

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062519\
 Data File : VX010439.D
 Acq On : 25 Jun 2019 17:28
 Operator : JC/SP
 Sample : K3519-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP-19-LF2MW4

Quant Time: Jun 26 01:21:38 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

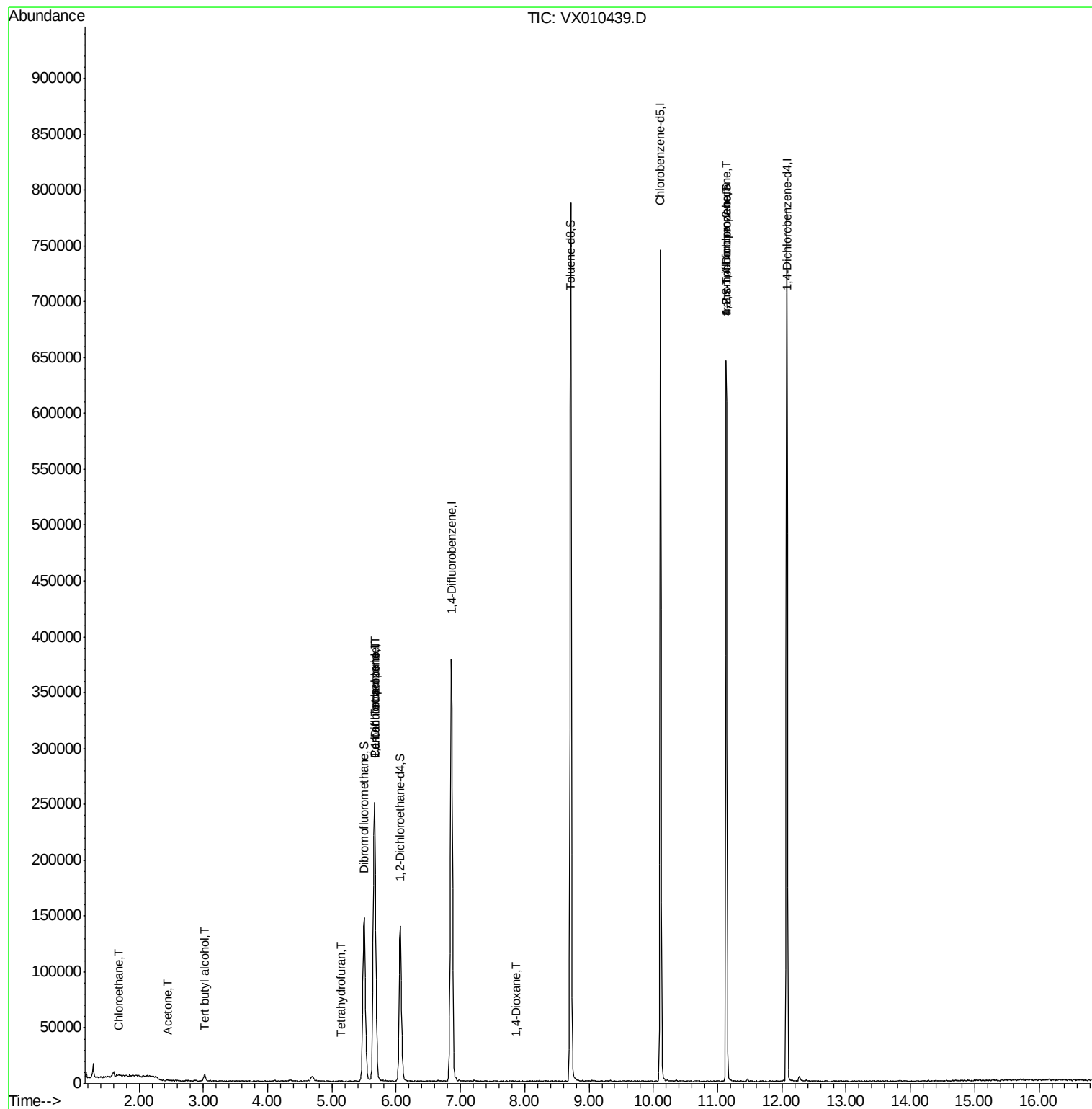
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	267959	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	408785	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	373180	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	172016	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	127329	50.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.36%	
35) Dibromofluoromethane	5.50	113	124652	49.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.68%	
50) Toluene-d8	8.71	98	481825	50.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.70%	
62) 4-Bromofluorobenzene	11.13	95	160862	46.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.12%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.68	64	708	0.505	ug/l #	54
11) Tert butyl alcohol	3.01	59	3498	5.321	ug/l #	74
16) Acetone	2.44	43	781	0.620	ug/l #	87
29) Tetrahydrofuran	5.14	42	302	0.264	ug/l #	28
36) 1,1-Dichloropropene	5.67	75	16144	4.970	ug/l #	48
38) Carbon Tetrachloride	5.66	117	23304	6.625	ug/l #	15
49) 1,4-Dioxane	7.87	88	42	0.567	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	76602	24.438	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.13	75	76602	57.011	ug/l #	16

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

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QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010439.D

Acq: 25 Jun 2019 17:28

Instrument :

MSVOA_X

ClientSampleId :

