

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062519\
 Data File : VX010438.D
 Acq On : 25 Jun 2019 17:05
 Operator : JC/SP
 Sample : K3519-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP-19-LF2-TB1

Quant Time: Jun 26 01:21:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	259345	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	395654	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	352189	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	161318	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	122116	50.22	ug/l	0.00
Spiked Amount			Recovery	=	100.44%	
35) Dibromofluoromethane	5.50	113	120291	49.69	ug/l	0.00
Spiked Amount			Recovery	=	99.38%	
50) Toluene-d8	8.71	98	464365	50.14	ug/l	0.00
Spiked Amount			Recovery	=	100.28%	
62) 4-Bromofluorobenzene	11.13	95	154433	46.19	ug/l	0.00
Spiked Amount			Recovery	=	92.38%	

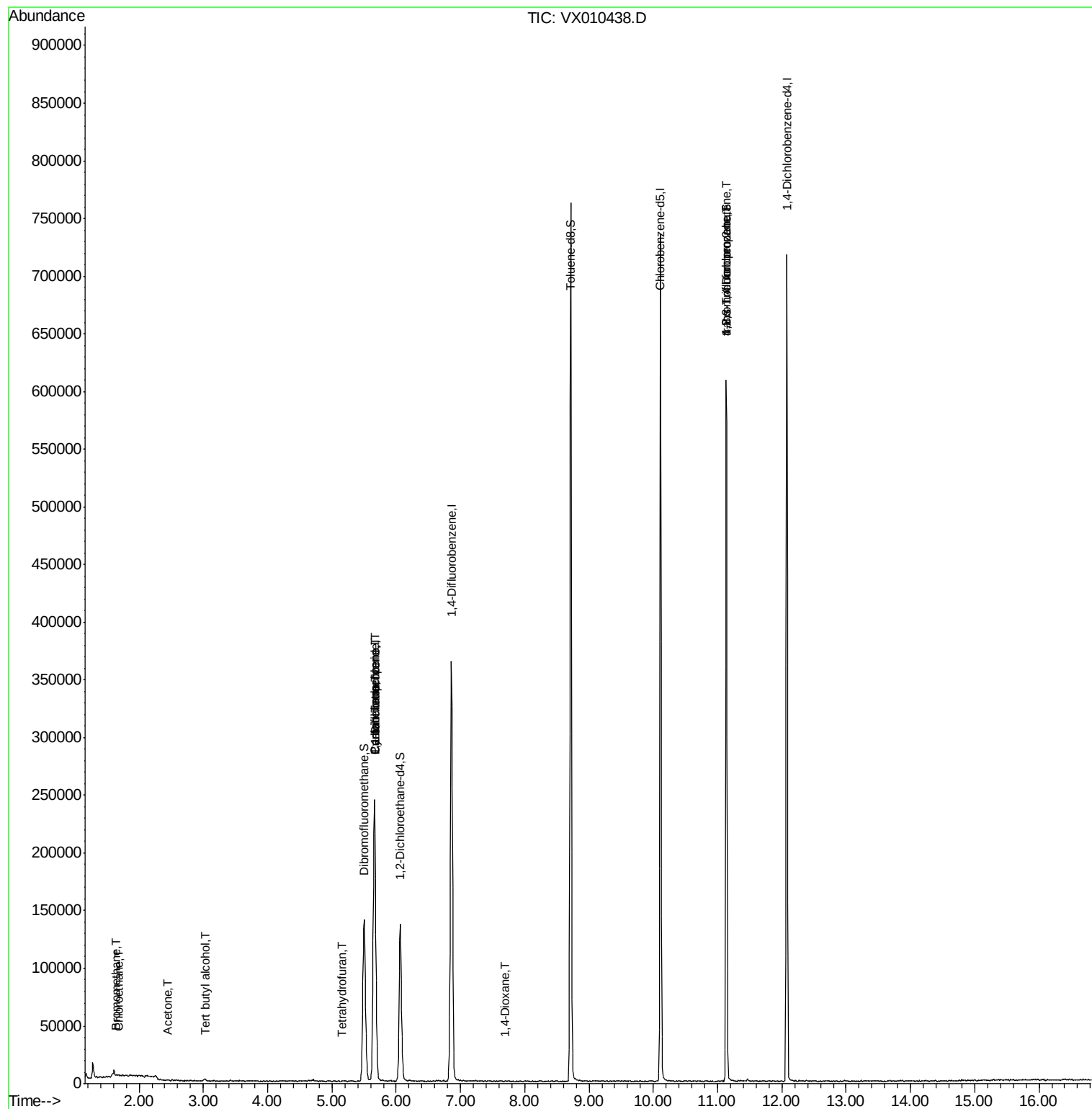
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	454	0.405	ug/l #	77
6) Chloroethane	1.70	64	685	0.505	ug/l #	84
11) Tert butyl alcohol	3.03	59	1738	2.732	ug/l #	90
16) Acetone	2.44	43	446	0.366	ug/l #	45
29) Tetrahydrofuran	5.16	42	366	0.331	ug/l #	33
31) Cyclohexane	5.66	56	4494	1.279	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	15723	5.001	ug/l #	48
38) Carbon Tetrachloride	5.67	117	23080	6.779	ug/l #	16
49) 1,4-Dioxane	7.70	88	19	0.265	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	73157	24.886	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.13	75	73157	58.057	ug/l #	16

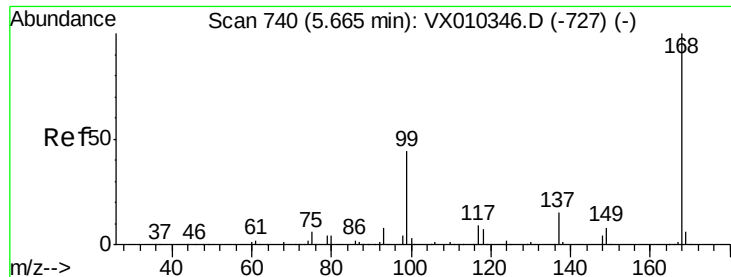
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062519\
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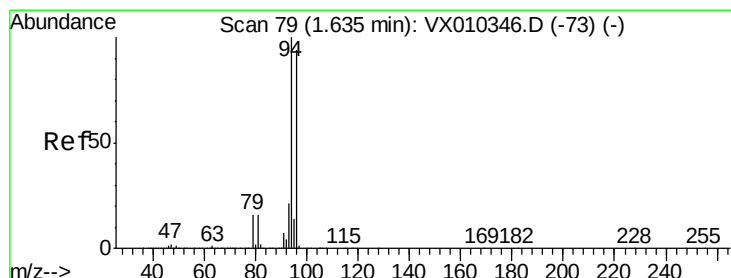
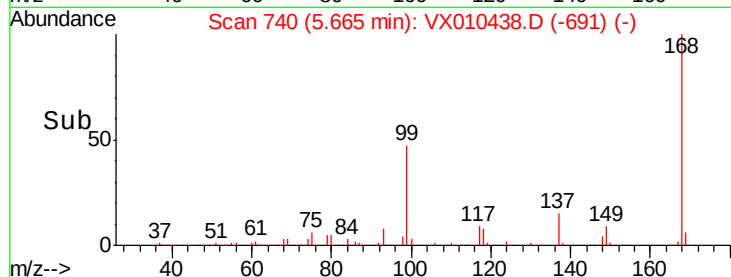
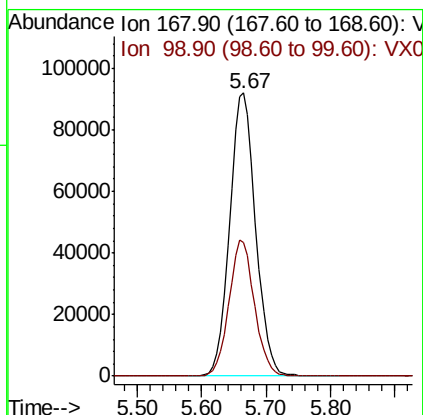
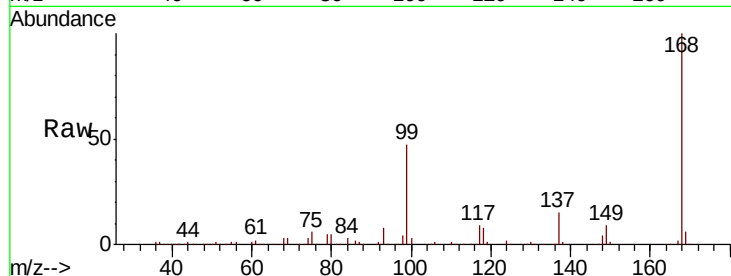




