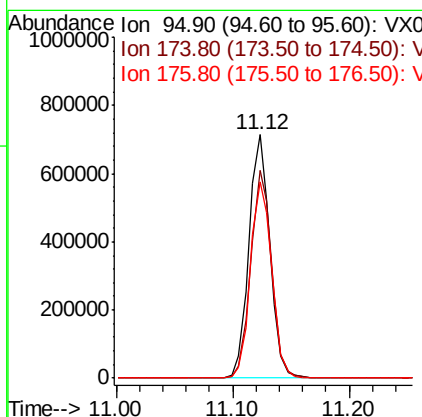
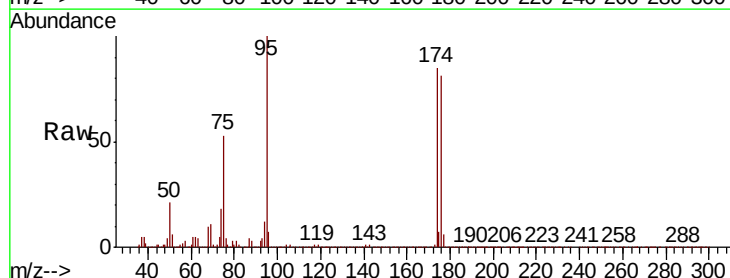
Instrument :
MSVOA_X
ClientSampleId :
400408744.2-VOA

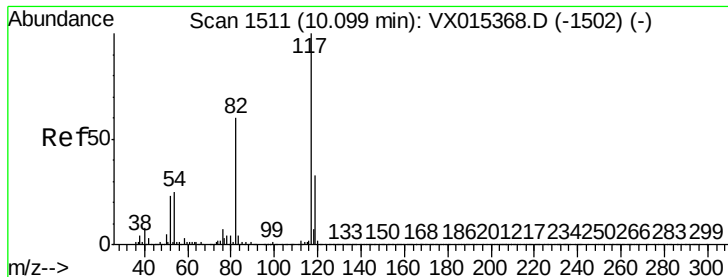
Tot Ion: 43 Resp: 8531
Ion Ratio Lower Upper
43 100
58 55.5 25.6 76.6



#62
4-Bromofluorobenzene
Concen: 53.982 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VX015623.D
Acq: 10 Apr 2020 15:56

Tgt Ion: 95 Resp: 896145
Ion Ratio Lower Upper
95 100
174 84.8 0.0 158.6
176 82.1 0.0 159.0

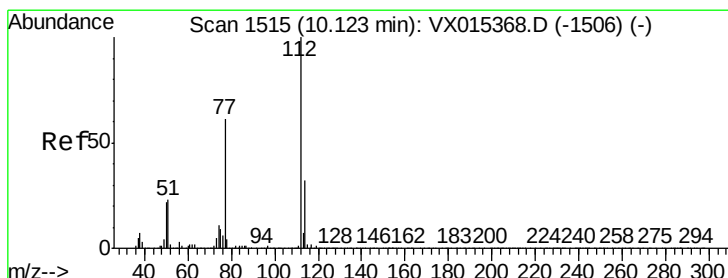
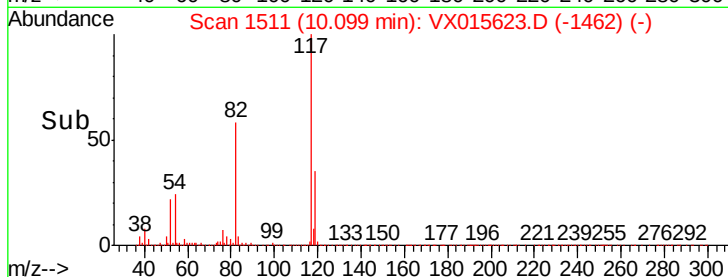
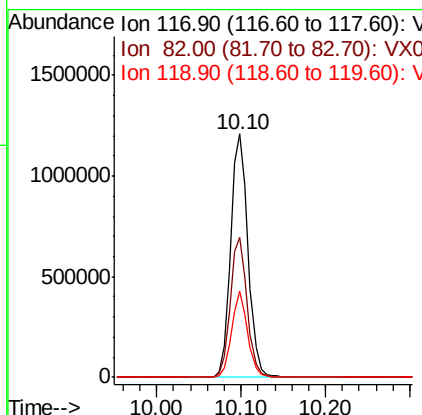
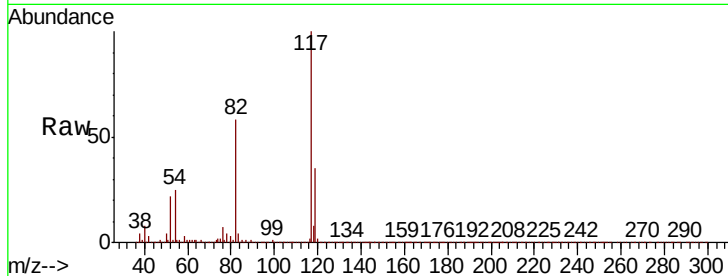




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015623.D
Acq: 10 Apr 2020 15:56

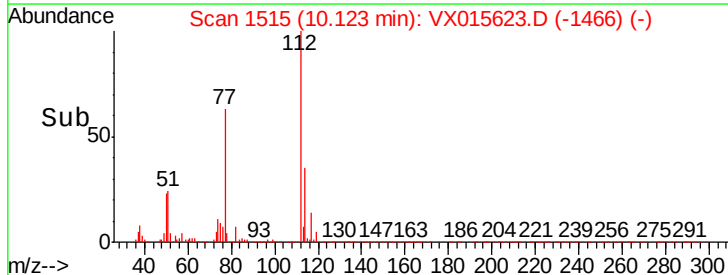
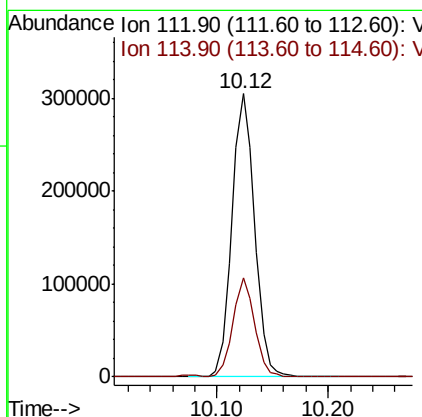
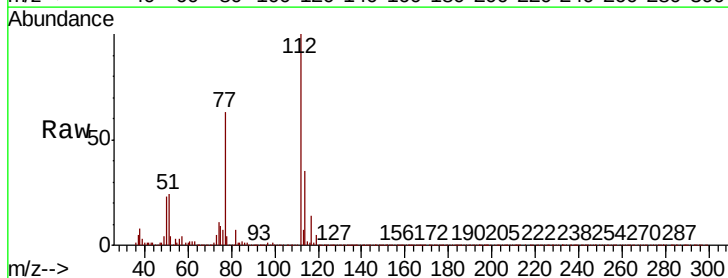
Instrument :
MSVOA_X
ClientSampleId :
400408744.2-VOA

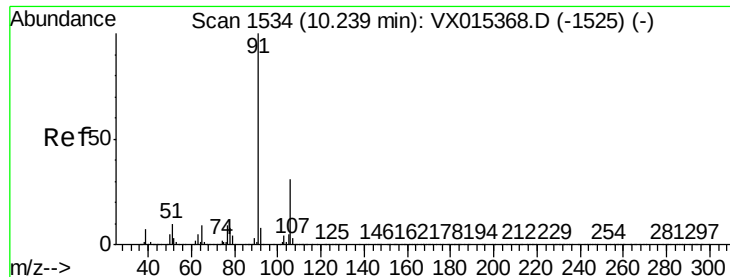
Tot Ion:117 Resp: 1688356
Ion Ratio Lower Upper
117 100
82 57.6 47.8 71.8
119 35.3 26.8 40.2



#65
Chlorobenzene
Concen: 12.710 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VX015623.D
Acq: 10 Apr 2020 15:56

Tgt Ion:112 Resp: 427969
Ion Ratio Lower Upper
112 100
114 35.1 25.5 38.3





#67

Ethyl Benzene

Concen: 8.779 ug/l

RT: 10.24 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VX015623.D

Acq: 10 Apr 2020 15:56

Instrument :

MSVOA_X

ClientSampleId :