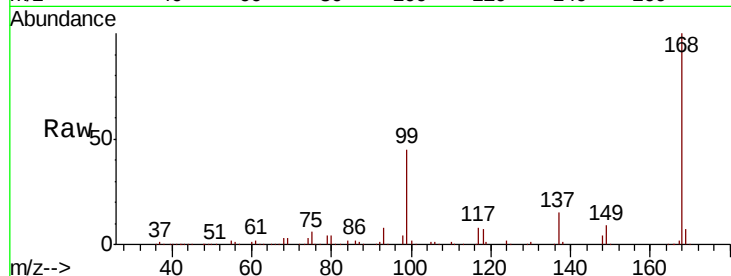
SP-19-LF2MW4

Tot Ion:168 Resp: 267959

Ion Ratio Lower Upper

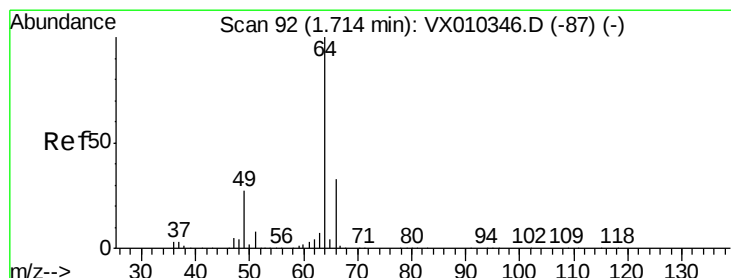
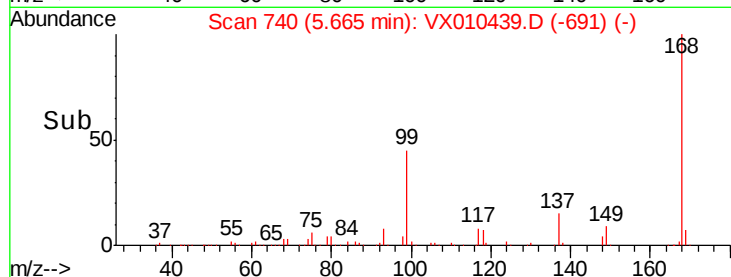
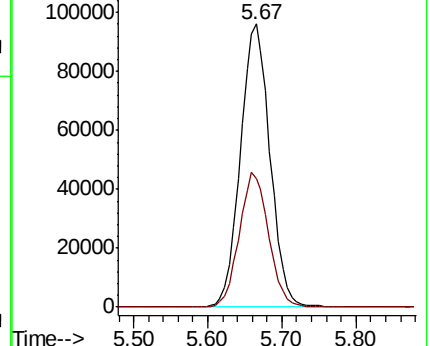
168 100

99 45.2 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#6

Chloroethane

Concen: 0.505 ug/l

RT: 1.68 min Scan# 86

Delta R.T. -0.04 min

Lab File: VX010439.D

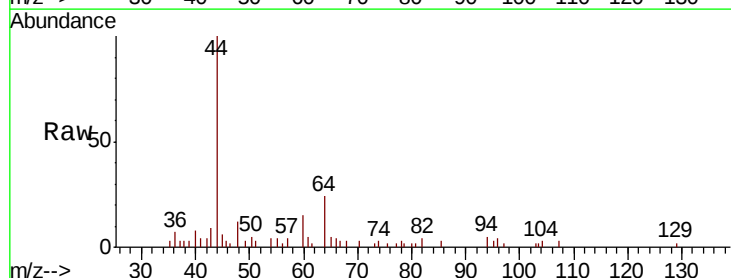
Acq: 25 Jun 2019 17:28

Tgt Ion: 64 Resp: 708

Ion Ratio Lower Upper

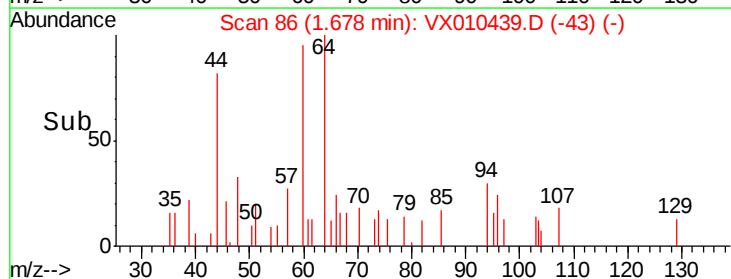
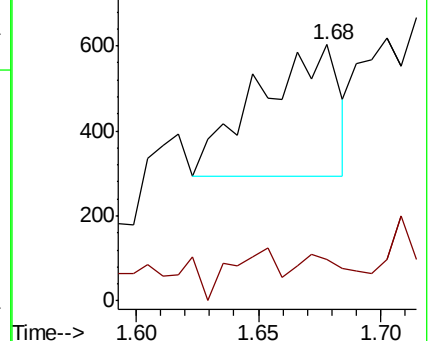
64 100

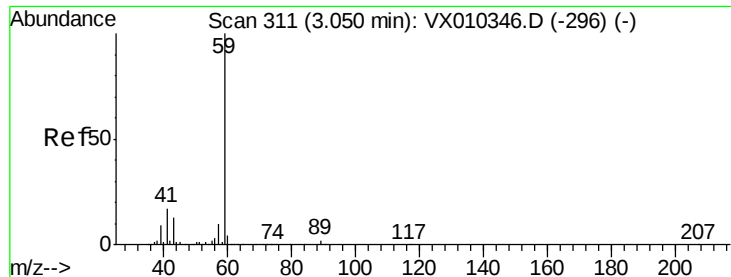
66 7.1 26.6 40.0#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



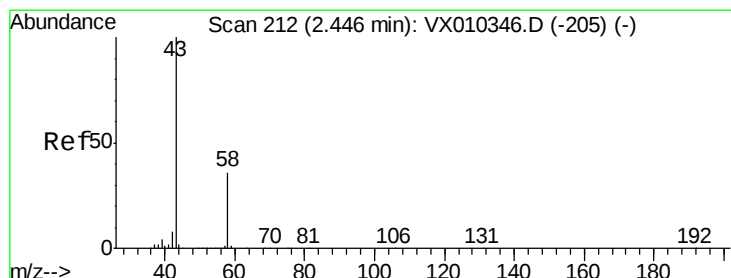
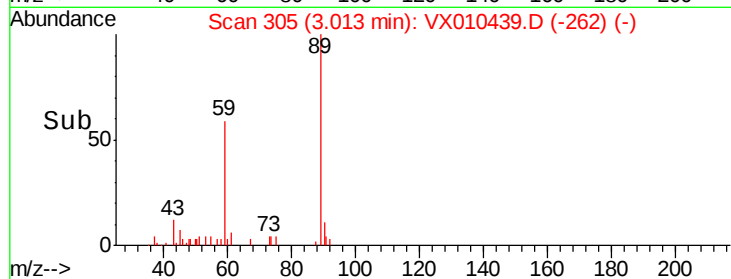
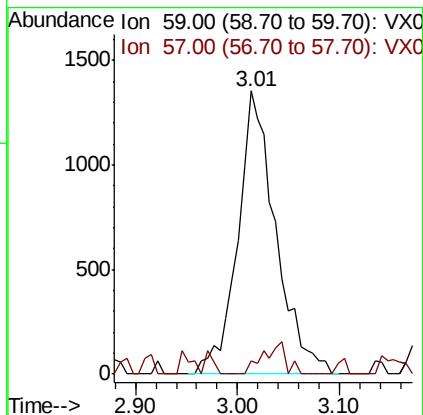
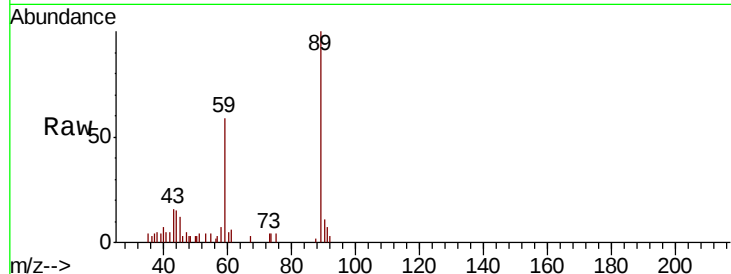