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX010438.D
Acq: 25 Jun 2019 17:05

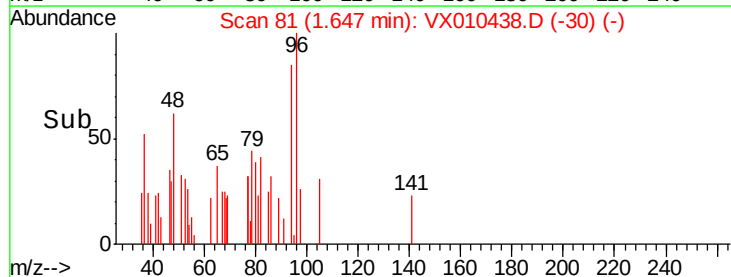
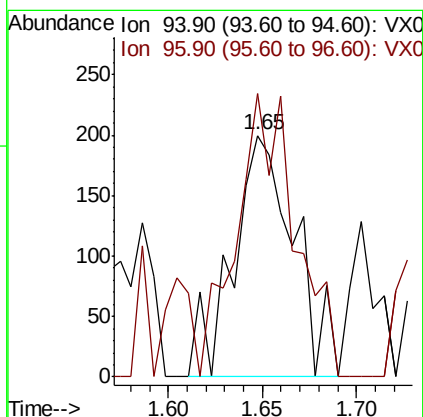
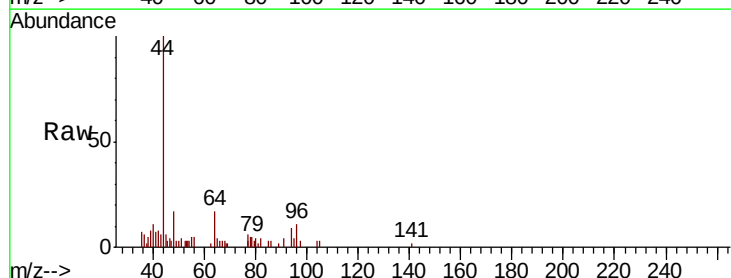
Instrument :
MSVOA_X
ClientSampled :
SP-19-LF2-TB1

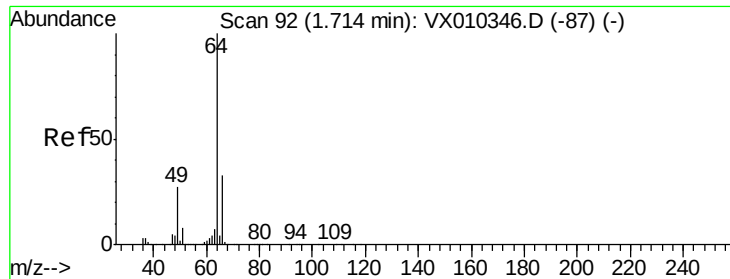
Tot Ion:168 Resp: 259345
Ion Ratio Lower Upper
168 100
99 47.1 35.5 53.3



#5
Bromomethane
Concen: 0.405 ug/l
RT: 1.65 min Scan# 81
Delta R.T. 0.01 min
Lab File: VX010438.D
Acq: 25 Jun 2019 17:05

Tgt Ion: 94 Resp: 454
Ion Ratio Lower Upper
94 100
96 117.0 75.5 113.3#





#6

Chloroethane

Concen: 0.505 ug/l

RT: 1.70 min Scan# 89

Delta R.T. -0.02 min

Lab File: VX010438.D

Acq: 25 Jun 2019 17:05

Instrument :

MSVOA_X

ClientSampleId :

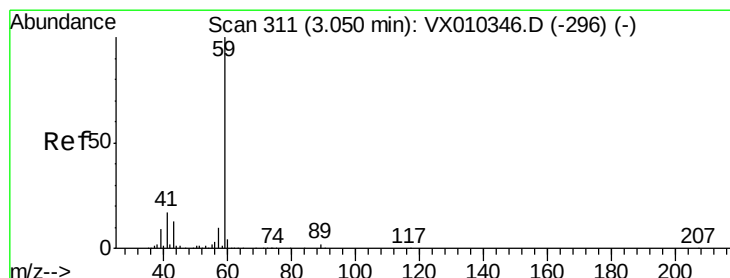
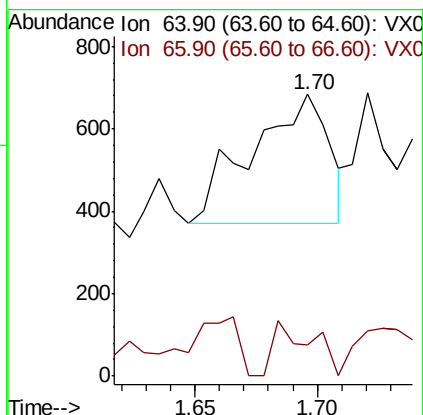
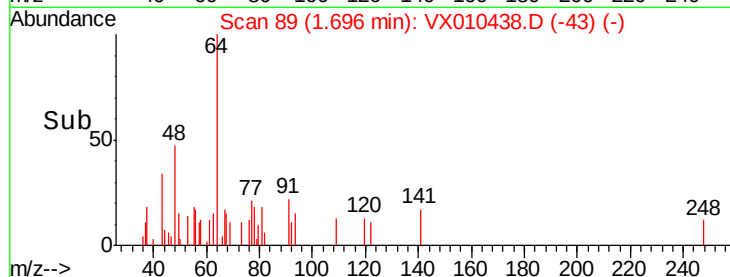
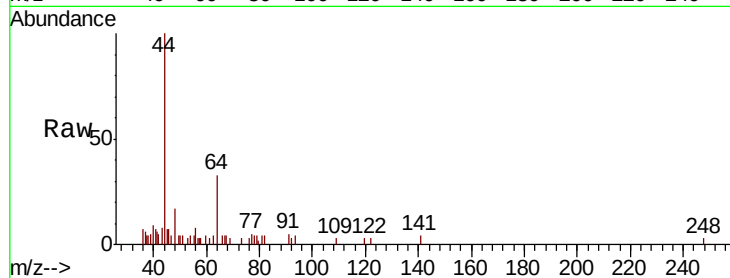
SP-19-LF2-TB1

