

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071019\
 Data File : VX010769.D
 Acq On : 10 Jul 2019 12:06
 Operator : JC/SP
 Sample : K3732-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LC-TB01-190709

Quant Time: Jul 11 01:12:54 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	5.66	168	224542	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	351650	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	323831	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	146561	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	113465	53.89	ug/l	0.00
Spiked Amount						
			Recovery	=	107.78%	
35) Dibromofluoromethane	5.50	113	108561	50.46	ug/l	0.00
Spiked Amount						
			Recovery	=	100.92%	
50) Toluene-d8	8.71	98	419187	50.93	ug/l	0.00
Spiked Amount						
			Recovery	=	101.86%	
62) 4-Bromofluorobenzene	11.13	95	141097	47.48	ug/l	0.00
Spiked Amount						
			Recovery	=	94.96%	

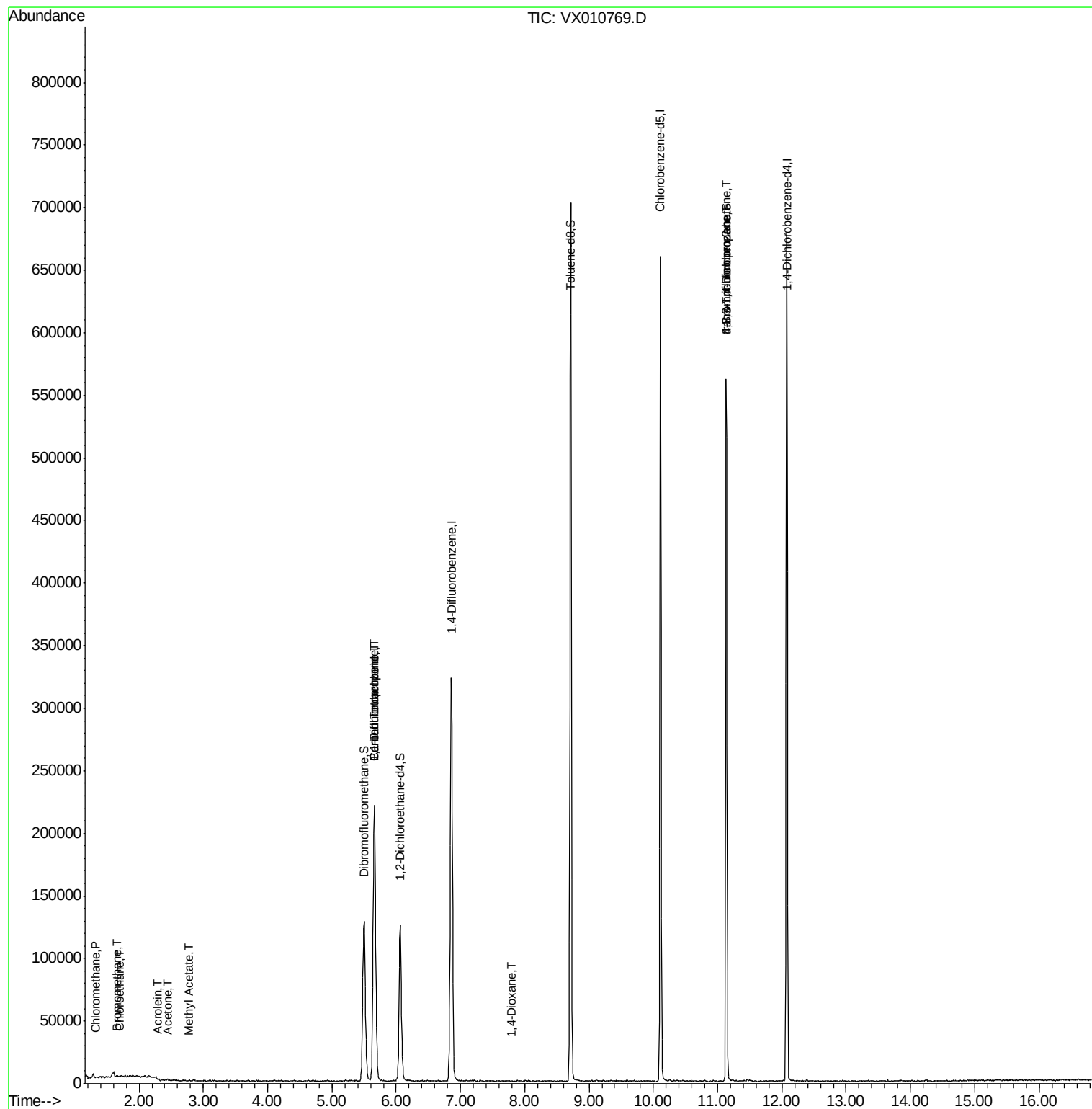
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	390	0.215	ug/l	95
5) Bromomethane	1.65	94	638	0.658	ug/l #	50
6) Chloroethane	1.70	64	278	0.237	ug/l #	84
13) Acrolein	2.29	56	235	0.643	ug/l #	79
16) Acetone	2.44	43	348	0.330	ug/l #	80
18) Methyl Acetate	2.78	43	448	0.213	ug/l #	82
36) 1,1-Dichloropropene	5.66	75	14545	5.205	ug/l #	43
38) Carbon Tetrachloride	5.67	117	20350	6.725	ug/l #	16
49) 1,4-Dioxane	7.81	88	21	0.330	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	68687	25.718	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.13	75	68687	59.999	ug/l #	16

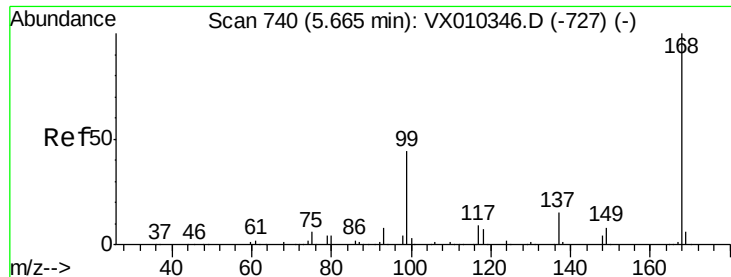
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010769.D

