

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082019\
 Data File : VX011673.D
 Acq On : 20 Aug 2019 10:36
 Operator : JC/SP
 Sample : VX0820WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBL01

Quant Time: Aug 31 00:47:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

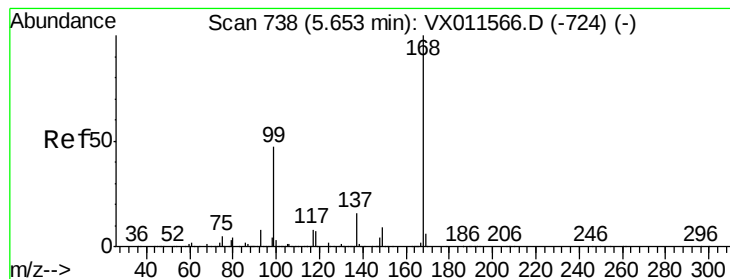
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	407002	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	541356	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	499589	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	249103	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	203470	53.91	ug/l	0.00
Spiked Amount						
35) Dibromofluoromethane	5.49	113	169301	47.81	ug/l	0.00
Spiked Amount						
50) Toluene-d8	8.71	98	603933	54.74	ug/l	0.00
Spiked Amount						
62) 4-Bromofluorobenzene	11.13	95	223733	48.05	ug/l	0.00
Spiked Amount						

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	605	0.360	ug/l #	21
6) Chloroethane	1.70	64	449	0.253	ug/l #	76
11) Tert butyl alcohol	3.03	59	210	0.227	ug/l #	68
13) Acrolein	2.28	56	303	13.196	ug/l #	18
16) Acetone	2.43	43	1062	0.560	ug/l #	49
20) Methylene Chloride	2.85	84	841	0.211	ug/l #	43
36) 1,1-Dichloropropene	5.65	75	24931	5.386	ug/l #	51
38) Carbon Tetrachloride	5.65	117	35887	7.038	ug/l #	16
41) Methacrylonitrile	5.01	41	586	0.200	ug/l #	69
49) 1,4-Dioxane	7.74	88	201	1.837	ug/l #	61
71) Bromoform	10.91	173	70	3.308	ug/l #	28
76) 1,2,3-Trichloropropane	11.13	75	108524	22.975	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.13	75	108524	61.140	ug/l #	11

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

```
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX082019\
Data File : VX011673.D
Acq On    : 20 Aug 2019   10:36
Operator  : JC/SP
Sample    : VX0820WBL01
Misc      : 5.0mL/MSVOA_X/WATER
ALS Vial  : 4   Sample Multiplier: 1
```



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011673.D

Acq: 20 Aug 2019 10:36

Instrument :

MSVOA_X

ClientSampleId :

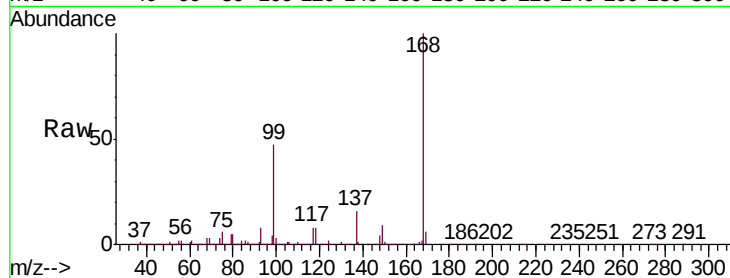
VX0820WBL01

Tgt Ion:168 Resp: 407002

Ion Ratio Lower Upper

168 100

99 46.7 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

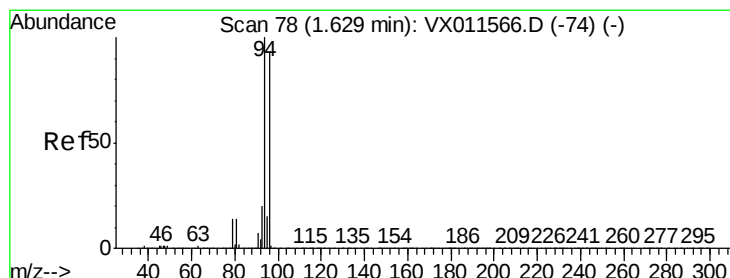
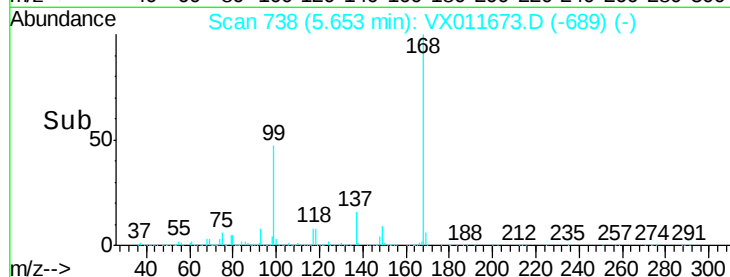
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.360 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.01 min

Lab File: VX011673.D

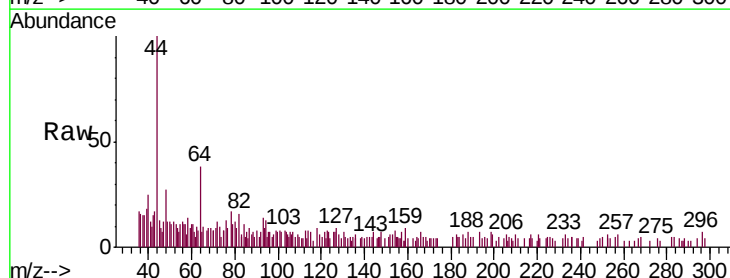
Acq: 20 Aug 2019 10:36

Tgt Ion: 94 Resp: 605

Ion Ratio Lower Upper

94 100

96 17.7 74.8 112.2#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

400

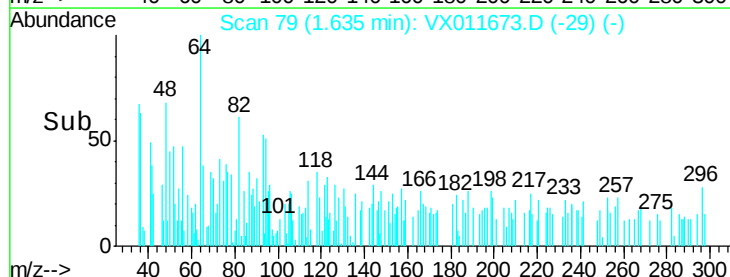
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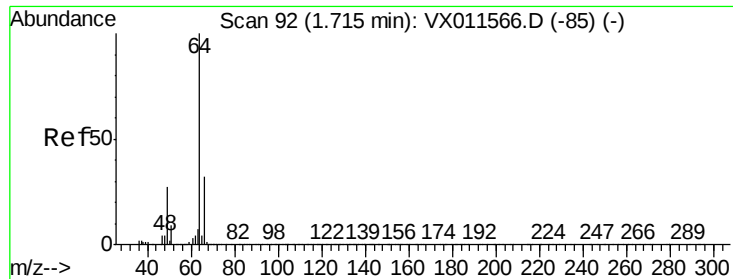
200

100

0

Time--> 1.60 1.62 1.64 1.66





#6

Chloroethane

Concen: 0.253 ug/l

RT: 1.70 min Scan# 89

Delta R.T. -0.02 min

Lab File: VX011673.D

Acq: 20 Aug 2019 10:36

Instrument :

MSVOA_X

ClientSampled :