#11

Tert butyl alcohol
 Concen: 5.321 ug/l
 RT: 3.01 min Scan# 305
 Delta R.T. -0.04 min
 Lab File: VX010439.D
 Acq: 25 Jun 2019 17:28

Instrument :
 MSVOA_X
 ClientSampleId :
 SP-19-LF2MW4

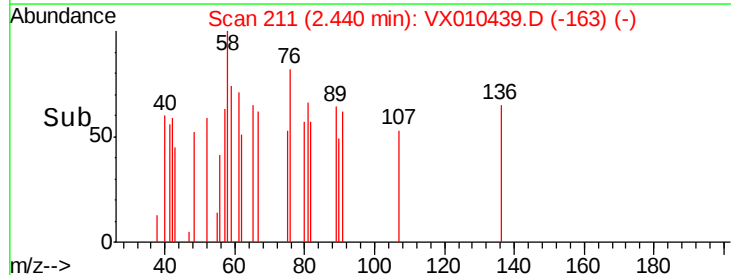
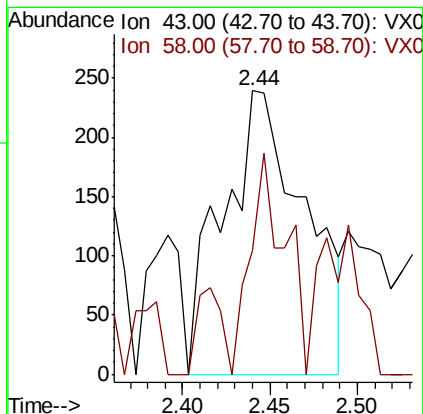
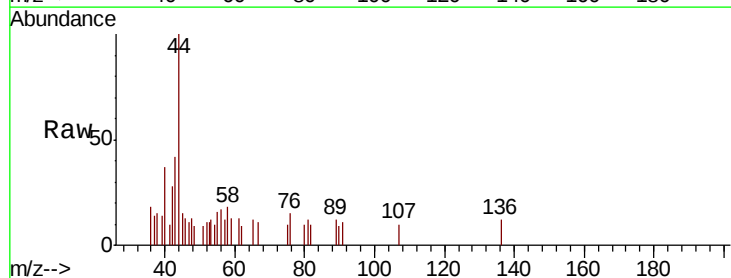
Tot Ion: 59 Resp: 3498
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.7 11.5#

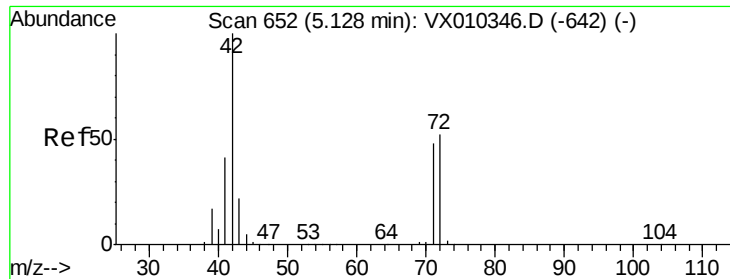


#16

Acetone
 Concen: 0.620 ug/l
 RT: 2.44 min Scan# 211
 Delta R.T. -0.01 min
 Lab File: VX010439.D
 Acq: 25 Jun 2019 17:28

Tgt Ion: 43 Resp: 781
 Ion Ratio Lower Upper
 43 100
 58 43.5 28.9 43.3#





#29

Tetrahydrofuran

Concen: 0.264 ug/l

RT: 5.14 min Scan# 654

Delta R.T. 0.01 min

Lab File: VX010439.D

Acq: 25 Jun 2019 17:28

Instrument :

MSVOA_X

ClientSampled :

SP-19-LF2MW4

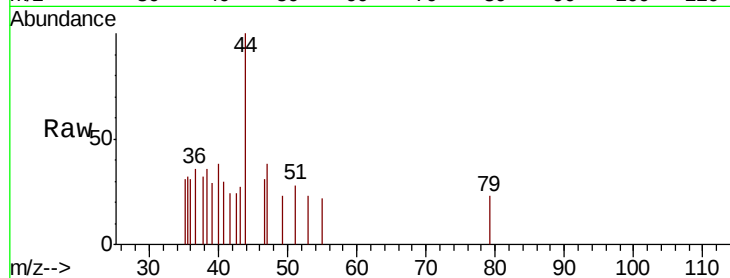
Tot Ion: 42 Resp: 302

Ion Ratio Lower Upper

42 100

72 0.0 40.6 60.8#

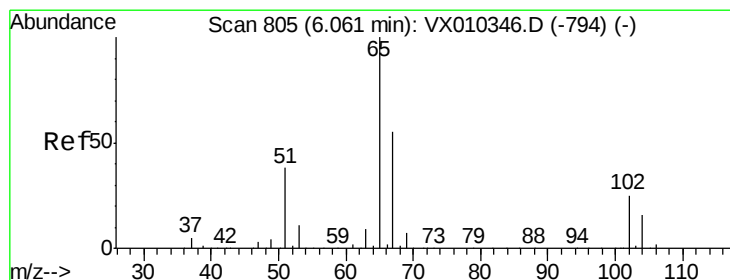
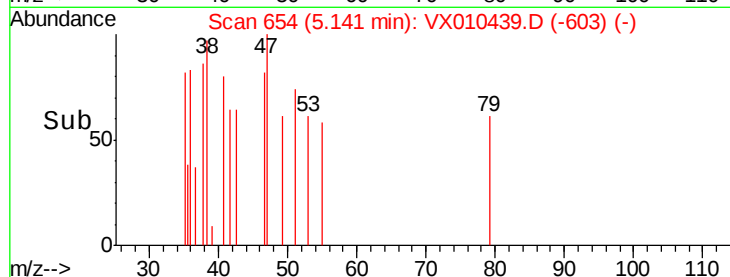
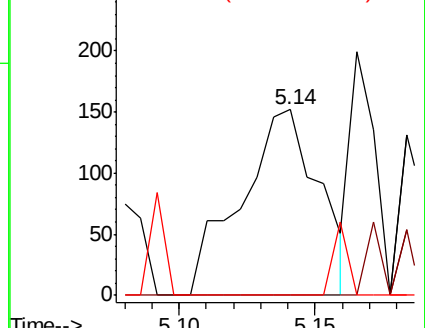
71 0.0 37.8 56.8#