Acq: 10 Jul 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

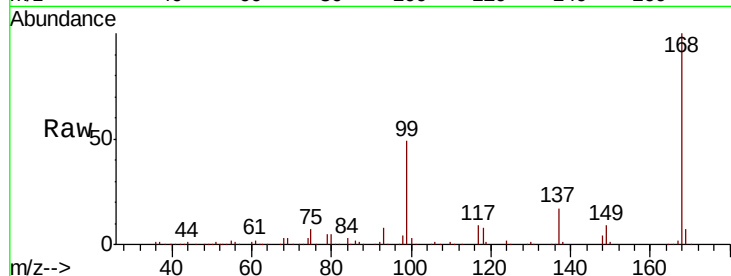
LC-TB01-190709

Tot Ion:168 Resp: 224542

Ion Ratio Lower Upper

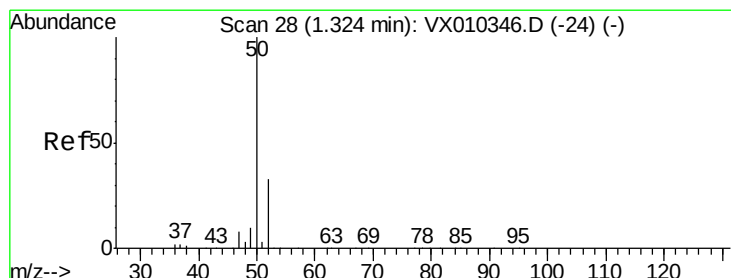
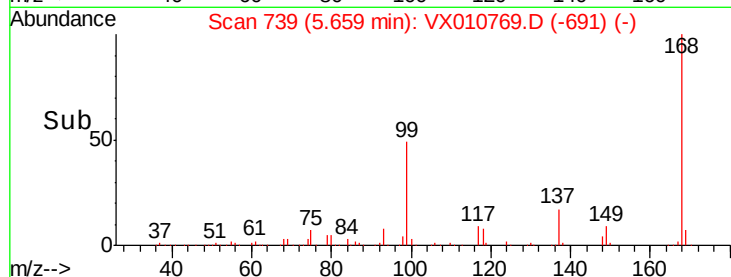
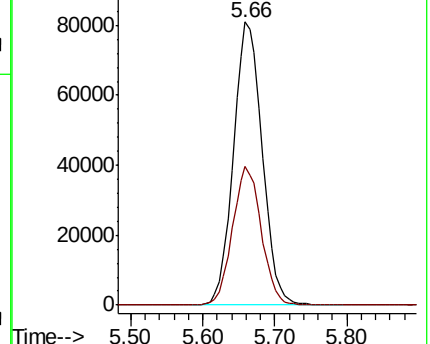
168 100

99 48.8 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.215 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010769.D

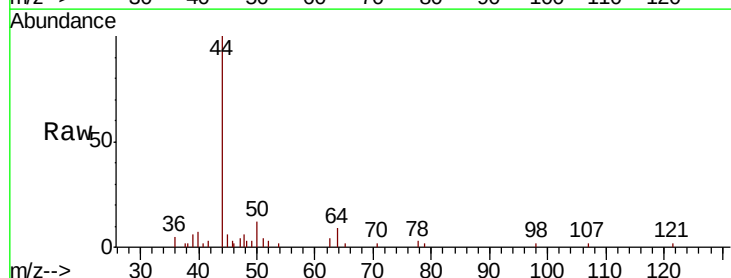
Acq: 10 Jul 2019 12:06

Tgt Ion: 50 Resp: 390

Ion Ratio Lower Upper

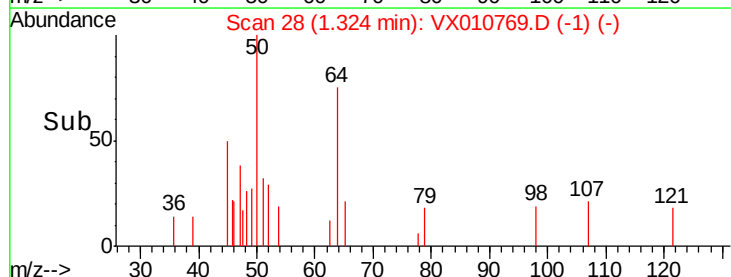
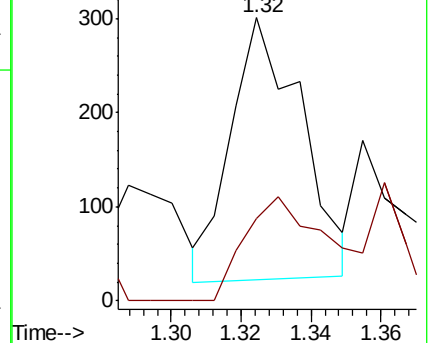
50 100

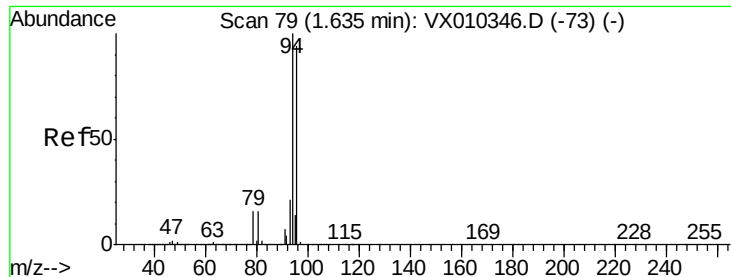
52 35.9 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: 0.658 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX010769.D

Acq: 10 Jul 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

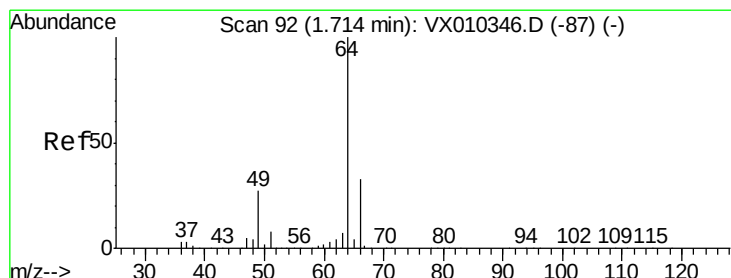
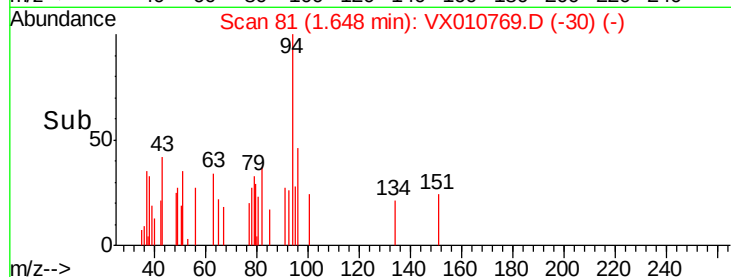
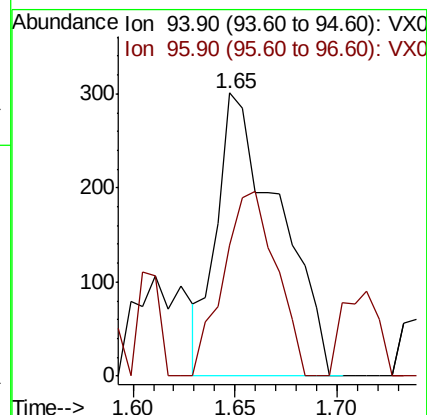
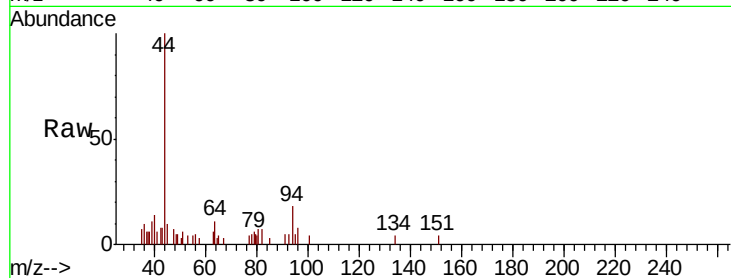
LC-TB01-190709