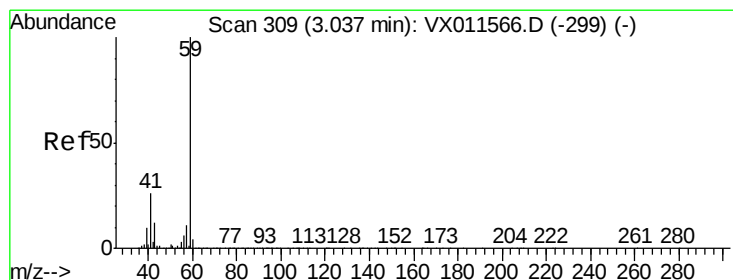
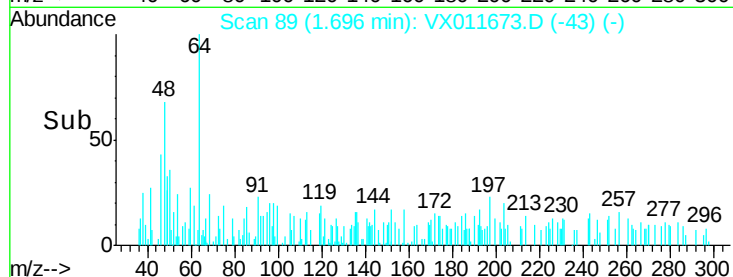
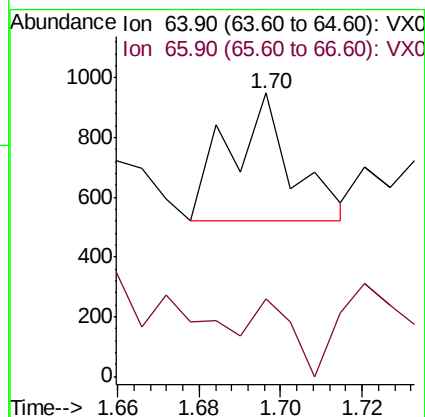
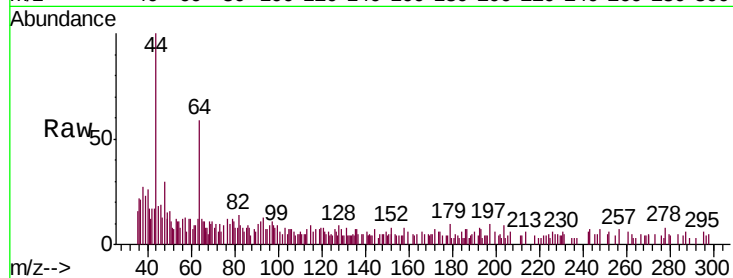
VX0820WBL01

Tgt Ion: 64 Resp: 449

Ion Ratio Lower Upper

64 100

66 18.5 25.3 37.9#



#11

Tert butyl alcohol

Concen: 0.227 ug/l

RT: 3.03 min Scan# 308

Delta R.T. -0.01 min

Lab File: VX011673.D

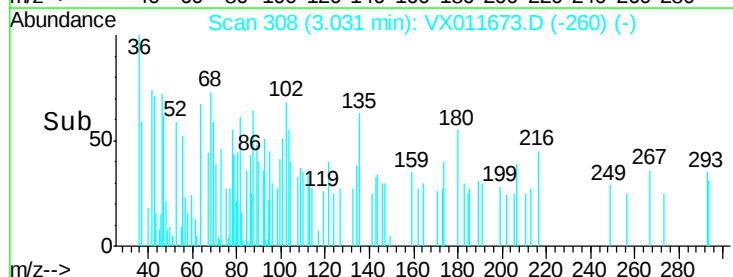
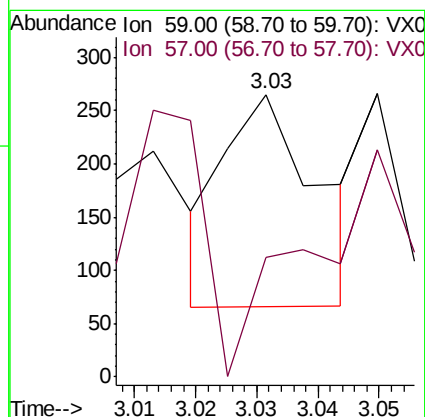
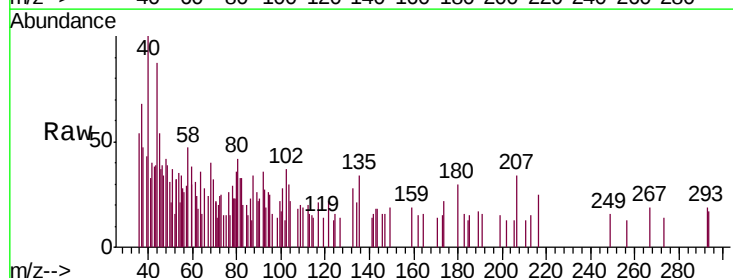
Acq: 20 Aug 2019 10:36

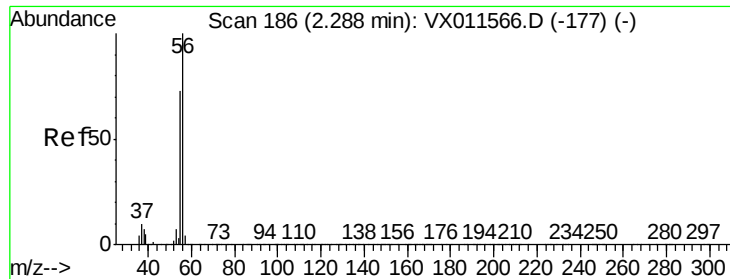
Tgt Ion: 59 Resp: 210

Ion Ratio Lower Upper

59 100

57 22.9 8.7 13.1#





#13

Acrolein

Concen: 13.196 ug/l

RT: 2.28 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX011673.D

Acq: 20 Aug 2019 10:36

Instrument :

MSVOA_X

ClientSampleId :

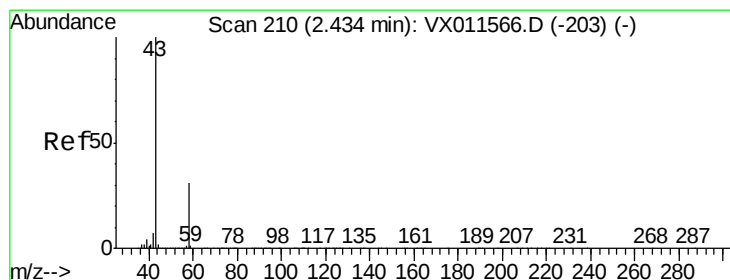
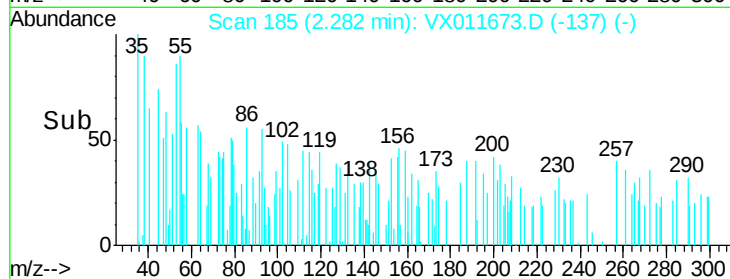
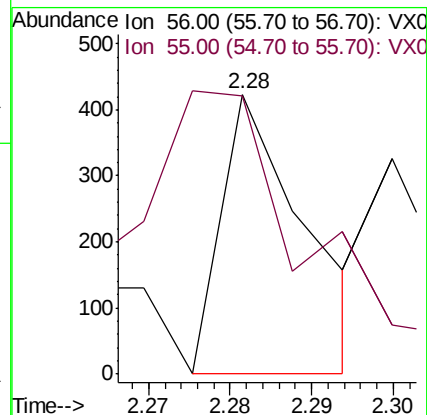
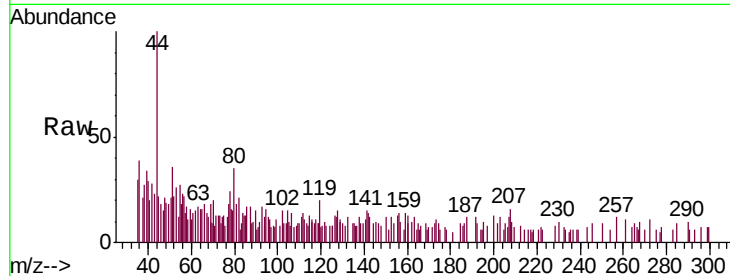
VX0820WBL01

