

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080719\
 Data File : VX011355.D
 Acq On : 07 Aug 2019 11:55
 Operator : JC/SP
 Sample : VX0807MBL01
 Misc : 5.0g/10mL/100uL/10mL/MSVOA_X/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807MBL01

Quant Time: Aug 08 07:01:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	163153	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	264737	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	249402	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	111240	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	92769	56.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.92%	
35) Dibromofluoromethane	5.49	113	85395	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	
50) Toluene-d8	8.71	98	322979	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	
62) 4-Bromofluorobenzene	11.13	95	109737	47.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.22%	

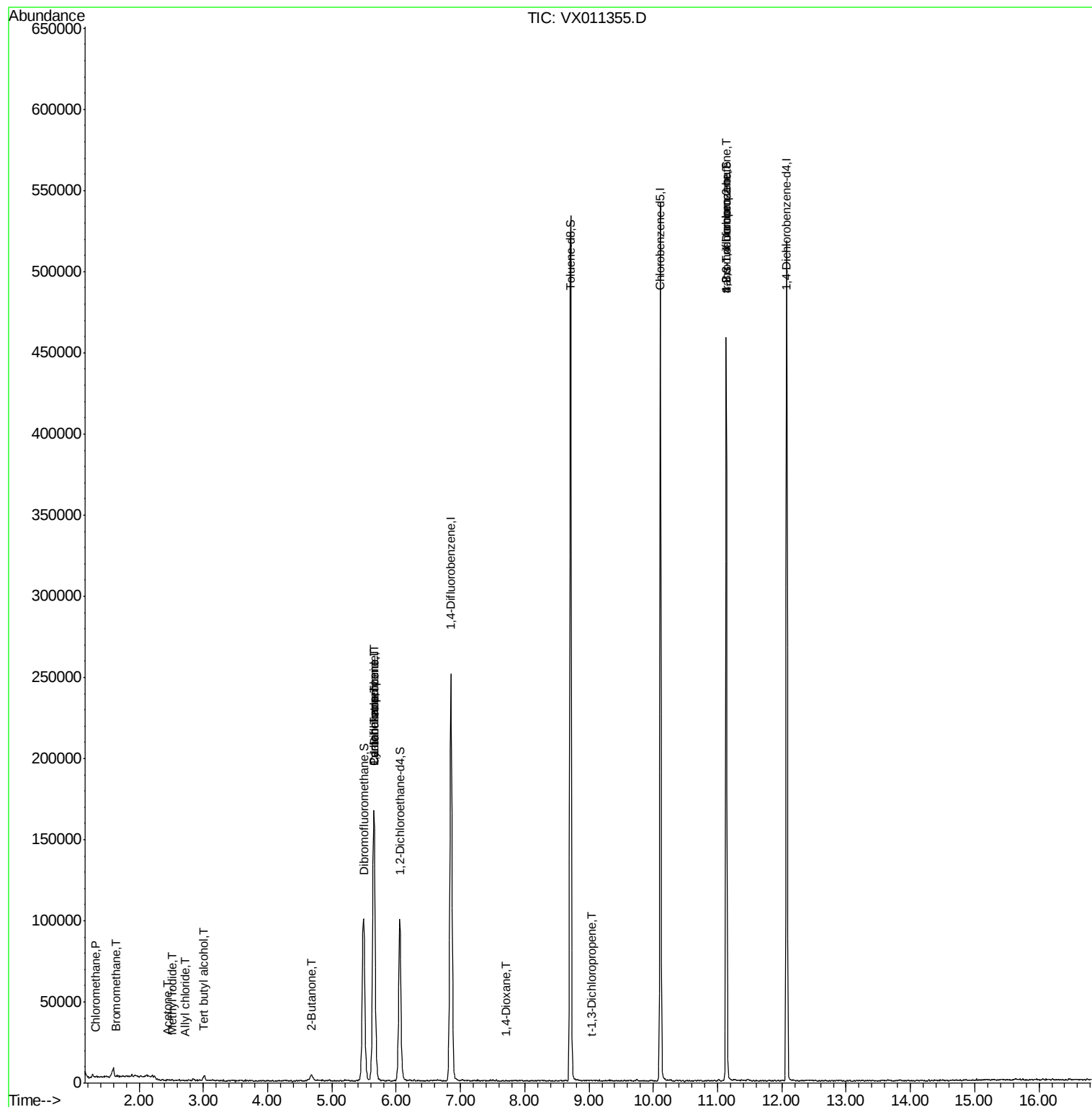
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	430	0.304	ug/l	96
5) Bromomethane	1.64	94	417	0.376	ug/l #	67
6) Chloroethane	1.71	64	191	Below Cal	#	43
10) Methyl Iodide	2.51	142	448	0.237	ug/l #	77
11) Tert butyl alcohol	3.01	59	1944	5.956	ug/l #	75
14) Allyl chloride	2.72	41	447	0.226	ug/l #	35
16) Acetone	2.44	43	233	0.298	ug/l #	40
25) 2-Butanone	4.68	43	238	0.214	ug/l #	46
31) Cyclohexane	5.65	56	3417	1.615	ug/l #	14
36) 1,1-Dichloropropene	5.65	75	11325	4.900	ug/l #	49
38) Carbon Tetrachloride	5.65	117	15432	6.636	ug/l #	14
49) 1,4-Dioxane	7.69	88	21	0.415	ug/l #	1
53) t-1,3-Dichloropropene	9.04	75	56	2.859	ug/l #	44
76) 1,2,3-Trichloropropane	11.13	75	56553	27.916	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.13	75	56553	72.321	ug/l #	10

