

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082119\
 Data File : VX011722.D
 Acq On : 21 Aug 2019 09:37
 Operator : JC/SP
 Sample : VX0821MBL01
 Misc : 5.0g/10mL/100uL/10mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821MBL01

Quant Time: Aug 21 13:29:17 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	357364	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	464862	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	416470	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	217843	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	181599	54.80	ug/l	0.00
Spiked Amount			Recovery	=	109.60%	
35) Dibromofluoromethane	5.49	113	152983	50.32	ug/l	0.00
Spiked Amount			Recovery	=	100.64%	
50) Toluene-d8	8.71	98	565591	59.70	ug/l	0.00
Spiked Amount			Recovery	=	119.40%	
62) 4-Bromofluorobenzene	11.13	95	200767	50.21	ug/l	0.00
Spiked Amount			Recovery	=	100.42%	

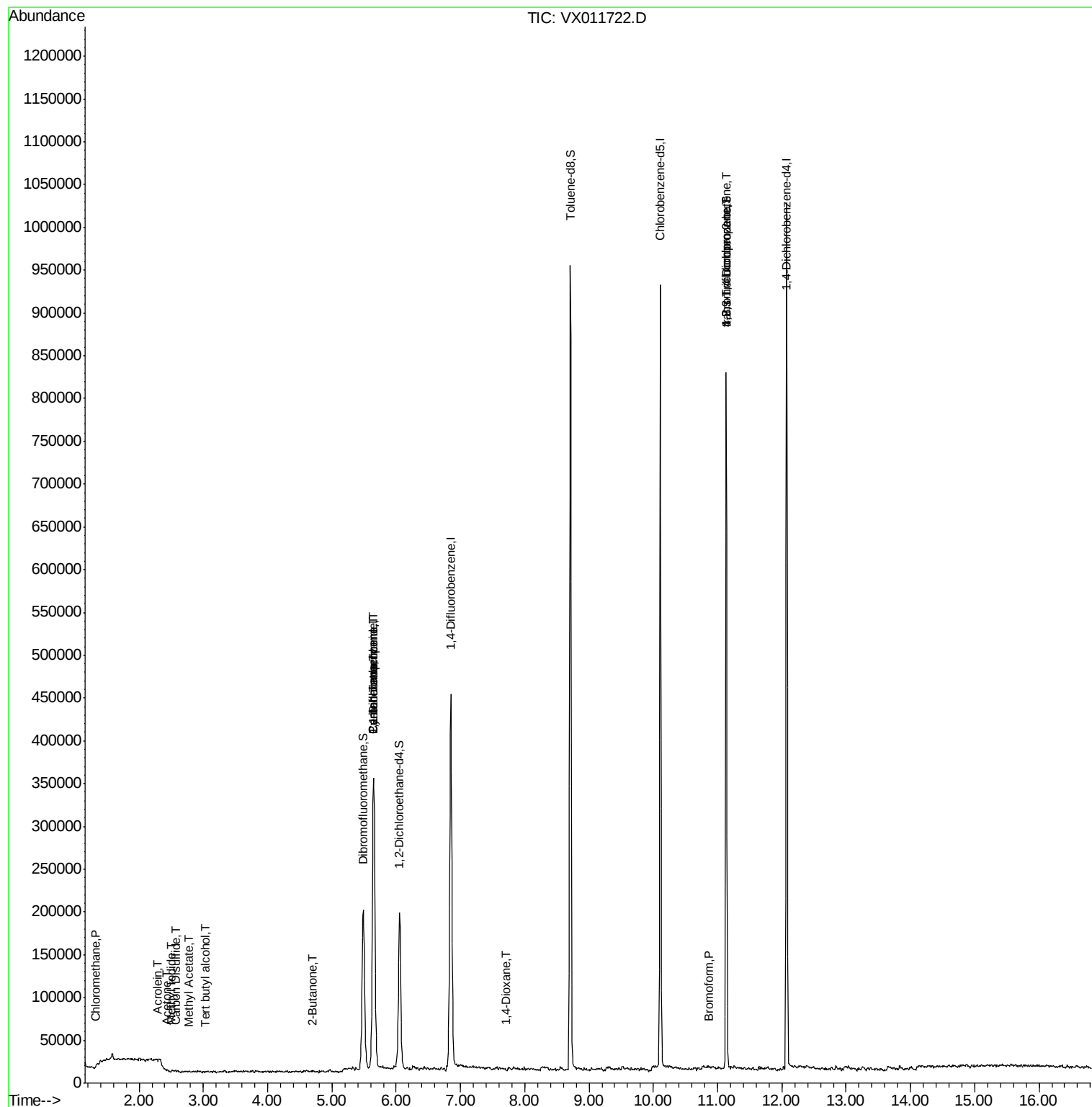
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	762	0.209	ug/l #	69
10) Methyl Iodide	2.50	142	932	0.207	ug/l #	41
11) Tert butyl alcohol	3.03	59	249	0.306	ug/l #	71
13) Acrolein	2.28	56	127	12.667	ug/l #	15
16) Acetone	2.44	43	1222	0.733	ug/l #	43
17) Carbon Disulfide	2.56	76	1749	0.244	ug/l #	72
18) Methyl Acetate	2.77	43	1214	0.235	ug/l	93
25) 2-Butanone	4.68	43	551	0.211	ug/l #	82
31) Cyclohexane	5.64	56	5227	1.064	ug/l #	1
36) 1,1-Dichloropropene	5.65	75	21971	5.528	ug/l #	50
38) Carbon Tetrachloride	5.65	117	32370	7.392	ug/l #	16
49) 1,4-Dioxane	7.72	88	131	1.394	ug/l #	83
71) Bromoform	10.86	173	187	3.346	ug/l #	28
76) 1,2,3-Trichloropropane	11.13	75	96491	23.359	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.13	75	96491	62.086	ug/l #	11

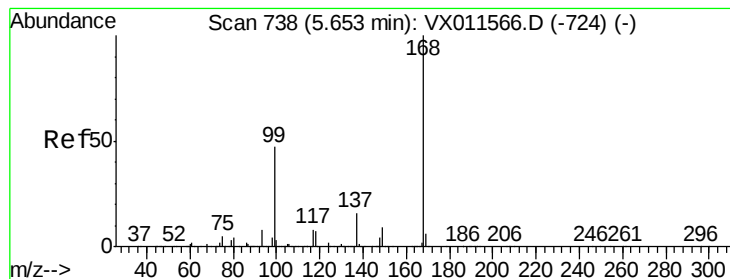
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX082119\
Data File : VX011722.D
Acq On : 21 Aug 2019 09:37
Operator : JC/SP
Sample : VX0821MBL01
Misc : 5.0µL/10mL/100µL/10mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleID :
VX0821MBL01

Quant Time: Aug 21 13:29:17 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 16 04:15:26 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 737

Delta R.T. -0.01 min

Lab File: VX011722.D

Acq: 21 Aug 2019 09:37

Instrument :

MSVOA_X

ClientSampleId :

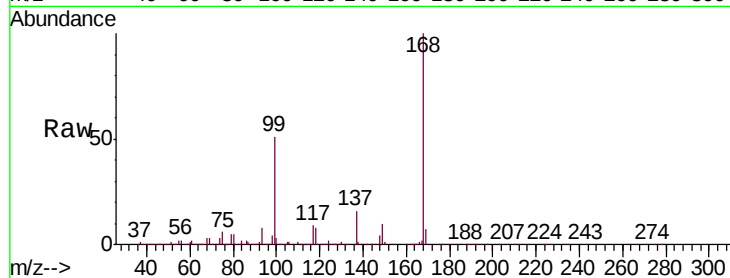
VX0821MBL01

Tot Ion:168 Resp: 357364

Ion Ratio Lower Upper

168 100

99 50.5 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

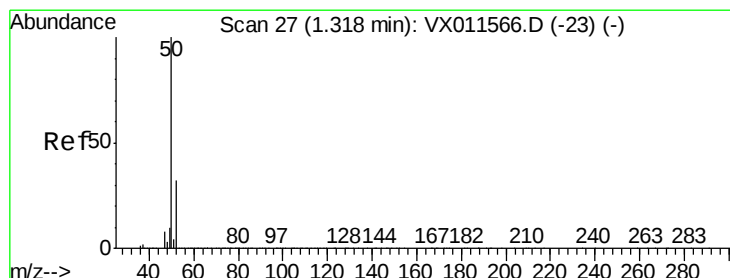
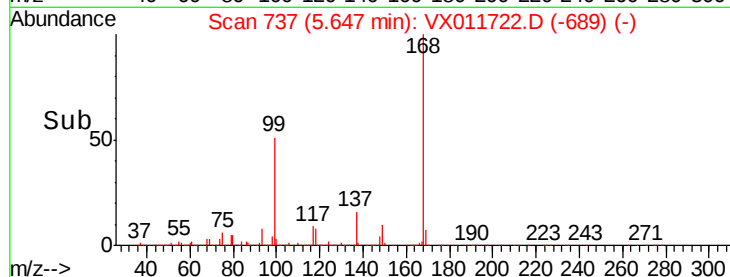
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.209 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011722.D