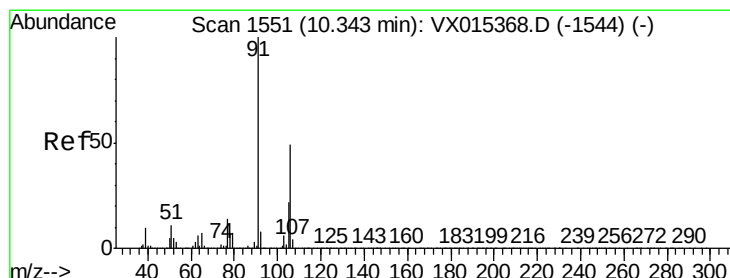
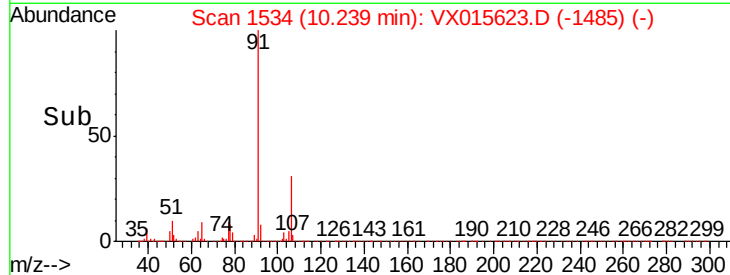
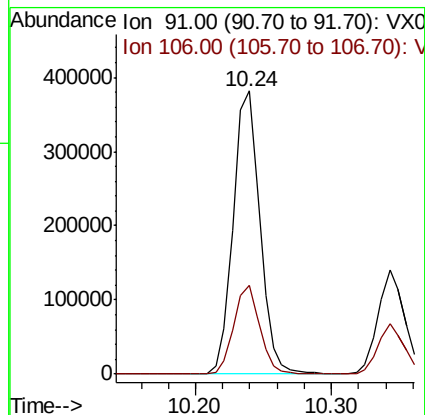
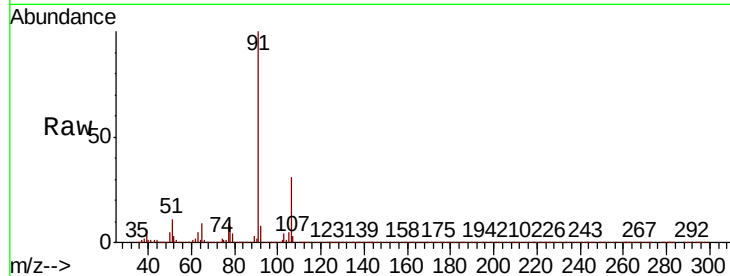
400408744.2-VOA

Tot Ion: 91 Resp: 524249

Ion Ratio Lower Upper

91 100

106 31.1 24.8 37.2



#68

m/p-Xylenes

Concen: 4.129 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. 0.00 min

Lab File: VX015623.D

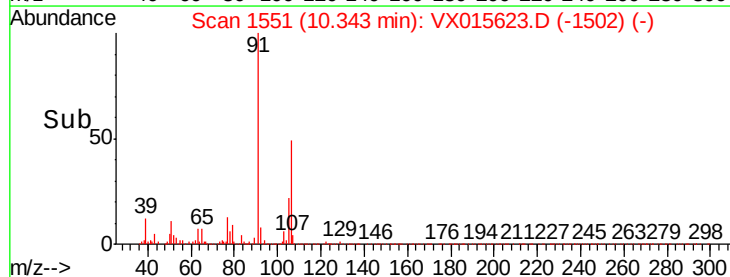
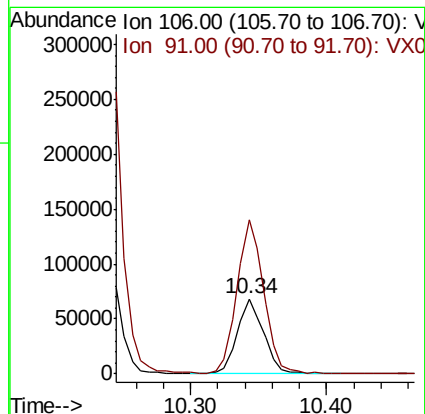
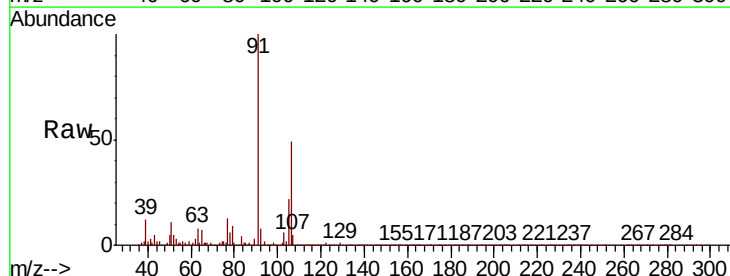
Acq: 10 Apr 2020 15:56

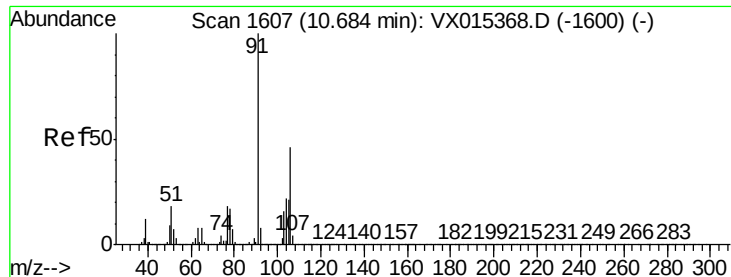
Tgt Ion: 106 Resp: 91821

Ion Ratio Lower Upper

106 100

91 208.5 163.4 245.0

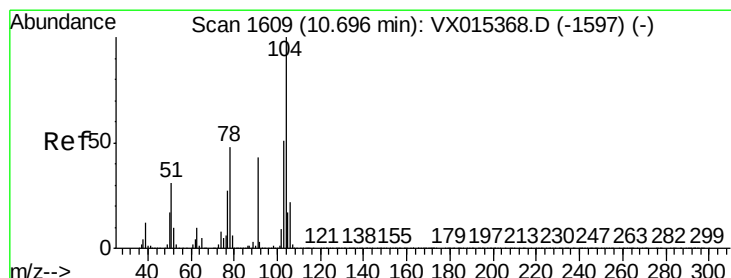
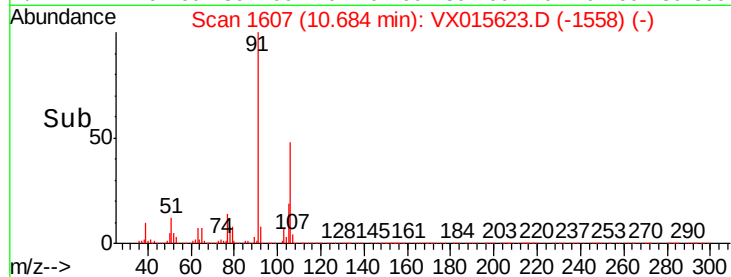
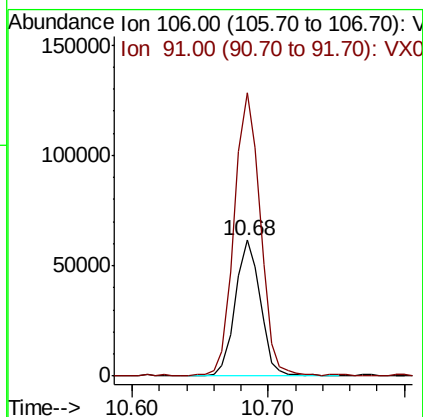
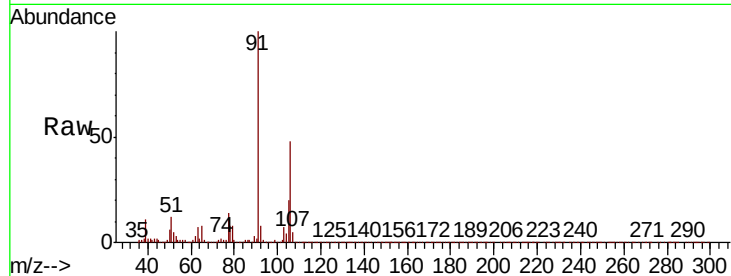