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX080719\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.00 min

Lab File: VX011355.D

Acq: 07 Aug 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

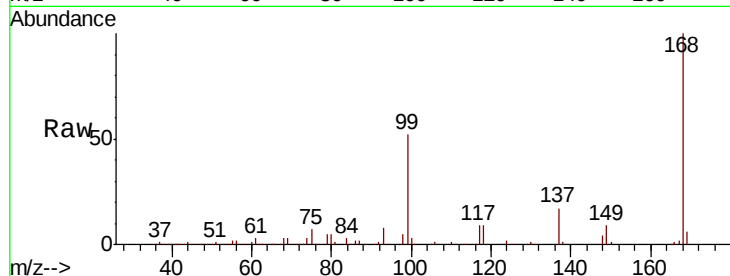
VX0807MBL01

Tgt Ion:168 Resp: 163153

Ion Ratio Lower Upper

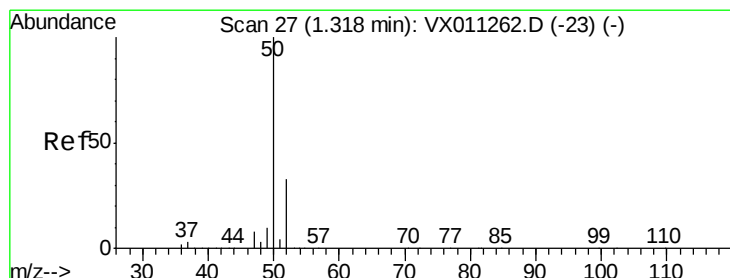
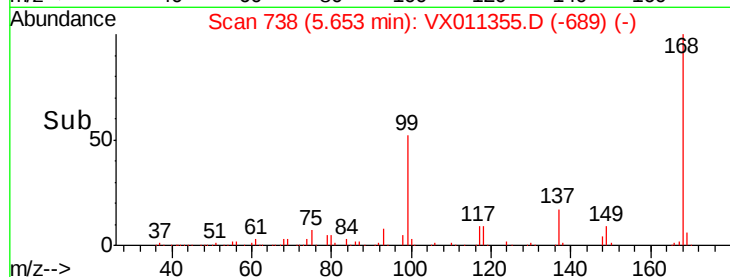
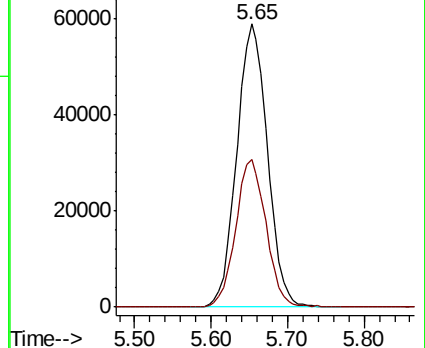
168 100

99 52.1 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.304 ug/l

RT: 1.32 min Scan# 27

Delta R.T. -0.00 min

Lab File: VX011355.D

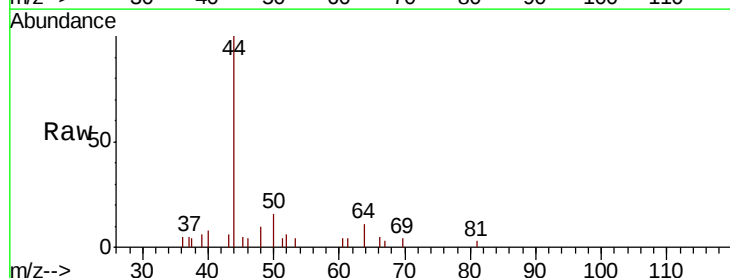
Acq: 07 Aug 2019 11:55

Tgt Ion: 50 Resp: 430

Ion Ratio Lower Upper

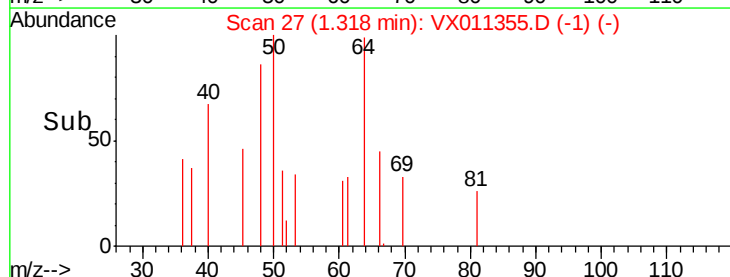
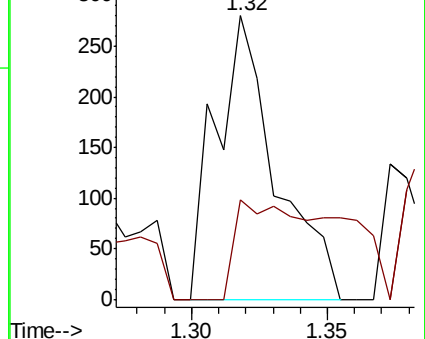
50 100