Tot Ion: 64 Resp: 685

Ion Ratio Lower Upper

64 100

66 24.0 26.6 40.0#



#11

Tert butyl alcohol

Concen: 2.732 ug/l

RT: 3.03 min Scan# 308

Delta R.T. -0.02 min

Lab File: VX010438.D

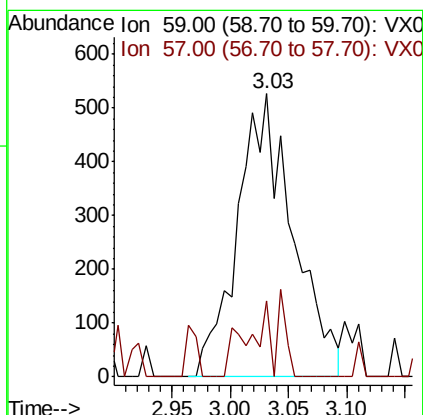
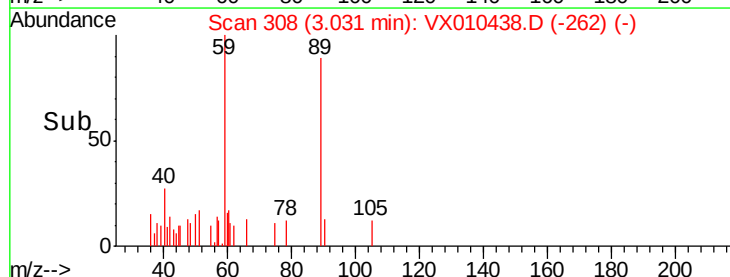
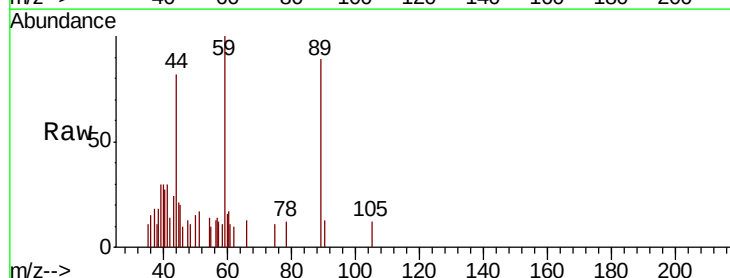
Acq: 25 Jun 2019 17:05

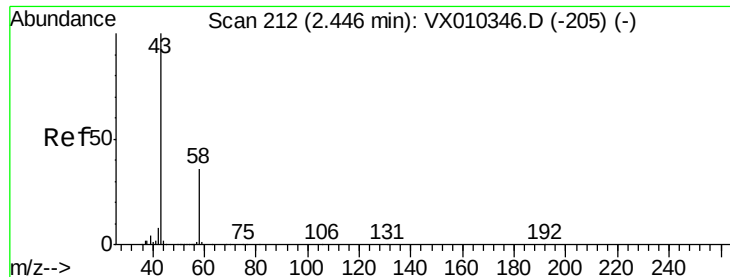
Tgt Ion: 59 Resp: 1738

Ion Ratio Lower Upper

59 100

57 5.8 7.7 11.5#





#16

Acetone

Concen: 0.366 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010438.D

Acq: 25 Jun 2019 17:05

Instrument :

MSVOA_X

ClientSampled :

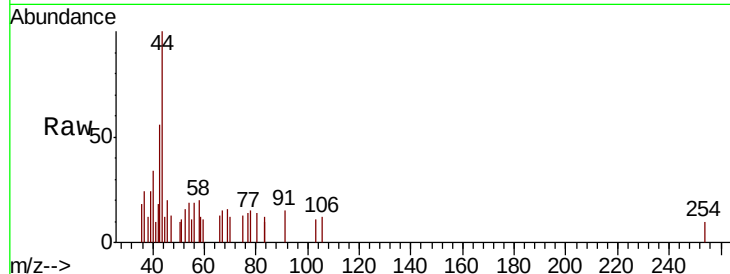
SP-19-LF2-TB1

Tot Ion: 43 Resp: 446

Ion Ratio Lower Upper

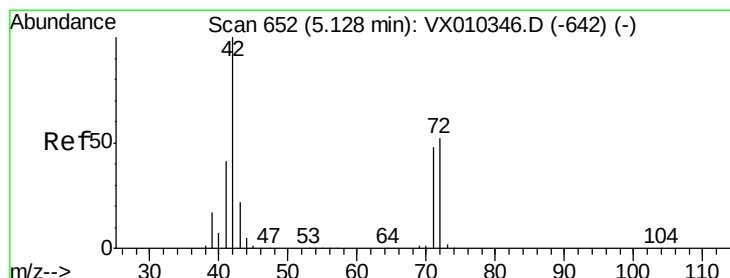
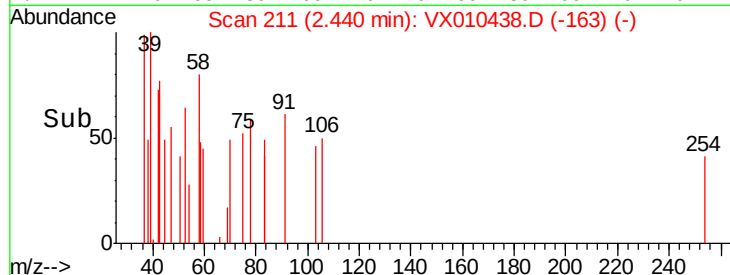
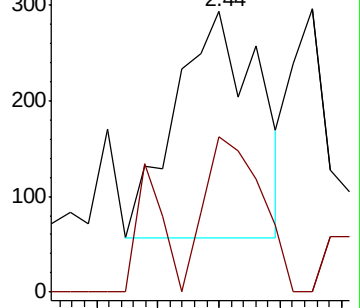
43 100

58 68.8 28.9 43.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#29

Tetrahydrofuran

Concen: 0.331 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.03 min

Lab File: VX010438.D

Acq: 25 Jun 2019 17:05

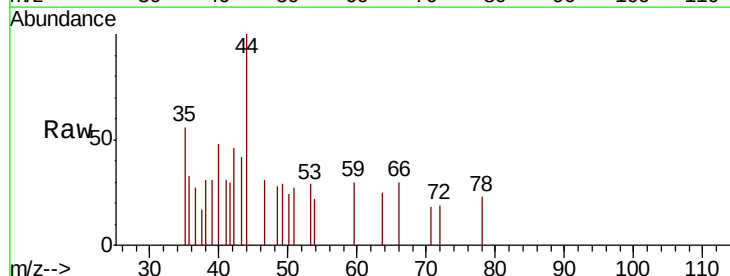
Tgt Ion: 42 Resp: 366

Ion Ratio Lower Upper

42 100

72 6.0 40.6 60.8#

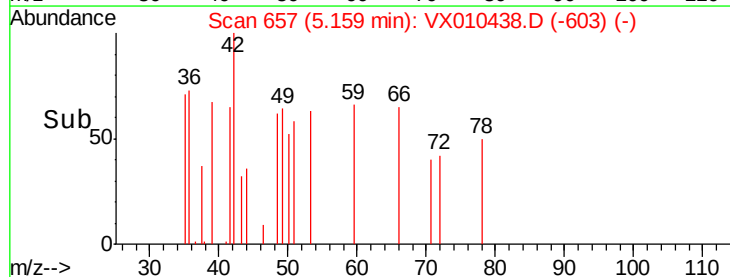
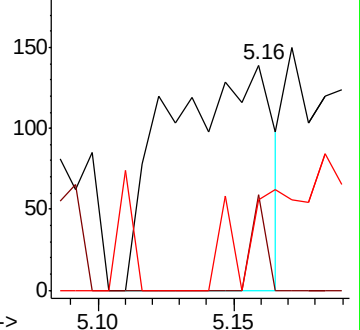
71 0.0 37.8 56.8#