#69
o-Xylene
Concen: 3.590 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015623.D
Acq: 10 Apr 2020 15:56

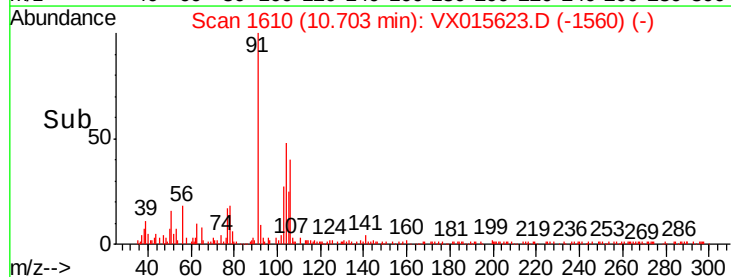
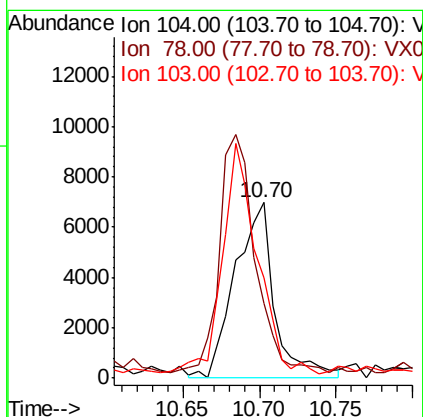
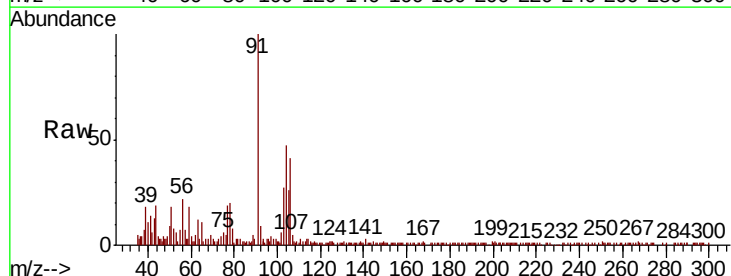
Instrument :
MSVOA_X
ClientSampleId :
400408744.2-VOA

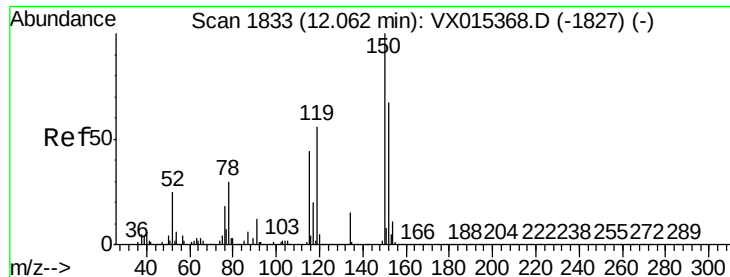
Tot Ion:106 Resp: 78882
Ion Ratio Lower Upper
106 100
91 216.1 107.1 321.3



#70
Styrene
Concen: 0.323 ug/l
RT: 10.70 min Scan# 1610
Delta R.T. 0.01 min
Lab File: VX015623.D
Acq: 10 Apr 2020 15:56

Tgt Ion:104 Resp: 12508
Ion Ratio Lower Upper
104 100
78 121.8 42.0 63.0#
103 117.9 43.4 65.0#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX015623.D

Acq: 10 Apr 2020 15:56

Instrument :

MSVOA_X

ClientSampleId :

400408744.2-VOA

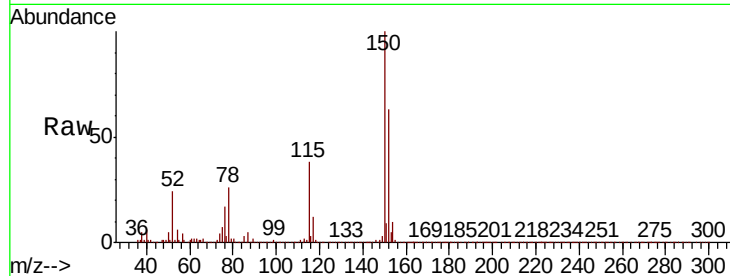
Tot Ion:152 Resp: 943478

Ion Ratio Lower Upper

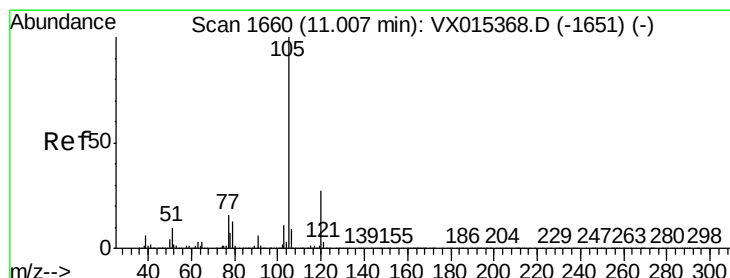
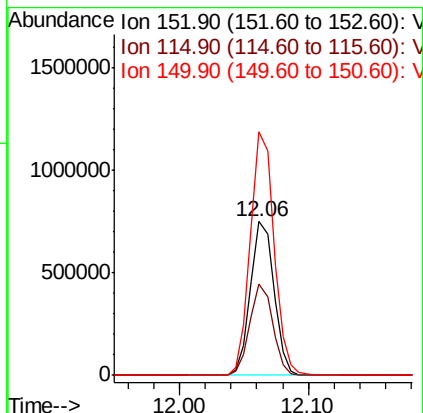
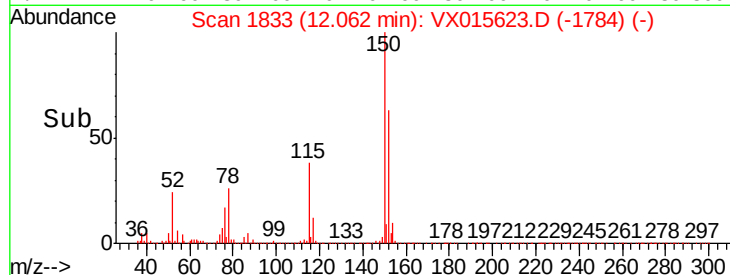
152 100

115 57.8 39.0 116.9

150 158.9 0.0 340.8



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: 1.380 ug/l

RT: 11.01 min Scan# 1660

Delta R.T. 0.00 min

Lab File: VX015623.D

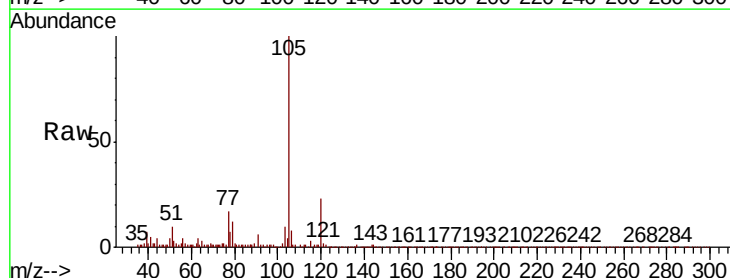
Acq: 10 Apr 2020 15:56

Tgt Ion:105 Resp: 85297

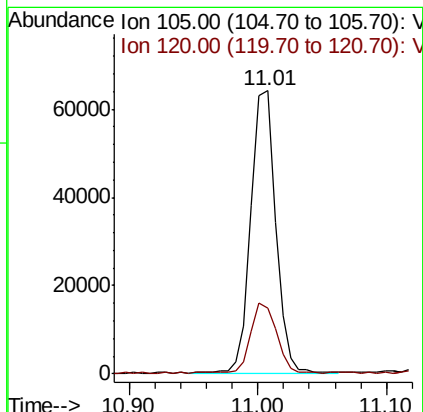
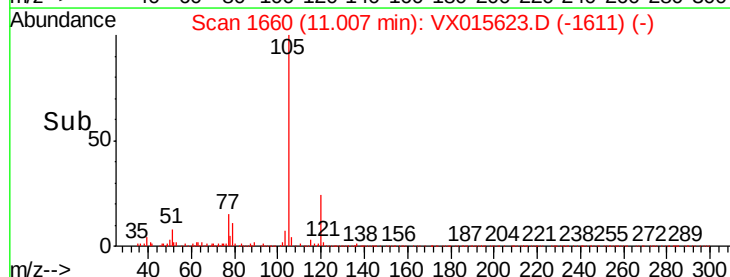
Ion Ratio Lower Upper