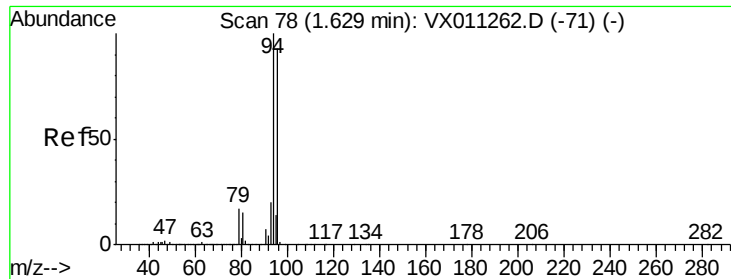
52 35.0 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: 0.376 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.01 min

Lab File: VX011355.D

Acq: 07 Aug 2019 11:55

Instrument :

MSVOA_X

ClientSampled :

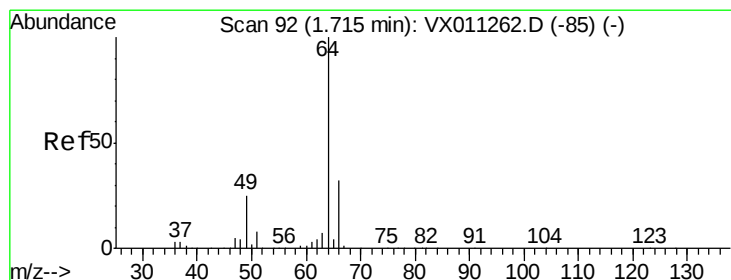
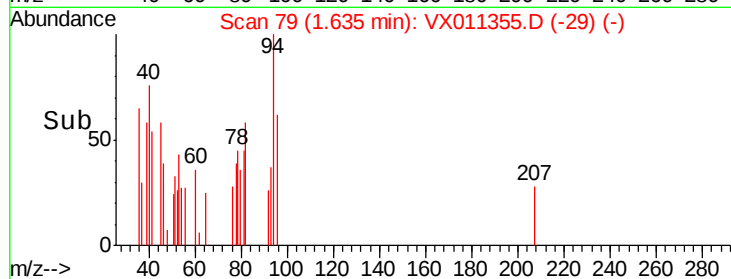
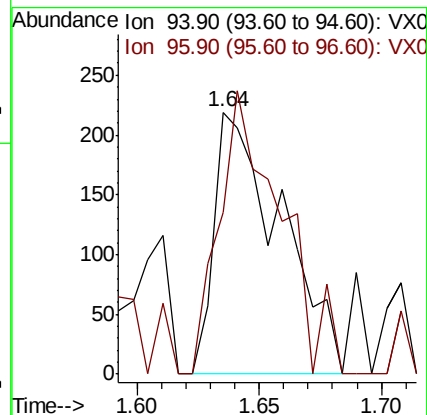
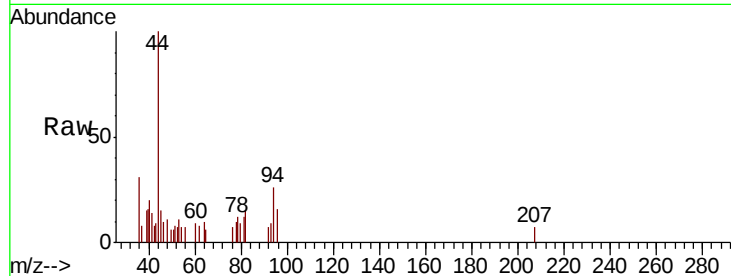
VX0807MBL01