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



#33

1,2-Dichloroethane-d4

Concen: 50.681 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX010439.D

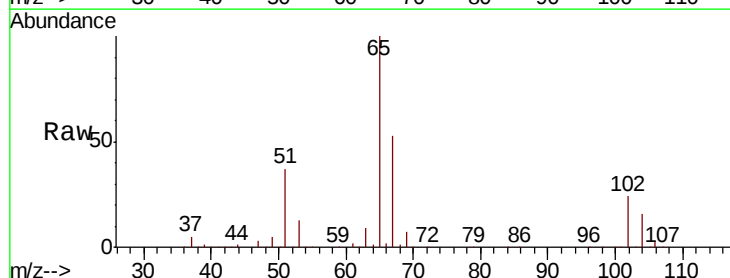
Acq: 25 Jun 2019 17:28

Tgt Ion: 65 Resp: 127329

Ion Ratio Lower Upper

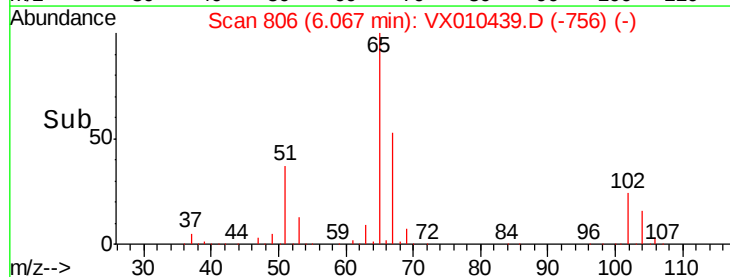
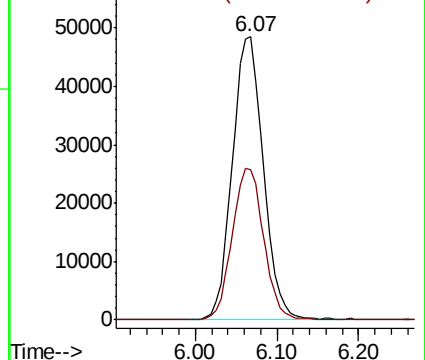
65 100

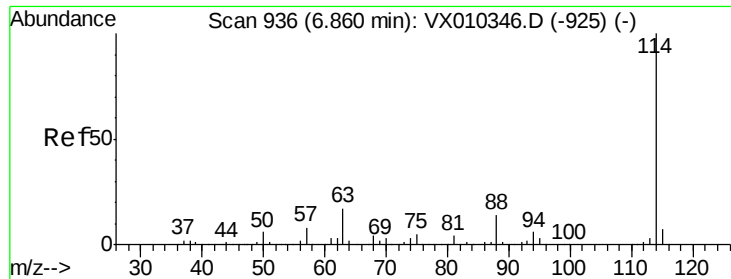
67 54.2 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

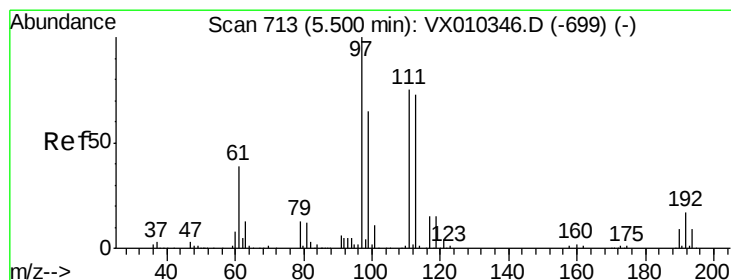
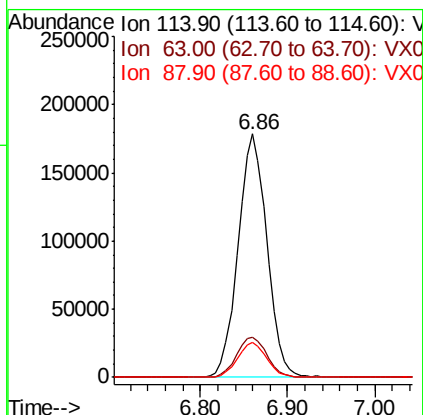
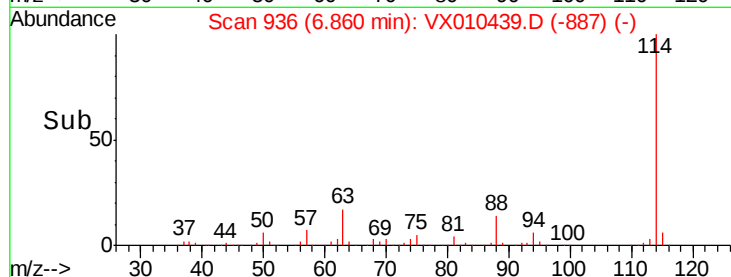
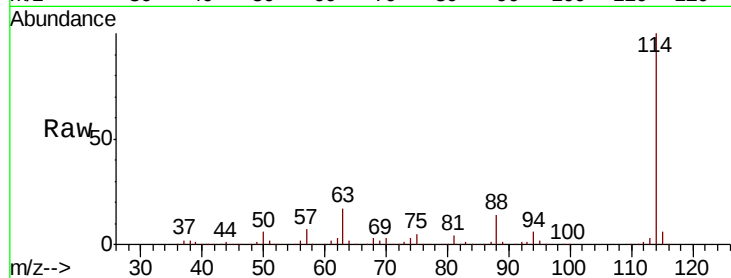




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX010439.D
Acq: 25 Jun 2019 17:28