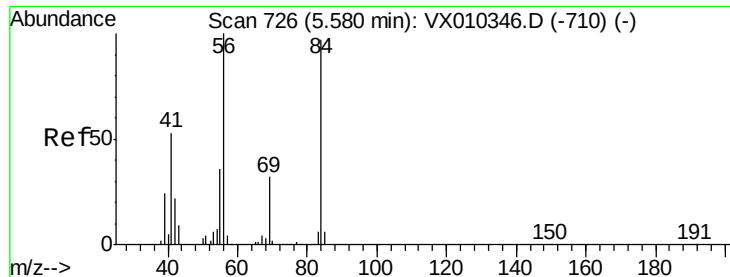


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

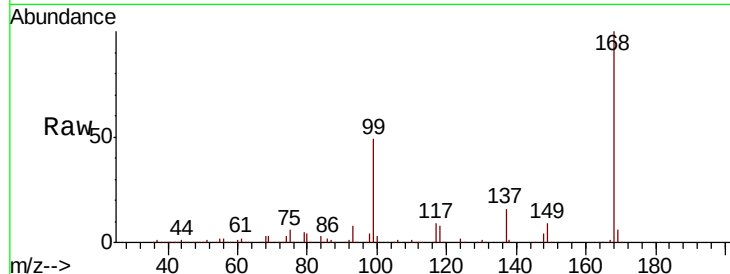




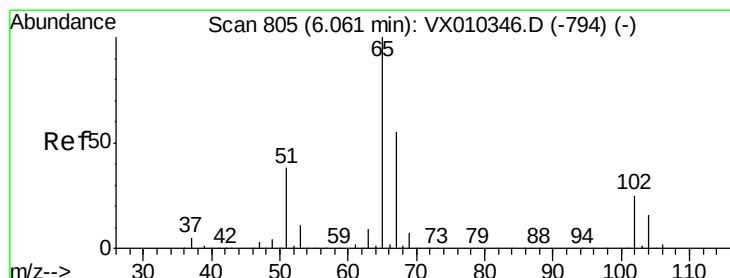
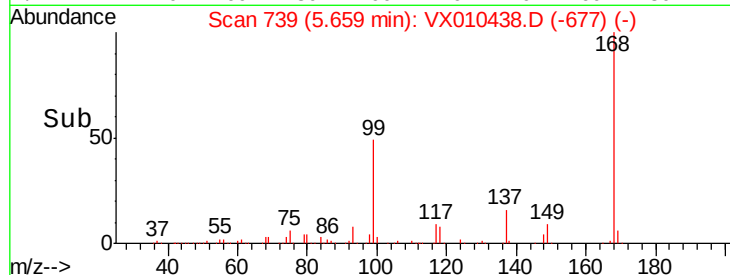
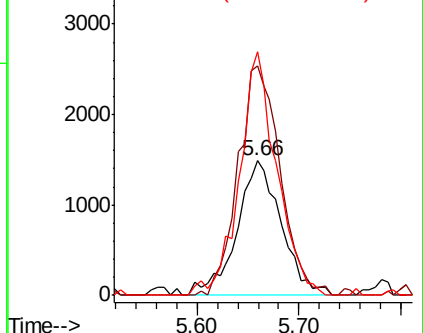
#31
Cyclohexane
Concen: 1.279 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.08 min
Lab File: VX010438.D
Acq: 25 Jun 2019 17:05

Instrument :
MSVOA_X
ClientSampleId :
SP-19-LF2-TB1

Tot Ion: 56 Resp: 4494
Ion Ratio Lower Upper
56 100
69 170.6 25.9 38.9#
84 181.1 78.0 117.0#

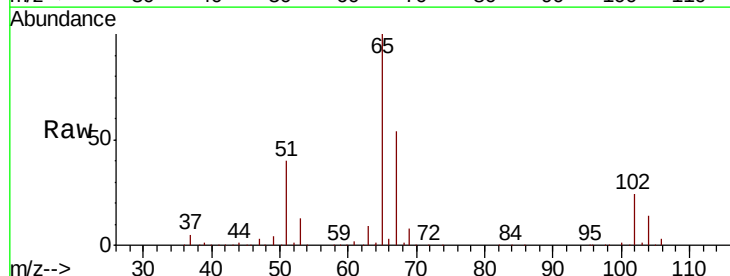


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

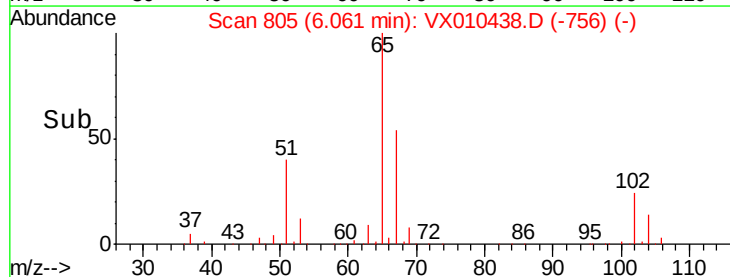
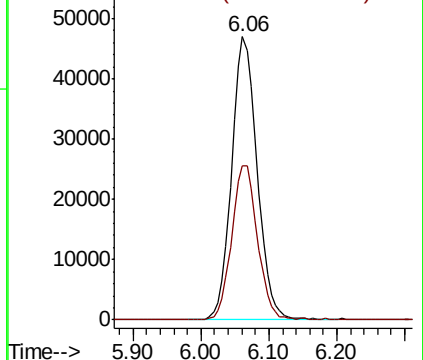


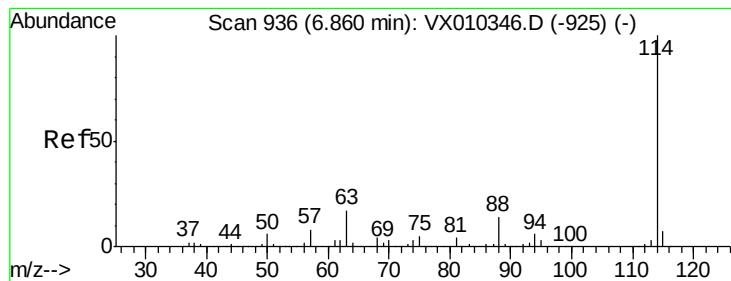
#33
1,2-Dichloroethane-d4
Concen: 50.220 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010438.D
Acq: 25 Jun 2019 17:05