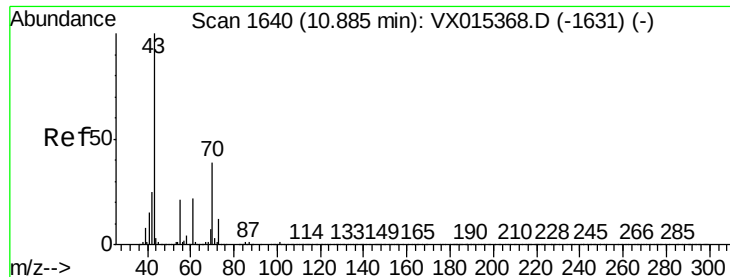
105 100

120 25.9 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.469 ug/l

RT: 10.93 min Scan# 1648

Delta R.T. 0.05 min

Lab File: VX015623.D

Acq: 10 Apr 2020 15:56

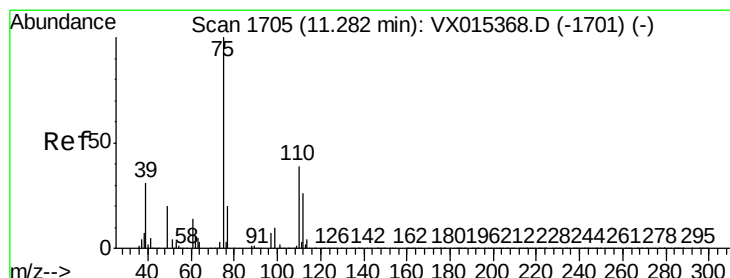
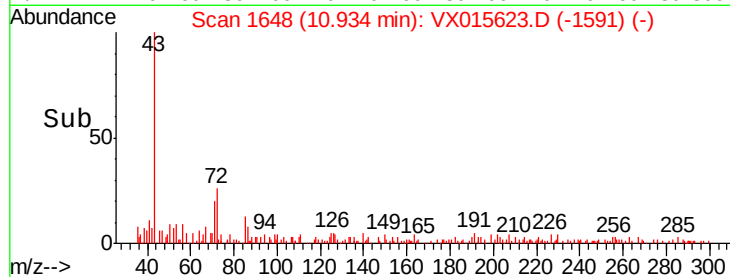
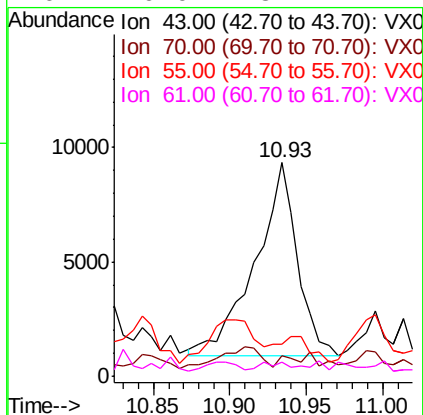
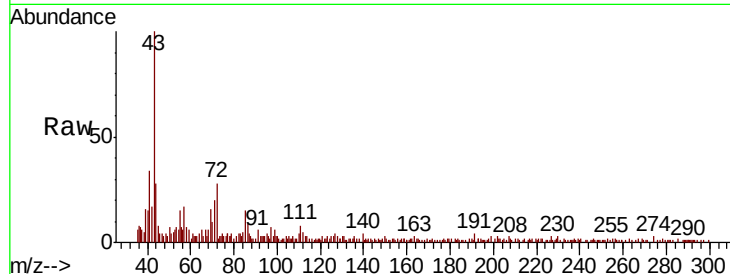
Instrument :

MSVOA_X

ClientSampleId :

400408744.2-VOA

Tot Ion:	43	Resp:	16112
Ion	Ratio	Lower	Upper
43	100		
70	2.7	30.2	45.4#
55	8.4	16.8	25.2#
61	0.0	18.2	27.2#



#76

1,2,3-Trichloropropane

Concen: 24.128 ug/l

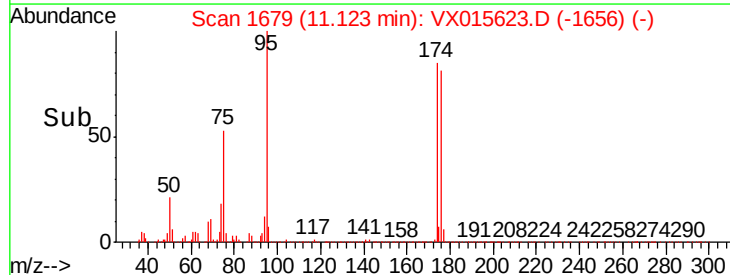
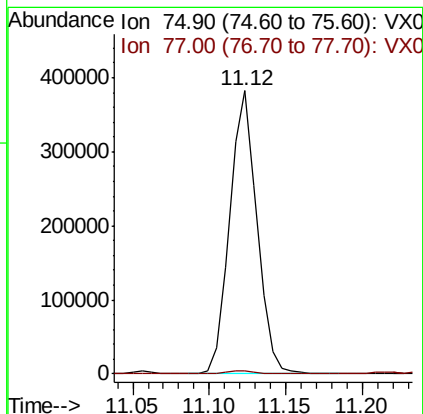
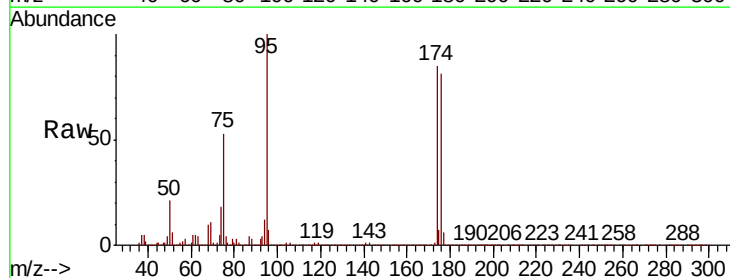
RT: 11.12 min Scan# 1679

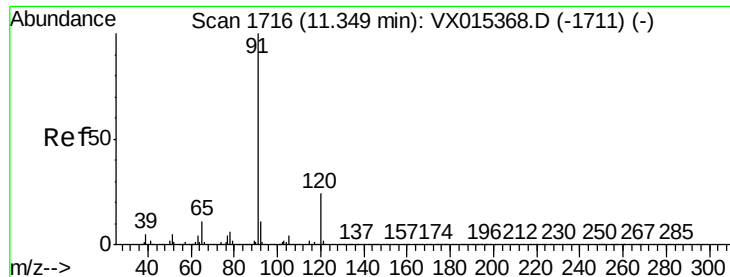
Delta R.T. -0.16 min

Lab File: VX015623.D

Acq: 10 Apr 2020 15:56

Tgt Ion:	75	Resp:	468130
Ion	Ratio	Lower	Upper
75	100		
77	1.3	21.2	63.6#





#78

n-propylbenzene

Concen: 0.801 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. -0.01 min

Lab File: VX015623.D

Acq: 10 Apr 2020 15:56

Instrument :

MSVOA_X

ClientSampleId :

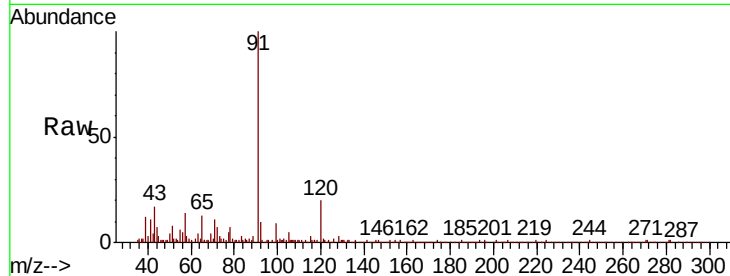
400408744.2-VOA

Tot Ion: 91 Resp: 56631

Ion Ratio Lower Upper

91 100

120 24.7 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

50000

40000

30000

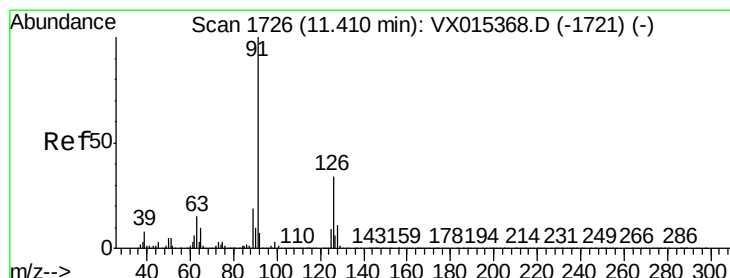
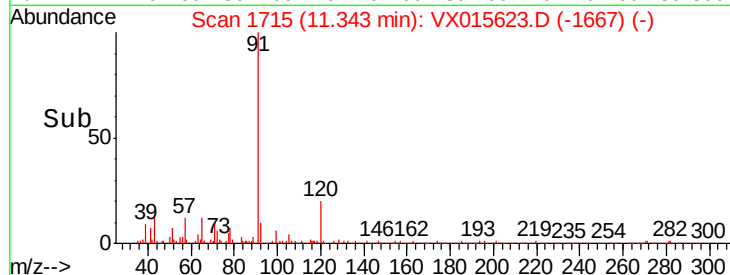
20000