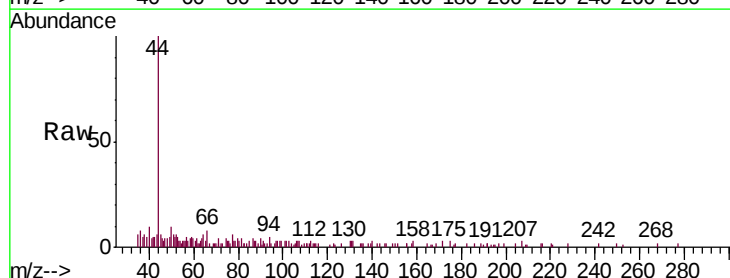
Acq: 21 Aug 2019 09:37

Tgt Ion: 50 Resp: 762

Ion Ratio Lower Upper

50 100

52 50.1 26.0 39.0#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

400

300

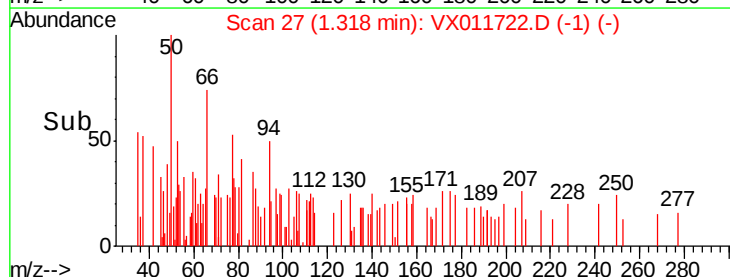
200

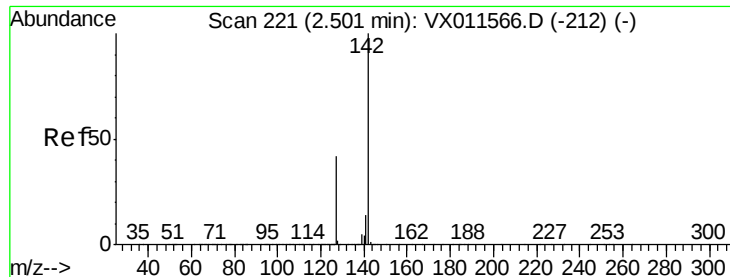
100

0

Time-->

1.28 1.30 1.32 1.34 1.36

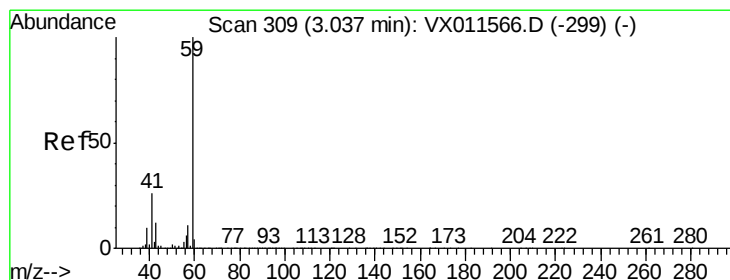
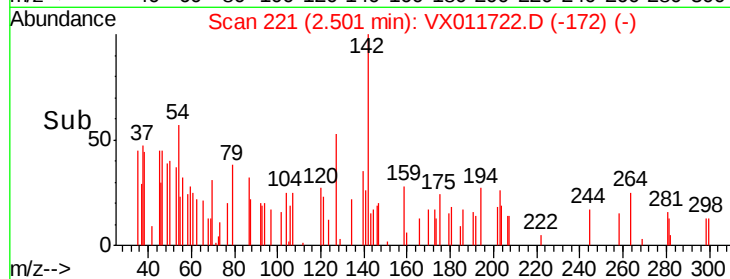
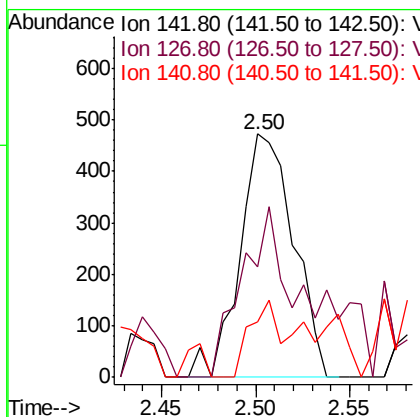
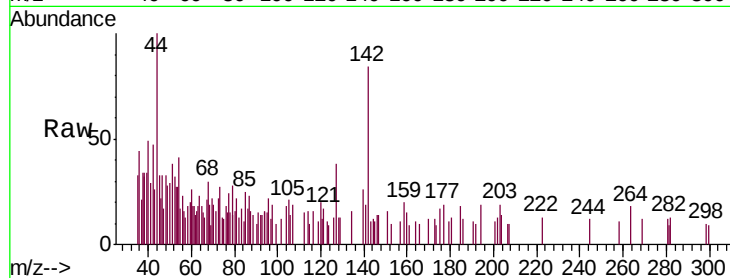




#10
Methvl Iodide
Concen: 0.207 ug/l
RT: 2.50 min Scan# 221
Delta R.T. 0.00 min
Lab File: VX011722.D
Acq: 21 Aug 2019 09:37

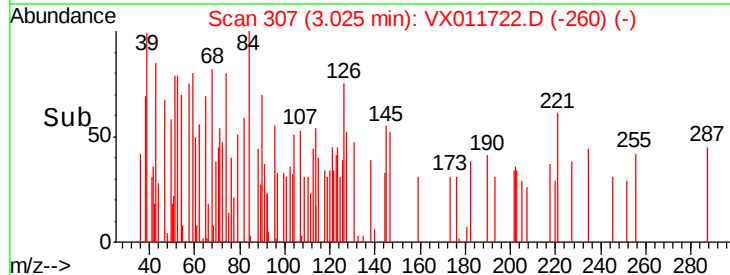
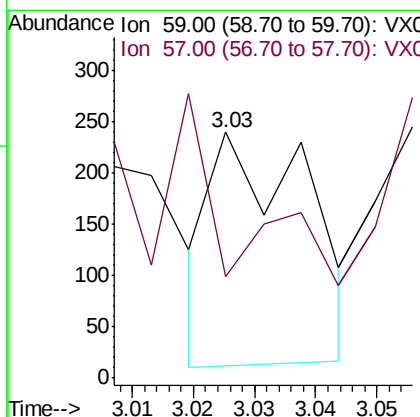
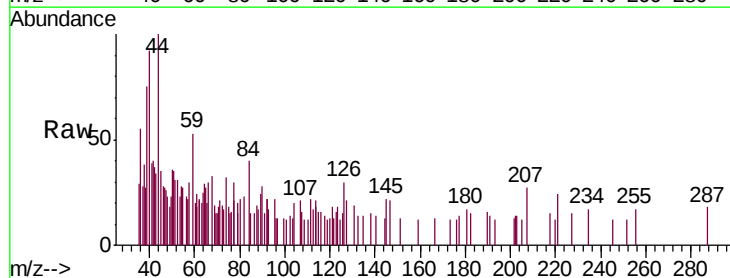
Instrument :
MSVOA_X
ClientSampleId :
VX0821MBL01

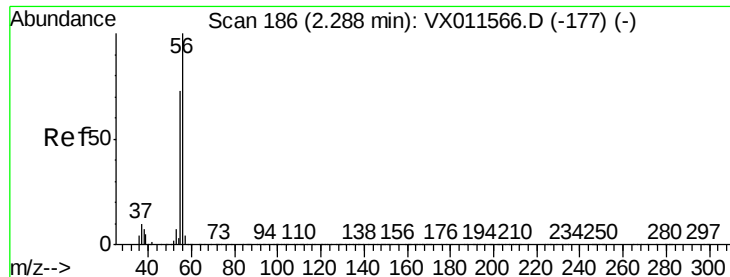
Tot Ion:142 Resp: 932
Ion Ratio Lower Upper
142 100
127 88.0 32.8 49.2#
141 19.8 11.4 17.2#



#11
Tert butyl alcohol
Concen: 0.306 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX011722.D
Acq: 21 Aug 2019 09:37

Tgt Ion: 59 Resp: 249
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#





#13

Acrolein

Concen: 12.667 ug/l

RT: 2.28 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX011722.D

Acq: 21 Aug 2019 09:37

Instrument :

MSVOA_X

ClientSampled :