Tgt Ion: 65 Resp: 122116
Ion Ratio Lower Upper
65 100
67 54.8 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010438.D

Acq: 25 Jun 2019 17:05

Instrument :

MSVOA_X

ClientSampleId :

SP-19-LF2-TB1

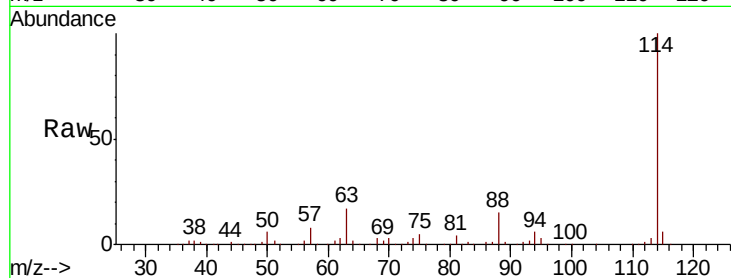
Tot Ion:114 Resp: 395654

Ion Ratio Lower Upper

114 100

63 17.1 0.0 33.8

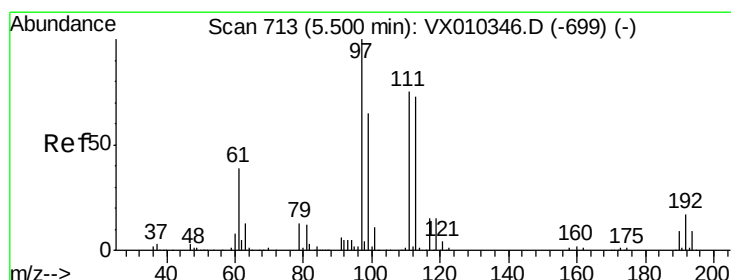
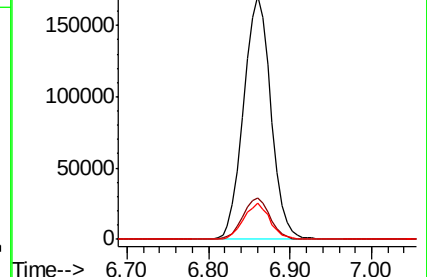
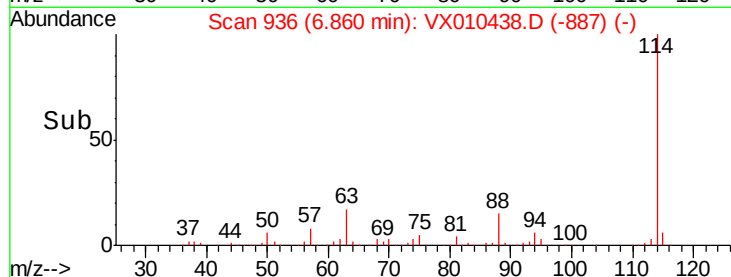
88 14.6 0.0 27.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 49.692 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010438.D

Acq: 25 Jun 2019 17:05

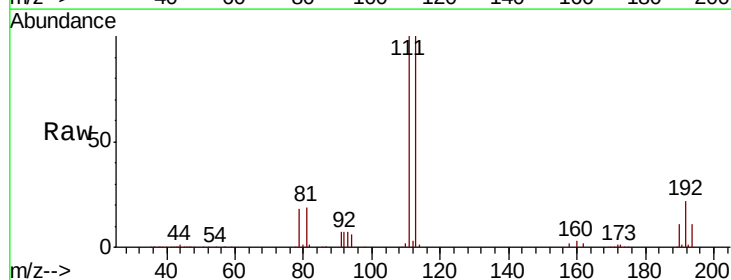
Tgt Ion:113 Resp: 120291

Ion Ratio Lower Upper

113 100

111 102.6 81.2 121.8

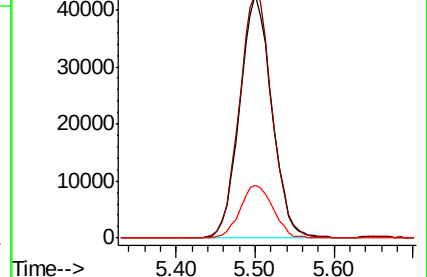
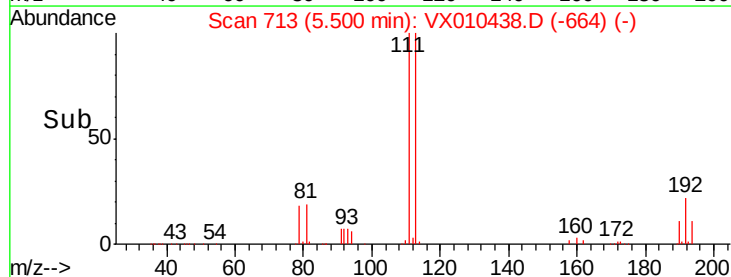
192 22.4 18.6 27.8

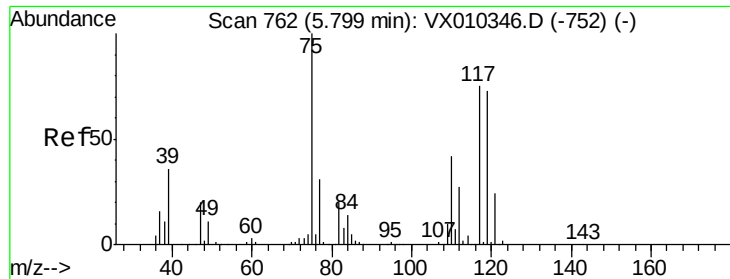


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

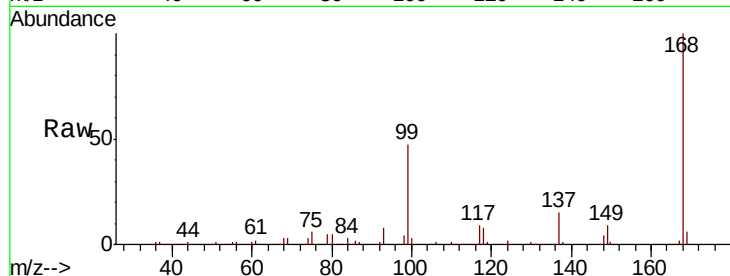




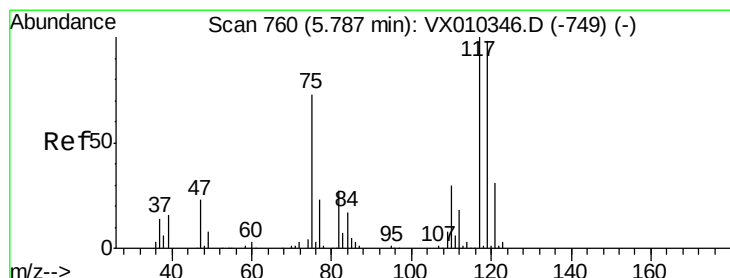
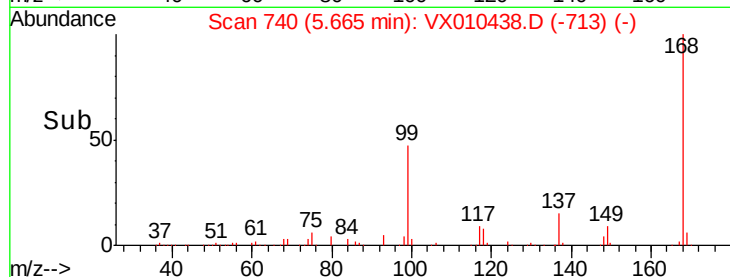
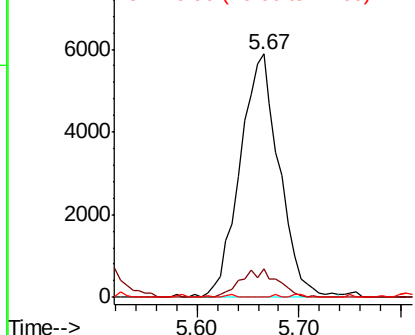
#36
 1,1-Dichloropropene
 Concen: 5.001 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX010438.D
 Acq: 25 Jun 2019 17:05