Tgt Ion: 56 Resp: 303

Ion Ratio Lower Upper

56 100

55 136.6 55.5 83.3#



#16

Acetone

Concen: 0.560 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011673.D

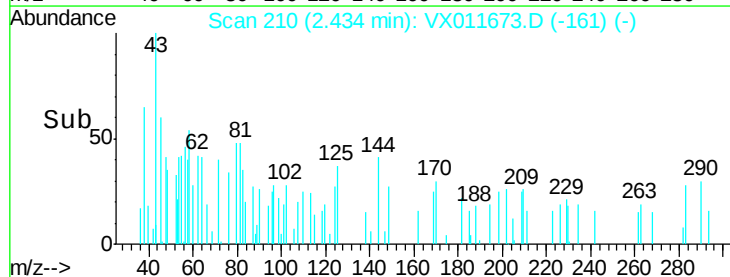
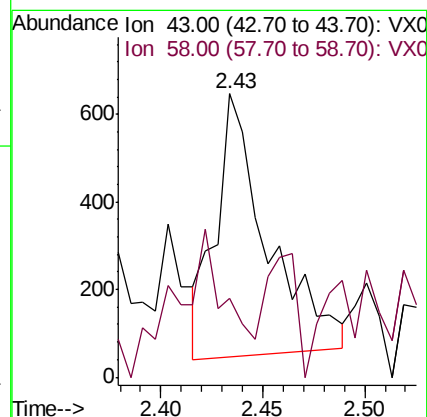
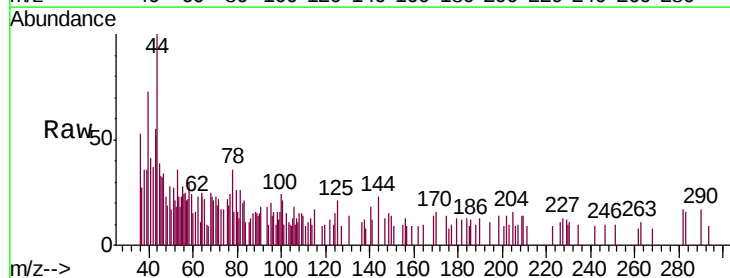
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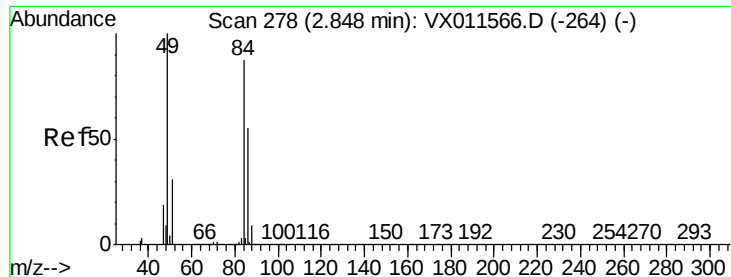
Tgt Ion: 43 Resp: 1062

Ion Ratio Lower Upper

43 100

58 3.0 25.2 37.8#

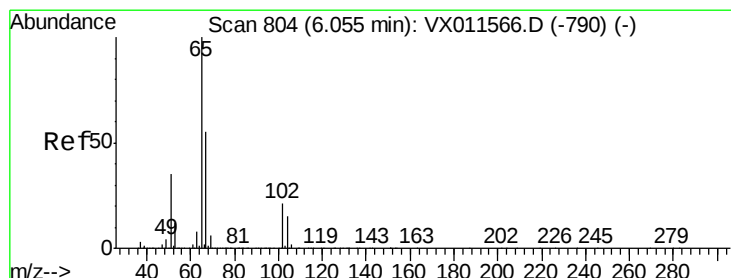
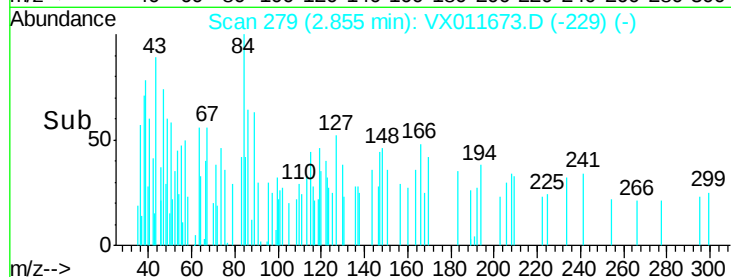
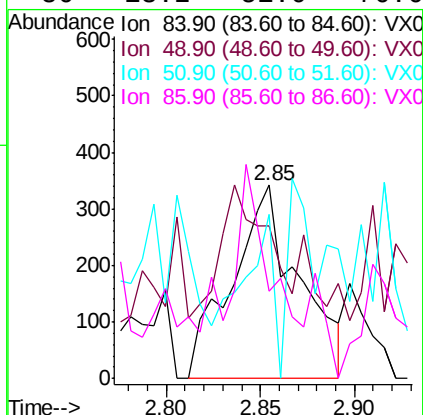
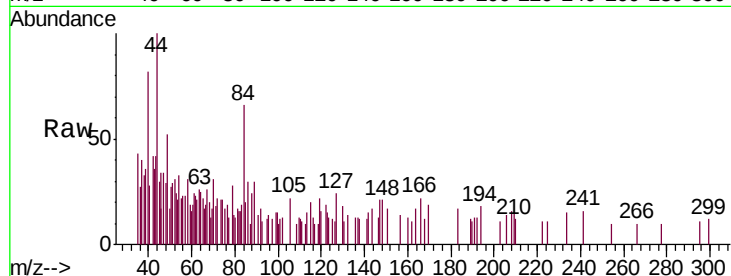




#20
Methylene Chloride
Concen: 0.211 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.01 min
Lab File: VX011673.D
Acq: 20 Aug 2019 10:36