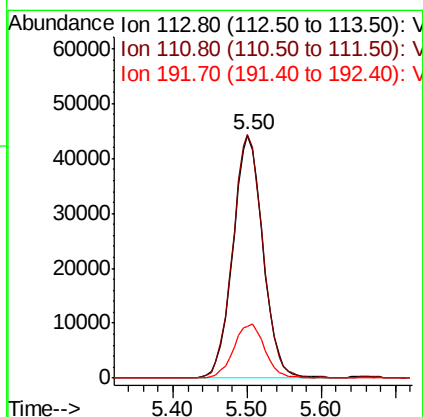
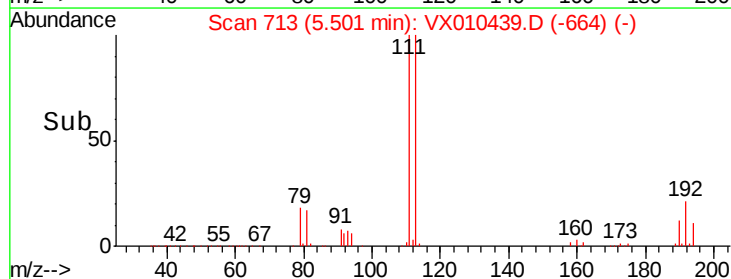
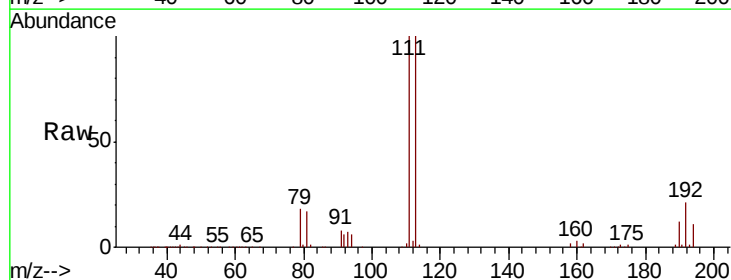
Instrument :
MSVOA_X
ClientSampleId :
SP-19-LF2MW4

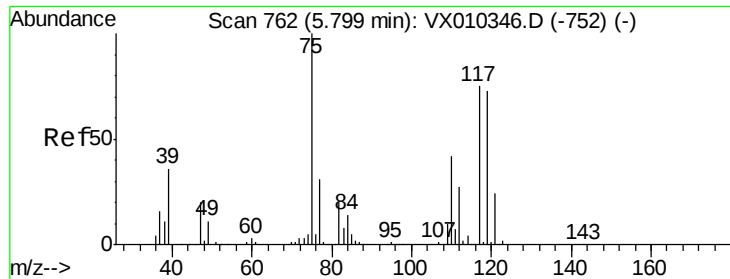
Tot Ion:114 Resp: 408785
Ion Ratio Lower Upper
114 100
63 16.6 0.0 33.8
88 14.2 0.0 27.6



#35
Dibromofluoromethane
Concen: 49.839 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX010439.D
Acq: 25 Jun 2019 17:28

Tgt Ion:113 Resp: 124652
Ion Ratio Lower Upper
113 100
111 100.9 81.2 121.8
192 23.0 18.6 27.8

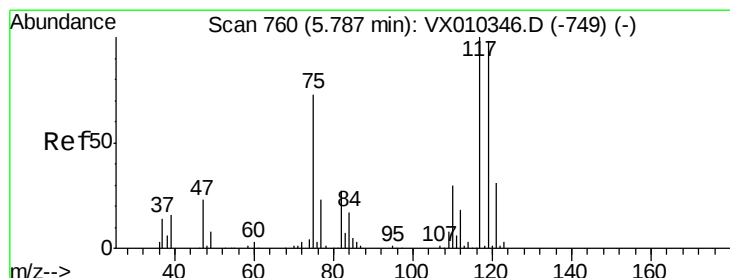
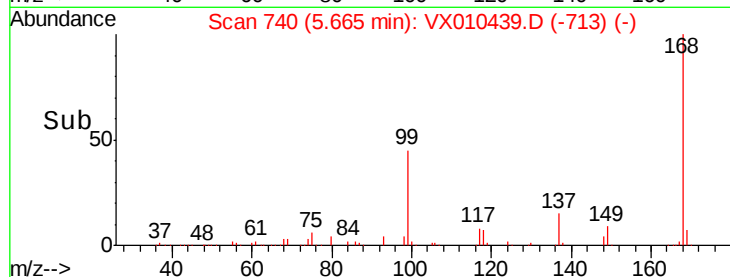
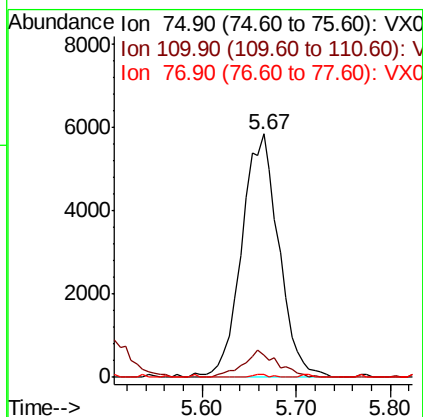
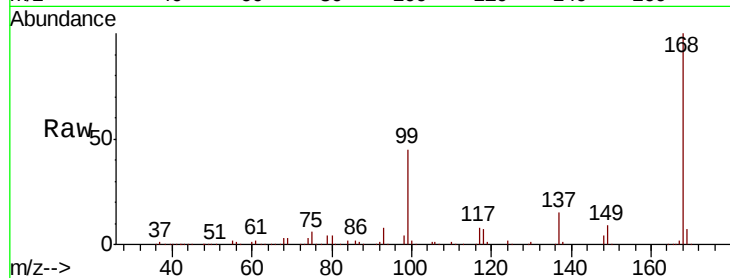




#36
 1,1-Dichloropropene
 Concen: 4.970 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX010439.D
 Acq: 25 Jun 2019 17:28

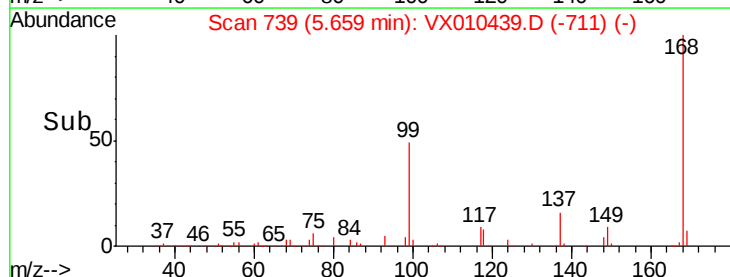
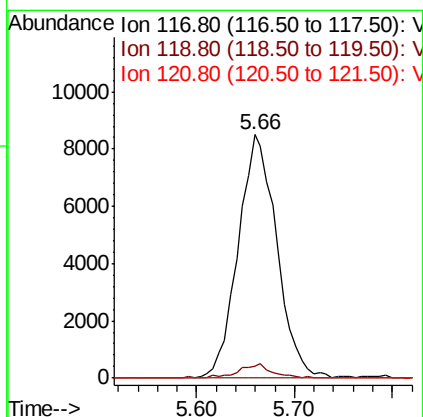
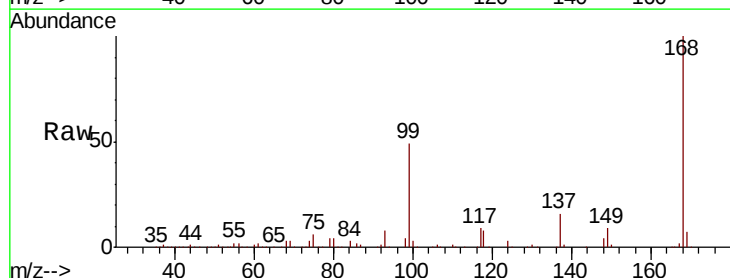
Instrument :
 MSVOA_X
 ClientSampleId :
 SP-19-LF2MW4