Instrument :
 MSVOA_X
 ClientSampleId :
 SP-19-LF2-TB1

Tot Ion: 75 Resp: 15723
 Ion Ratio Lower Upper
 75 100
 110 11.0 20.8 62.2#
 77 0.2 25.4 38.0#

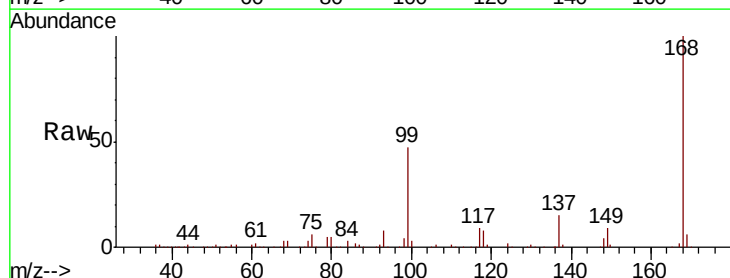


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

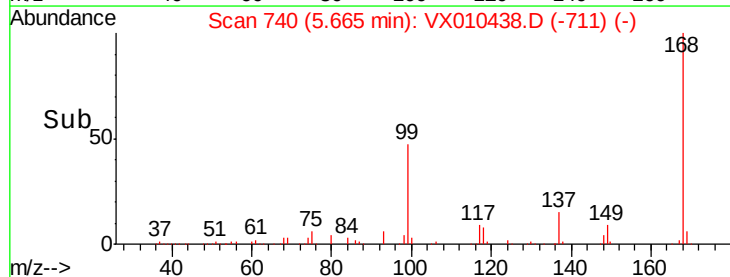
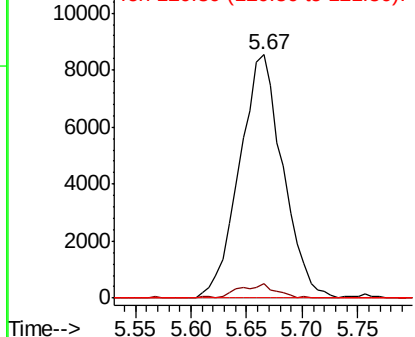


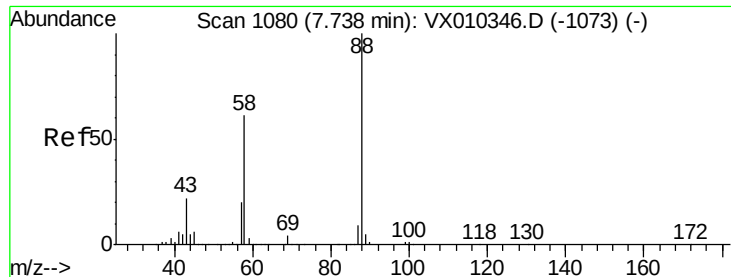
#38
 Carbon Tetrachloride
 Concen: 6.779 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX010438.D
 Acq: 25 Jun 2019 17:05

Tgt Ion: 117 Resp: 23080
 Ion Ratio Lower Upper
 117 100
 119 5.8 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

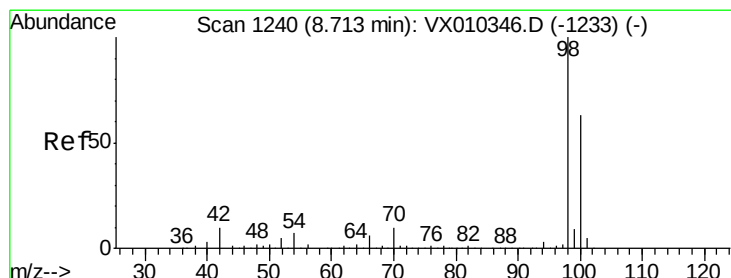
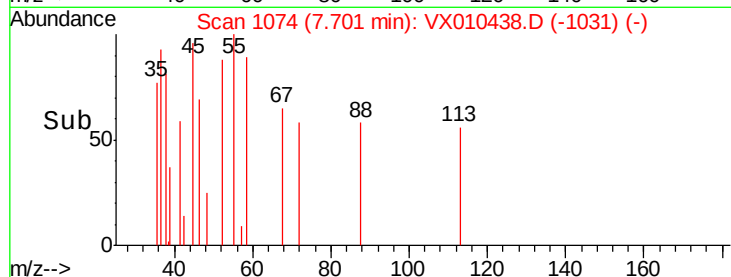
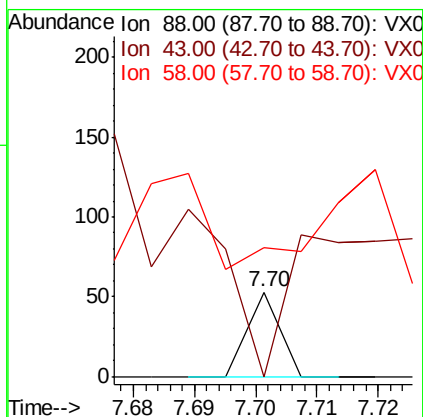
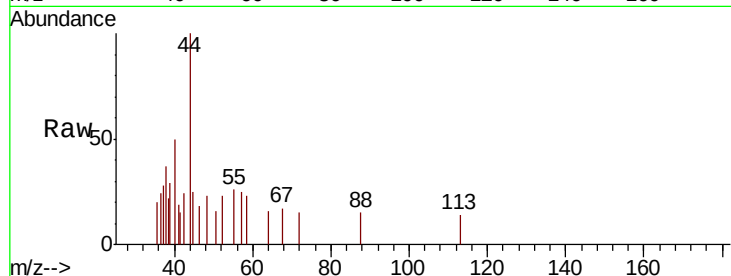




#49
1,4-Dioxane
Concen: 0.265 ug/l
RT: 7.70 min Scan# 1074
Delta R.T. -0.04 min
Lab File: VX010438.D
Acq: 25 Jun 2019 17:05