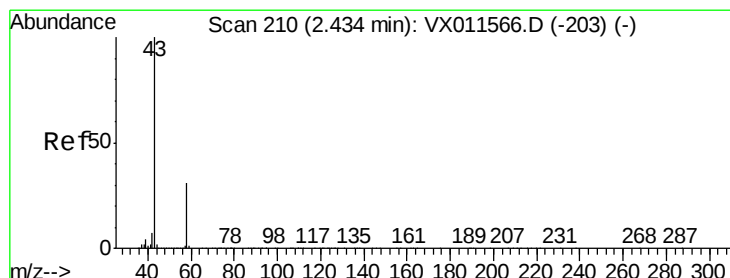
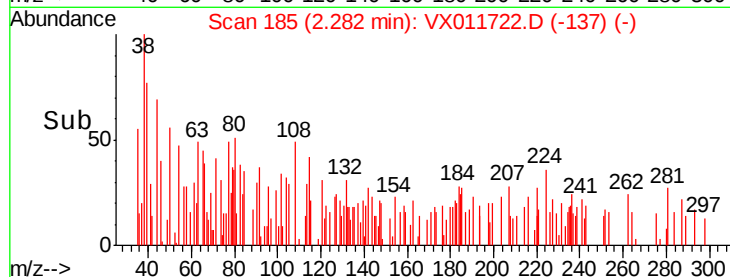
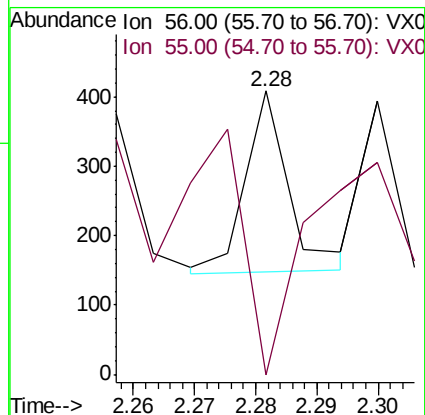
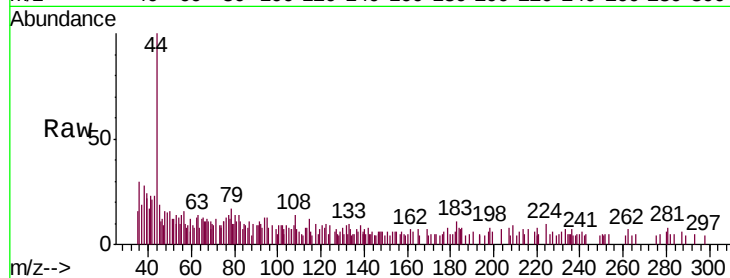
VX0821MBL01

Tot Ion: 56 Resp: 127

Ion Ratio Lower Upper

56 100

55 0.0 55.5 83.3#



#16

Acetone

Concen: 0.733 ug/l

RT: 2.44 min Scan# 211

Delta R.T. 0.01 min

Lab File: VX011722.D

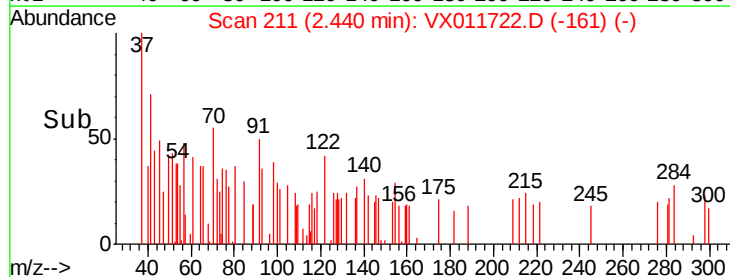
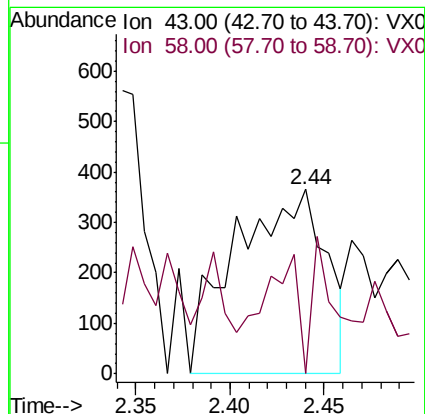
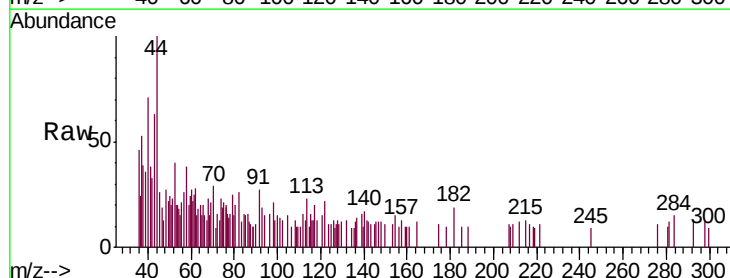
Acq: 21 Aug 2019 09:37

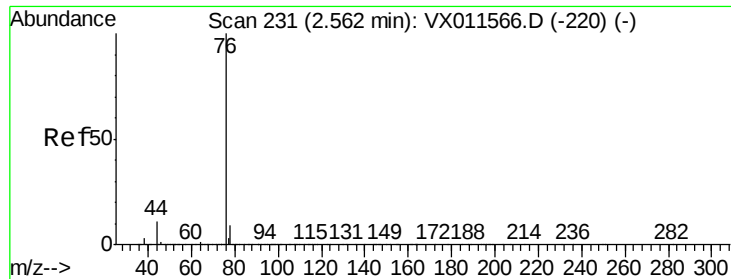
Tgt Ion: 43 Resp: 1222

Ion Ratio Lower Upper

43 100

58 0.0 25.2 37.8#

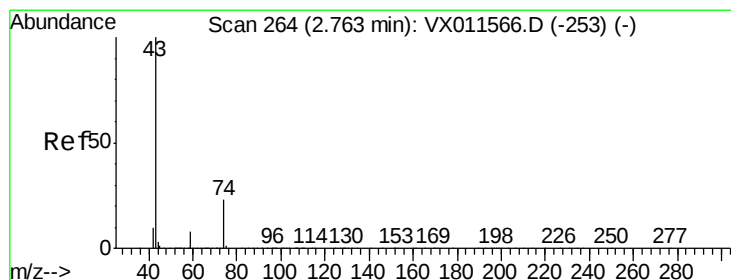
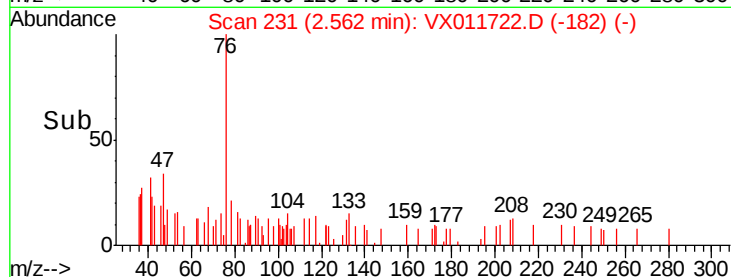
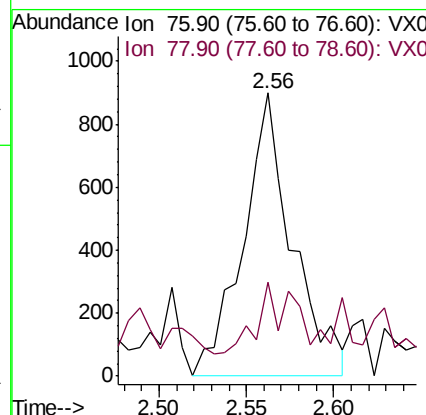
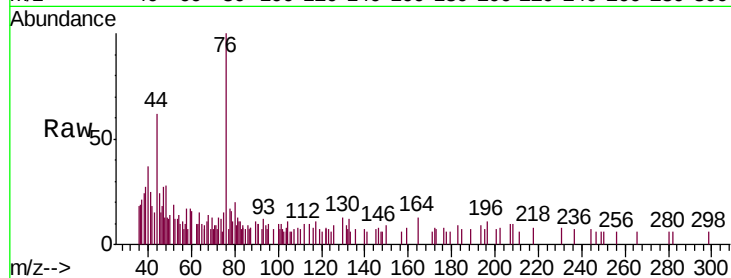




#17
Carbon Disulfide
Concen: 0.244 ug/l
RT: 2.56 min Scan# 231
Delta R.T. 0.00 min
Lab File: VX011722.D
Acq: 21 Aug 2019 09:37

