

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070319\
 Data File : VX010666.D
 Acq On : 04 Jul 2019 04:44
 Operator : JC/SP
 Sample : K3669-15
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S8-TB01-190701

Quant Time: Jul 04 05:40:59 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	236022	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	368146	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	333695	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	150049	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	119098	53.82	ug/l	0.00
Spiked Amount			Recovery	=	107.64%	
35) Dibromofluoromethane	5.49	113	111824	49.65	ug/l	0.00
Spiked Amount			Recovery	=	99.30%	
50) Toluene-d8	8.71	98	432288	50.16	ug/l	0.00
Spiked Amount			Recovery	=	100.32%	
62) 4-Bromofluorobenzene	11.13	95	145790	46.86	ug/l	0.00
Spiked Amount			Recovery	=	93.72%	

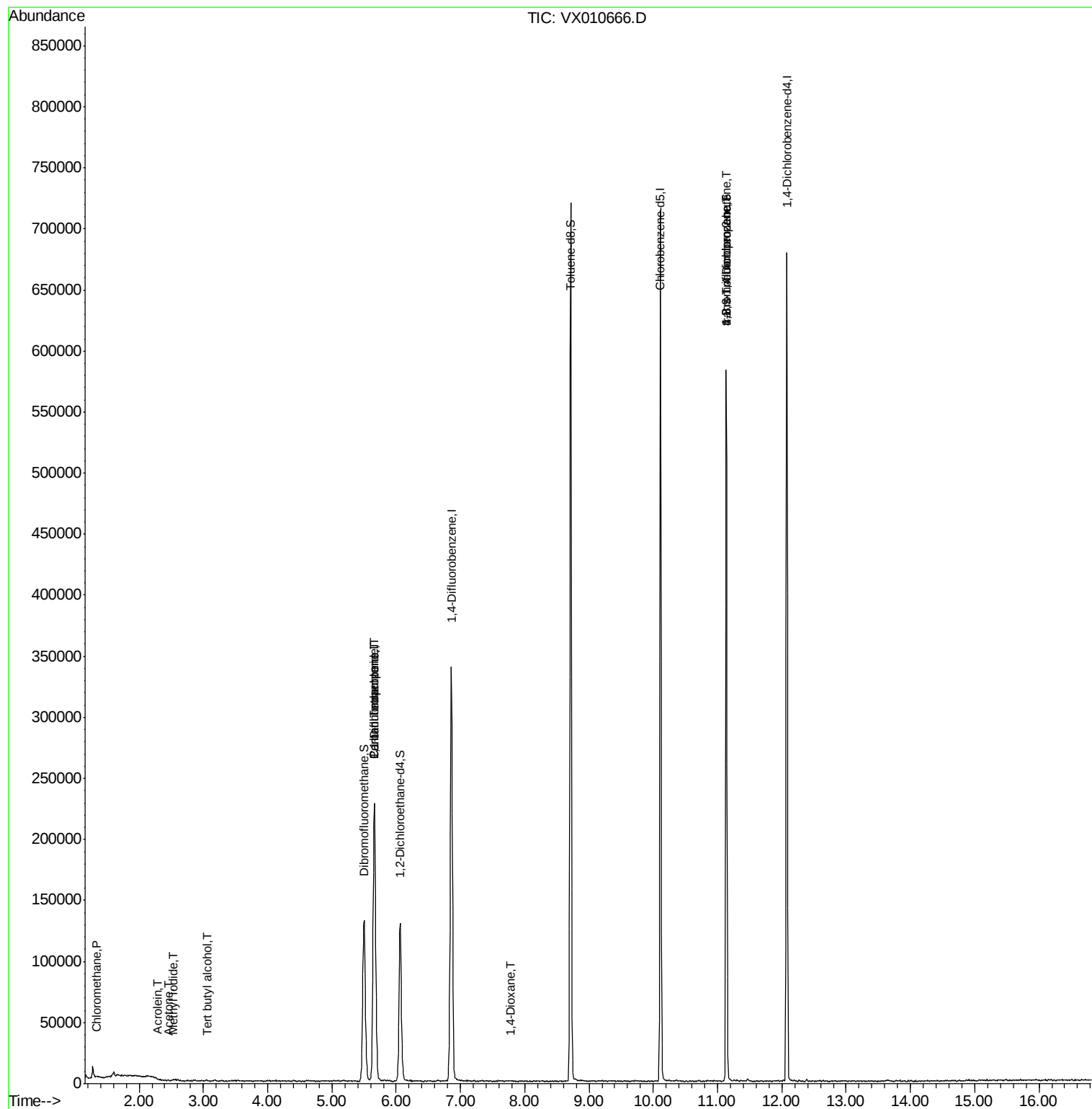
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	414	0.217	ug/l #	36
10) Methyl Iodide	2.52	142	945	0.329	ug/l #	96
11) Tert butyl alcohol	3.06	59	206	0.356	ug/l #	1
13) Acrolein	2.29	56	271	0.705	ug/l #	80
16) Acetone	2.45	43	464	0.418	ug/l	89
36) 1,1-Dichloropropene	5.65	75	15203	5.197	ug/l #	47
38) Carbon Tetrachloride	5.66	117	21291	6.721	ug/l #	15
49) 1,4-Dioxane	7.77	88	22	0.330	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	70767	25.881	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.13	75	70767	60.378	ug/l #	16

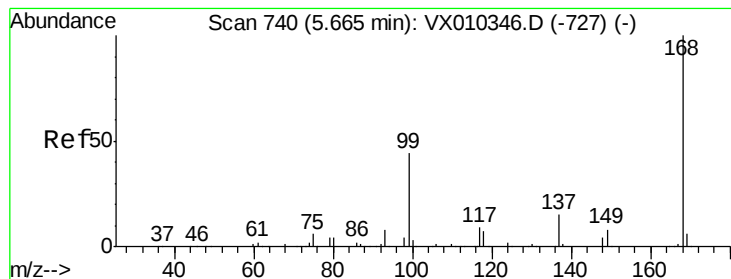
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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S8-TB01-190701

Quant Time: Jul 04 05:40:59 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010666.D

Acq: 04 Jul 2019 04:44

Instrument :

MSVOA_X

ClientSampleId :