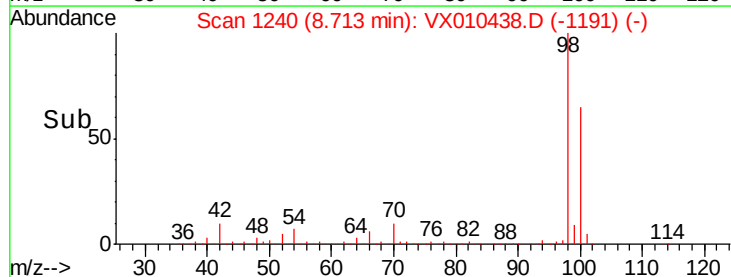
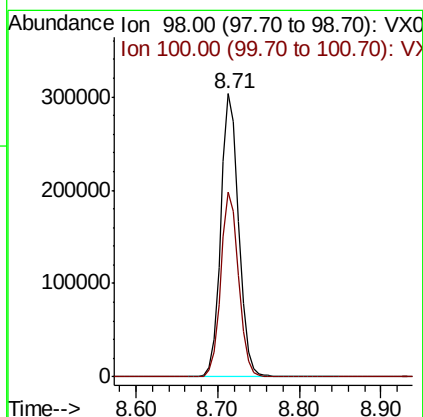
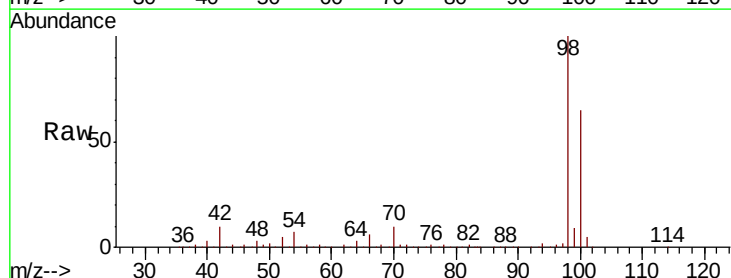
Instrument :
MSVOA_X
ClientSampled :
SP-19-LF2-TB1

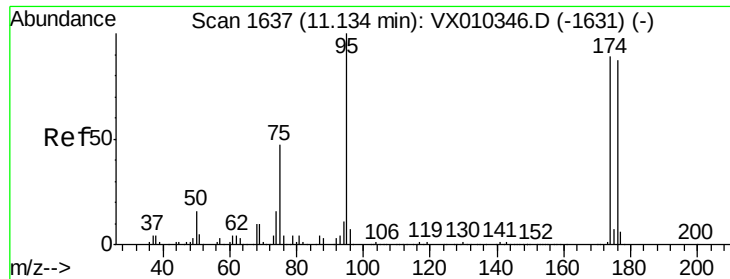
Tot Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 0.0 20.2 30.2#
58 1168.4 49.5 74.3#



#50
Toluene-d8
Concen: 50.140 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010438.D
Acq: 25 Jun 2019 17:05

Tgt Ion: 98 Resp: 464365
Ion Ratio Lower Upper
98 100
100 65.0 51.6 77.4

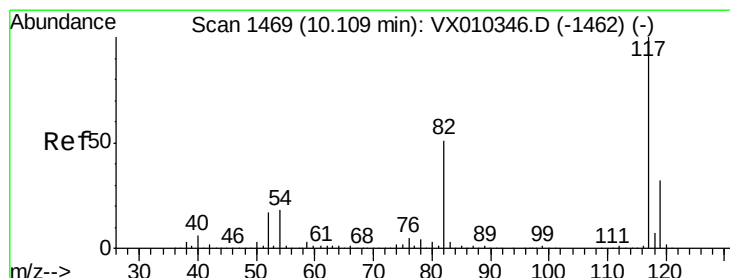
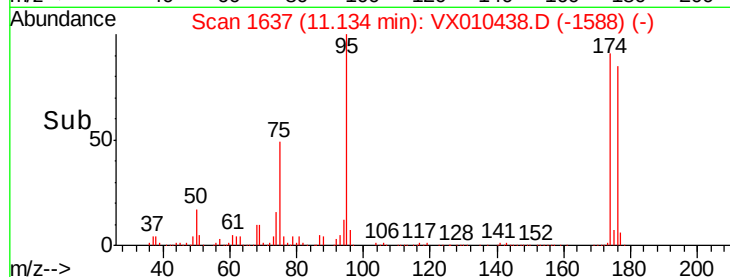
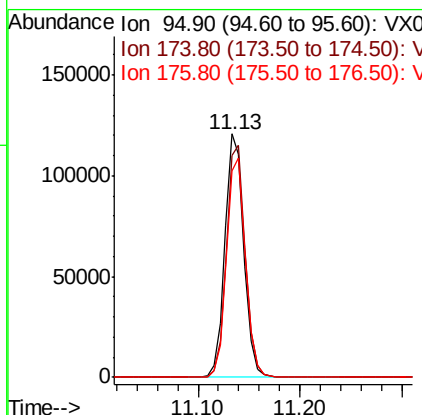
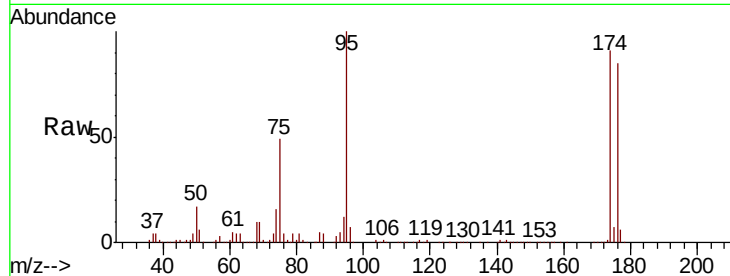




#62
4-Bromofluorobenzene
Concen: 46.188 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010438.D
Acq: 25 Jun 2019 17:05

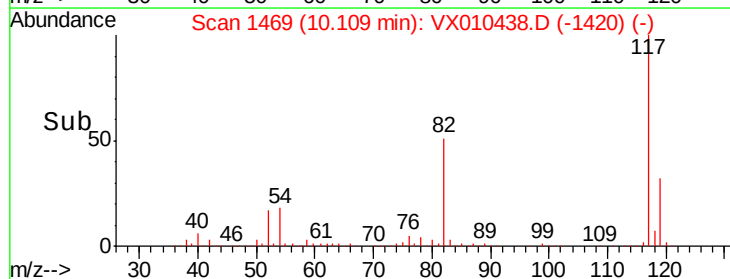
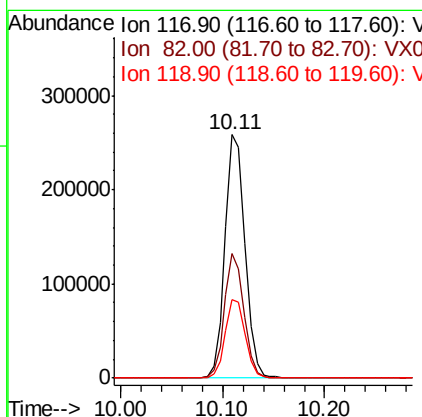
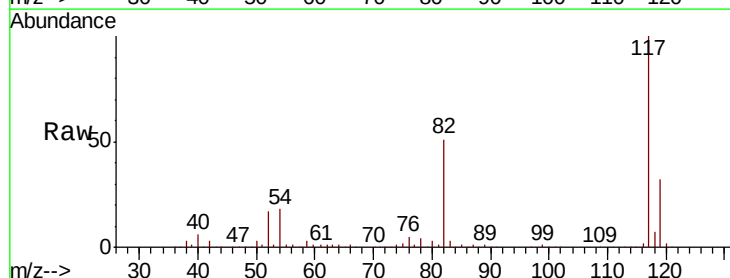
Instrument :
MSVOA_X
ClientSampleId :
SP-19-LF2-TB1