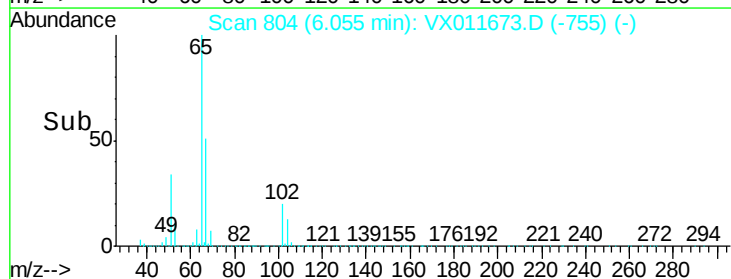
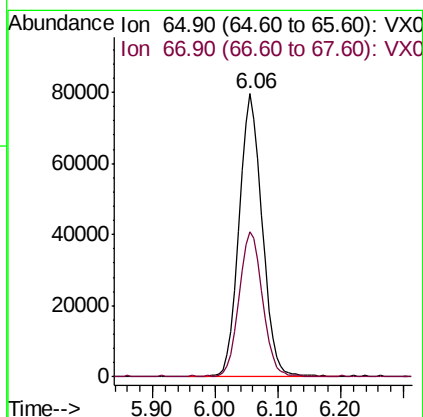
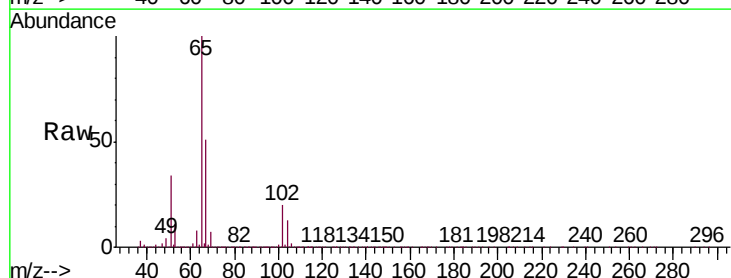
Instrument :
MSVOA_X
ClientSampleId :
VX0820WBL01

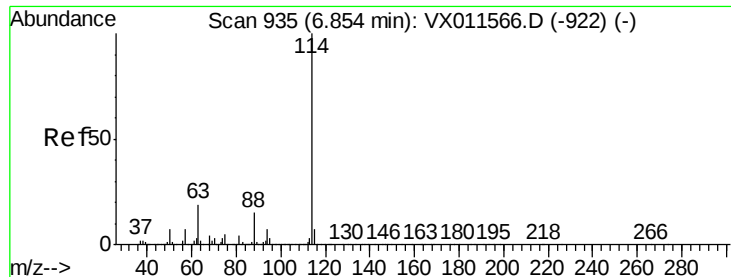
Tgt Ion:	84	Resp:	841
Ion	Ratio	Lower	Upper
84	100		
49	47.7	92.4	138.6#
51	19.6	28.5	42.7#
86	13.2	51.0	76.6#



#33
1,2-Dichloroethane-d4
Concen: 53.908 ug/l
RT: 6.06 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX011673.D
Acq: 20 Aug 2019 10:36

Tgt Ion:	65	Resp:	203470
Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	107.6

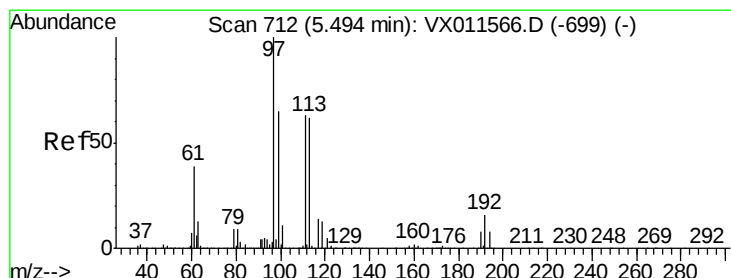
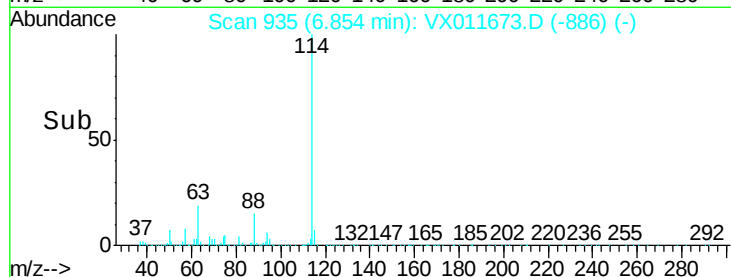
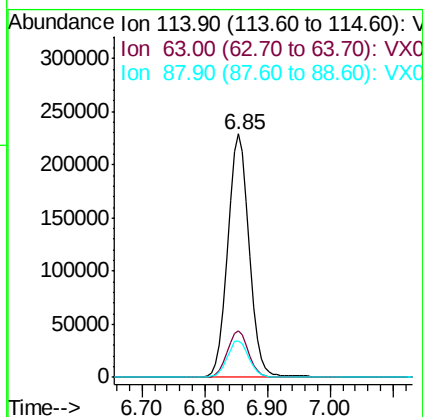
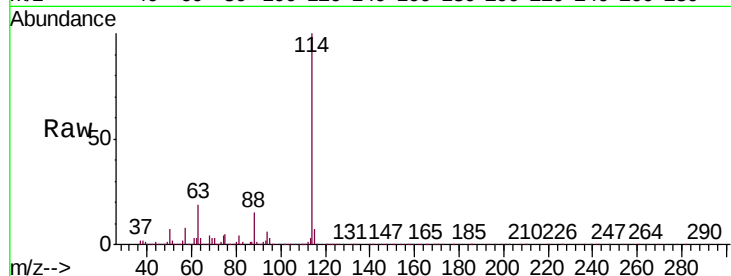




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011673.D
 Acq: 20 Aug 2019 10:36

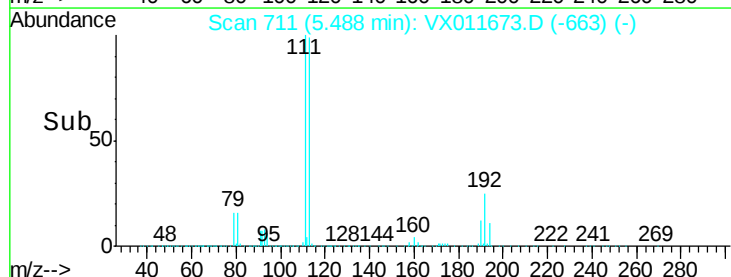
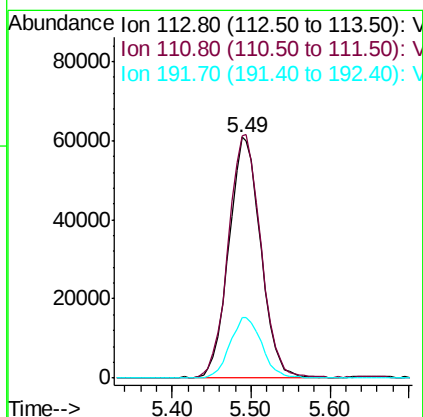
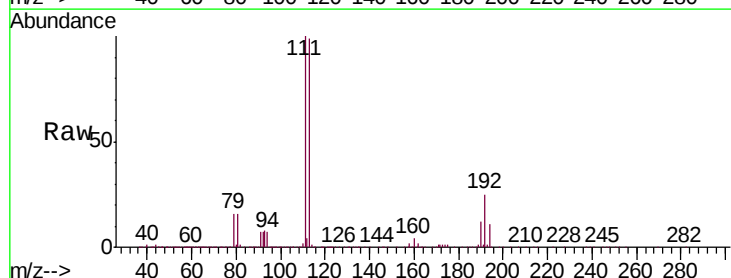
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBL01