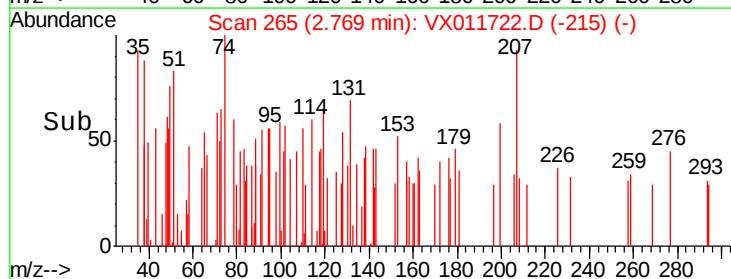
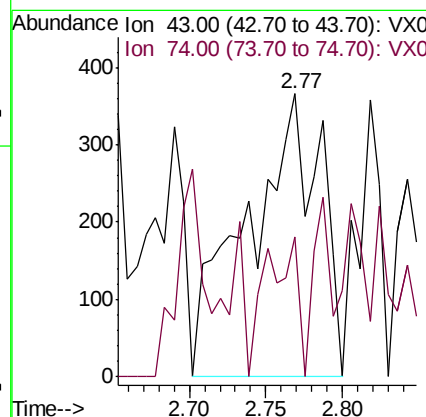
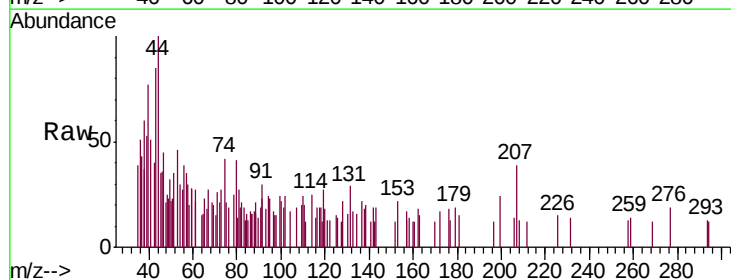
Instrument :
MSVOA_X
ClientSampleId :
VX0821MBL01

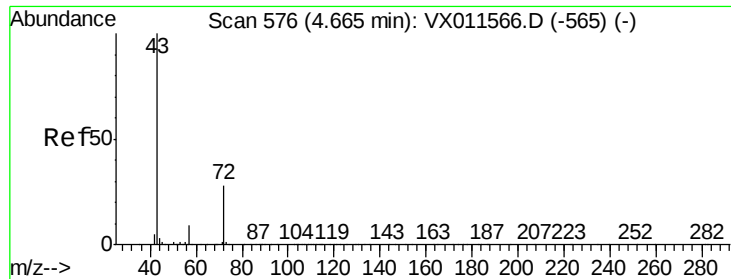
Tot Ion: 76 Resp: 1749
Ion Ratio Lower Upper
76 100
78 19.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.235 ug/l
RT: 2.77 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX011722.D
Acq: 21 Aug 2019 09:37

Tgt Ion: 43 Resp: 1214
Ion Ratio Lower Upper
43 100
74 21.2 19.7 29.5





#25

2-Butanone

Concen: 0.211 ug/l

RT: 4.68 min Scan# 579

Delta R.T. 0.02 min

Lab File: VX011722.D

Acq: 21 Aug 2019 09:37

Instrument :

MSVOA_X

ClientSampleId :

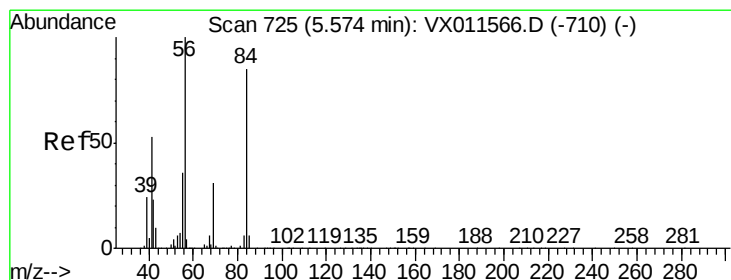
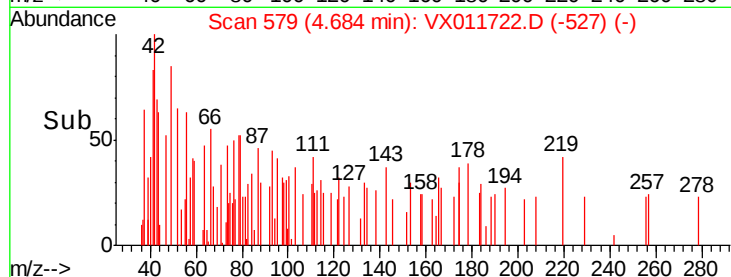
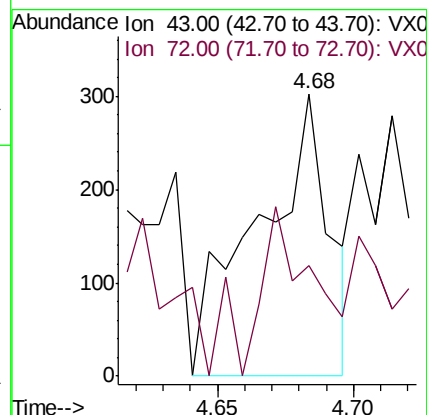
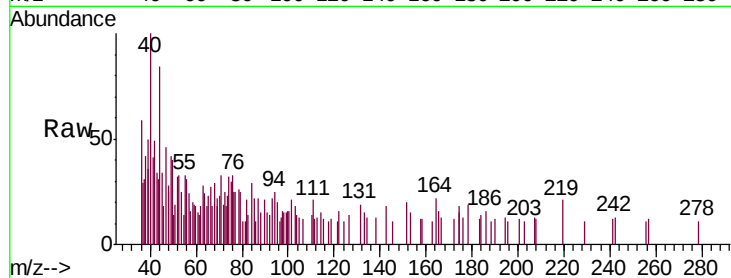
VX0821MBL01

Tot Ion: 43 Resp: 551

Ion Ratio Lower Upper

43 100

72 18.2 22.2 33.4#



#31

Cyclohexane

Concen: 1.064 ug/l

RT: 5.64 min Scan# 736

Delta R.T. 0.07 min

Lab File: VX011722.D

Acq: 21 Aug 2019 09:37

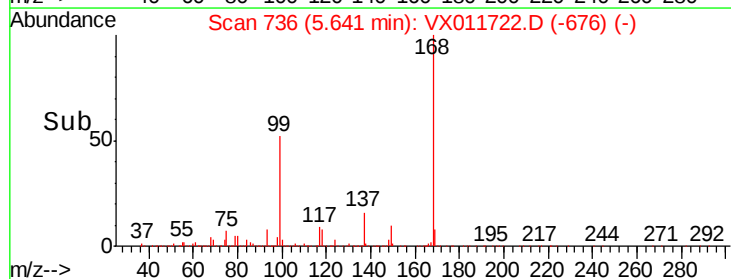
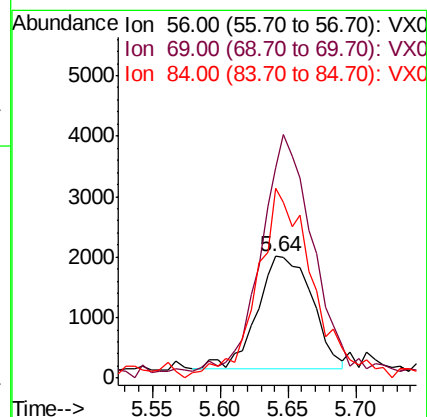
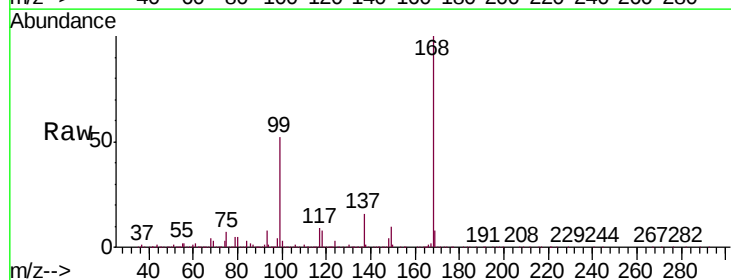
Tgt Ion: 56 Resp: 5227

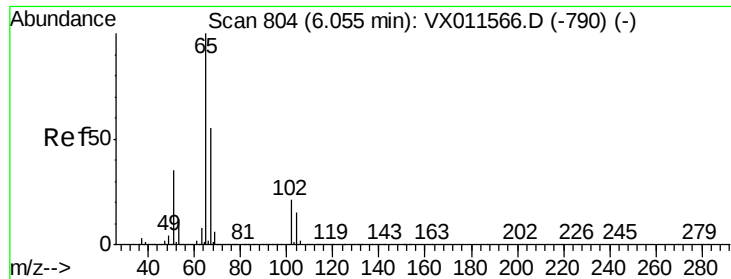
Ion Ratio Lower Upper

56 100

69 182.1 24.8 37.2#

84 163.4 67.9 101.9#





#33

1,2-Dichloroethane-d4

Concen: 54.796 ug/l

RT: 6.05 min Scan# 803

Delta R.T. -0.01 min

Lab File: VX011722.D

Acq: 21 Aug 2019 09:37

Instrument :