Tgt Ion: 94 Resp: 417

Ion Ratio Lower Upper

94 100

96 61.6 74.6 112.0#



#6

Chloroethane

Concen: Below Cal

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX011355.D

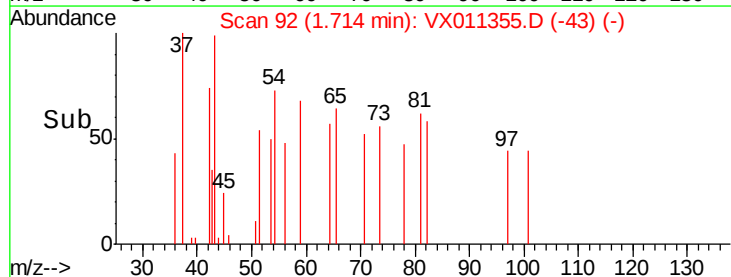
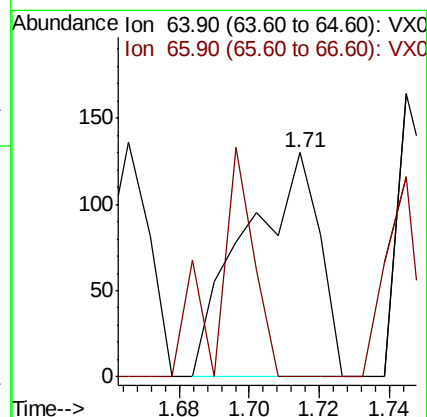
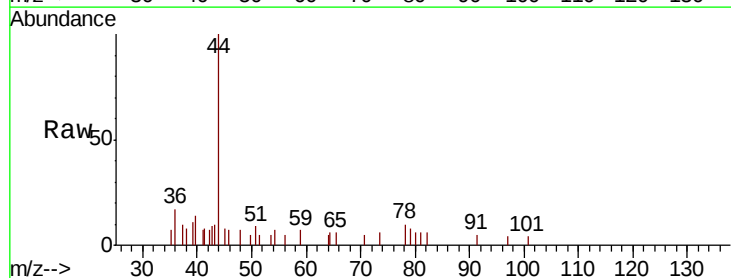
Acq: 07 Aug 2019 11:55

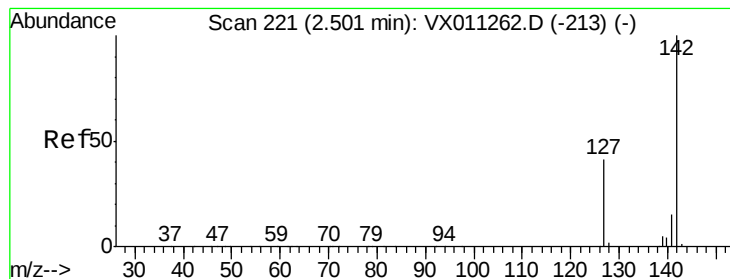
Tgt Ion: 64 Resp: 191

Ion Ratio Lower Upper

64 100

66 0.0 25.1 37.7#





#10

Methyl Iodide

Concen: 0.237 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX011355.D

Acq: 07 Aug 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX0807MBL01

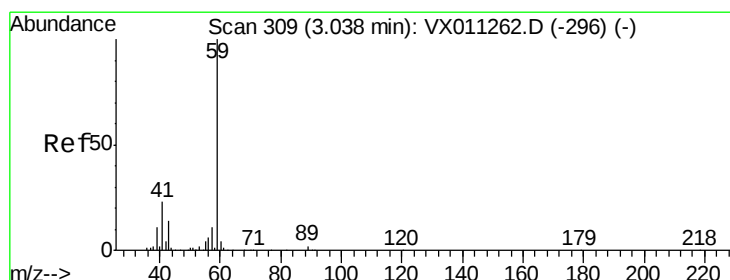
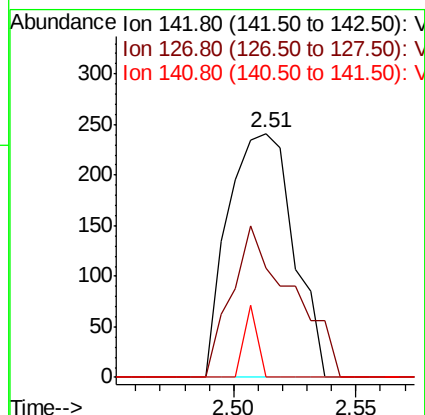
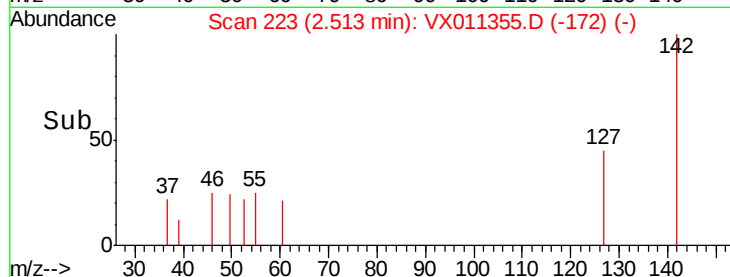
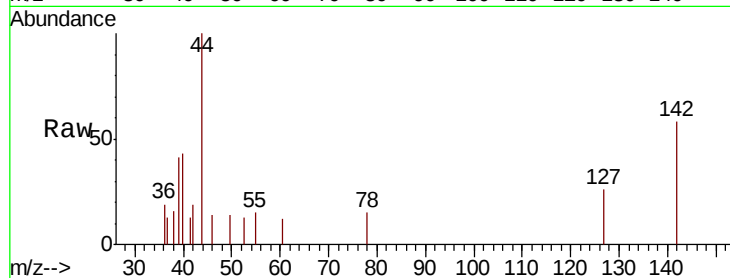
Tgt Ion:142 Resp: 448