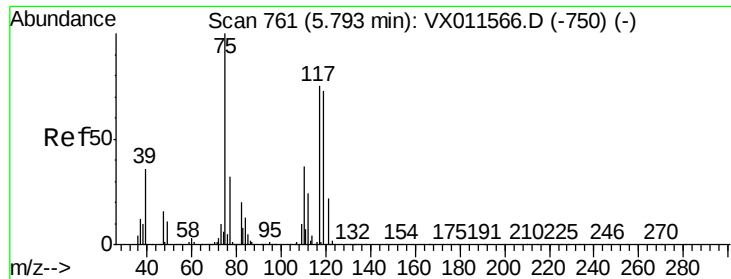
Tgt Ion:	114	Resp:	541356
Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	37.8
88	14.9	0.0	30.2



#35
 Dibromofluoromethane
 Concen: 47.814 ug/l
 RT: 5.49 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: VX011673.D
 Acq: 20 Aug 2019 10:36

Tgt Ion:	113	Resp:	169301
Ion	Ratio	Lower	Upper
113	100		
111	104.3	81.1	121.7
192	25.6	20.8	31.2

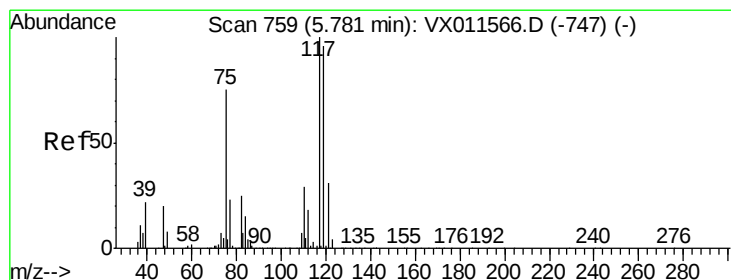
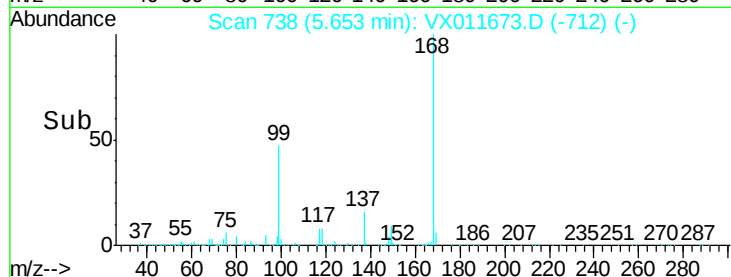
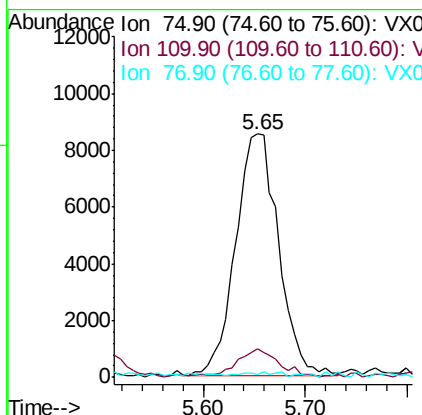
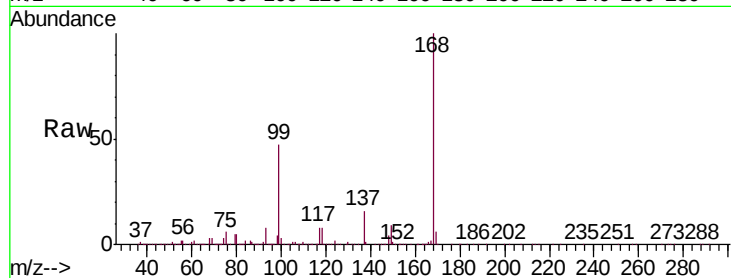




#36
 1,1-Dichloropropene
 Concen: 5.386 ug/l
 RT: 5.65 min Scan# 738
 Delta R.T. -0.14 min
 Lab File: VX011673.D
 Acq: 20 Aug 2019 10:36

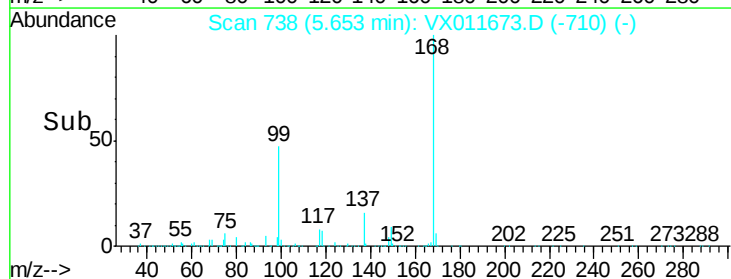
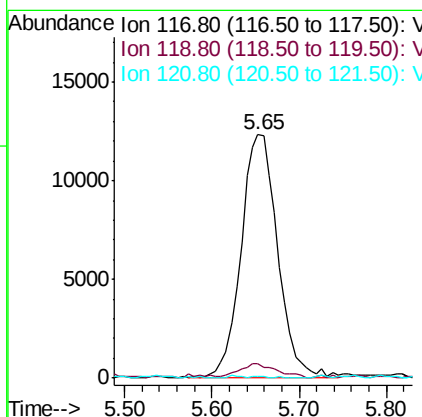
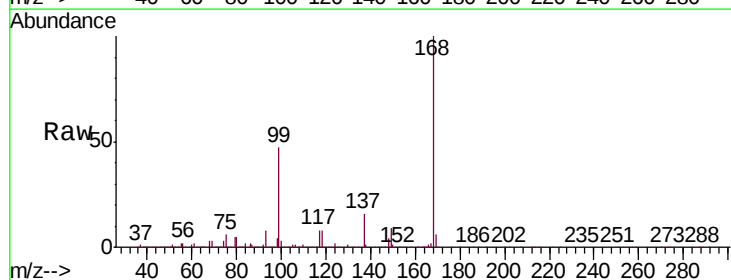
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 VX0820WBL01

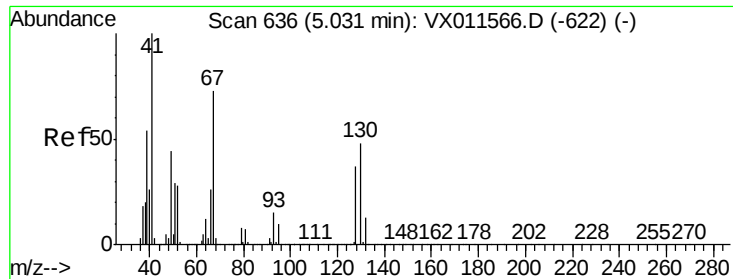
Tgt Ion: 75 Resp: 24931
 Ion Ratio Lower Upper
 75 100
 110 11.9 19.4 58.1#
 77 0.4 25.1 37.7#



#38
 Carbon Tetrachloride
 Concen: 7.038 ug/l
 RT: 5.65 min Scan# 738
 Delta R.T. -0.13 min
 Lab File: VX011673.D
 Acq: 20 Aug 2019 10:36

Tgt Ion: 117 Resp: 35887
 Ion Ratio Lower Upper
 117 100
 119 5.3 76.9 115.3#
 121 0.2 24.8 37.2#