MSVOA_X

ClientSampleId :

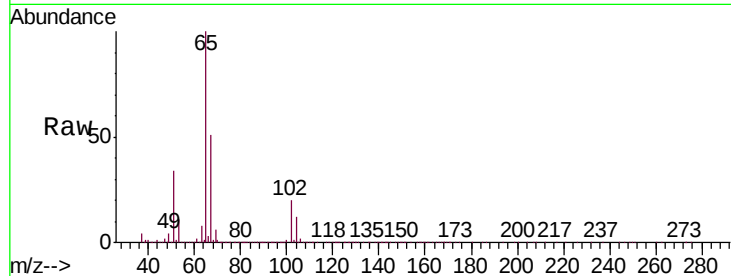
VX0821MBL01

Tot Ion: 65 Resp: 181599

Ion Ratio Lower Upper

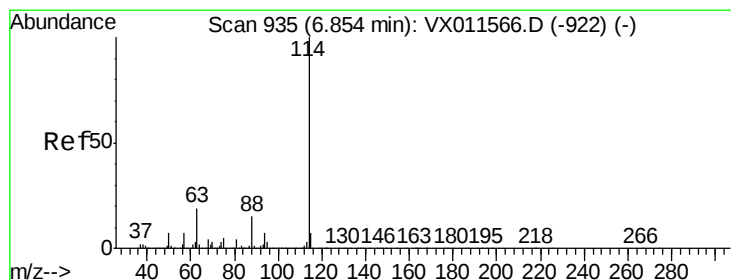
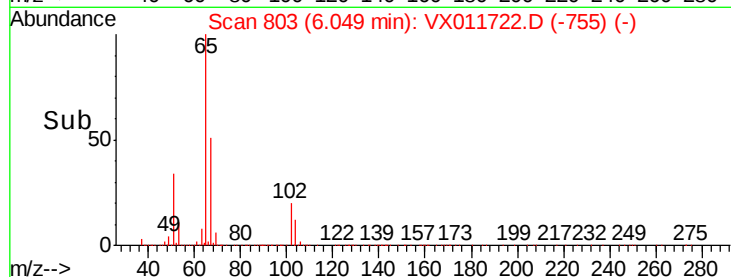
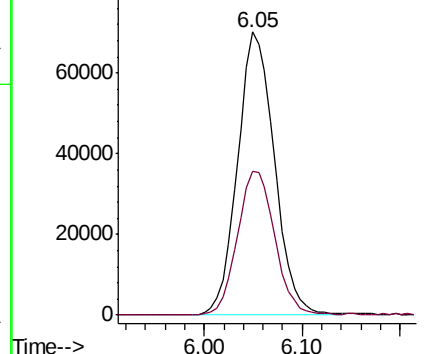
65 100

67 51.9 0.0 107.6



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: 6.85 min Scan# 934

Delta R.T. -0.01 min

Lab File: VX011722.D

Acq: 21 Aug 2019 09:37

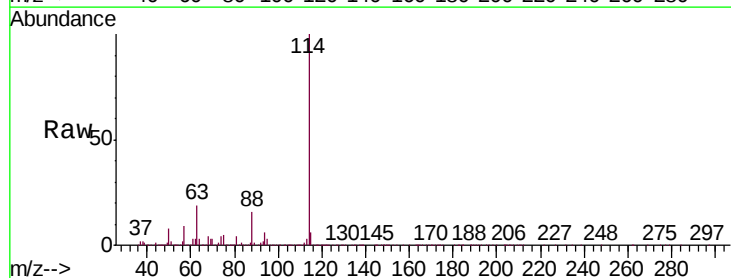
Tgt Ion: 114 Resp: 464862

Ion Ratio Lower Upper

114 100

63 18.6 0.0 37.8

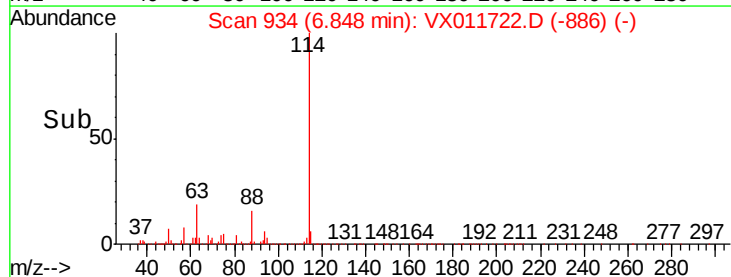
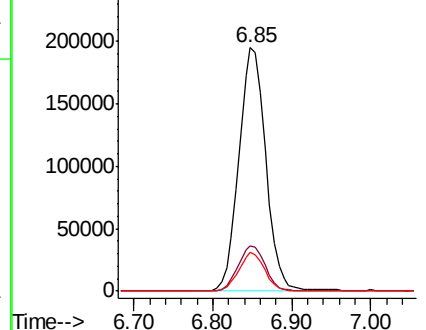
88 15.8 0.0 30.2

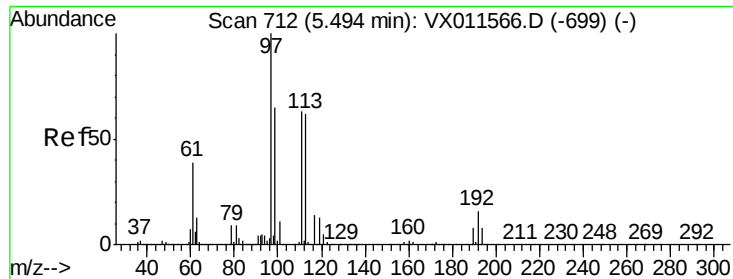


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

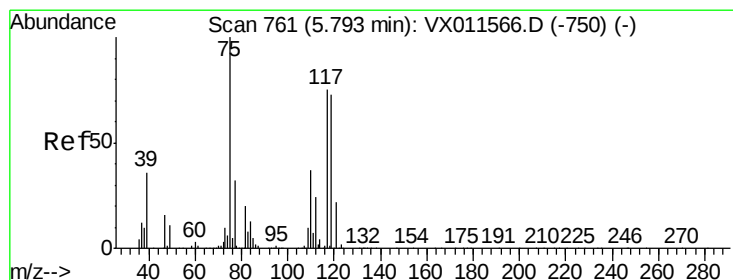
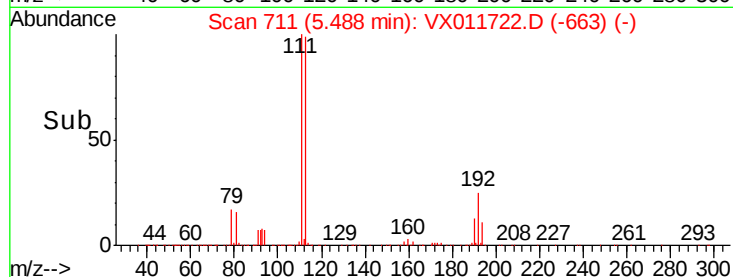
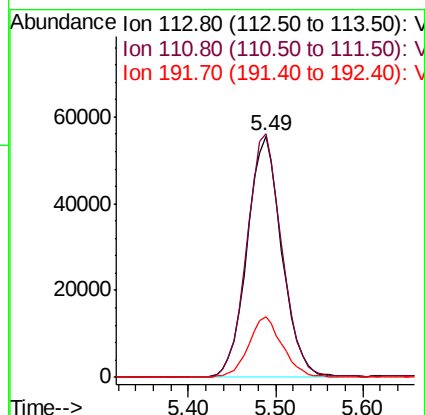
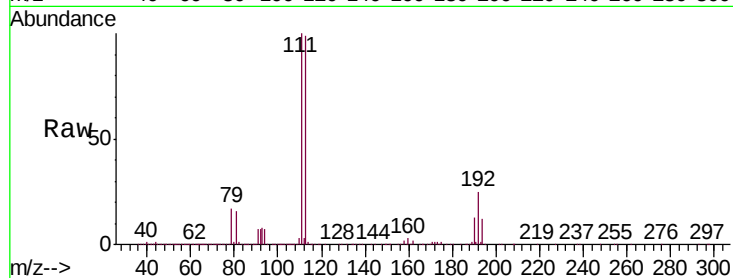




#35
 Dibromofluoromethane
 Concen: 50.315 ug/l
 RT: 5.49 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: VX011722.D
 Acq: 21 Aug 2019 09:37