Tot Ion: 94 Resp: 638

Ion Ratio Lower Upper

94 100

96 46.2 75.5 113.3#



#6

Chloroethane

Concen: 0.237 ug/l

RT: 1.70 min Scan# 90

Delta R.T. -0.01 min

Lab File: VX010769.D

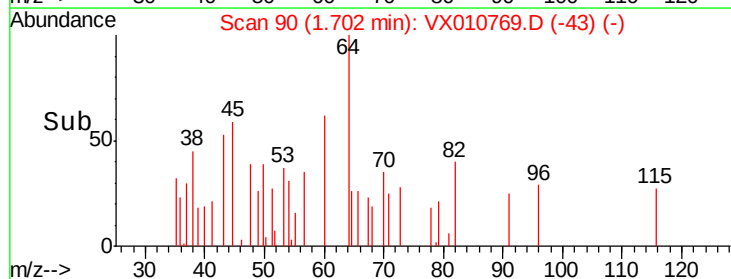
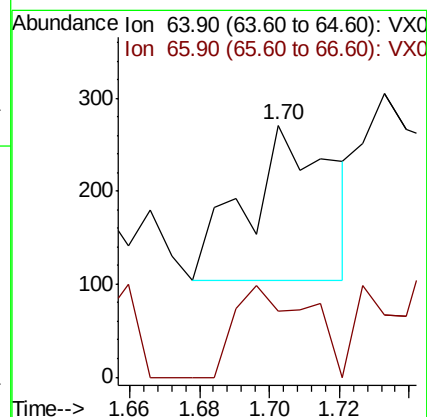
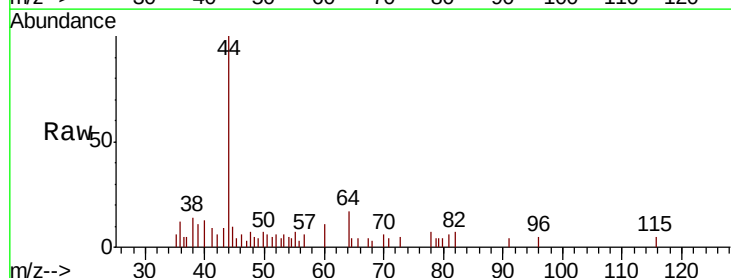
Acq: 10 Jul 2019 12:06

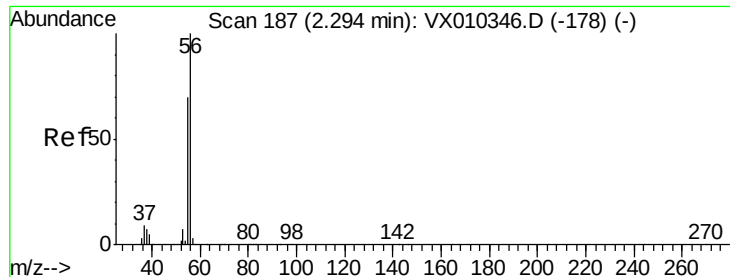
Tgt Ion: 64 Resp: 278

Ion Ratio Lower Upper

64 100

66 42.5 26.6 40.0#





#13

Acrolein

Concen: 0.643 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010769.D

Acq: 10 Jul 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

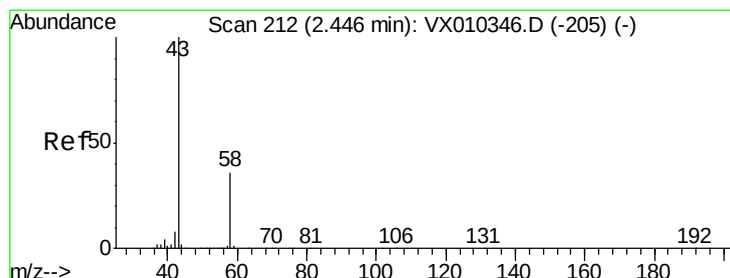
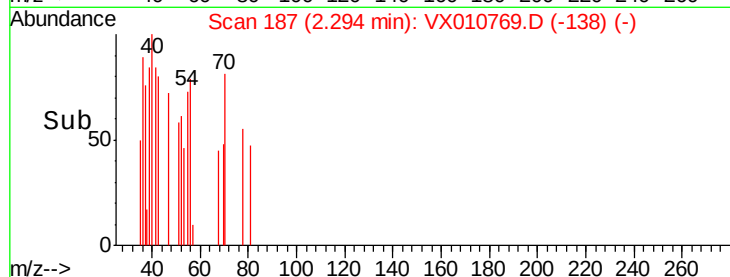
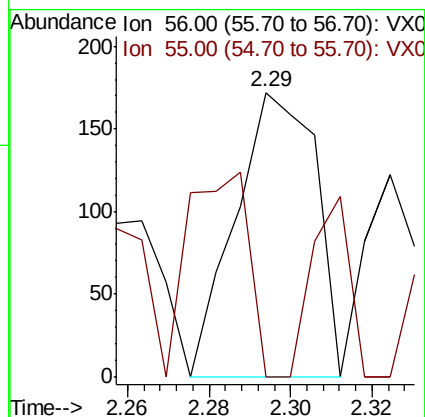
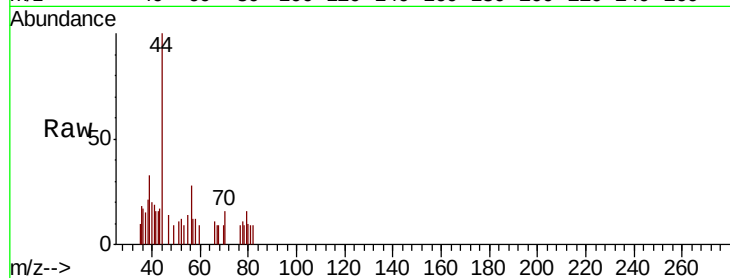
LC-TB01-190709

Tot Ion: 56 Resp: 235

Ion Ratio Lower Upper

56 100

55 54.0 56.9 85.3#



#16

Acetone

Concen: 0.330 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010769.D

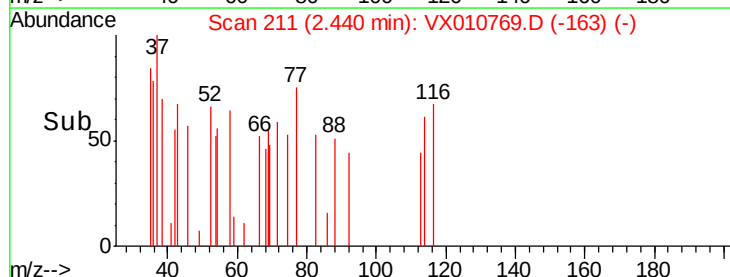
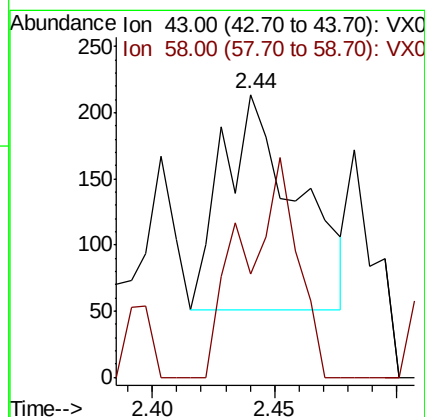
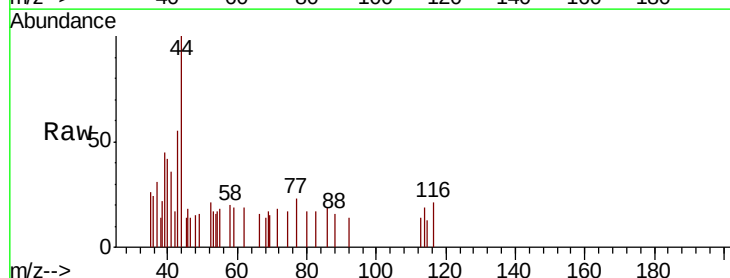
Acq: 10 Jul 2019 12:06