Ion Ratio Lower Upper

142 100

127 57.4 33.8 50.8#

141 5.8 11.4 17.2#



#11

Tert butyl alcohol

Concen: 5.956 ug/l

RT: 3.01 min Scan# 305

Delta R.T. -0.02 min

Lab File: VX011355.D

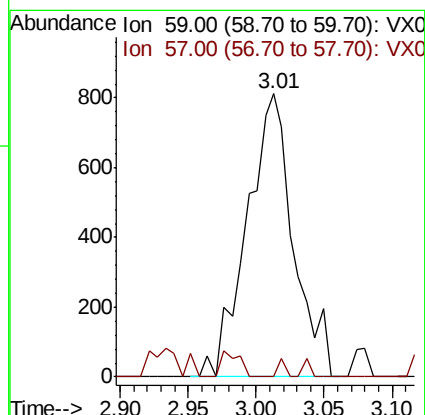
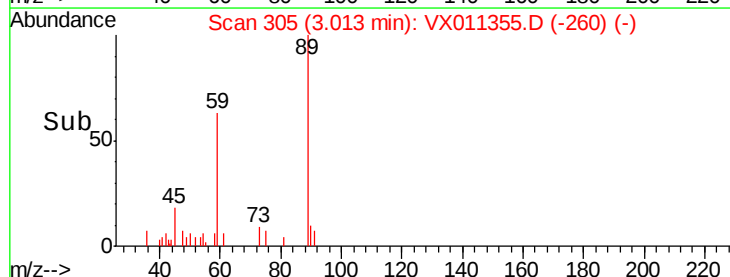
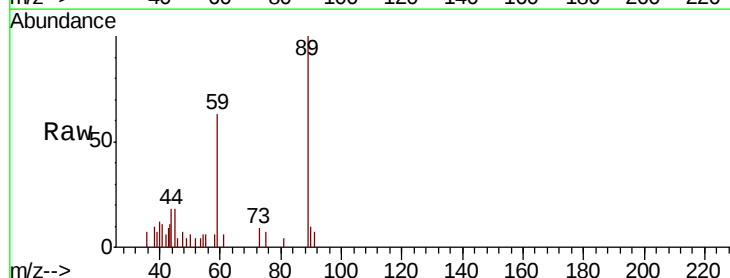
Acq: 07 Aug 2019 11:55

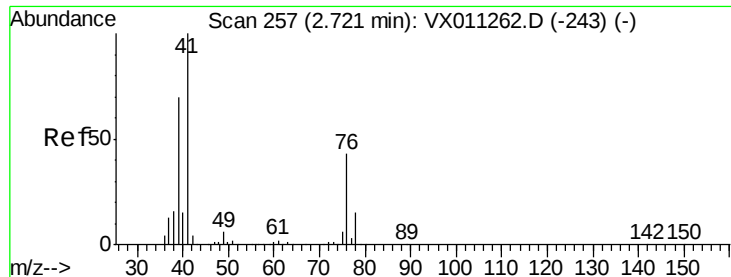
Tgt Ion: 59 Resp: 1944

Ion Ratio Lower Upper

59 100

57 1.0 8.3 12.5#

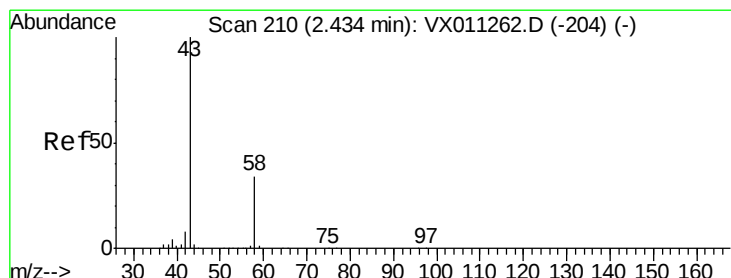
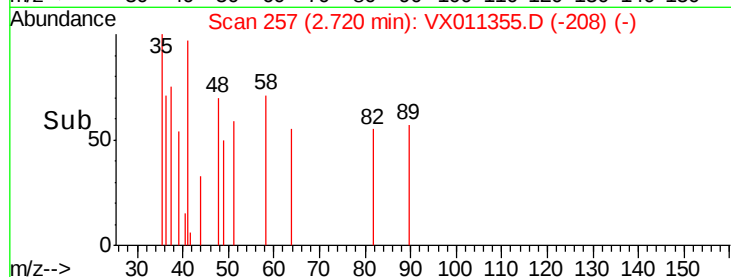
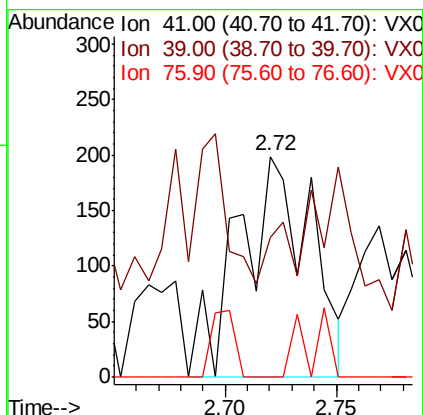
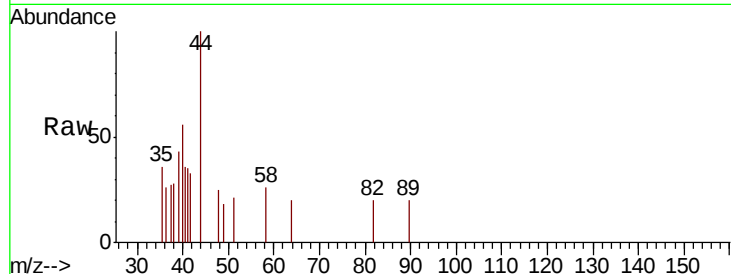