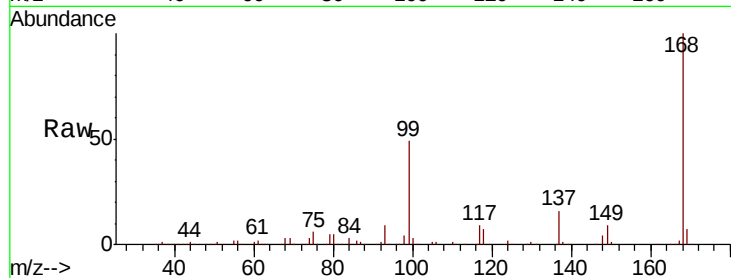
S8-TB01-190701

Tot Ion:168 Resp: 236022

Ion Ratio Lower Upper

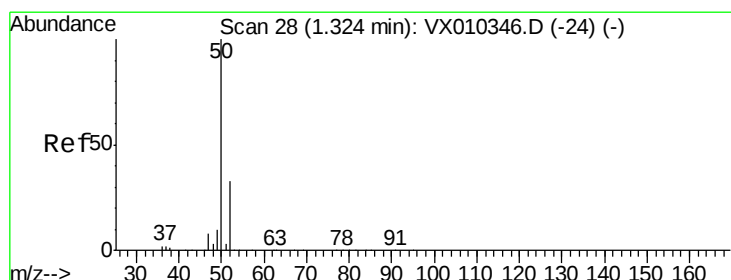
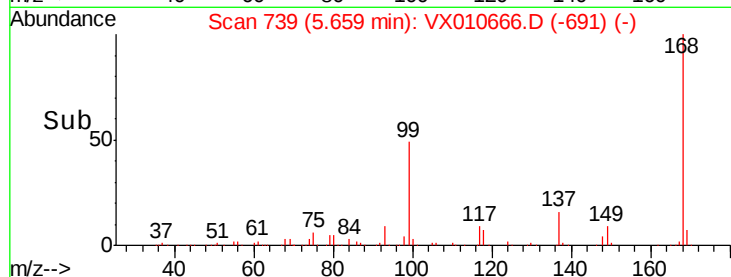
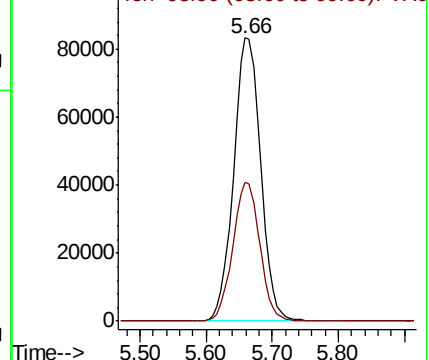
168 100

99 49.1 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: 0.217 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010666.D

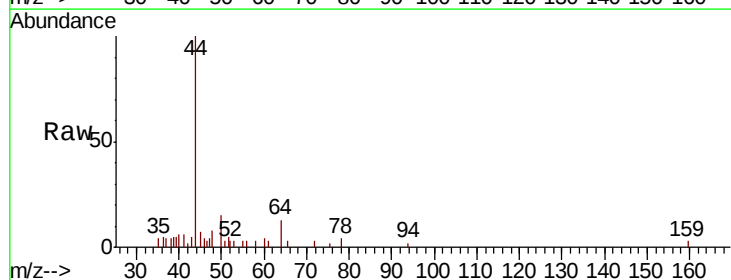
Acq: 04 Jul 2019 04:44

Tgt Ion: 50 Resp: 414

Ion Ratio Lower Upper

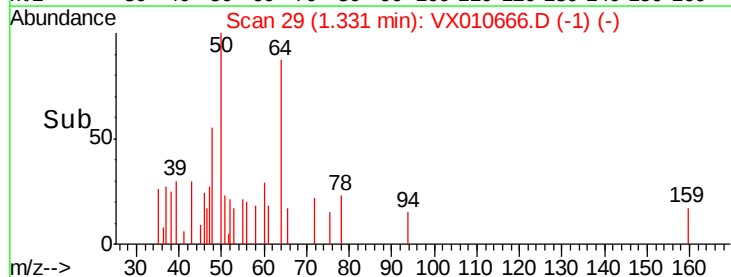
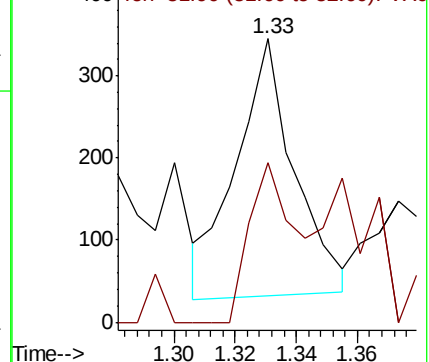
50 100

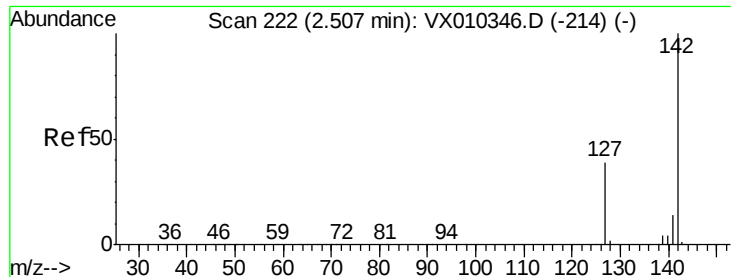
52 69.3 26.5 39.7#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

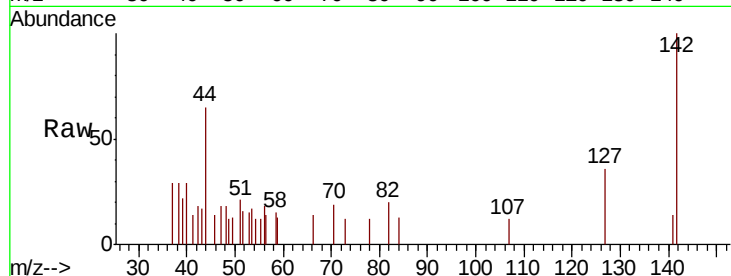




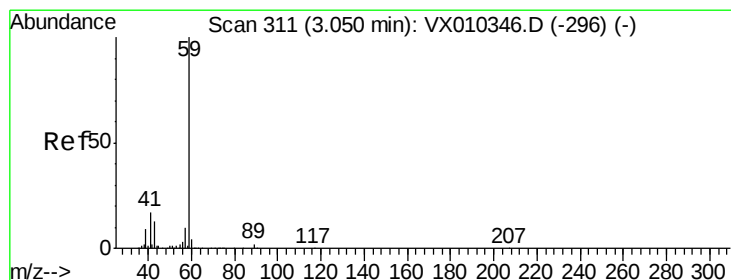
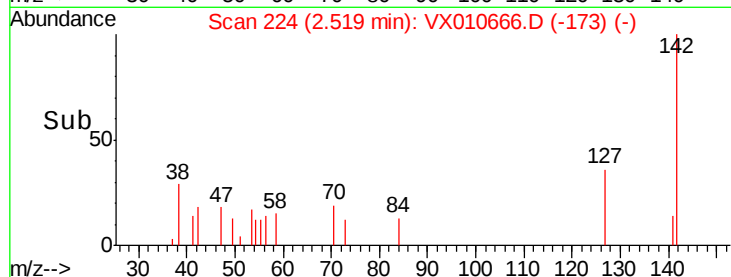
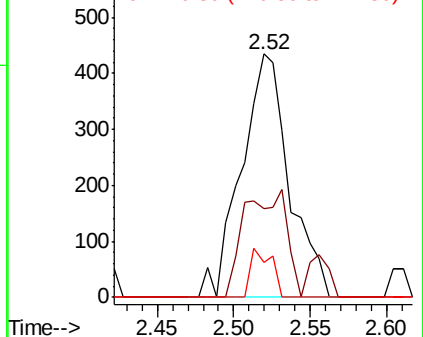
#10
Methyl Iodide
Concen: 0.329 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.01 min
Lab File: VX010666.D
Acq: 04 Jul 2019 04:44