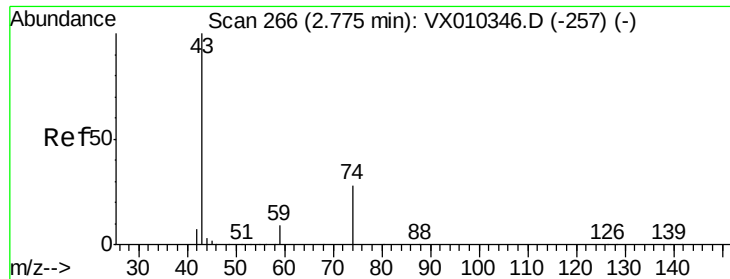
Tgt Ion: 43 Resp: 348

Ion Ratio Lower Upper

43 100

58 47.9 28.9 43.3#

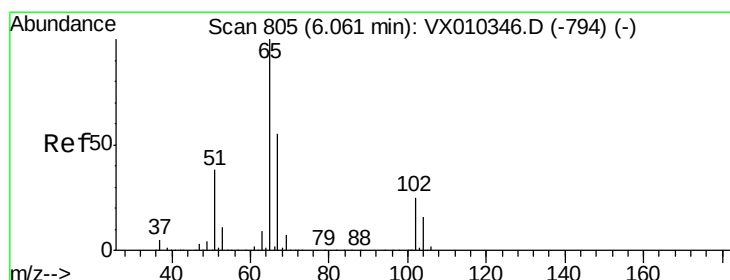
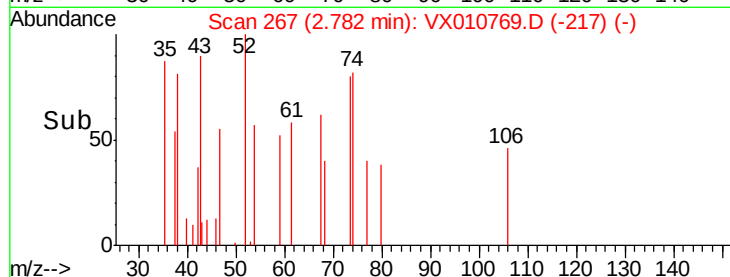
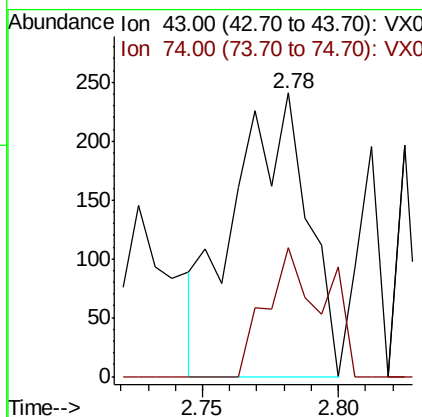
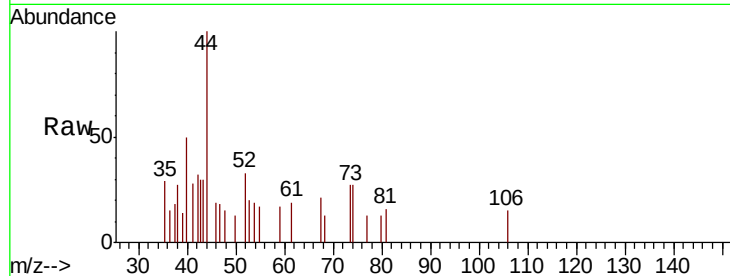




#18
Methyl Acetate
Concen: 0.213 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX010769.D
Acq: 10 Jul 2019 12:06

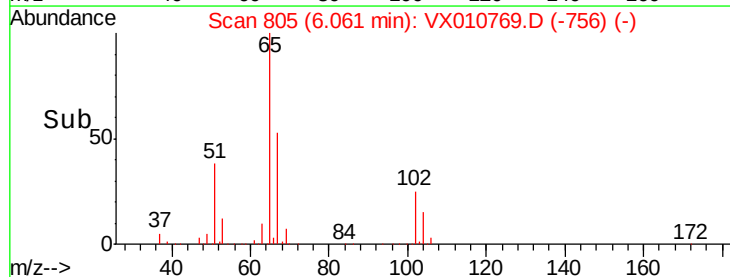
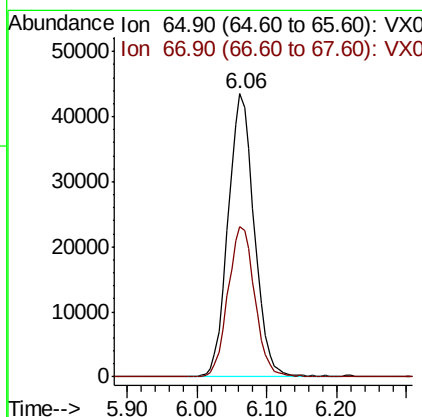
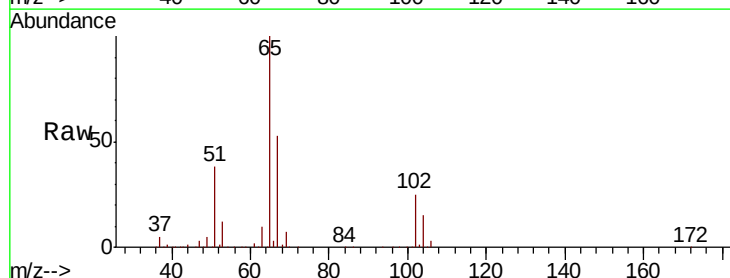
Instrument :
MSVOA_X
ClientSampled :
LC-TB01-190709

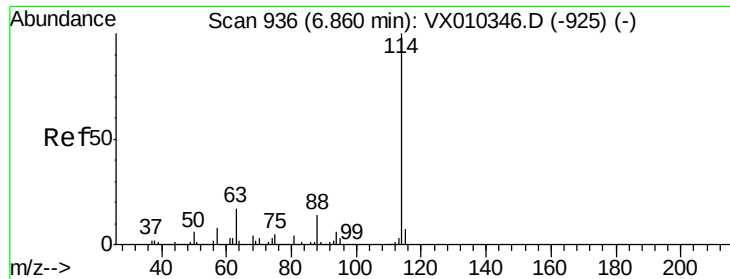
Tot Ion: 43 Resp: 448
Ion Ratio Lower Upper
43 100
74 35.7 21.3 31.9#