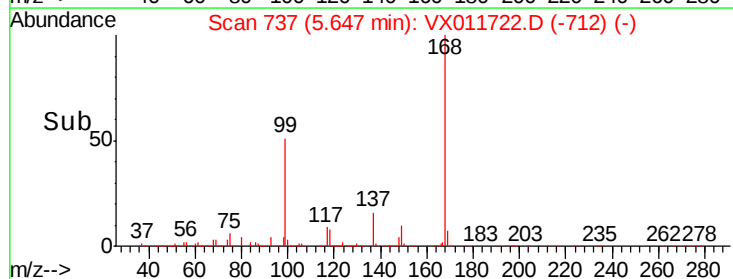
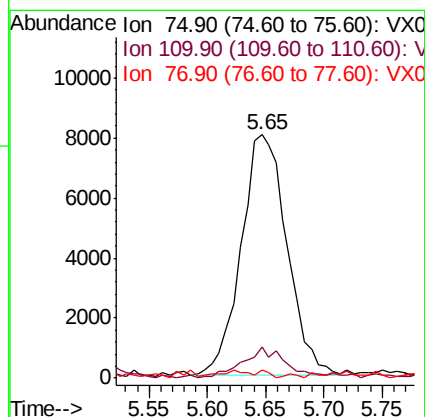
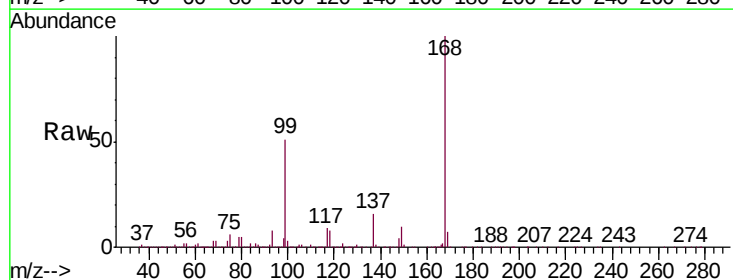
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821MBL01

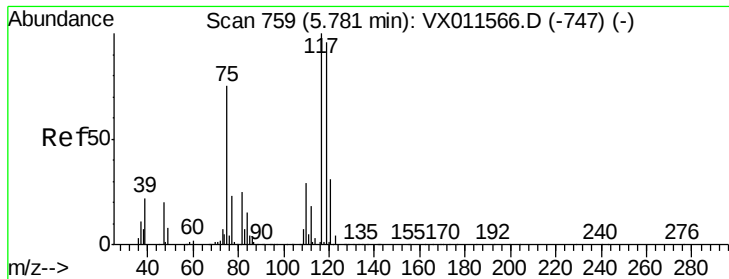
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.1	121.7
192	24.6	20.8	31.2



#36
 1,1-Dichloropropene
 Concen: 5.528 ug/l
 RT: 5.65 min Scan# 737
 Delta R.T. -0.15 min
 Lab File: VX011722.D
 Acq: 21 Aug 2019 09:37

Tgt Ion	Ratio	Lower	Upper
75	100		
110	12.1	19.4	58.1#
77	0.0	25.1	37.7#





#38

Carbon Tetrachloride

Concen: 7.392 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.13 min

Lab File: VX011722.D

Acq: 21 Aug 2019 09:37

Instrument :

MSVOA_X

ClientSampleId :

VX0821MBL01

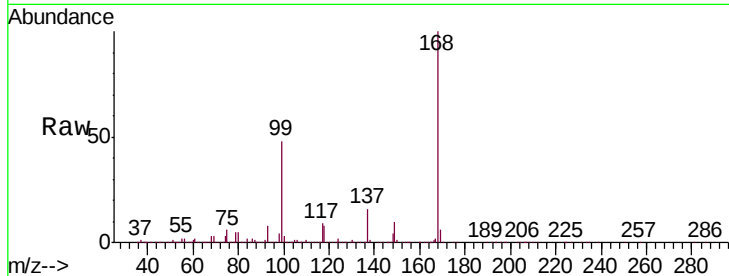
Tot Ion:117 Resp: 32370

Ion Ratio Lower Upper

117 100

119 4.6 76.9 115.3#

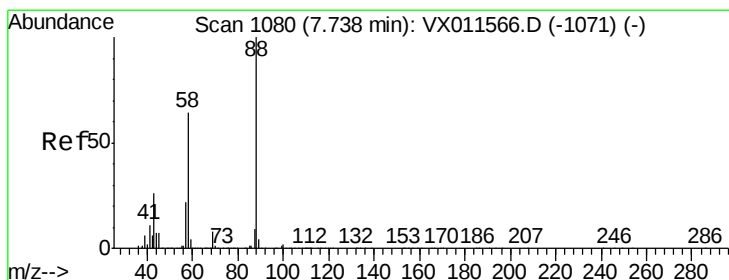
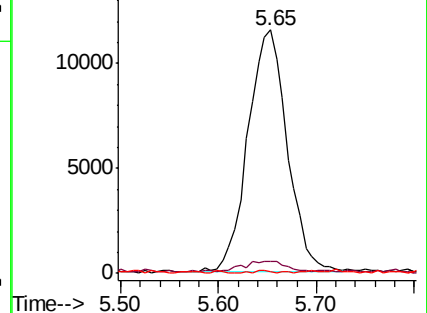
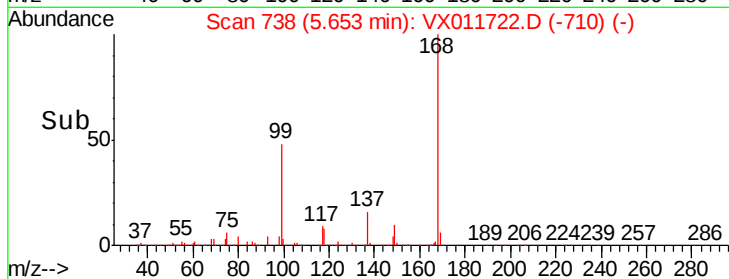
121 0.2 24.8 37.2#



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: 1.394 ug/l

RT: 7.72 min Scan# 1077

Delta R.T. -0.02 min

Lab File: VX011722.D

Acq: 21 Aug 2019 09:37

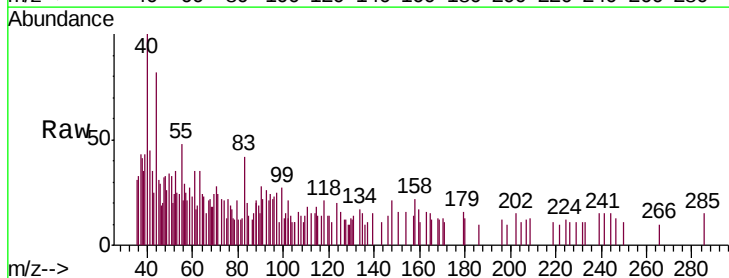
Tgt Ion: 88 Resp: 131

Ion Ratio Lower Upper

88 100

43 0.0 23.4 35.0#

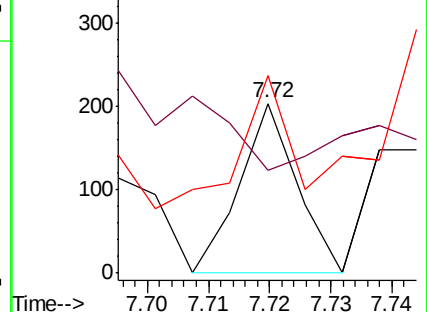
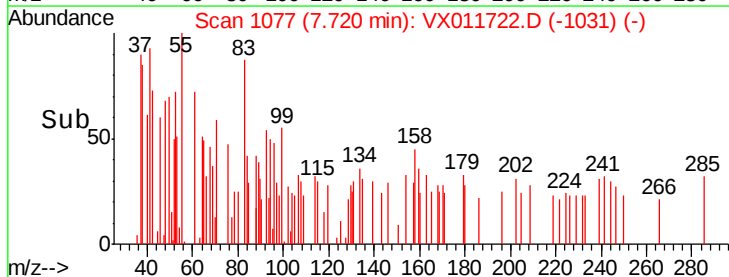
58 67.2 54.3 81.5

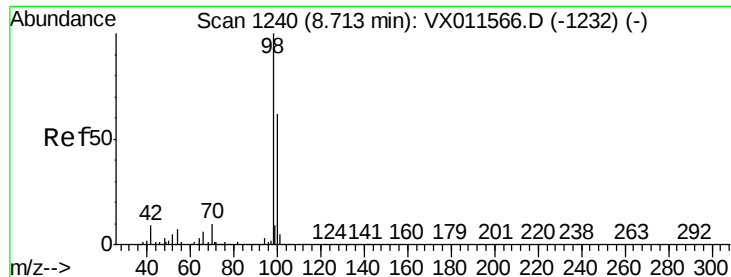


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 59.701 ug/l

RT: 8.71 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VX011722.D

Acq: 21 Aug 2019 09:37

Instrument :