Instrument :
MSVOA_X
ClientSampleId :
S8-TB01-190701

Tot Ion:142 Resp: 945
Ion Ratio Lower Upper
142 100
127 39.0 31.1 46.7
141 8.7 11.2 16.8#

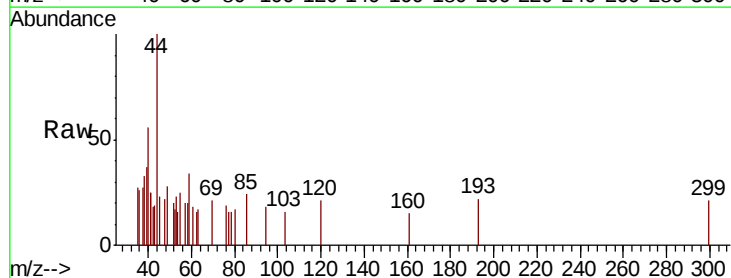


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

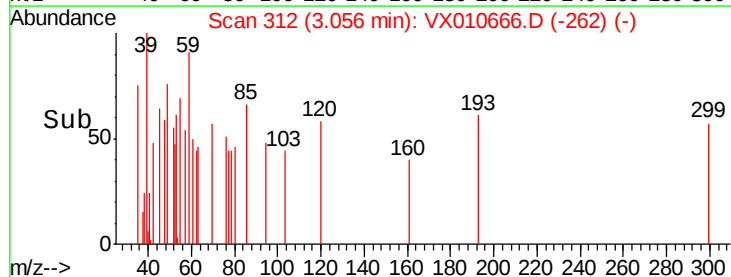
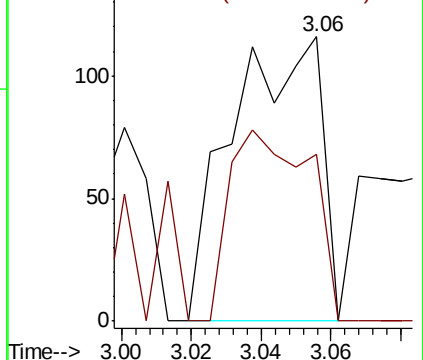


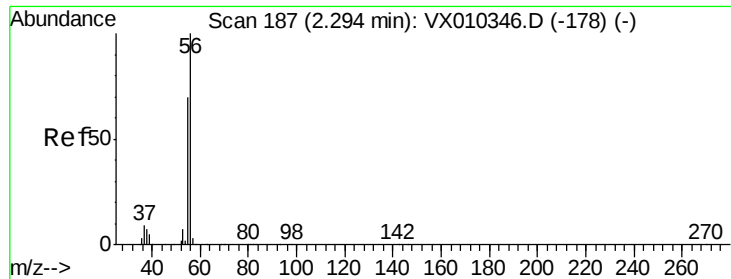
#11
Tert butyl alcohol
Concen: 0.356 ug/l
RT: 3.06 min Scan# 312
Delta R.T. 0.01 min
Lab File: VX010666.D
Acq: 04 Jul 2019 04:44

Tgt Ion: 59 Resp: 206
Ion Ratio Lower Upper
59 100
57 60.7 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 0.705 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX010666.D

Acq: 04 Jul 2019 04:44

Instrument :

MSVOA_X

ClientSampleId :

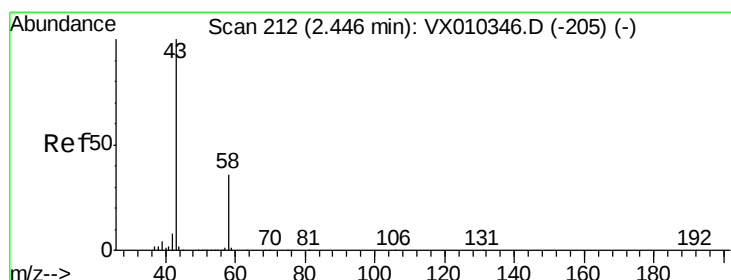
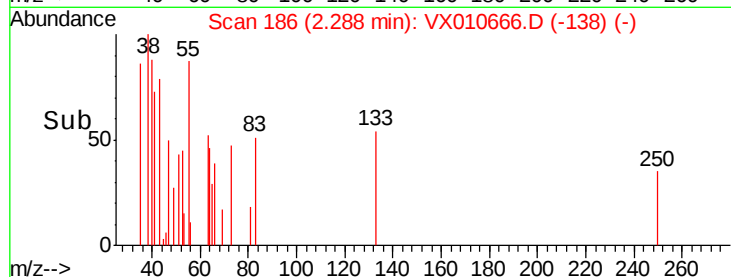
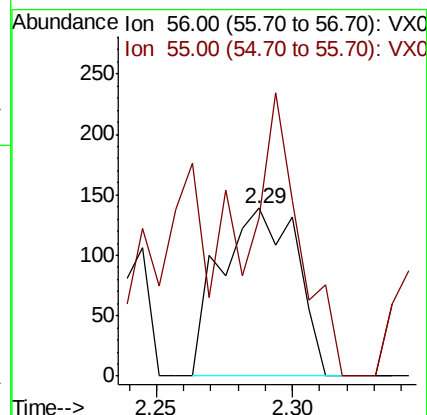
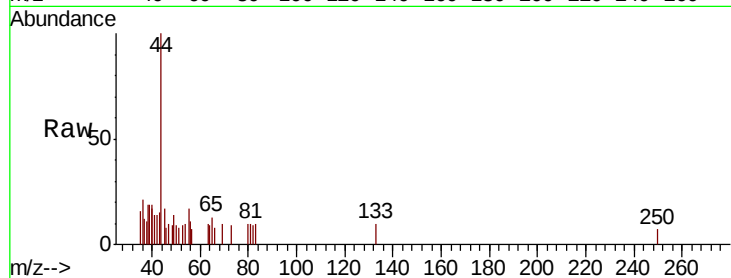
S8-TB01-190701