#33
1,2-Dichloroethane-d4
Concen: 53.895 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010769.D
Acq: 10 Jul 2019 12:06

Tgt Ion: 65 Resp: 113465
Ion Ratio Lower Upper
65 100
67 54.1 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010769.D

Acq: 10 Jul 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

LC-TB01-190709

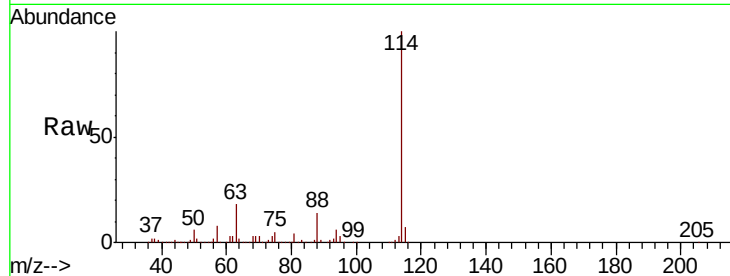
Tot Ion:114 Resp: 351650

Ion Ratio Lower Upper

114 100

63 17.9 0.0 33.8

88 14.2 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

200000

150000

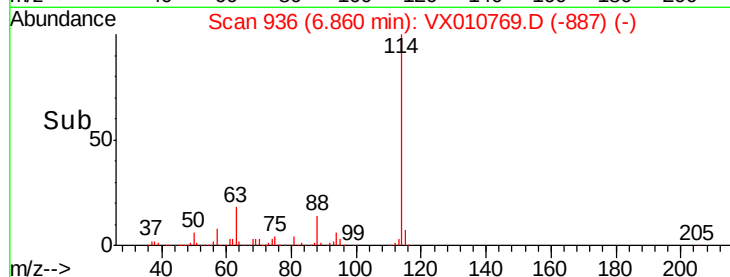
100000

50000

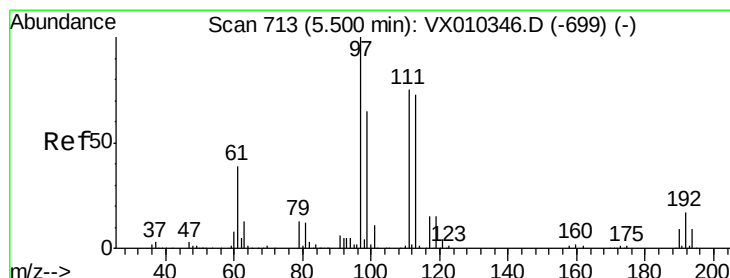
0

6.86

6.70 6.80 6.90 7.00



Time-->



#35

Dibromofluoromethane

Concen: 50.458 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010769.D

Acq: 10 Jul 2019 12:06

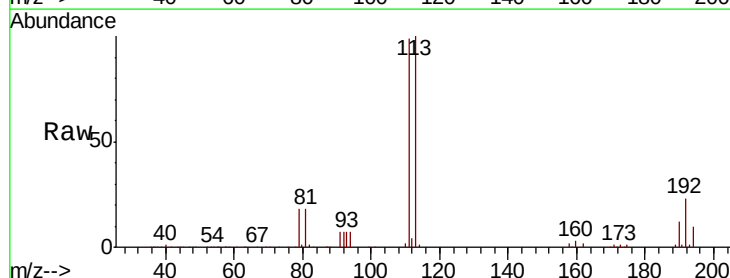
Tgt Ion:113 Resp: 108561

Ion Ratio Lower Upper

113 100

111 100.8 81.2 121.8

192 22.2 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

50000

40000

30000

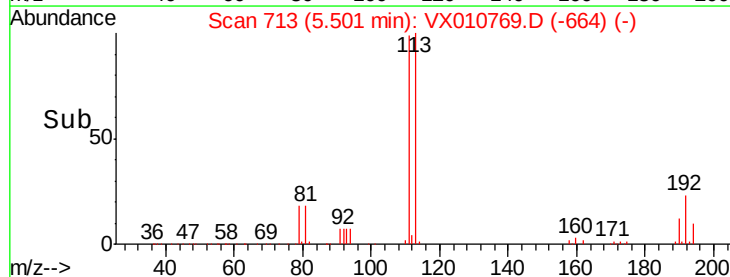
20000

10000

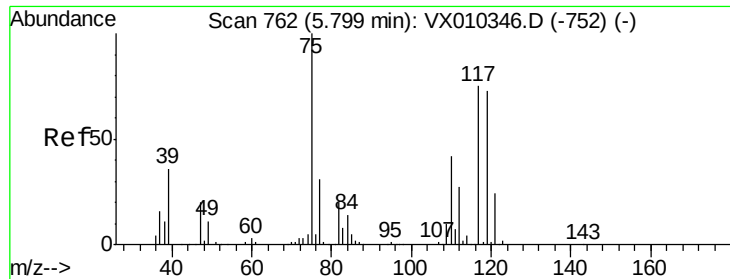
0

5.50

5.40 5.50 5.60



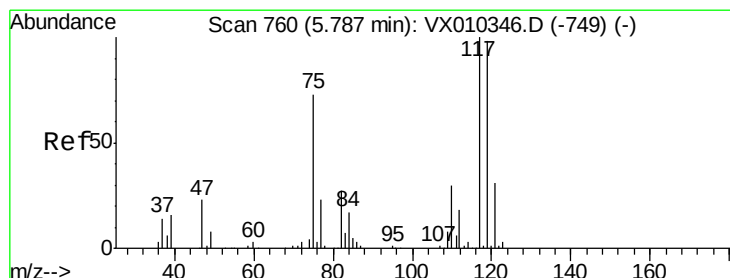
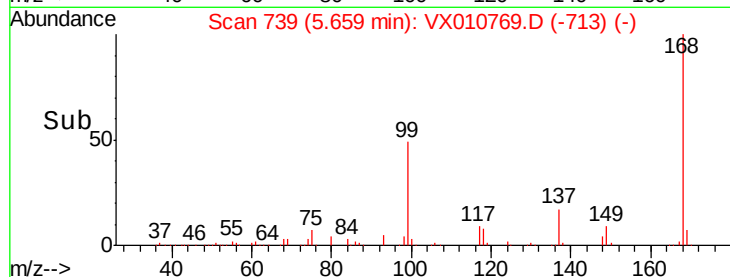
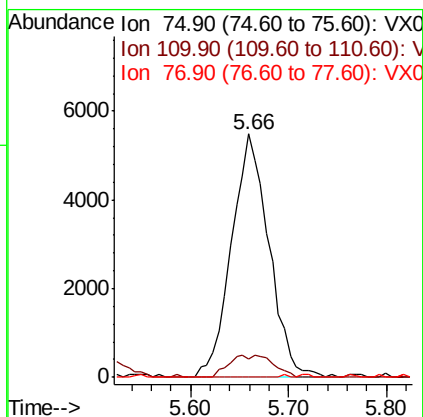
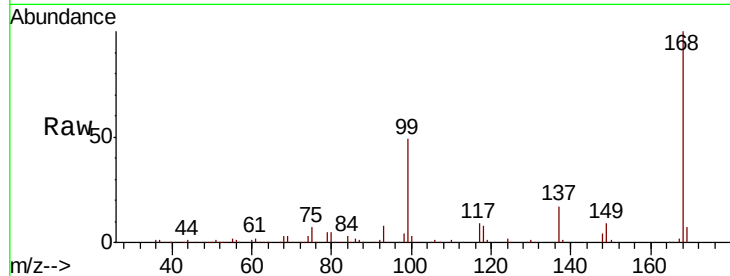
Time-->