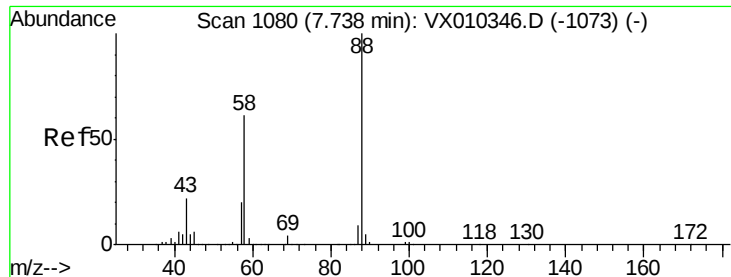
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.4	20.8	62.2#
77	0.6	25.4	38.0#



#38
 Carbon Tetrachloride
 Concen: 6.625 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.13 min
 Lab File: VX010439.D
 Acq: 25 Jun 2019 17:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.7	78.2	117.4#
121	0.0	24.7	37.1#

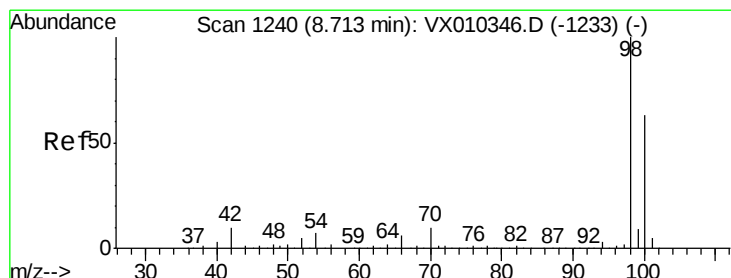
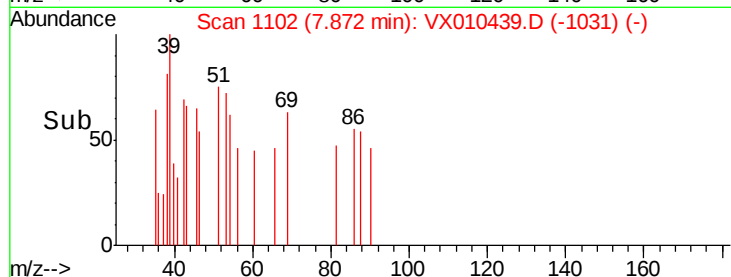
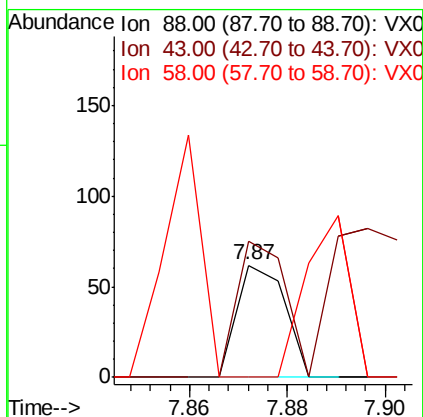
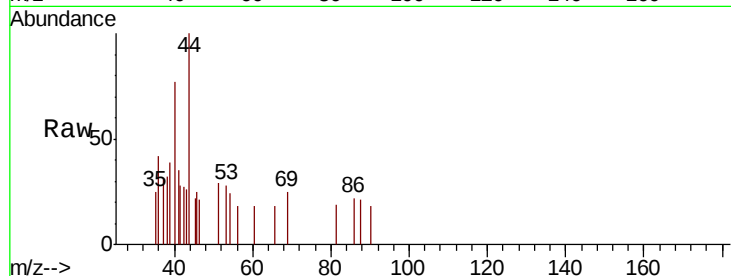




#49
1,4-Dioxane
Concen: 0.567 ug/l
RT: 7.87 min Scan# 1102
Delta R.T. 0.13 min
Lab File: VX010439.D
Acq: 25 Jun 2019 17:28

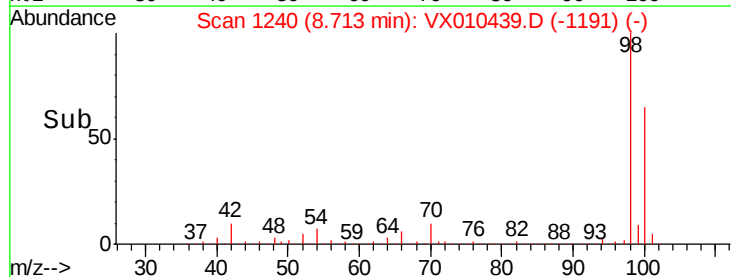
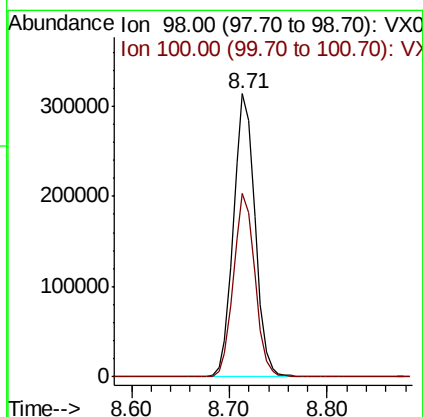
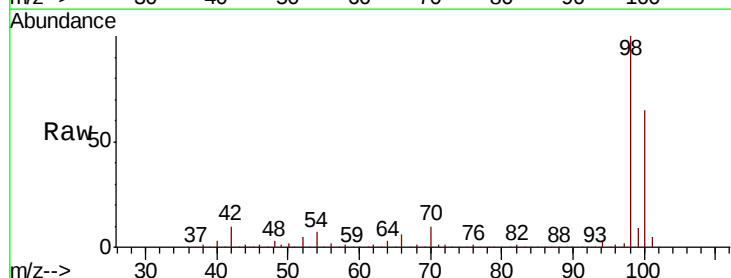
Instrument :
MSVOA_X
ClientSampleId :
SP-19-LF2MW4