10000

0

Time-->

11.30 11.35 11.40



#79

2-Chlorotoluene

Concen: 0.849 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. -0.01 min

Lab File: VX015623.D

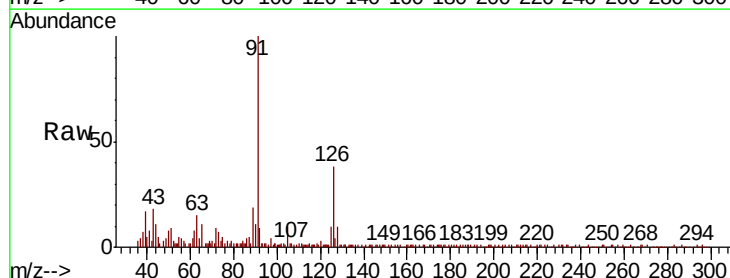
Acq: 10 Apr 2020 15:56

Tgt Ion: 91 Resp: 36778

Ion Ratio Lower Upper

91 100

126 28.8 16.5 49.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

50000

40000

30000

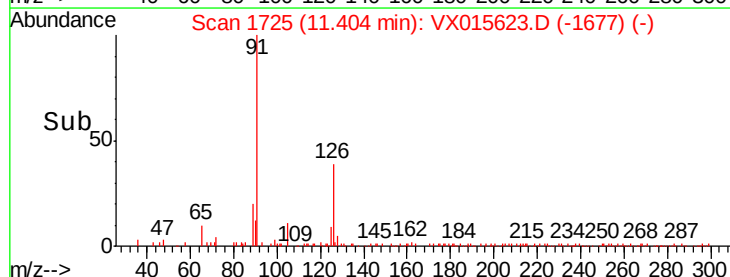
20000

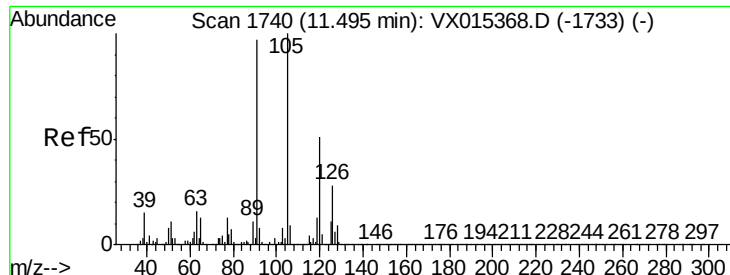
10000

0

Time-->

11.35 11.40 11.45 11.50

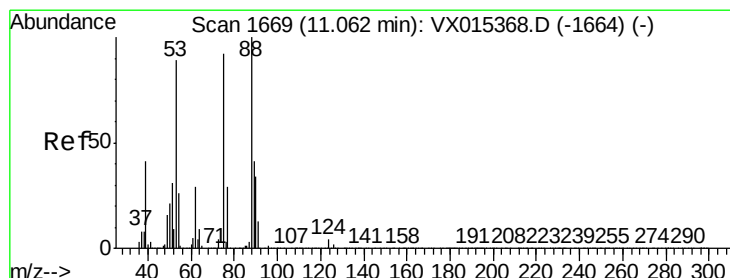
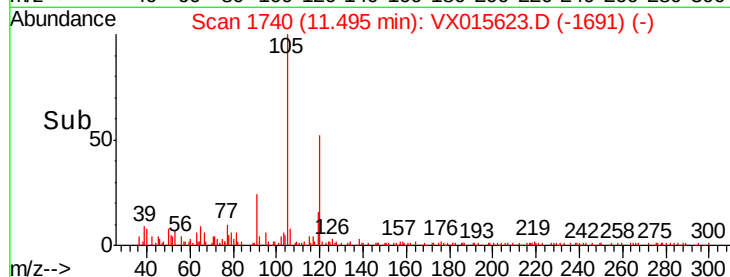
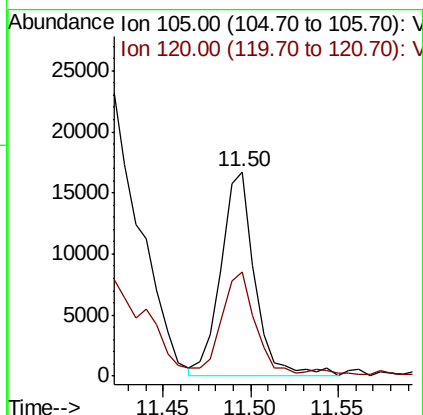
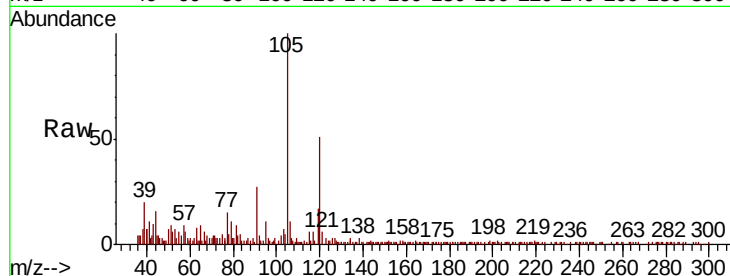




#80
 1,3,5-Trimethylbenzene
 Concen: 0.430 ug/l
 RT: 11.50 min Scan# 1740
 Delta R.T. 0.00 min
 Lab File: VX015623.D
 Acq: 10 Apr 2020 15:56

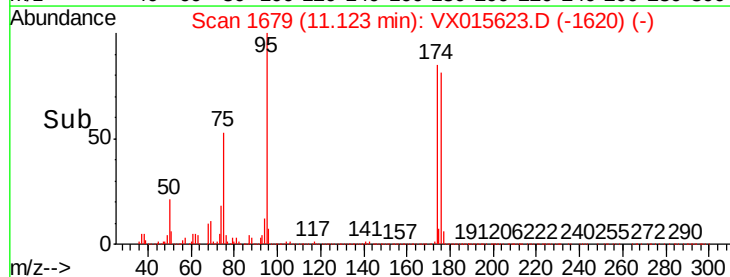
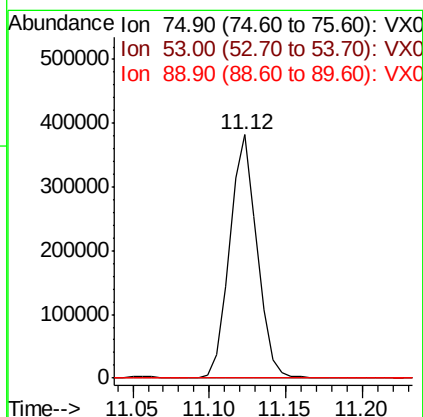
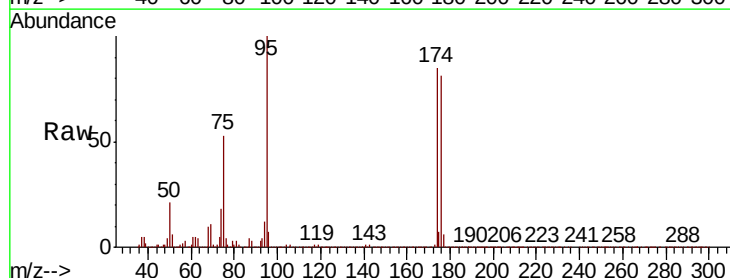
Instrument :
 MSVOA_X
 ClientSampleId :
 400408744.2-VOA