#36
 1,1-Dichloropropene
 Concen: 5.205 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX010769.D
 Acq: 10 Jul 2019 12:06

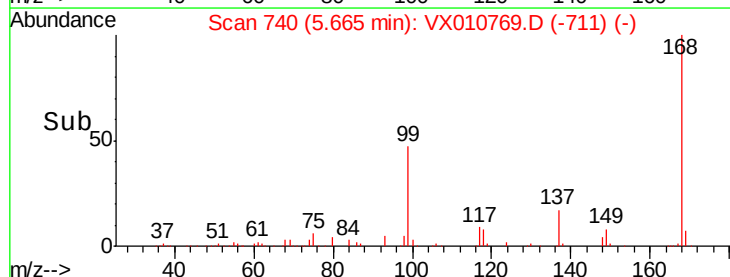
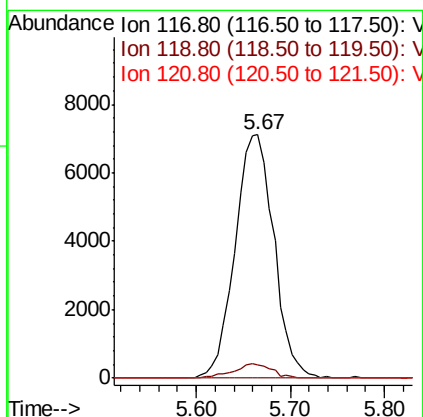
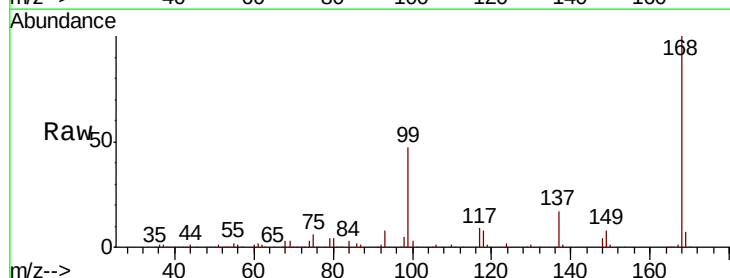
Instrument :
 MSVOA_X
 ClientSampleId :
 LC-TB01-190709

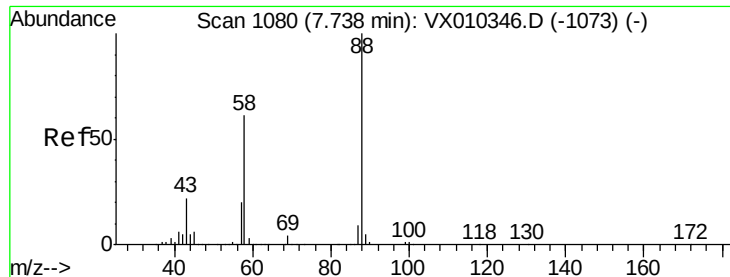
Tot Ion	Ratio	Lower	Upper
75	100		
110	5.3	20.8	62.2#
77	0.0	25.4	38.0#



#38
 Carbon Tetrachloride
 Concen: 6.725 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX010769.D
 Acq: 10 Jul 2019 12:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.6	78.2	117.4#
121	0.0	24.7	37.1#





#49

1,4-Dioxane

Concen: 0.330 ug/l

RT: 7.81 min Scan# 1091

Delta R.T. 0.07 min

Lab File: VX010769.D

Acq: 10 Jul 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

LC-TB01-190709

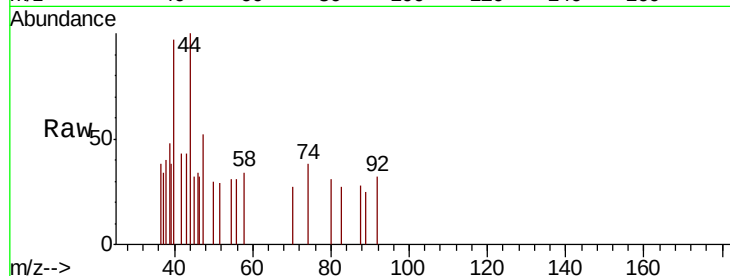
Tot Ion: 88 Resp: 21

Ion Ratio Lower Upper

88 100

43 309.5 20.2 30.2#

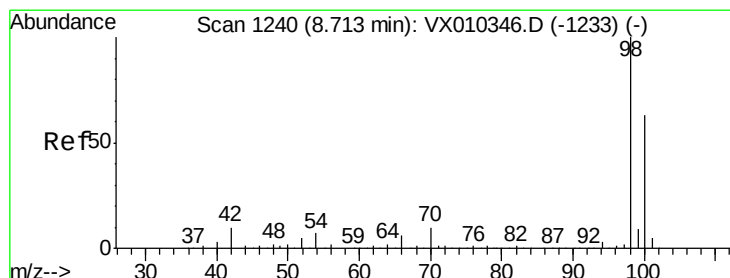
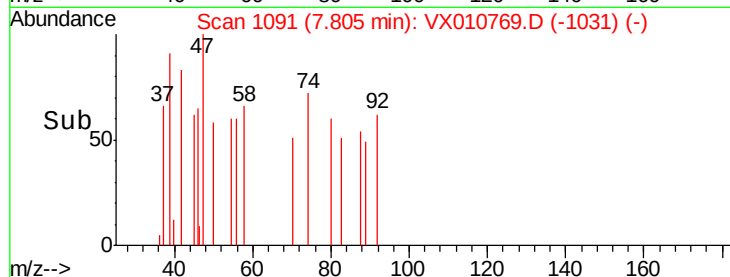
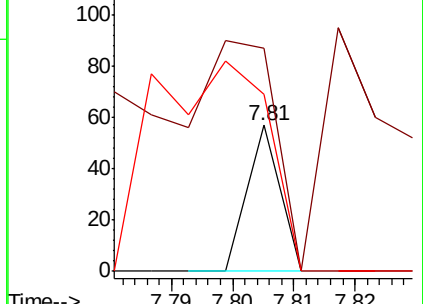
58 504.8 49.5 74.3#



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 50.926 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010769.D