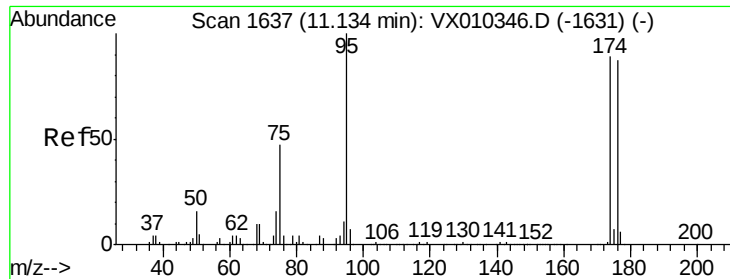
Tot Ion: 88 Resp: 42
Ion Ratio Lower Upper
88 100
43 123.8 20.2 30.2#
58 166.7 49.5 74.3#



#50
Toluene-d8
Concen: 50.354 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010439.D
Acq: 25 Jun 2019 17:28

Tgt Ion: 98 Resp: 481825
Ion Ratio Lower Upper
98 100
100 64.5 51.6 77.4

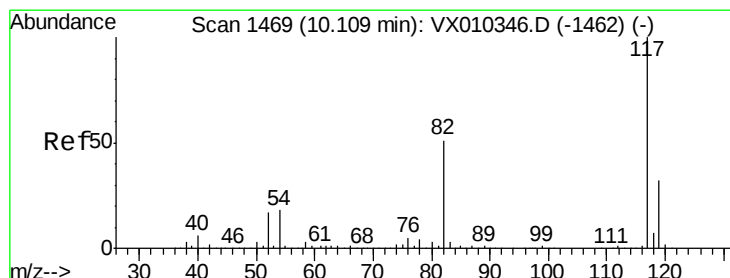
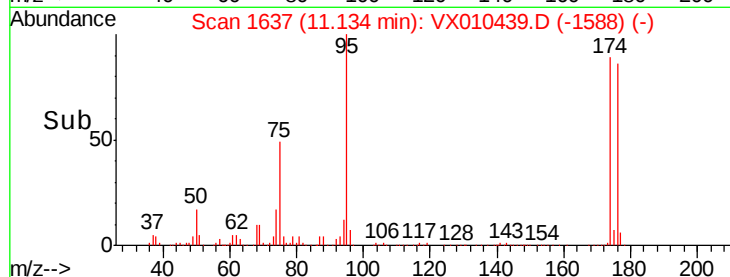
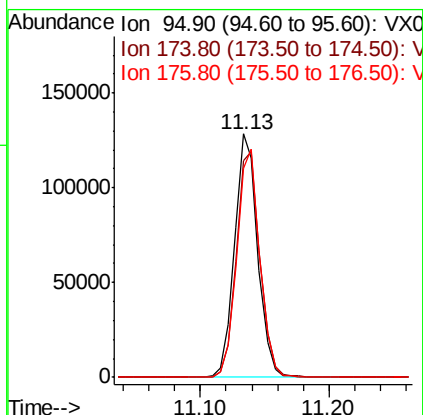
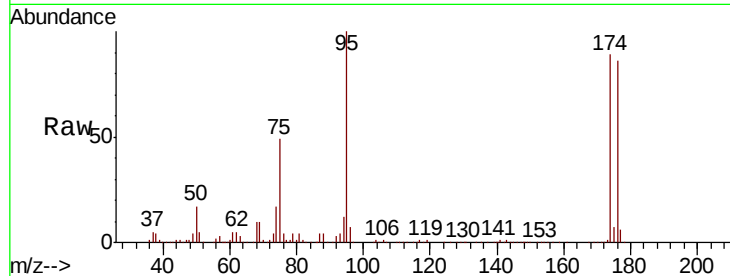




#62
4-Bromofluorobenzene
Concen: 46.565 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010439.D
Acq: 25 Jun 2019 17:28

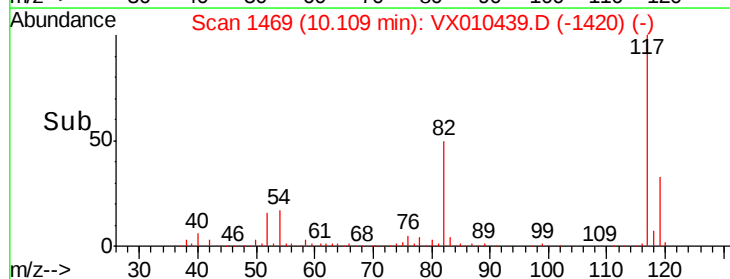
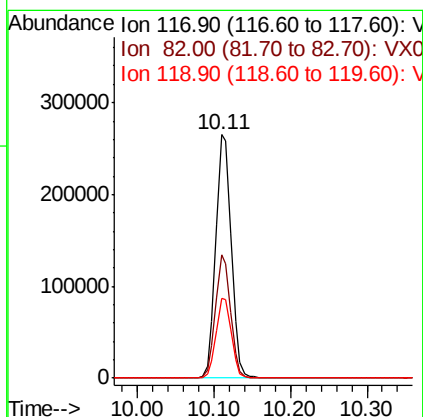
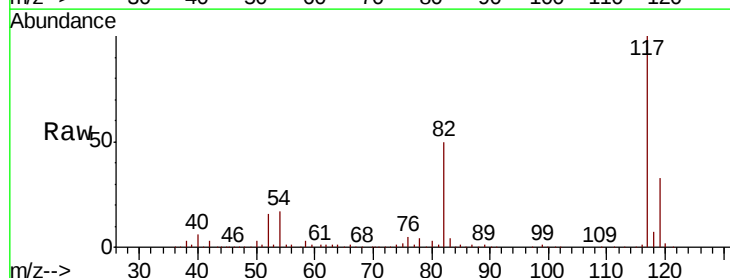
Instrument :
MSVOA_X
ClientSampleId :
SP-19-LF2MW4

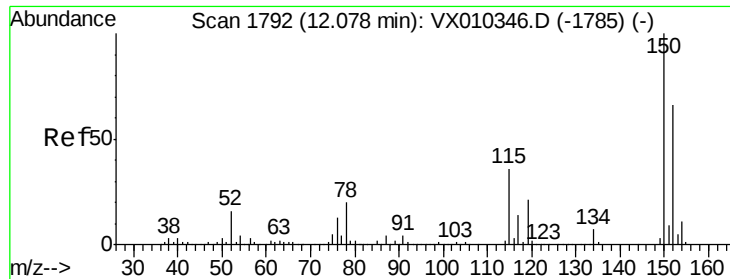
Tot Ion: 95 Resp: 160862
Ion Ratio Lower Upper
95 100
174 94.7 0.0 187.6
176 92.7 0.0 184.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010439.D
Acq: 25 Jun 2019 17:28