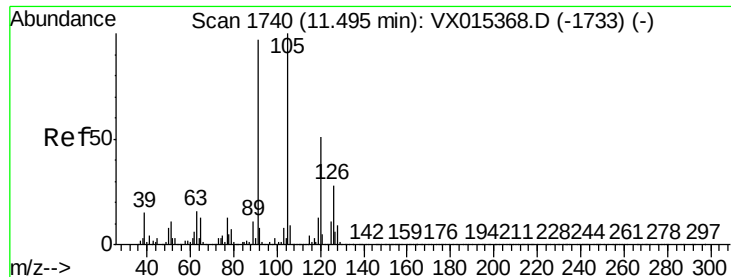
Tot Ion:105 Resp: 22705
 Ion Ratio Lower Upper
 105 100
 120 47.3 24.8 74.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 57.894 ug/l
 RT: 11.12 min Scan# 1679
 Delta R.T. 0.06 min
 Lab File: VX015623.D
 Acq: 10 Apr 2020 15:56

Tgt Ion: 75 Resp: 468130
 Ion Ratio Lower Upper
 75 100
 53 0.0 80.1 120.1#
 89 0.1 36.1 54.1#

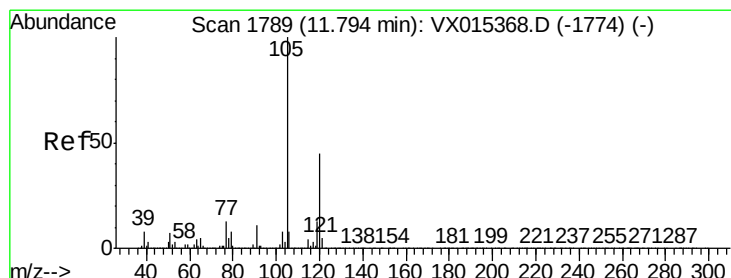
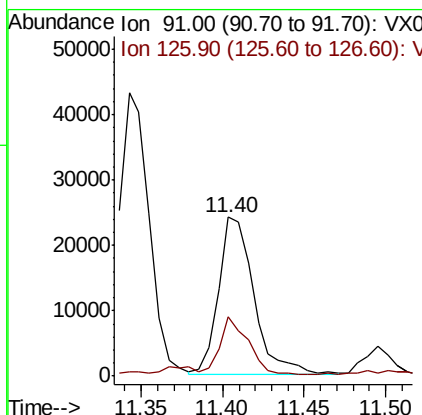
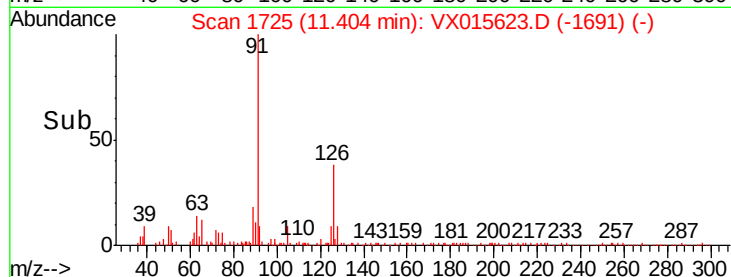
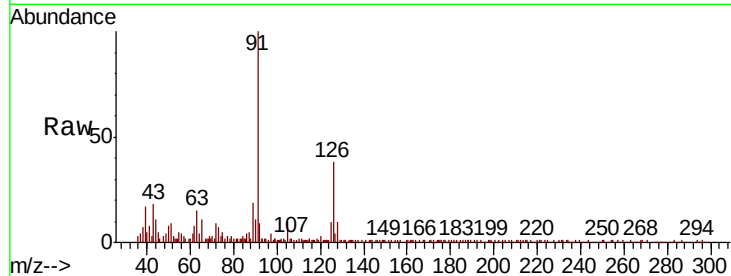




#82
4-Chlorotoluene
Concen: 0.724 ug/l
RT: 11.40 min Scan# 1725
Delta R.T. -0.09 min
Lab File: VX015623.D
Acq: 10 Apr 2020 15:56

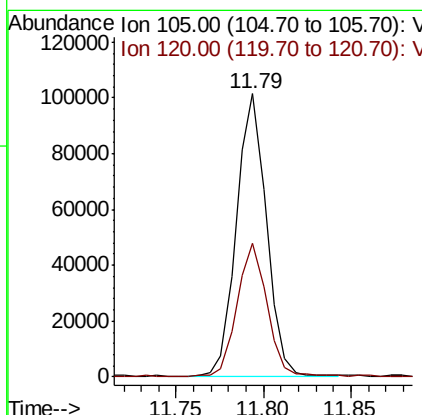
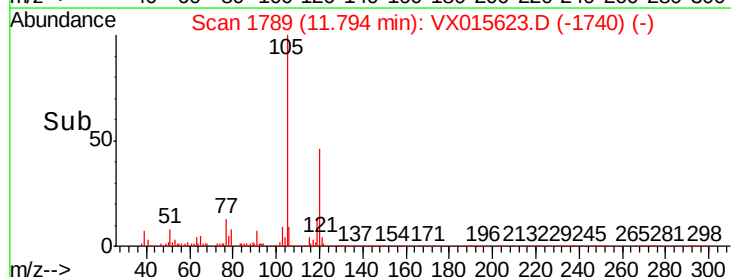
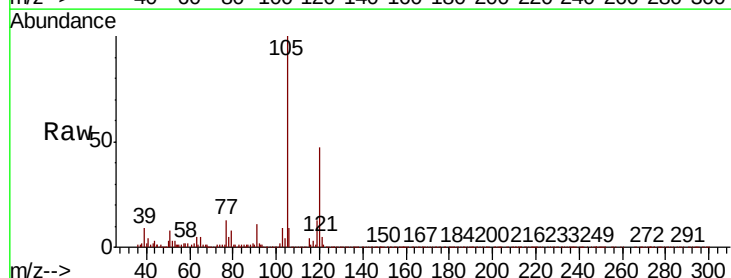
Instrument :
MSVOA_X
ClientSampleId :
400408744.2-VOA

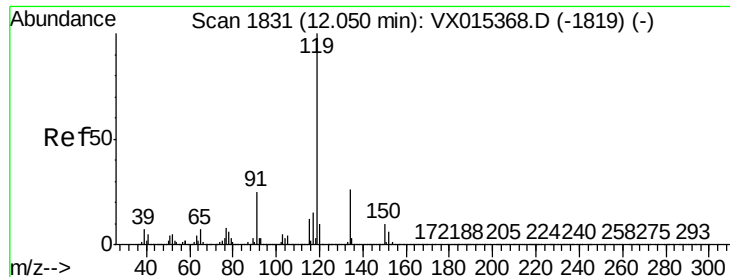
Tot Ion: 91 Resp: 36778
Ion Ratio Lower Upper
91 100
126 28.8 14.7 44.1



#84
1,2,4-Trimethylbenzene
Concen: 2.227 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX015623.D
Acq: 10 Apr 2020 15:56