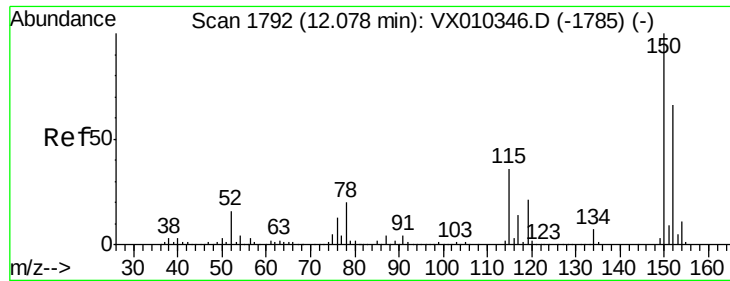
Tot Ion: 95 Resp: 154433
Ion Ratio Lower Upper
95 100
174 94.7 0.0 187.6
176 90.0 0.0 184.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010438.D
Acq: 25 Jun 2019 17:05

Tgt Ion: 117 Resp: 352189
Ion Ratio Lower Upper
117 100
82 51.2 41.2 61.8
119 32.3 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: VX010438.D

Acq: 25 Jun 2019 17:05

Instrument :

MSVOA_X

ClientSampled :

SP-19-LF2-TB1

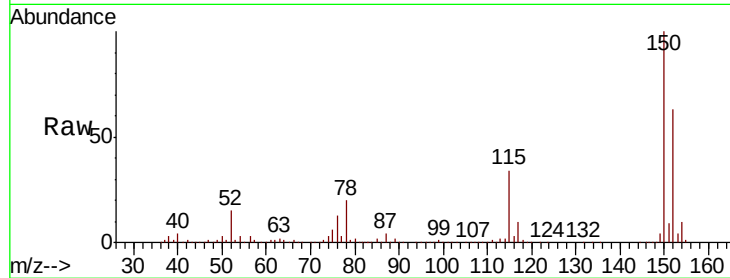
Tot Ion:152 Resp: 161318

Ion Ratio Lower Upper

152 100

115 54.6 38.6 115.7

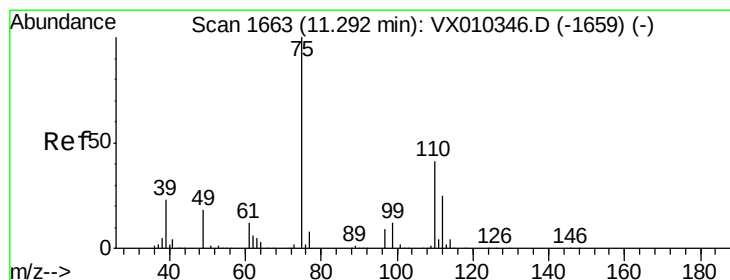
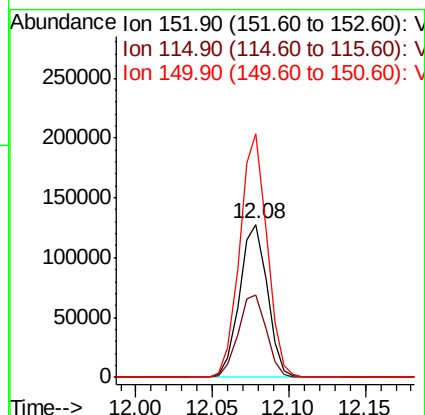
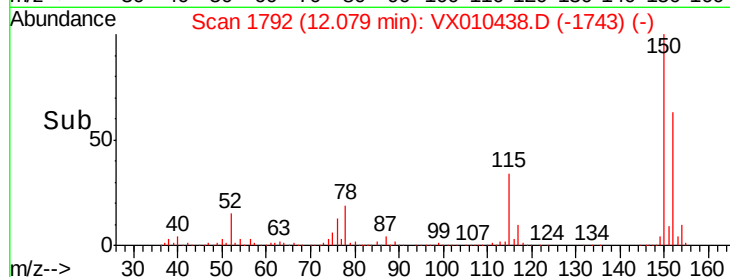
150 155.7 0.0 347.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 24.886 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010438.D

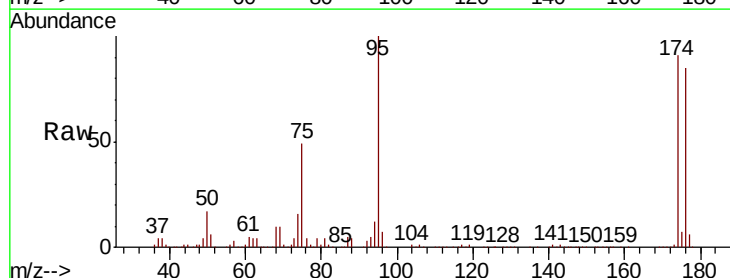
Acq: 25 Jun 2019 17:05

Tgt Ion: 75 Resp: 73157

Ion Ratio Lower Upper

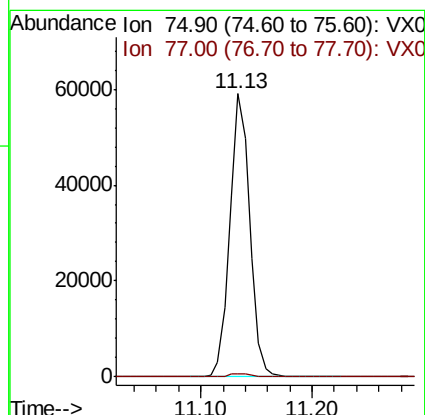
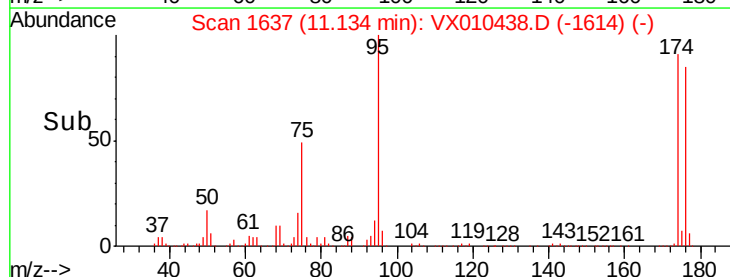
75 100

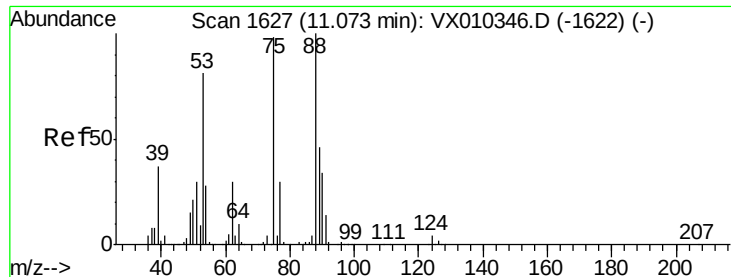
77 1.4 22.6 67.8#



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: 58.057 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX010438.D
 Acq: 25 Jun 2019 17:05

Instrument :
 MSVOA_X
 ClientSampleId :
 SP-19-LF2-TB1

Tot Ion: 75 Resp: 73157
 Ion Ratio Lower Upper
 75 100
 53 0.1 66.1 99.1#
 89 0.0 37.8 56.6#