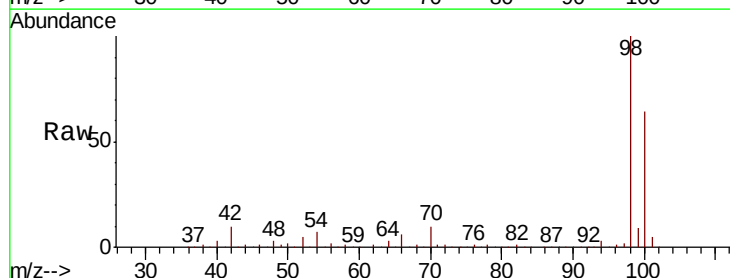
Acq: 10 Jul 2019 12:06

Tgt Ion: 98 Resp: 419187

Ion Ratio Lower Upper

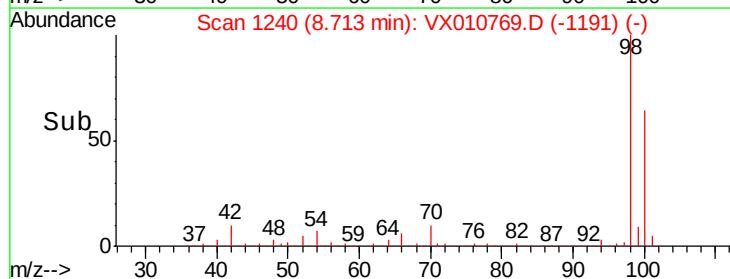
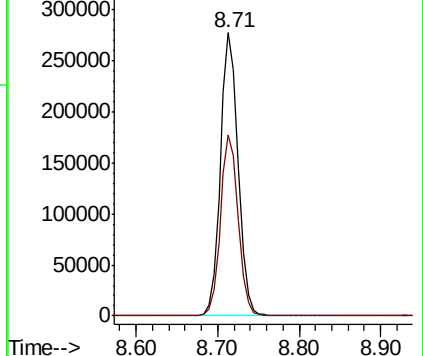
98 100

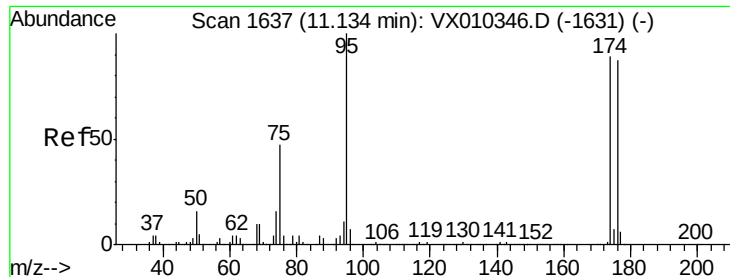
100 64.1 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

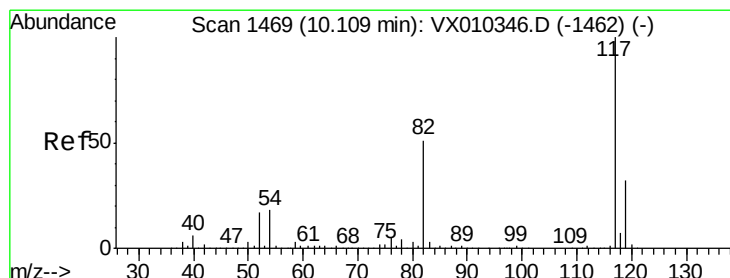
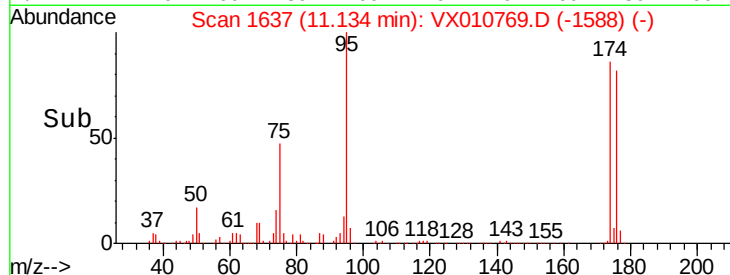
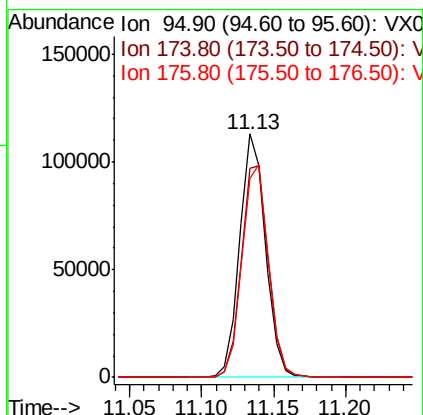
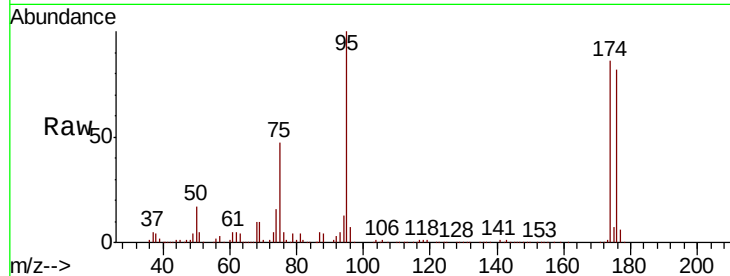




#62
4-Bromofluorobenzene
Concen: 47.480 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010769.D
Acq: 10 Jul 2019 12:06

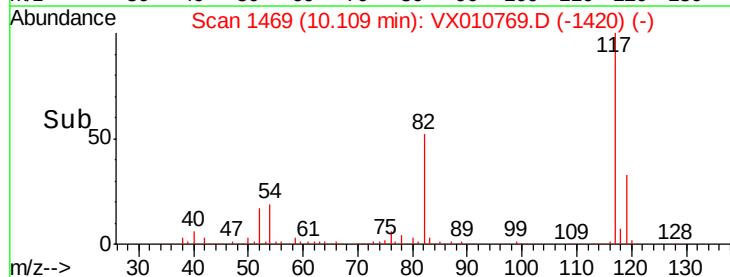
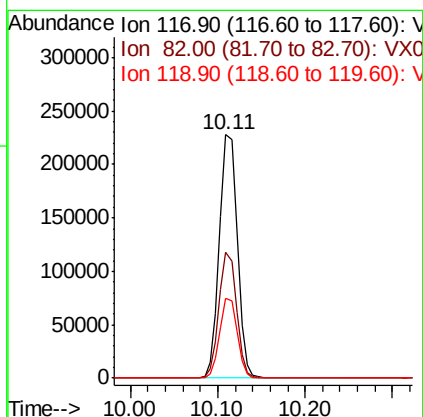
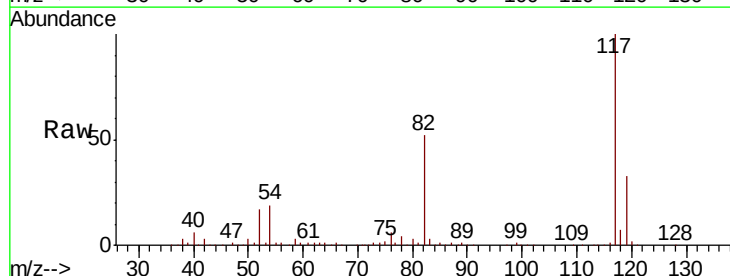
Instrument :
MSVOA_X
ClientSampleId :
LC-TB01-190709