Tot Ion: 56 Resp: 271

Ion Ratio Lower Upper

56 100

55 87.8 56.9 85.3#



#16

Acetone

Concen: 0.418 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX010666.D

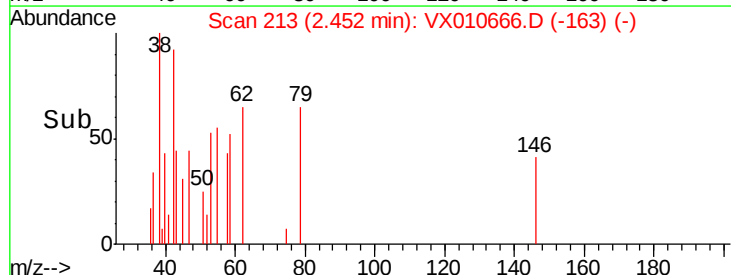
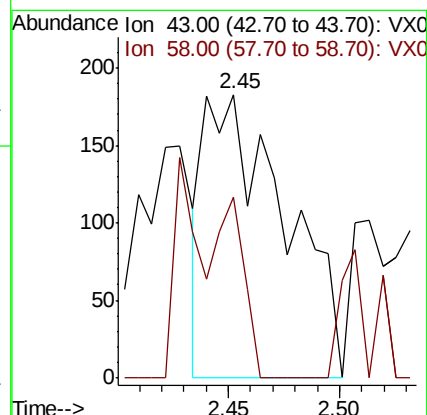
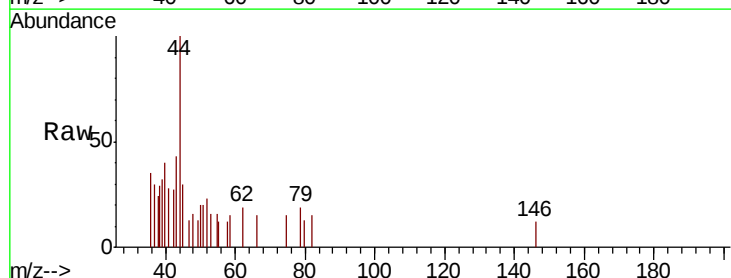
Acq: 04 Jul 2019 04:44

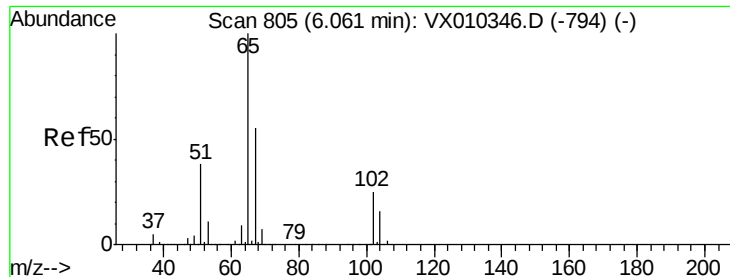
Tgt Ion: 43 Resp: 464

Ion Ratio Lower Upper

43 100

58 29.5 28.9 43.3





#33

1,2-Dichloroethane-d4

Concen: 53.819 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX010666.D

Acq: 04 Jul 2019 04:44

Instrument :

MSVOA_X

ClientSampleId :

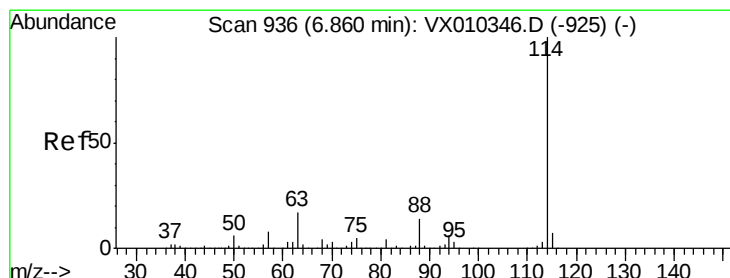
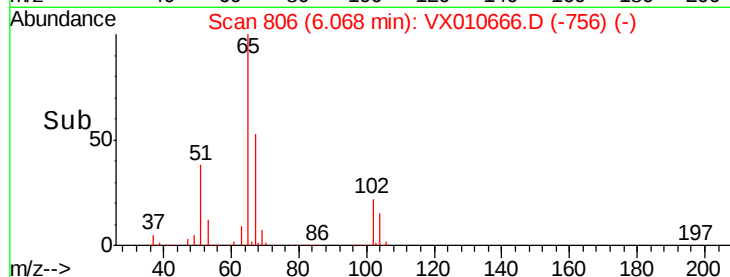
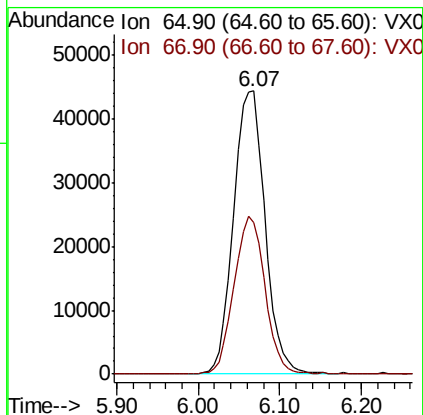
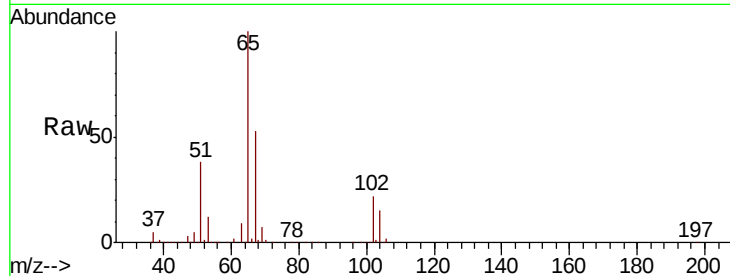
S8-TB01-190701

Tot Ion: 65 Resp: 119098

Ion Ratio Lower Upper

65 100

67 54.5 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: VX010666.D

Acq: 04 Jul 2019 04:44

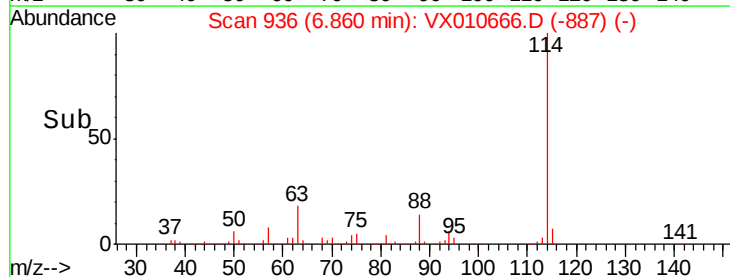
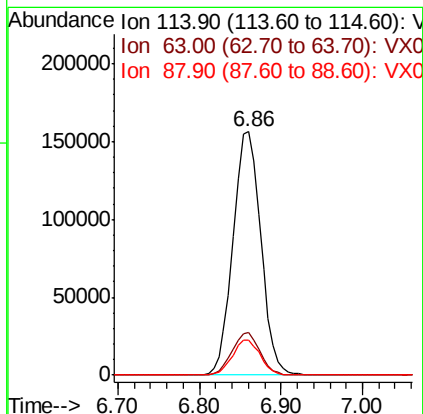
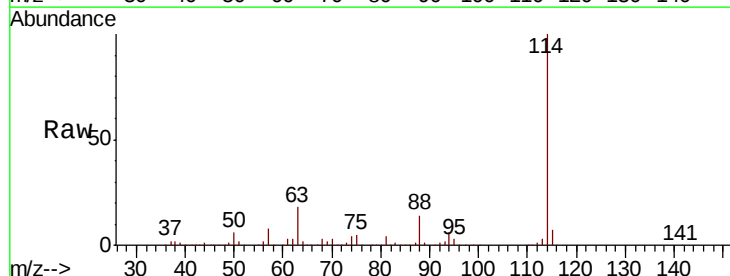
Tgt Ion: 114 Resp: 368146