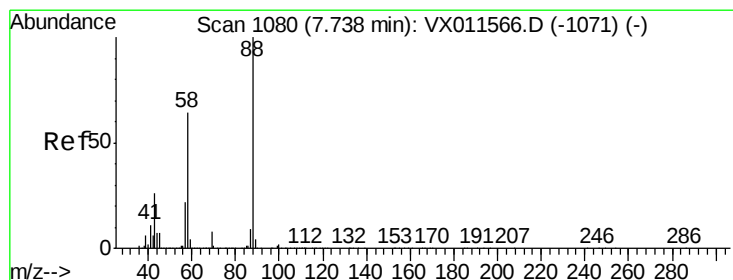
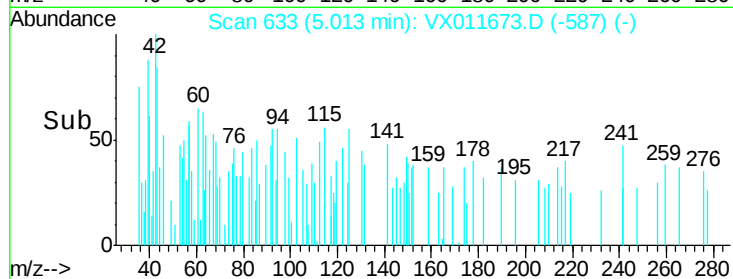
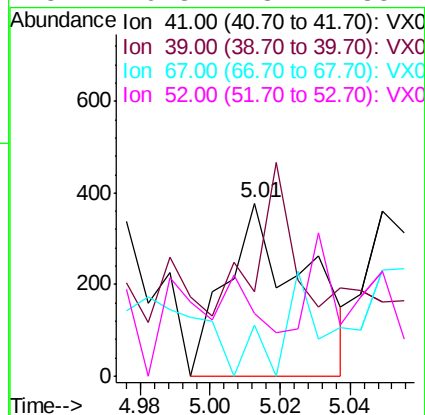
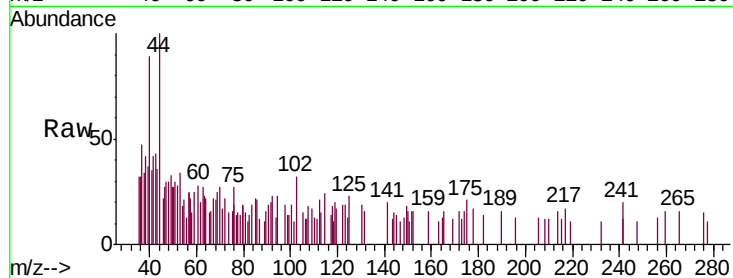




#41
Methacrylonitrile
Concen: 0.200 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.02 min
Lab File: VX011673.D
Acq: 20 Aug 2019 10:36

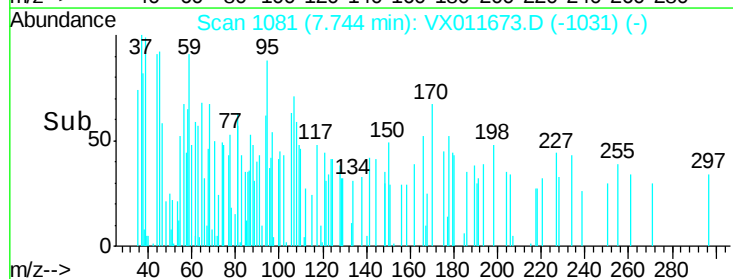
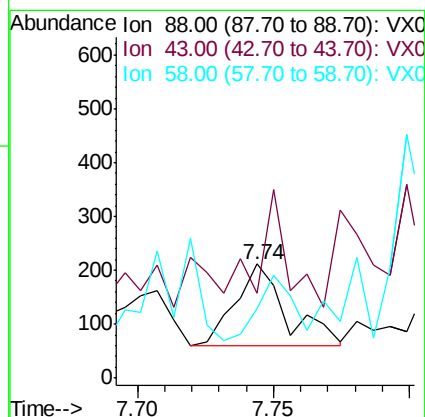
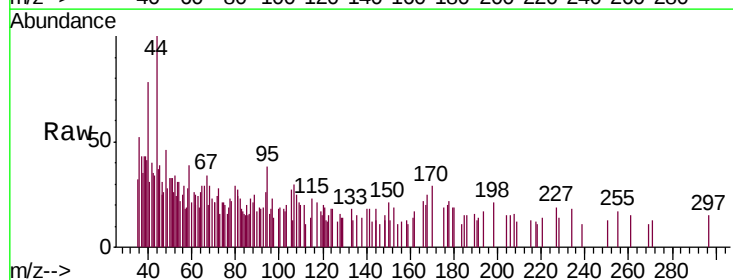
Instrument :
MSVOA_X
ClientSampleId :
VX0820WBL01

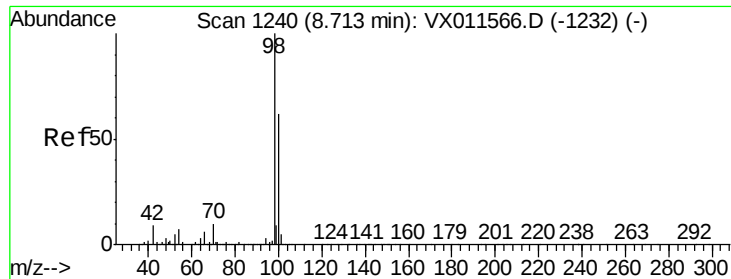
Tgt Ion:	41	Resp:	586
Ion	Ratio	Lower	Upper
41	100		
39	37.7	43.5	65.3#
67	39.2	59.4	89.2#
52	20.3	23.4	35.2#



#49
1,4-Dioxane
Concen: 1.837 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX011673.D
Acq: 20 Aug 2019 10:36

Tgt Ion:	88	Resp:	201
Ion	Ratio	Lower	Upper
88	100		
43	76.6	23.4	35.0#
58	53.7	54.3	81.5#

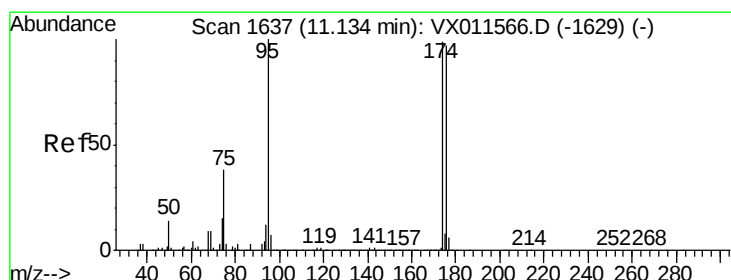
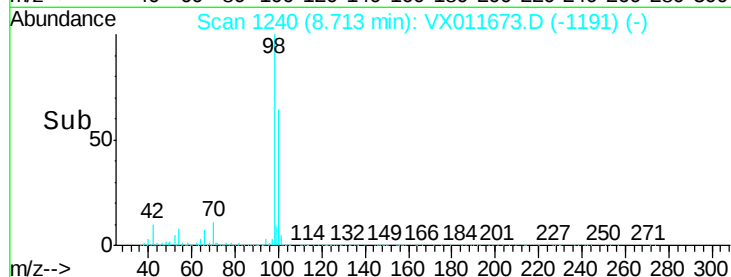
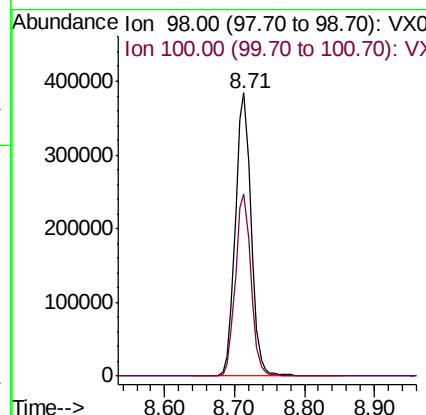
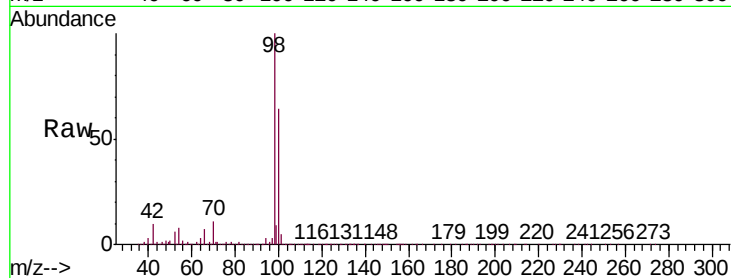