MSVOA_X

ClientSampleId :

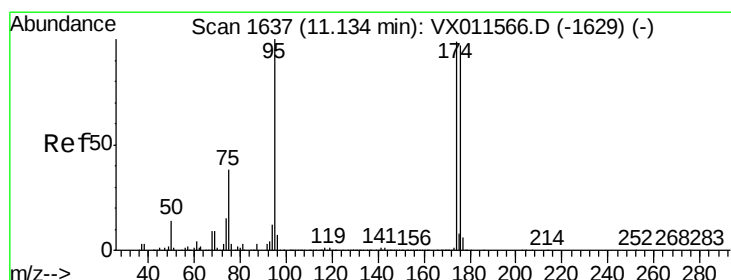
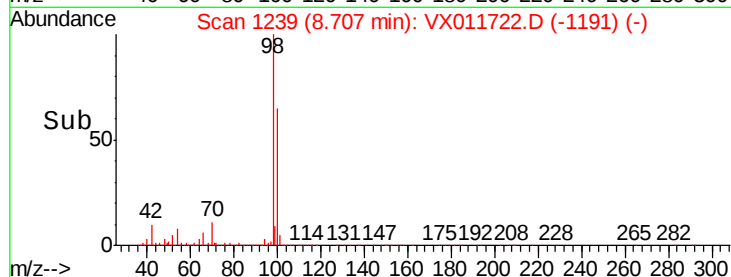
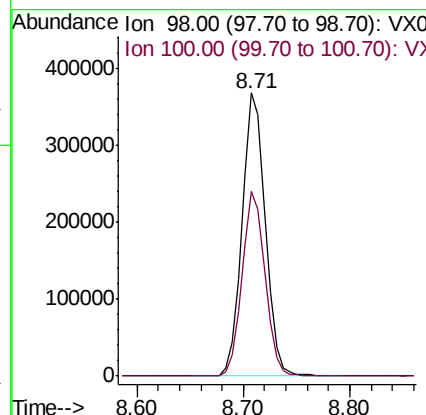
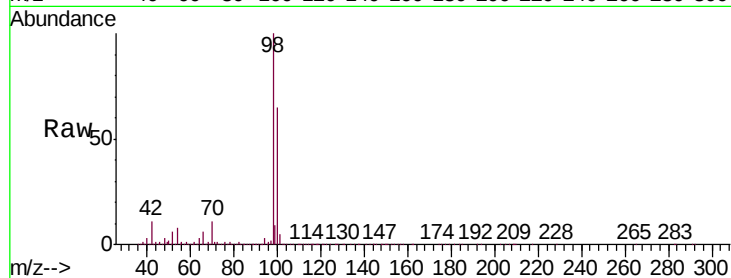
VX0821MBL01

Tot Ion: 98 Resp: 565591

Ion Ratio Lower Upper

98 100

100 64.7 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 50.208 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011722.D

Acq: 21 Aug 2019 09:37

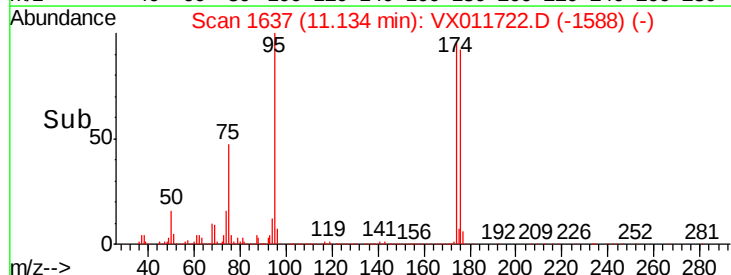
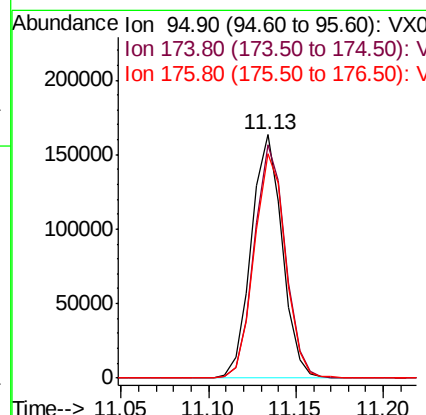
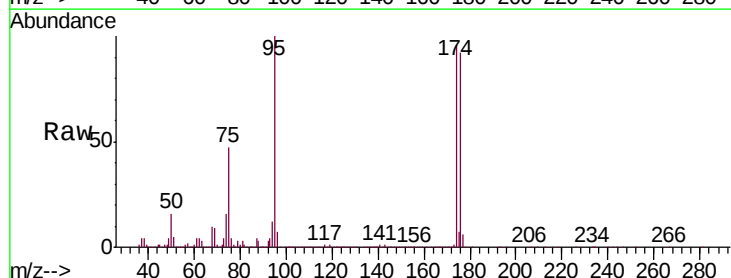
Tgt Ion: 95 Resp: 200767

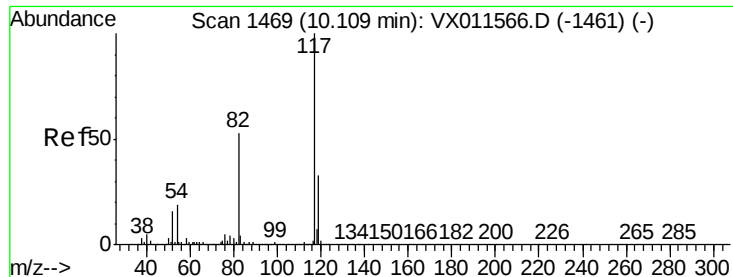
Ion Ratio Lower Upper

95 100

174 96.7 0.0 200.6

176 93.7 0.0 196.6

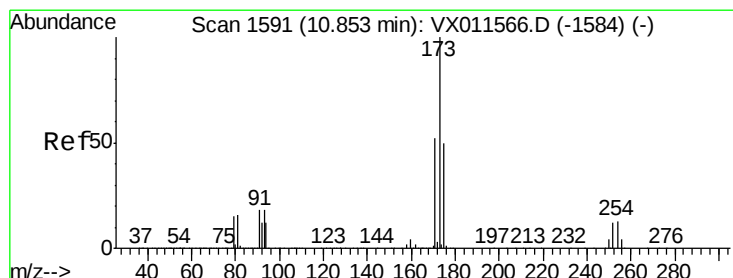
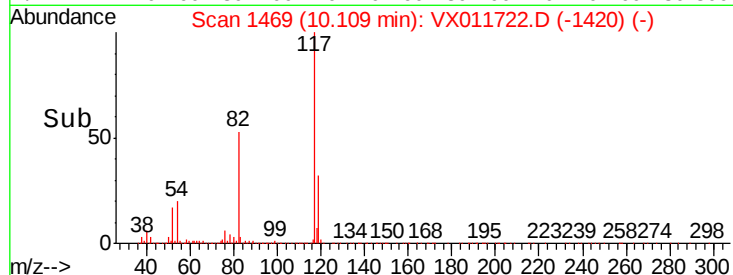
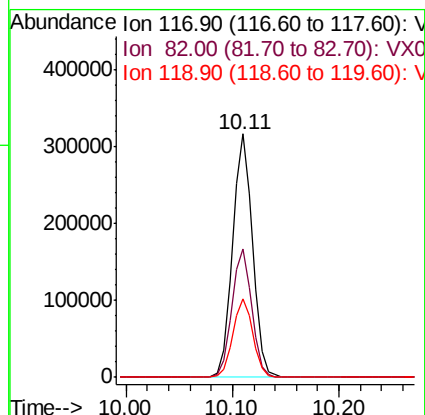
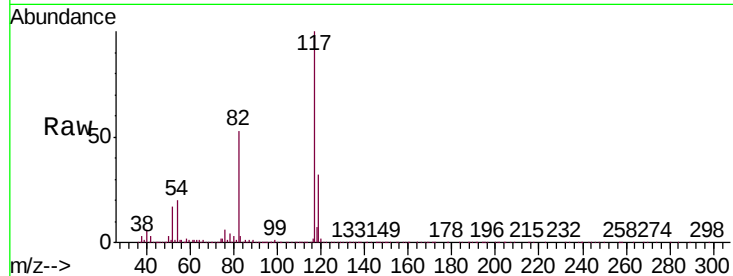




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011722.D
Acq: 21 Aug 2019 09:37