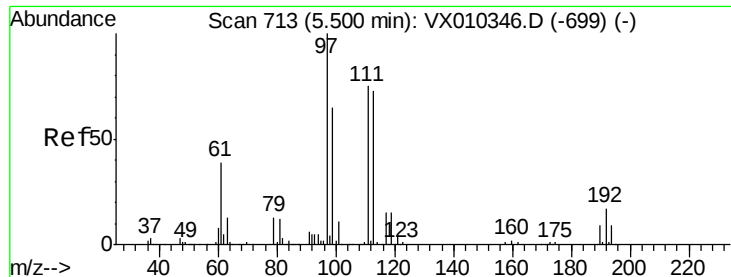
Ion Ratio Lower Upper

114 100

63 17.7 0.0 33.8

88 14.3 0.0 27.6

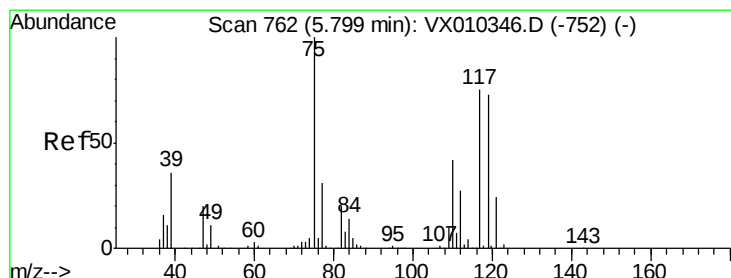
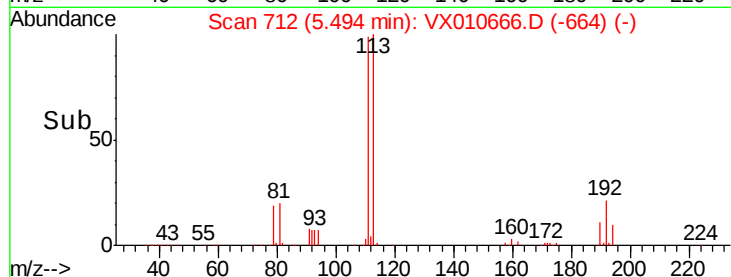
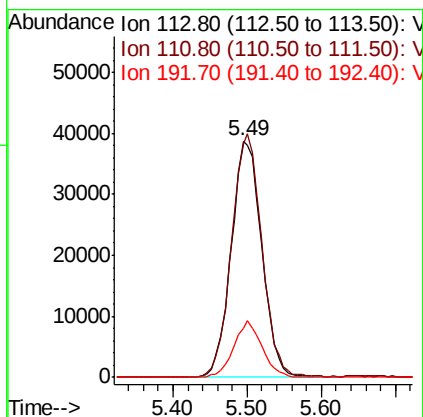
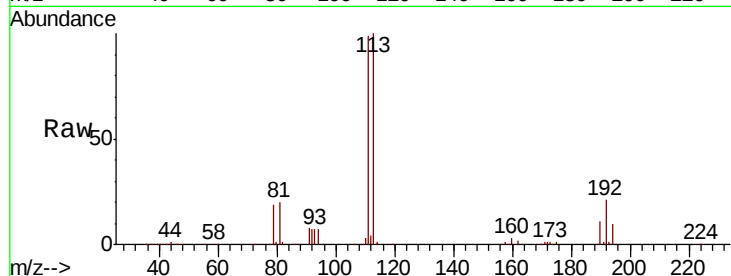




#35
Dibromofluoromethane
Concen: 49.645 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX010666.D
Acq: 04 Jul 2019 04:44

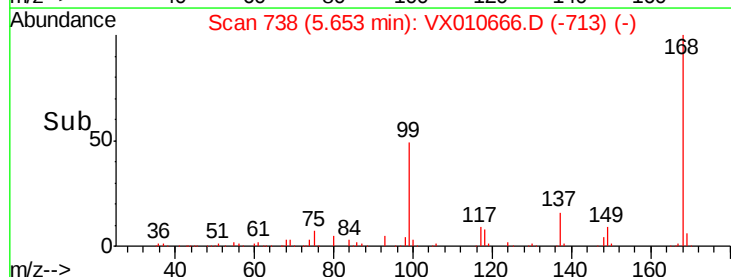
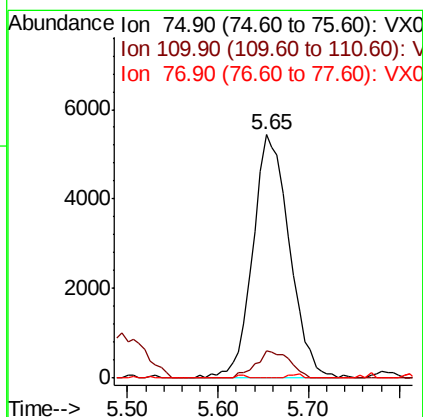
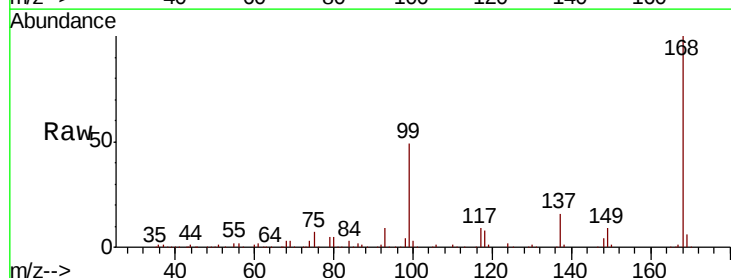
Instrument :
MSVOA_X
ClientSampleId :
S8-TB01-190701

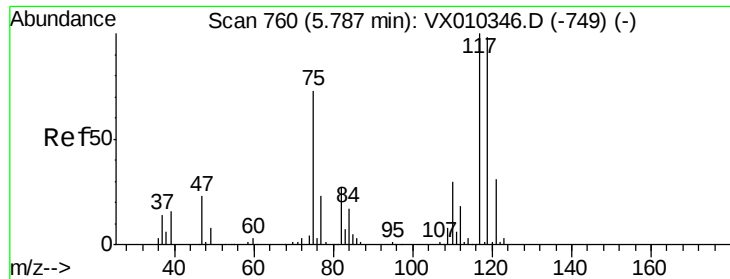
Tot Ion:113 Resp: 111824
Ion Ratio Lower Upper
113 100
111 101.8 81.2 121.8
192 21.9 18.6 27.8



#36
1,1-Dichloropropene
Concen: 5.197 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.15 min
Lab File: VX010666.D
Acq: 04 Jul 2019 04:44

Tgt Ion: 75 Resp: 15203
Ion Ratio Lower Upper
75 100
110 10.3 20.8 62.2#
77 0.0 25.4 38.0#