#50
Toluene-d8
Concen: 54.740 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011673.D
Acq: 20 Aug 2019 10:36

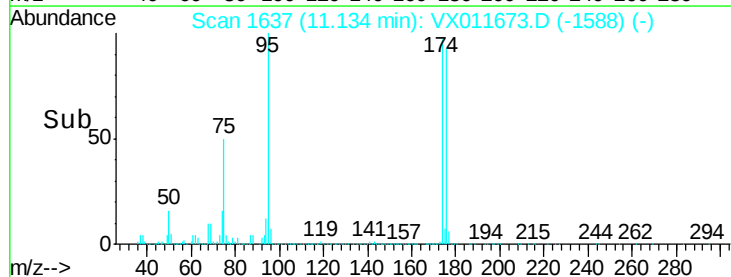
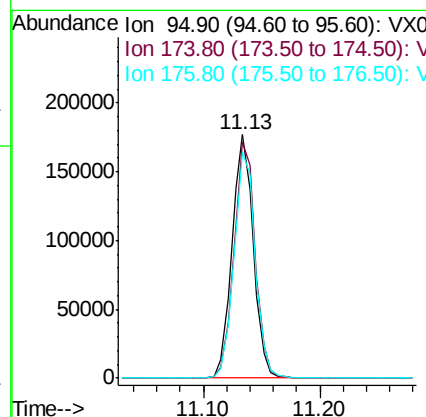
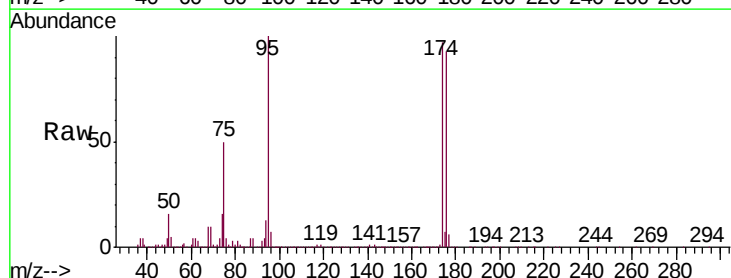
Instrument :
MSVOA_X
ClientSampleId :
VX0820WBL01

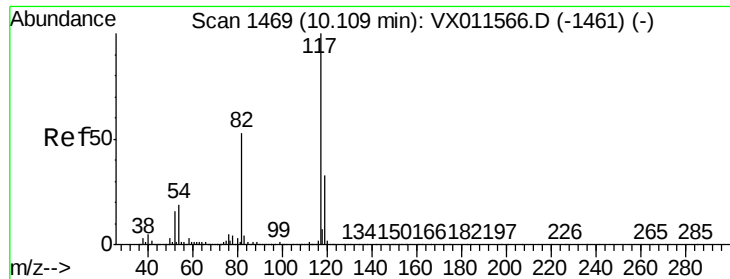
Tgt Ion: 98 Resp: 603933
Ion Ratio Lower Upper
98 100
100 63.9 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 48.045 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011673.D
Acq: 20 Aug 2019 10:36

Tgt Ion: 95 Resp: 223733
Ion Ratio Lower Upper
95 100
174 97.3 0.0 200.6
176 93.3 0.0 196.6

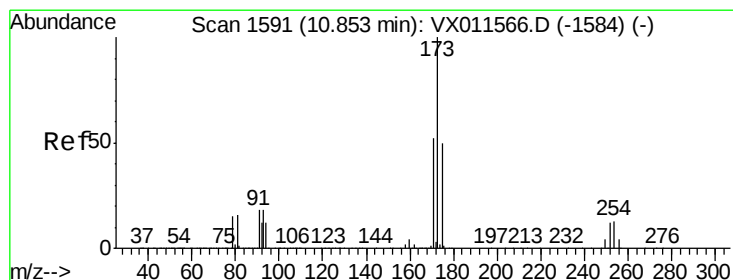
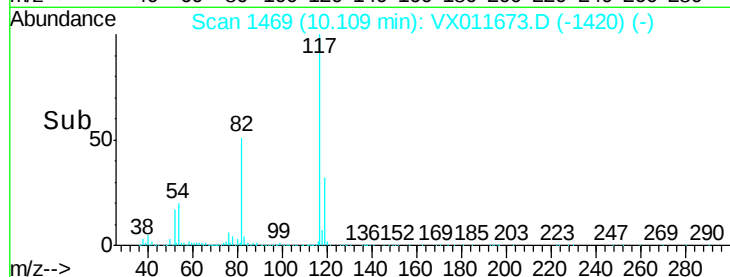
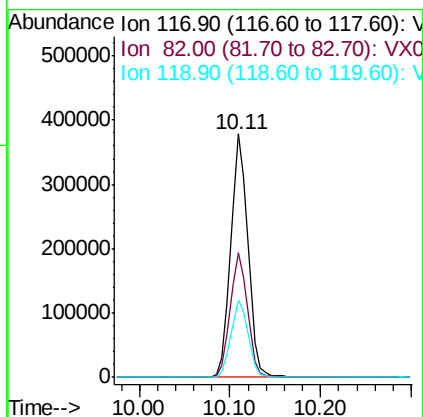
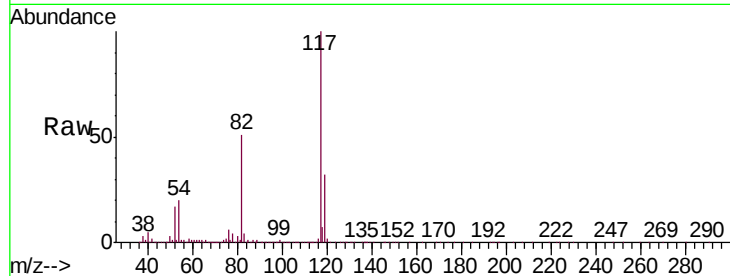




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011673.D
Acq: 20 Aug 2019 10:36

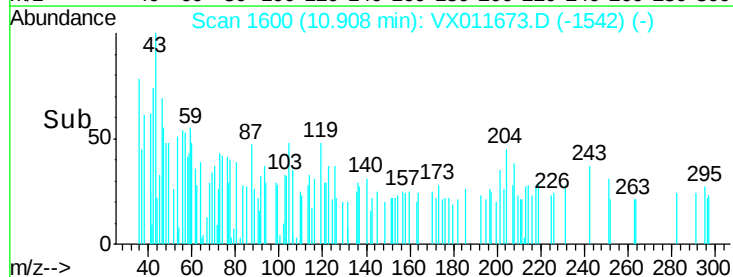
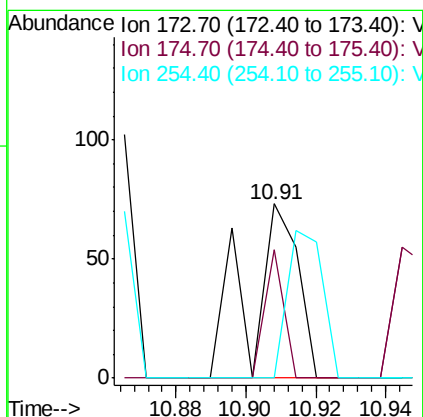
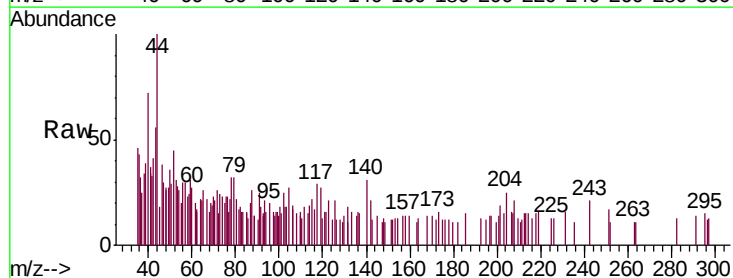
Instrument :
MSVOA_X
ClientSampleId :
VX0820WBL01