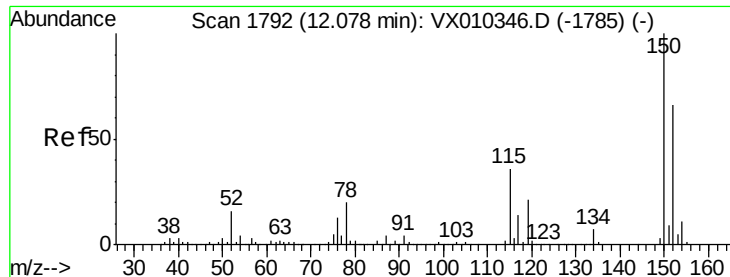
Tot Ion: 95 Resp: 141097
Ion Ratio Lower Upper
95 100
174 90.7 0.0 187.6
176 89.5 0.0 184.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010769.D
Acq: 10 Jul 2019 12:06

Tgt Ion: 117 Resp: 323831
Ion Ratio Lower Upper
117 100
82 51.6 41.2 61.8
119 32.7 25.5 38.3



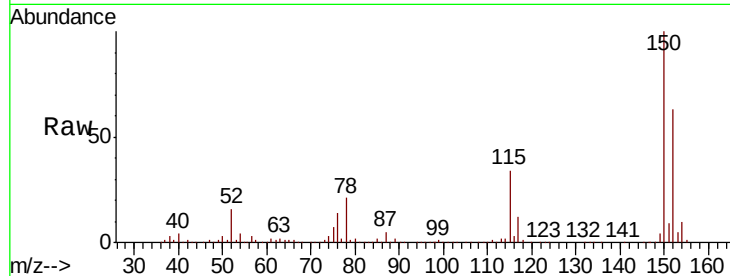


#72

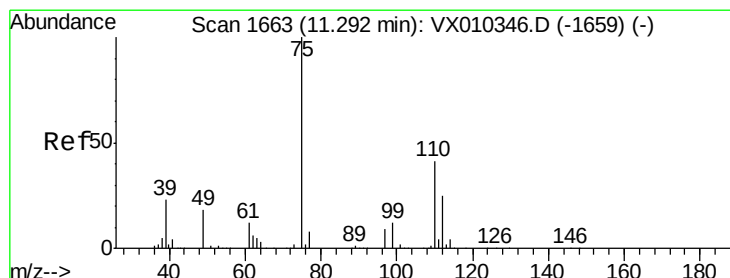
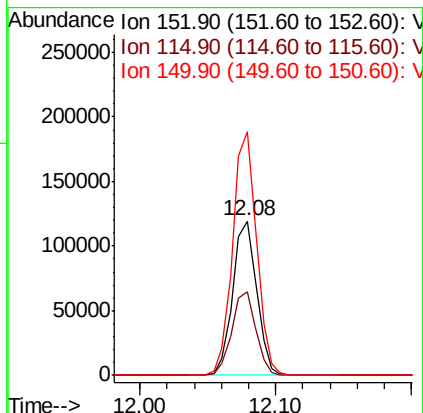
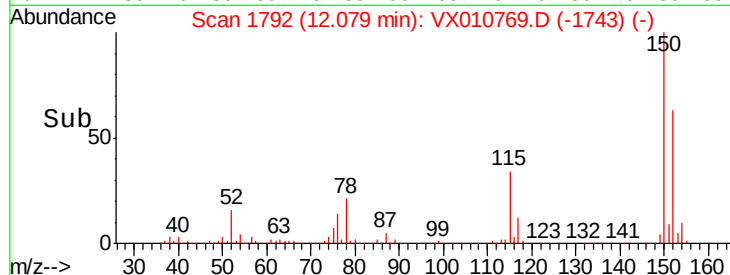
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010769.D
Acq: 10 Jul 2019 12:06

Instrument :
MSVOA_X
ClientSampleId :
LC-TB01-190709

Tot Ion:152 Resp: 146561
Ion Ratio Lower Upper
152 100
115 54.3 38.6 115.7
150 157.5 0.0 347.4



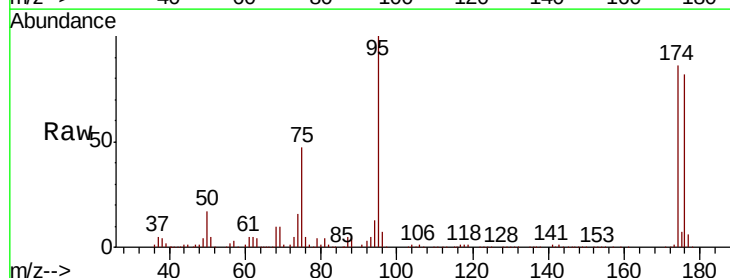
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



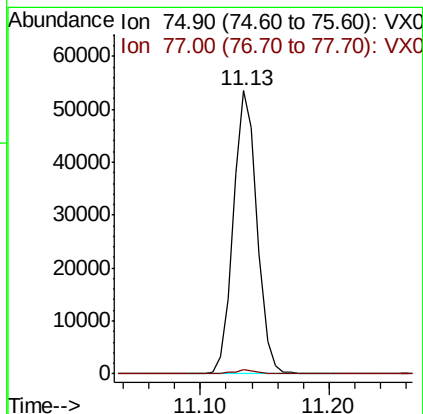
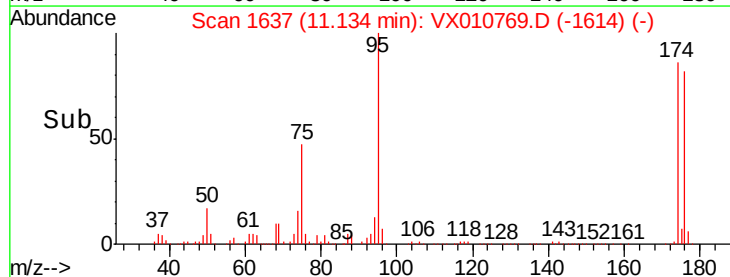
#76

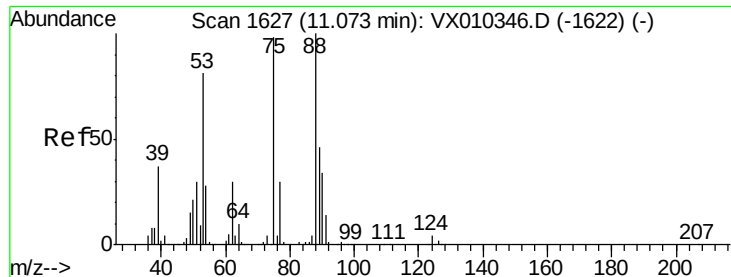
1,2,3-Trichloropropane
Concen: 25.718 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX010769.D
Acq: 10 Jul 2019 12:06

Tgt Ion: 75 Resp: 68687
Ion Ratio Lower Upper
75 100
77 1.3 22.6 67.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 59.999 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010769.D

Acq: 10 Jul 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

LC-TB01-190709

Tot Ion: 75 Resp: 68687

Ion Ratio Lower Upper

75 100

53 0.1 66.1 99.1#

89 0.0 37.8 56.6#