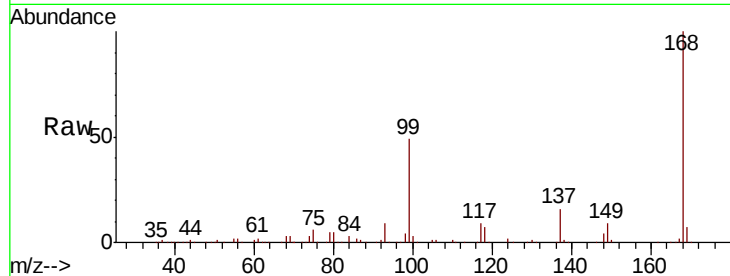




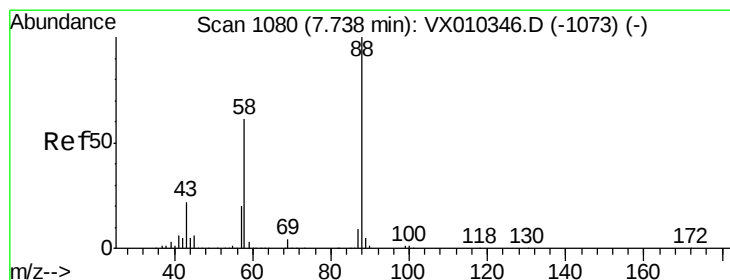
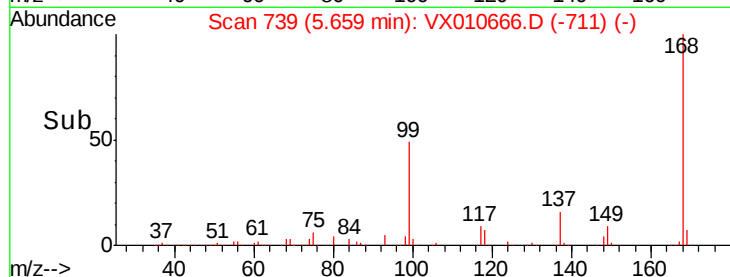
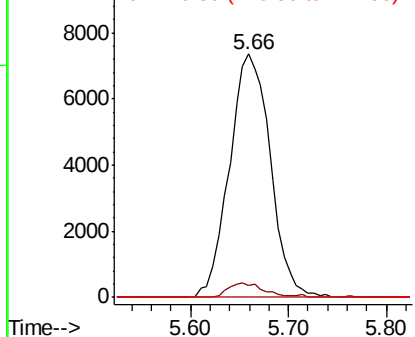
#38
Carbon Tetrachloride
Concen: 6.721 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.13 min
Lab File: VX010666.D
Acq: 04 Jul 2019 04:44

Instrument :
MSVOA_X
ClientSampleId :
S8-TB01-190701

Tot Ion:117 Resp: 21291
Ion Ratio Lower Upper
117 100
119 5.1 78.2 117.4#
121 0.0 24.7 37.1#

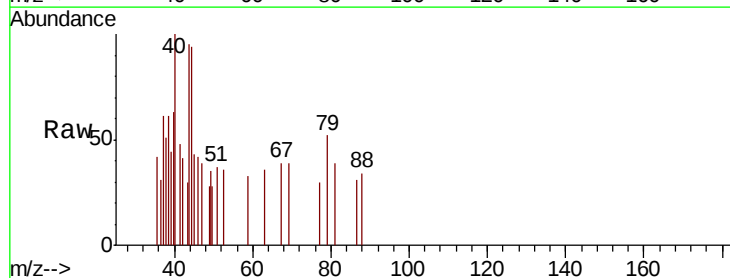


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

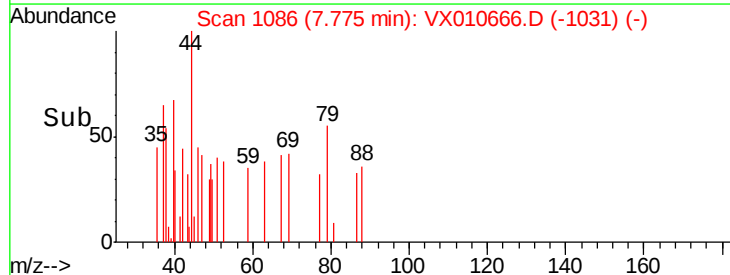
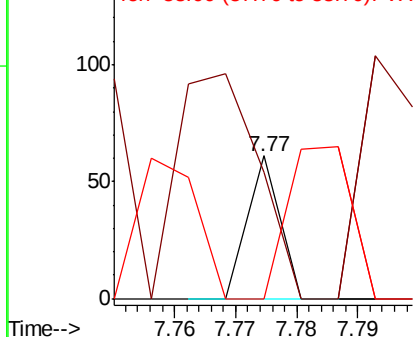


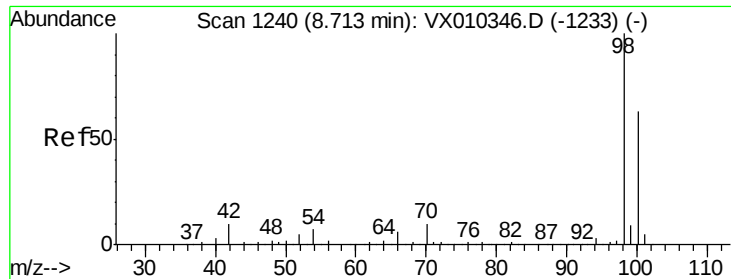
#49
1,4-Dioxane
Concen: 0.330 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. 0.04 min
Lab File: VX010666.D
Acq: 04 Jul 2019 04:44

Tgt Ion: 88 Resp: 22
Ion Ratio Lower Upper
88 100
43 404.5 20.2 30.2#
58 186.4 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: 50.164 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010666.D

Acq: 04 Jul 2019 04:44

Instrument :

MSVOA_X

ClientSampleId :