Tgt Ion: 105 Resp: 119813
Ion Ratio Lower Upper
105 100
120 46.7 22.7 68.1

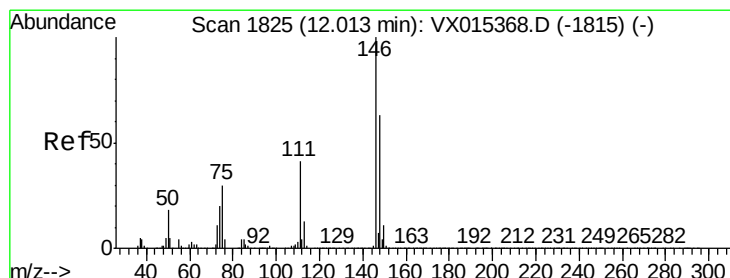
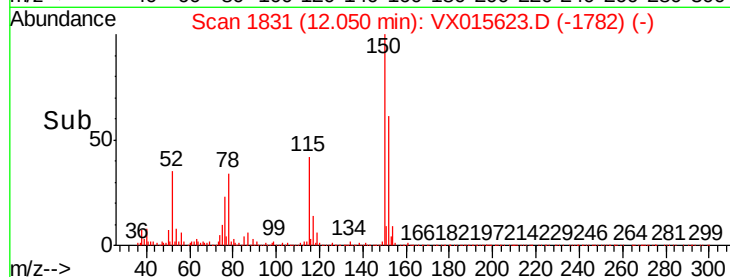
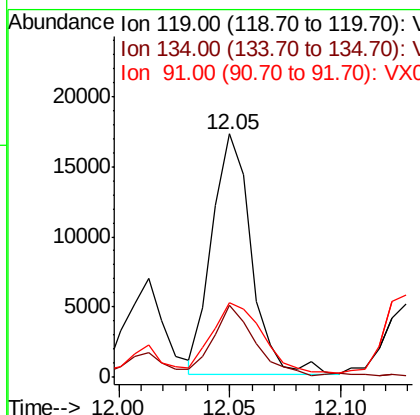
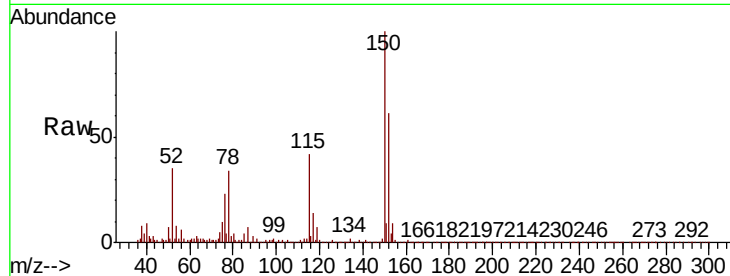




#86
 p-Isopropyltoluene
 Concen: 0.378 ug/l
 RT: 12.05 min Scan# 1831
 Delta R.T. 0.00 min
 Lab File: VX015623.D
 Acq: 10 Apr 2020 15:56

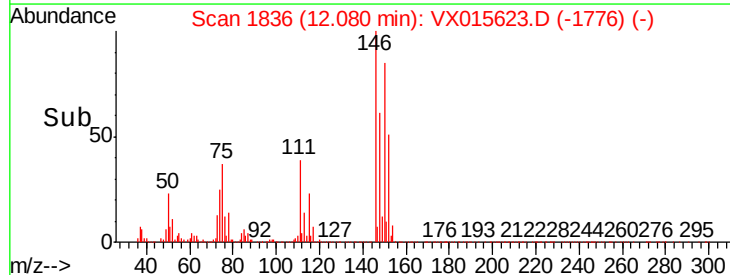
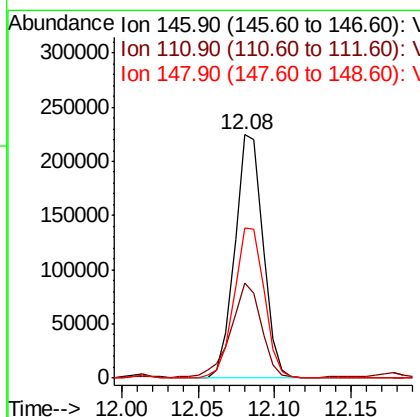
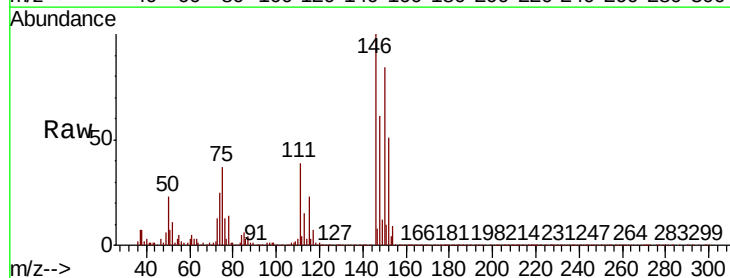
Instrument :
 MSVOA_X
 ClientSampleId :
 400408744.2-VOA

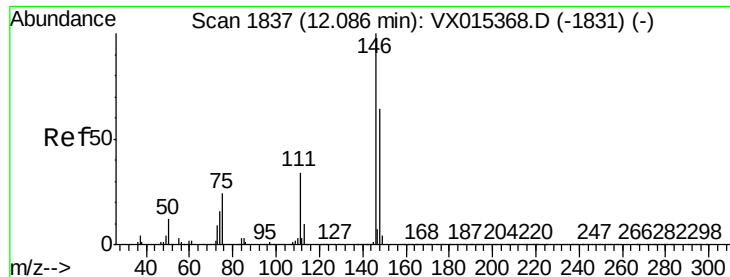
Tot Ion	Ratio	Lower	Upper
119	100		
134	28.9	13.1	39.3
91	37.2	12.4	37.4



#87
 1,3-Dichlorobenzene
 Concen: 9.726 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. 0.07 min
 Lab File: VX015623.D
 Acq: 10 Apr 2020 15:56

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.2	20.3	60.9
148	65.3	31.3	93.9

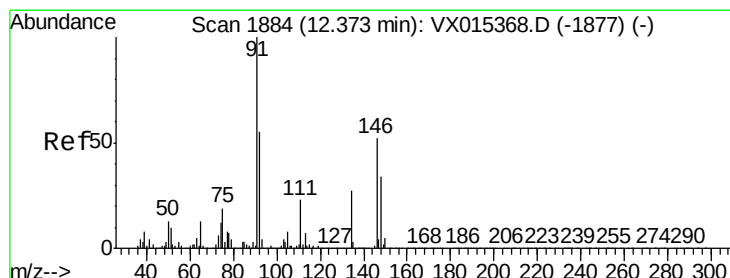
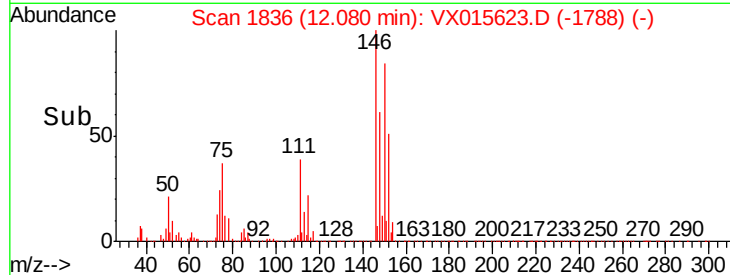
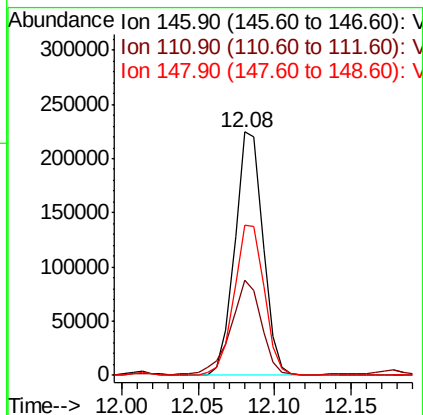
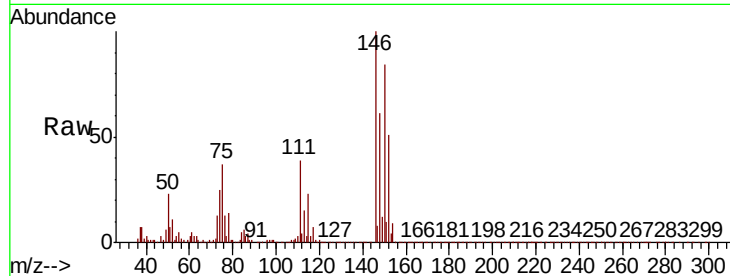




#88
 1,4-Dichlorobenzene
 Concen: 9.548 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015623.D
 Acq: 10 Apr 2020 15:56