Tgt Ion: 117 Resp: 373180
Ion Ratio Lower Upper
117 100
82 50.4 41.2 61.8
119 32.5 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: VX010439.D

Acq: 25 Jun 2019 17:28

Instrument :

MSVOA_X

ClientSampleId :

SP-19-LF2MW4

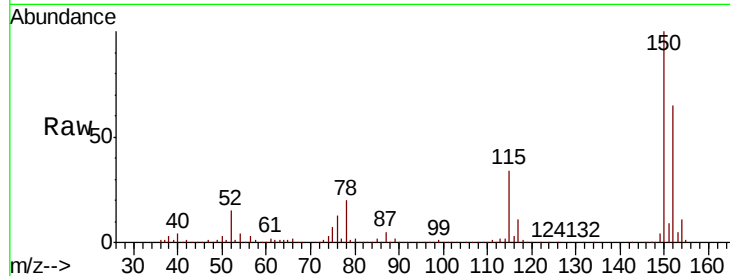
Tot Ion:152 Resp: 172016

Ion Ratio Lower Upper

152 100

115 53.9 38.6 115.7

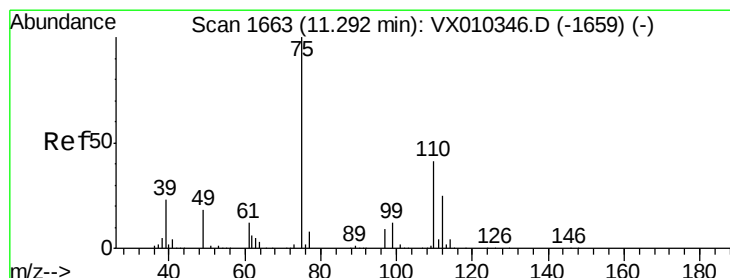
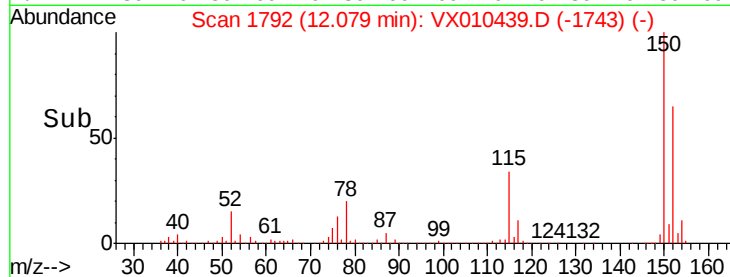
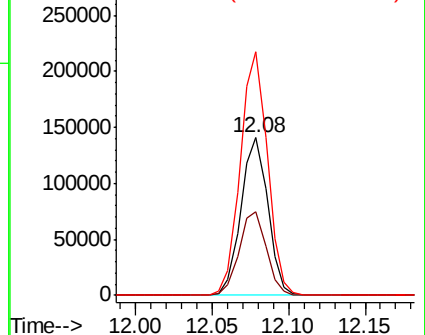
150 155.4 0.0 347.4



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: 24.438 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010439.D

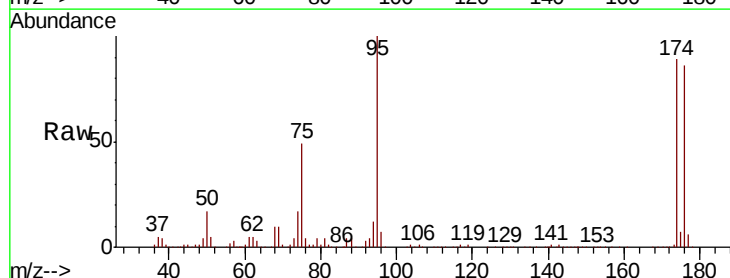
Acq: 25 Jun 2019 17:28

Tgt Ion: 75 Resp: 76602

Ion Ratio Lower Upper

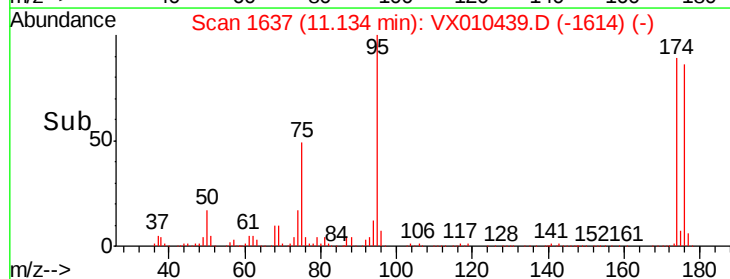
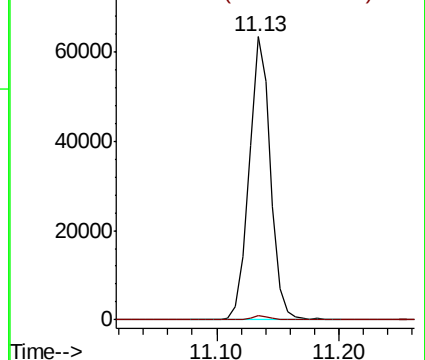
75 100

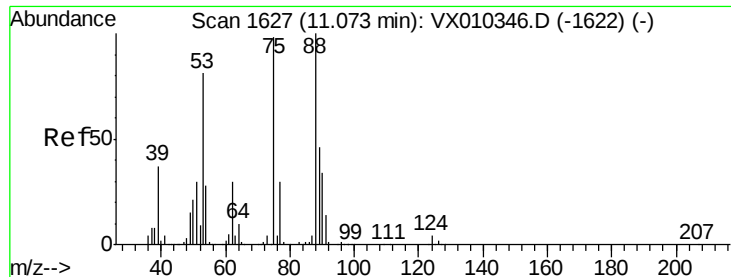
77 1.4 22.6 67.8#



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: 57.011 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX010439.D
 Acq: 25 Jun 2019 17:28

Instrument :
 MSVOA_X
 ClientSampleId :
 SP-19-LF2MW4

Tot Ion: 75 Resp: 76602
 Ion Ratio Lower Upper
 75 100
 53 0.2 66.1 99.1#
 89 0.2 37.8 56.6#