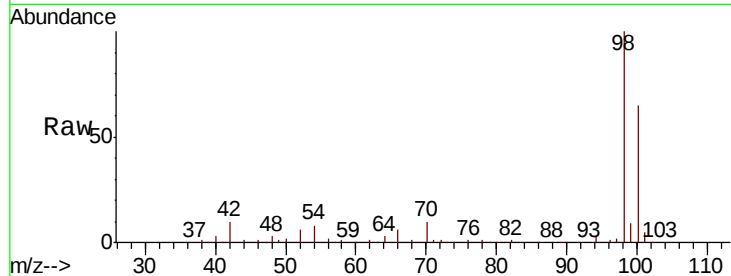
S8-TB01-190701

Tot Ion: 98 Resp: 432288

Ion Ratio Lower Upper

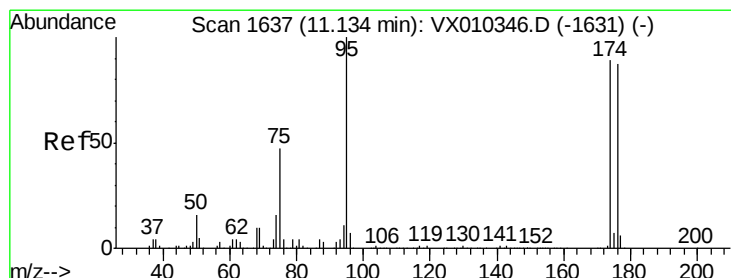
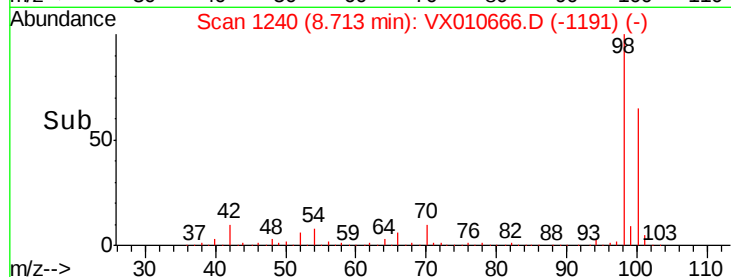
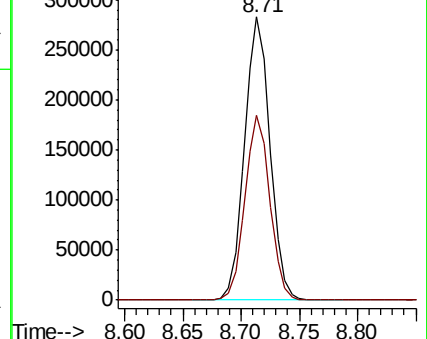
98 100

100 64.3 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: 46.861 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010666.D

Acq: 04 Jul 2019 04:44

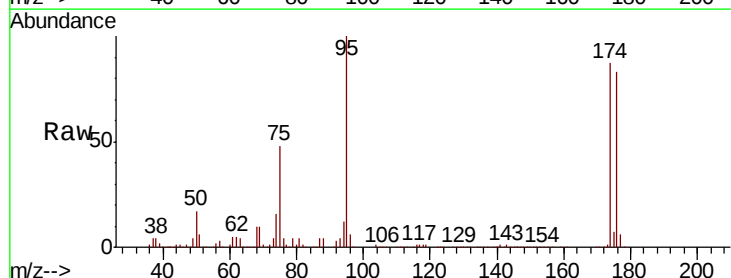
Tgt Ion: 95 Resp: 145790

Ion Ratio Lower Upper

95 100

174 92.8 0.0 187.6

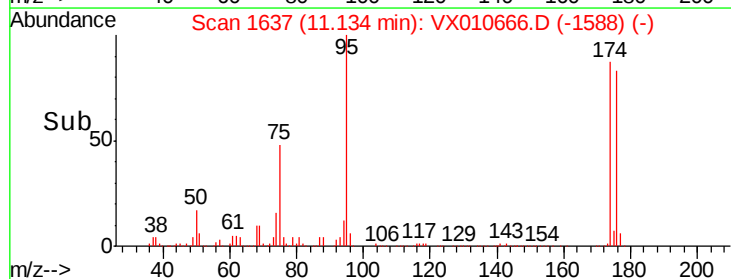
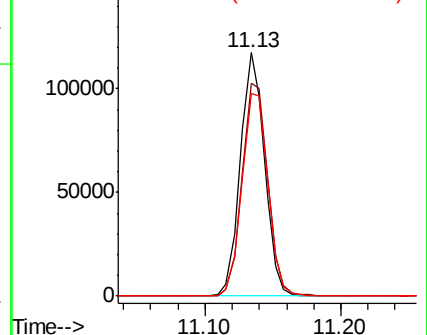
176 89.4 0.0 184.0

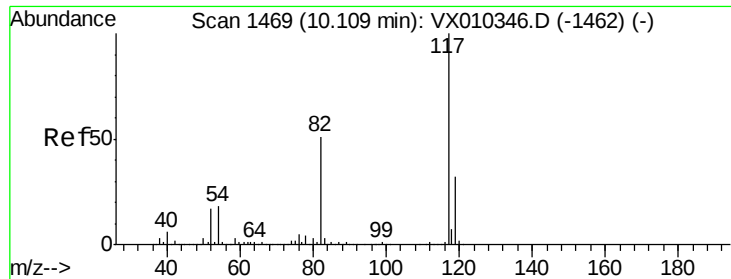


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

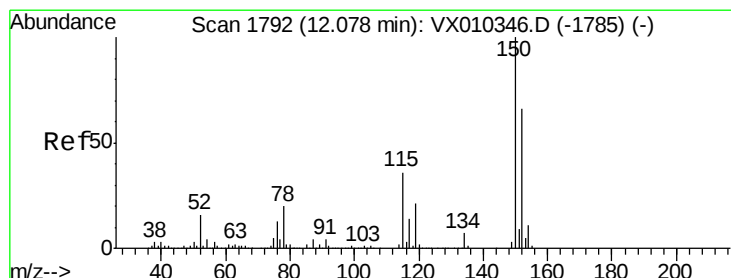
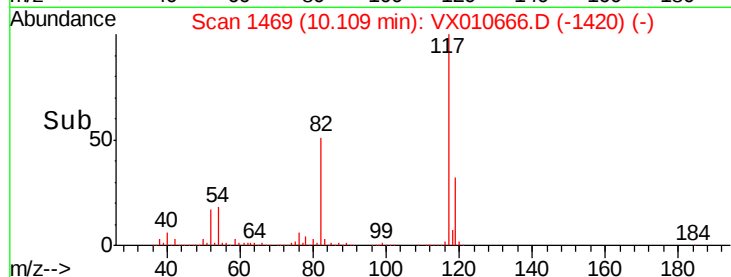
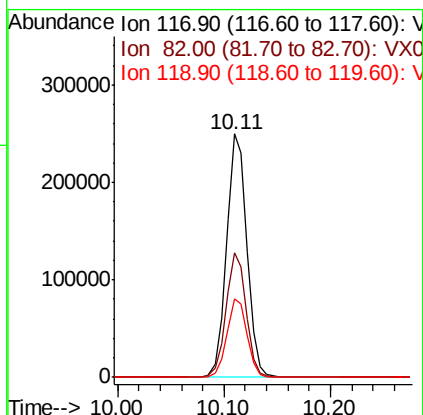
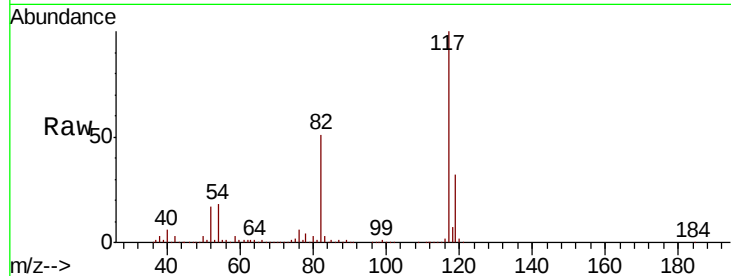