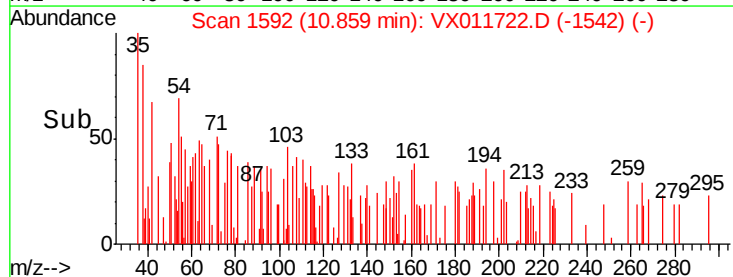
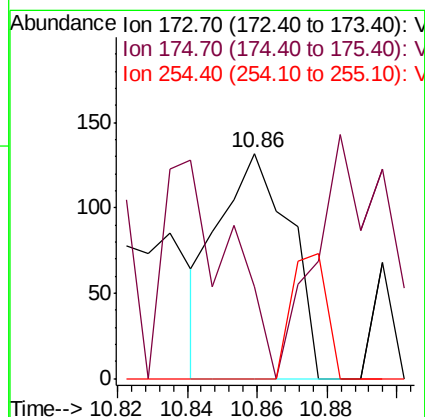
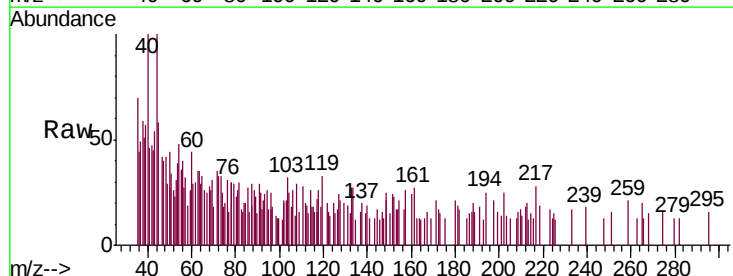
Instrument :
MSVOA_X
ClientSampleId :
VX0821MBL01

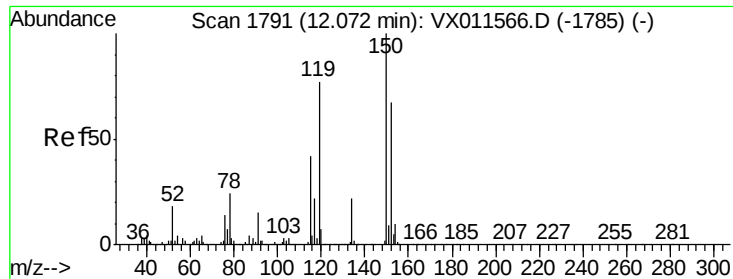
Tot Ion:117 Resp: 416470
Ion Ratio Lower Upper
117 100
82 52.9 42.0 63.0
119 32.4 26.5 39.7



#71
Bromoform
Concen: 3.346 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.01 min
Lab File: VX011722.D
Acq: 21 Aug 2019 09:37

Tgt Ion:173 Resp: 187
Ion Ratio Lower Upper
173 100
175 0.0 24.9 74.7#
254 27.8 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: VX011722.D

Acq: 21 Aug 2019 09:37

Instrument :

MSVOA_X

ClientSampleId :

VX0821MBL01

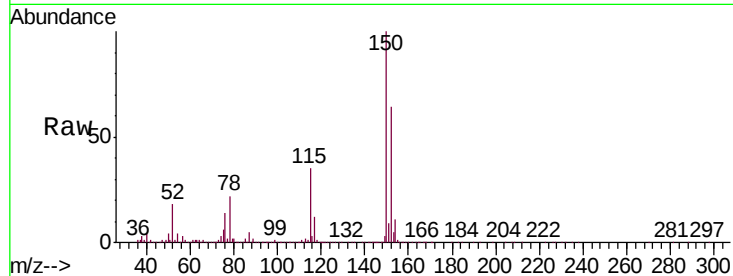
Tot Ion:152 Resp: 217843

Ion Ratio Lower Upper

152 100

115 54.0 37.3 111.9

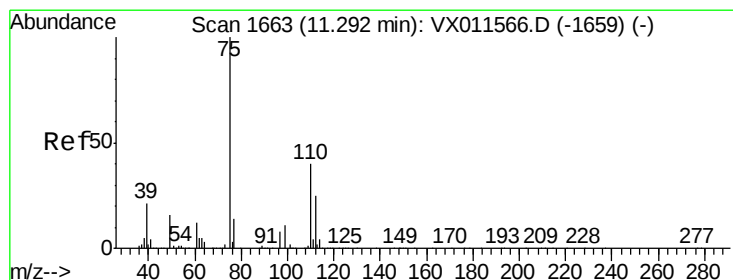
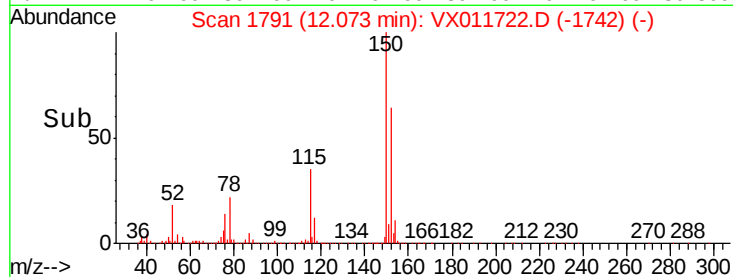
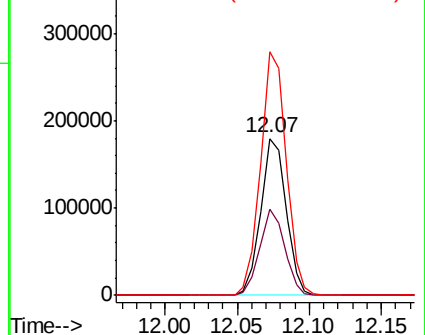
150 157.0 0.0 346.2



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: 23.359 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX011722.D

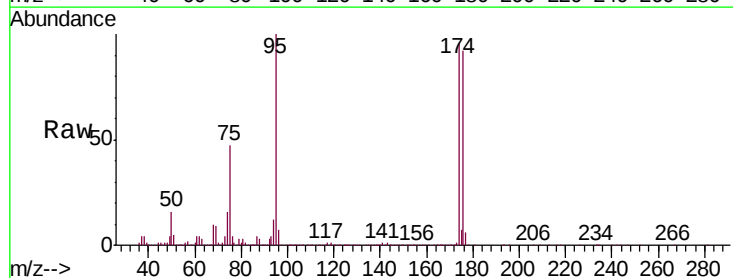
Acq: 21 Aug 2019 09:37

Tgt Ion: 75 Resp: 96491

Ion Ratio Lower Upper

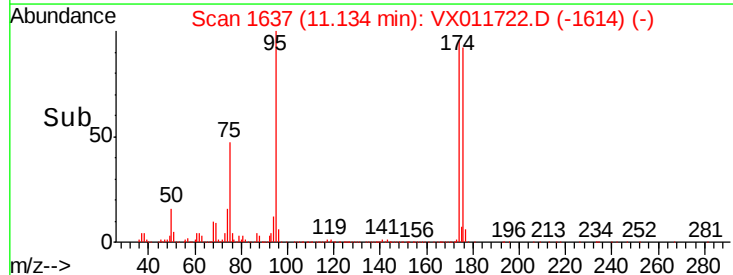
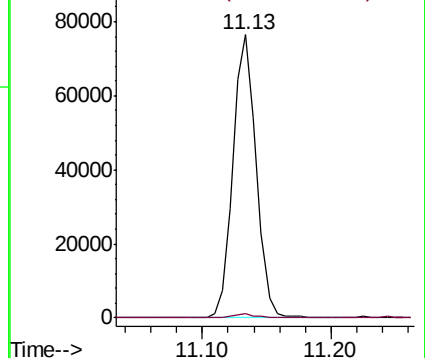
75 100

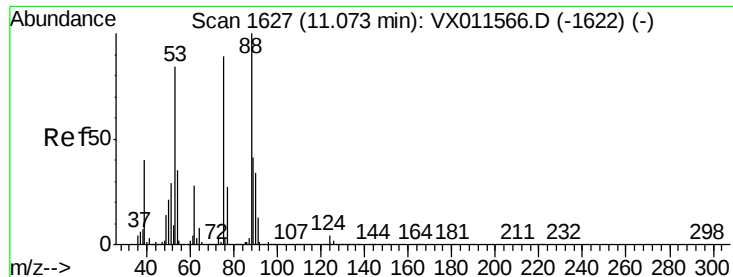
77 1.8 20.9 62.8#



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: 62.086 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX011722.D

Acq: 21 Aug 2019 09:37

Instrument :

MSVOA_X

ClientSampleId :

VX0821MBL01

Tot Ion: 75 Resp: 96491

Ion Ratio Lower Upper

75 100

53 0.2 77.4 116.0#

89 0.2 37.3 55.9#