#14
 Allyl chloride
 Concen: 0.226 ug/l
 RT: 2.72 min Scan# 257
 Delta R.T. -0.00 min
 Lab File: VX011355.D
 Acq: 07 Aug 2019 11:55

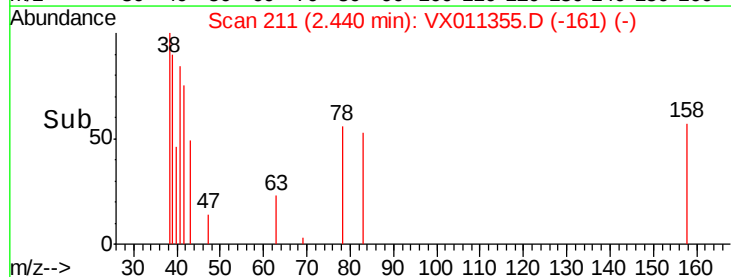
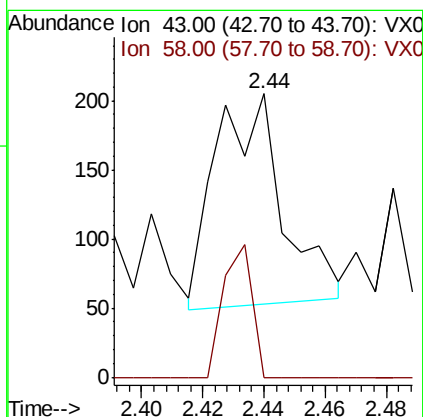
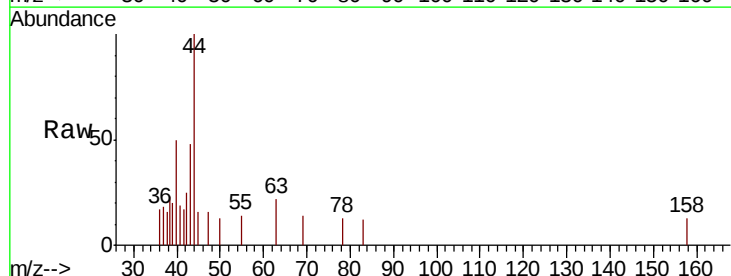
Instrument :
 MSVOA_X
 ClientSampled :
 VX0807MBL01

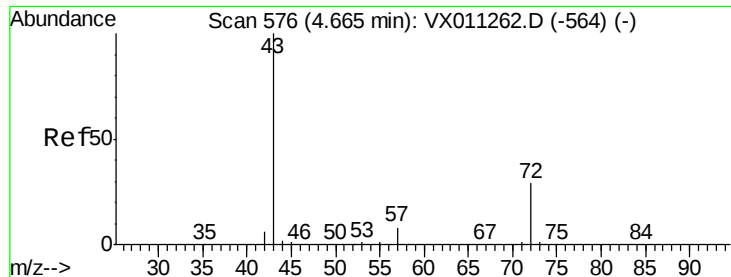
Tgt Ion: 41 Resp: 447
 Ion Ratio Lower Upper
 41 100
 39 13.2 52.8 79.2#
 76 0.0 31.1 46.7#



#16
 Acetone
 Concen: 0.298 ug/l
 RT: 2.44 min Scan# 211
 Delta R.T. 0.01 min
 Lab File: VX011355.D
 Acq: 07 Aug 2019 11:55