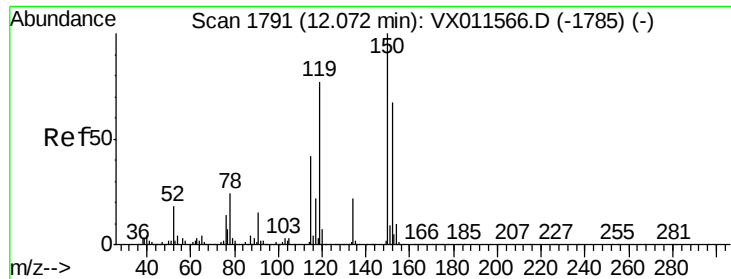
Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.4	42.0	63.0
119	31.8	26.5	39.7



#71
Bromoform
Concen: 3.308 ug/l
RT: 10.91 min Scan# 1600
Delta R.T. 0.06 min
Lab File: VX011673.D
Acq: 20 Aug 2019 10:36

Tgt Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.9	74.7#
254	62.9	0.1	0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX011673.D

Acq: 20 Aug 2019 10:36

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBL01

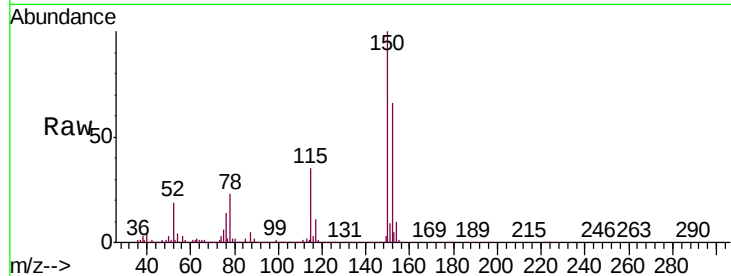
Tgt Ion: 152 Resp: 249103

Ion Ratio Lower Upper

152 100

115 53.6 37.3 111.9

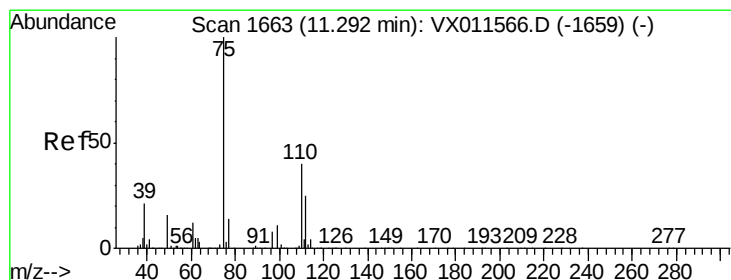
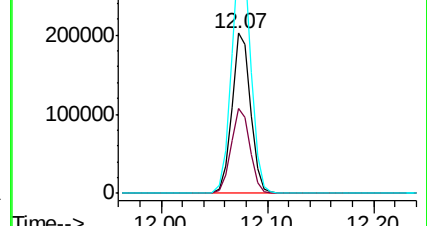
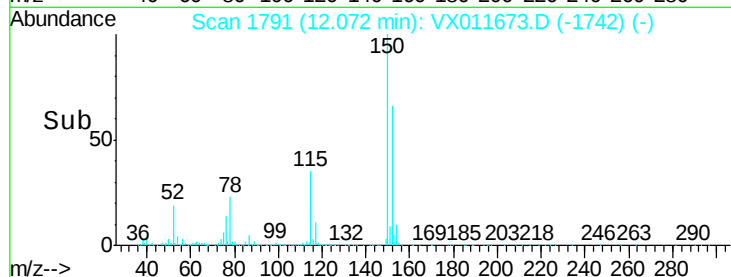
150 155.3 0.0 346.2



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



#76

1,2,3-Trichloropropane

Concen: 22.975 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX011673.D

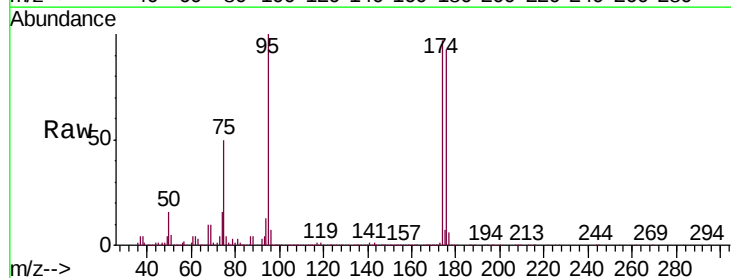
Acq: 20 Aug 2019 10:36

Tgt Ion: 75 Resp: 108524

Ion Ratio Lower Upper

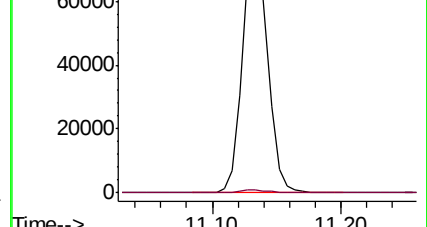
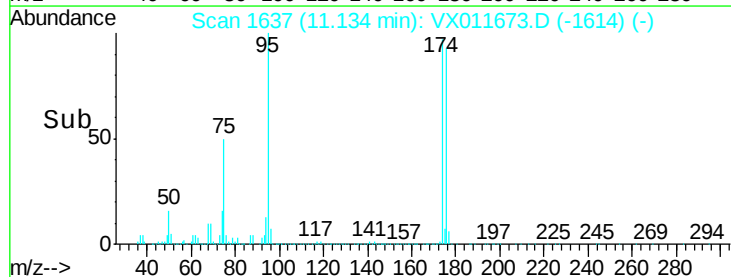
75 100

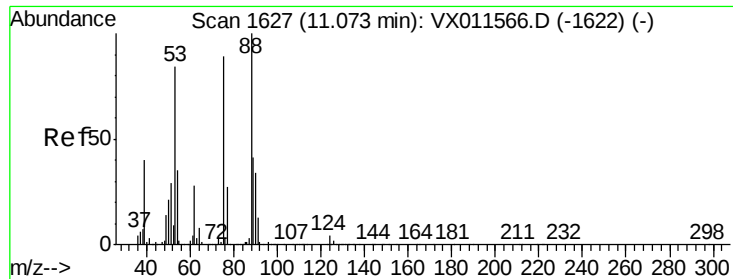
77 1.5 20.9 62.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 61.140 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX011673.D

Acq: 20 Aug 2019 10:36

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBL01

Tgt Ion: 75 Resp: 108524

Ion Ratio Lower Upper

75 100

53 0.0 77.4 116.0#

89 0.2 37.3 55.9#