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010666.D
Acq: 04 Jul 2019 04:44

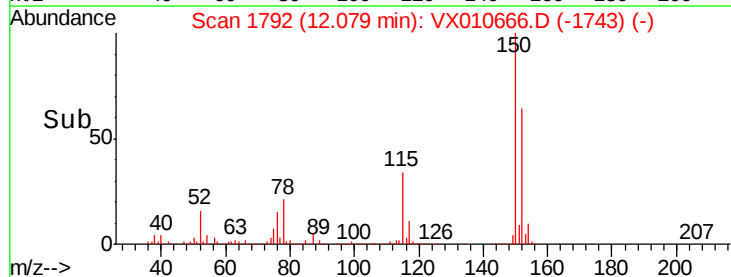
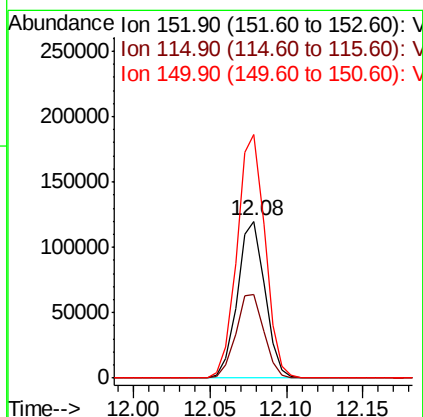
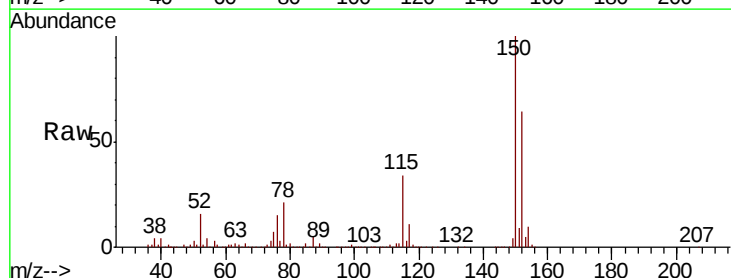
Instrument :
MSVOA_X
ClientSampleId :
S8-TB01-190701

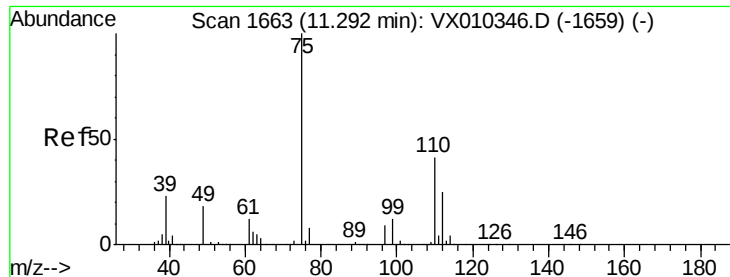
Tot Ion:117 Resp: 333695
Ion Ratio Lower Upper
117 100
82 51.0 41.2 61.8
119 32.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010666.D
Acq: 04 Jul 2019 04:44

Tgt Ion:152 Resp: 150049
Ion Ratio Lower Upper
152 100
115 54.6 38.6 115.7
150 157.5 0.0 347.4





#76

1,2,3-Trichloropropane

Concen: 25.881 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010666.D

Acq: 04 Jul 2019 04:44

Instrument :

MSVOA_X

ClientSampleId :

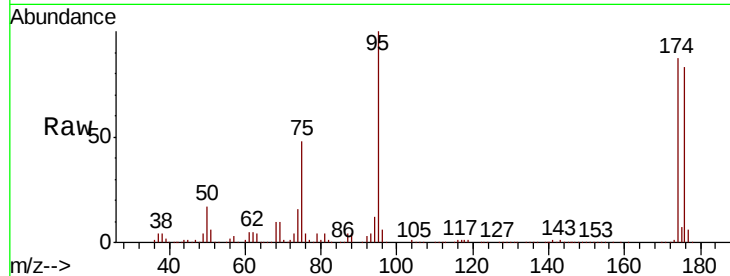
S8-TB01-190701

Tot Ion: 75 Resp: 70767

Ion Ratio Lower Upper

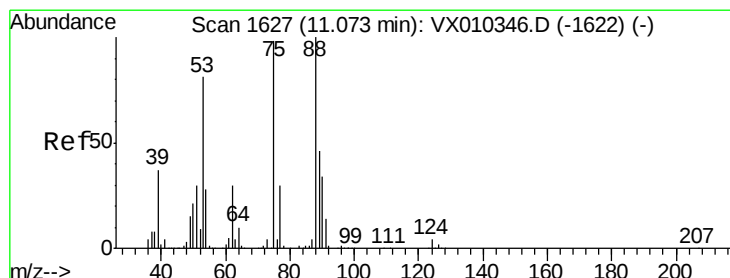
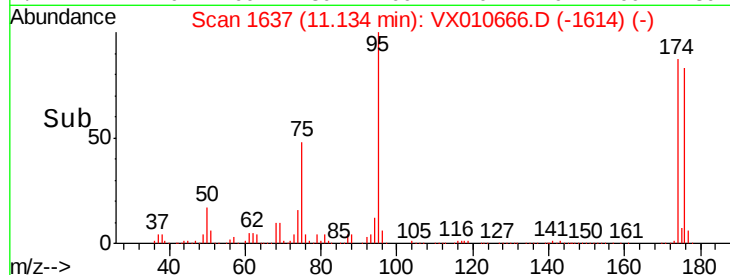
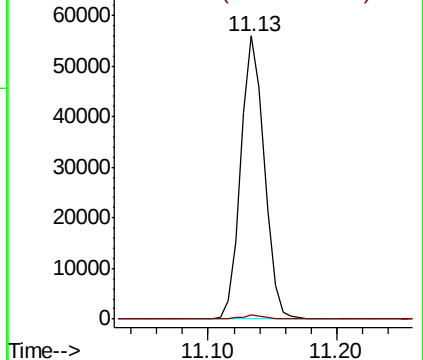
75 100

77 1.4 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: 60.378 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010666.D

Acq: 04 Jul 2019 04:44

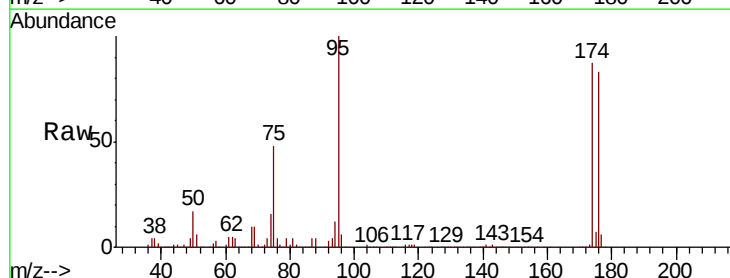
Tgt Ion: 75 Resp: 70767

Ion Ratio Lower Upper

75 100

53 0.2 66.1 99.1#

89 0.0 37.8 56.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