Tgt Ion: 43 Resp: 233
 Ion Ratio Lower Upper
 43 100
 58 0.0 27.4 41.0#

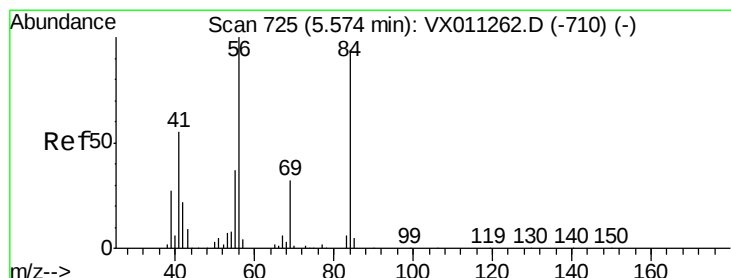
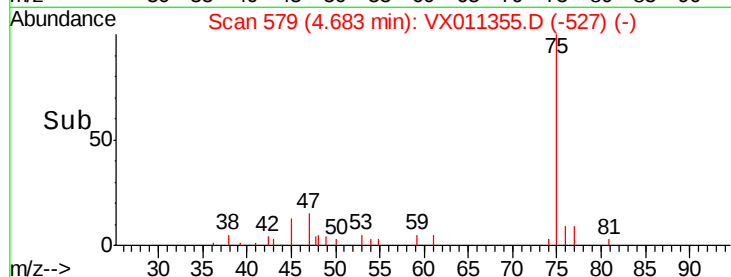
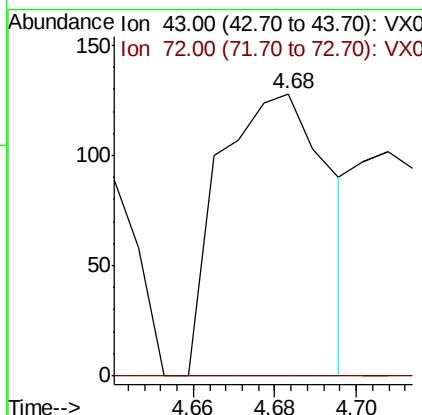
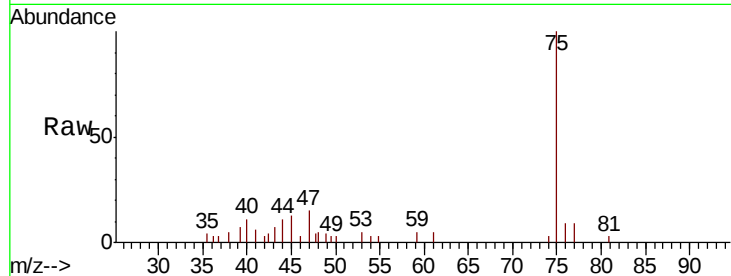




#25
2-Butanone
Concen: 0.214 ug/l
RT: 4.68 min Scan# 579
Delta R.T. 0.02 min
Lab File: VX011355.D
Acq: 07 Aug 2019 11:55

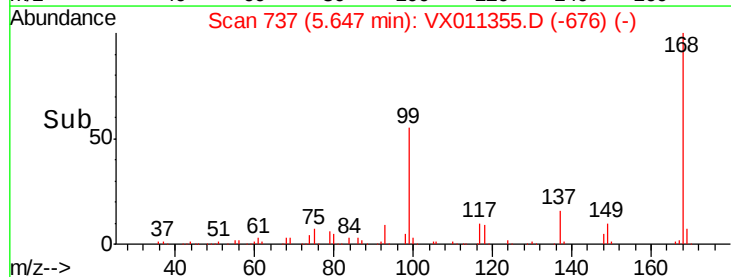
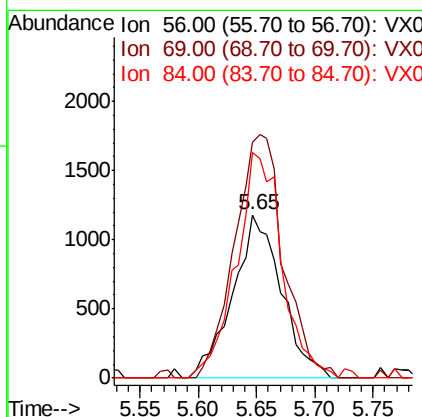
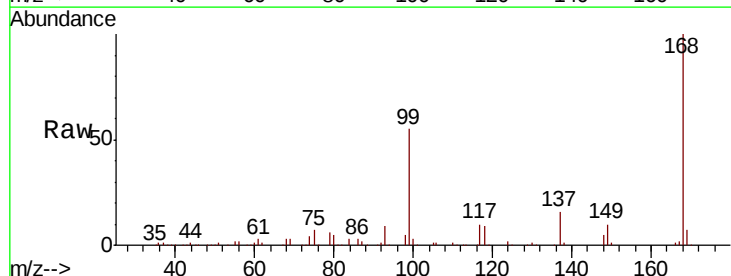
Instrument :
MSVOA_X
ClientSampleId :
VX0807MBL01

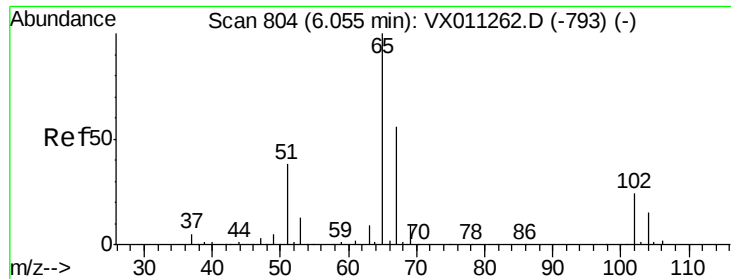
Tgt Ion: 43 Resp: 238
Ion Ratio Lower Upper
43 100
72 0.0 23.2 34.8#