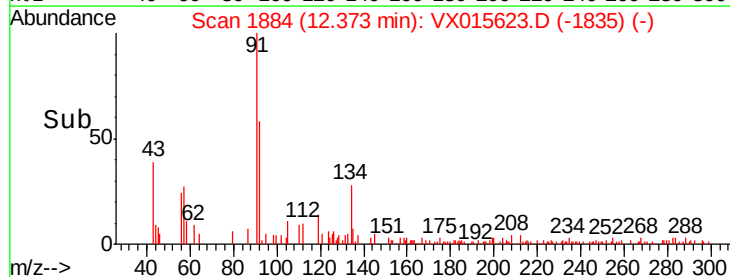
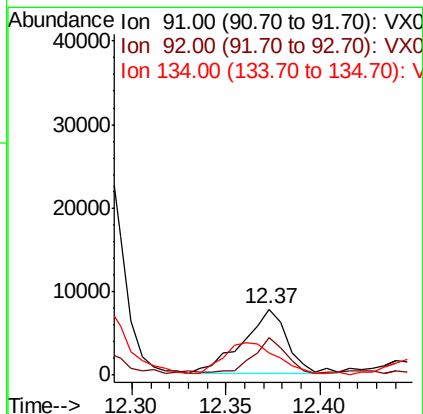
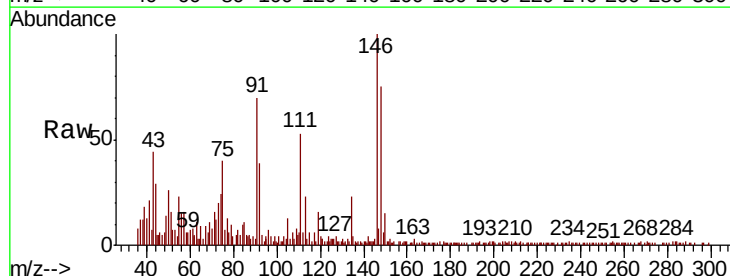
Instrument :
 MSVOA_X
 ClientSampleId :
 400408744.2-VOA

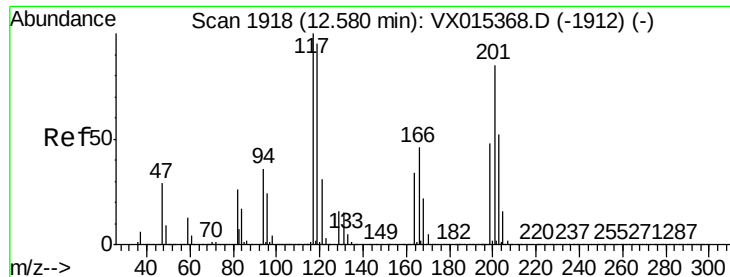
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	19.1	57.5
148	65.3	32.4	97.2



#89
 n-Butylbenzene
 Concen: 0.249 ug/l
 RT: 12.37 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX015623.D
 Acq: 10 Apr 2020 15:56

Tgt Ion	Ratio	Lower	Upper
91	100		
92	40.0	27.2	81.5
134	58.8	13.4	40.2





#90

Hexachloroethane

Concen: 0.436 ug/l

RT: 12.65 min Scan# 1930

Delta R.T. 0.07 min

Lab File: VX015623.D

Acq: 10 Apr 2020 15:56

Instrument :

MSVOA_X

ClientSampleId :

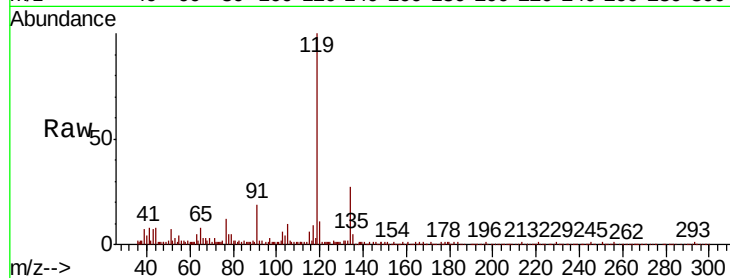
400408744.2-VOA

Tot Ion:117 Resp: 4704

Ion Ratio Lower Upper

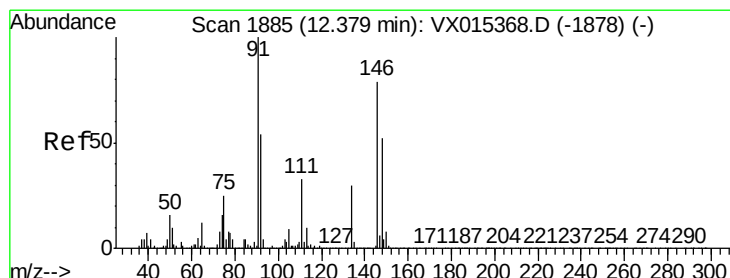
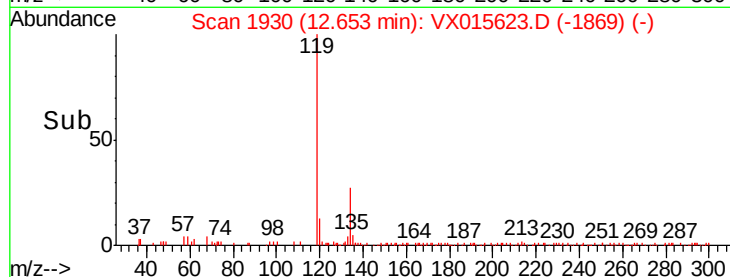
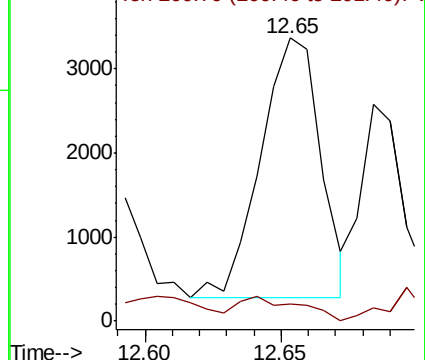
117 100

201 9.6 42.6 128.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 0.658 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX015623.D

Acq: 10 Apr 2020 15:56

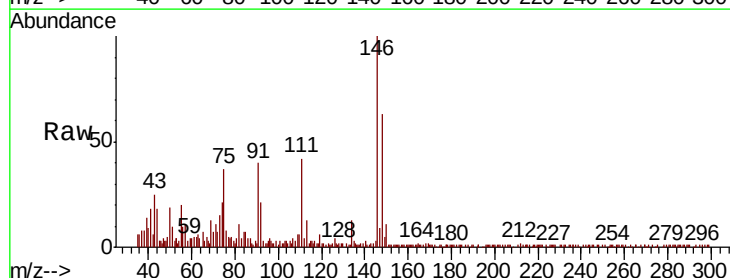
Tgt Ion:146 Resp: 19011

Ion Ratio Lower Upper

146 100

111 44.9 21.0 63.0

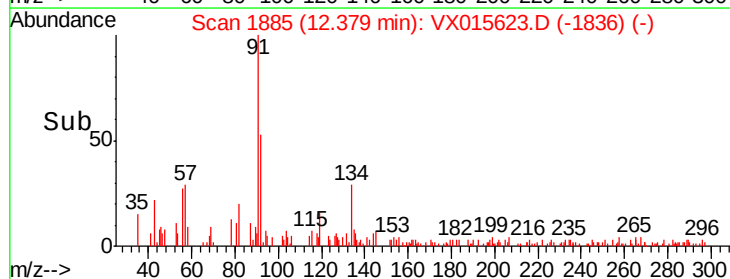
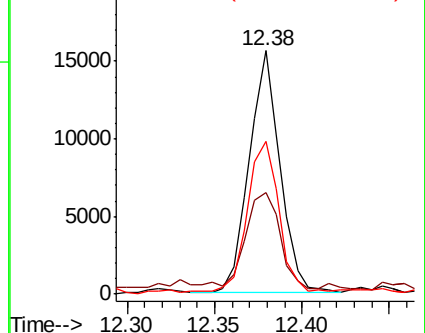
148 62.6 32.4 97.0

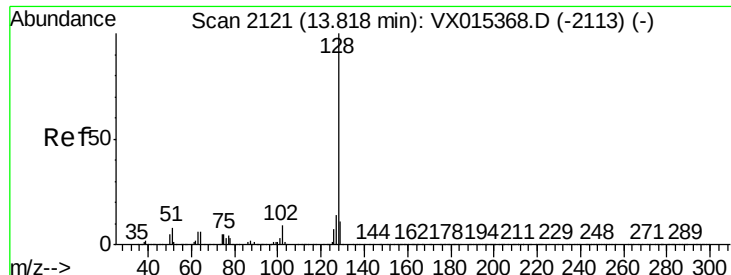


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#95
Naphthalene
Concen: 11.580 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015623.D
Acq: 10 Apr 2020 15:56

Instrument :
MSVOA_X
ClientSampleId :
400408744.2-VOA

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.6	15.8
129	10.9	8.8	13.2