#31
Cyclohexane
Concen: 1.615 ug/l
RT: 5.65 min Scan# 737
Delta R.T. 0.07 min
Lab File: VX011355.D
Acq: 07 Aug 2019 11:55

Tgt Ion: 56 Resp: 3417
Ion Ratio Lower Upper
56 100
69 144.5 25.5 38.3#
84 137.8 75.0 112.4#





#33

1,2-Dichloroethane-d4

Concen: 56.462 ug/l

RT: 6.05 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX011355.D

Acq: 07 Aug 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

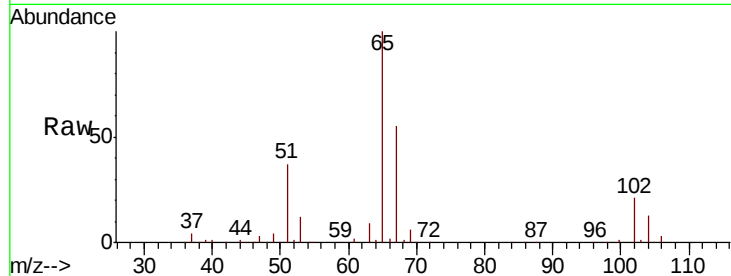
VX0807MBL01

Tgt Ion: 65 Resp: 92769

Ion Ratio Lower Upper

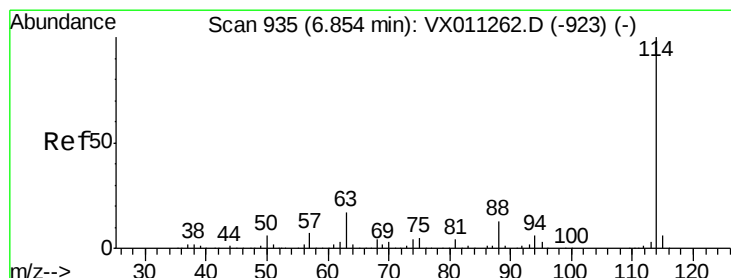
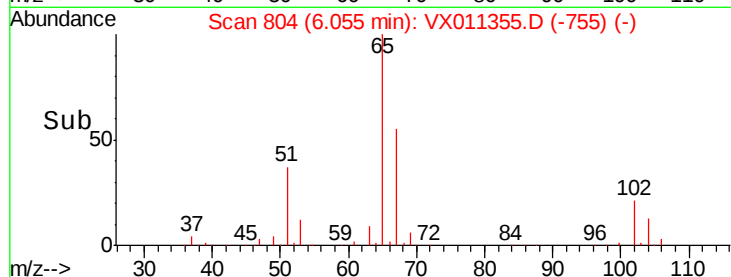
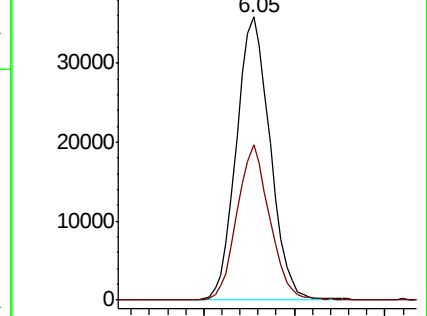
65 100

67 53.0 0.0 110.6



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# 935

Delta R.T. -0.00 min

Lab File: VX011355.D

Acq: 07 Aug 2019 11:55

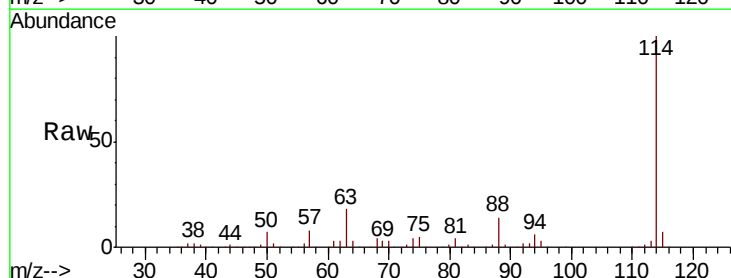
Tgt Ion: 114 Resp: 264737

Ion Ratio Lower Upper

114 100

63 17.7 0.0 34.0

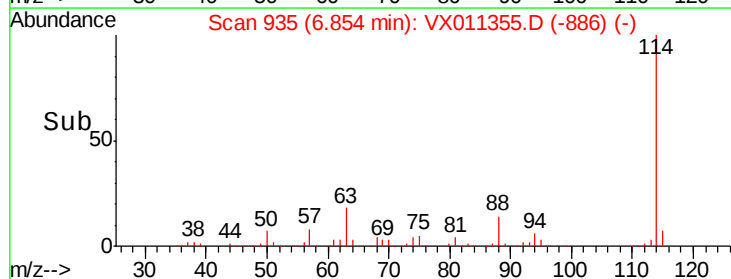
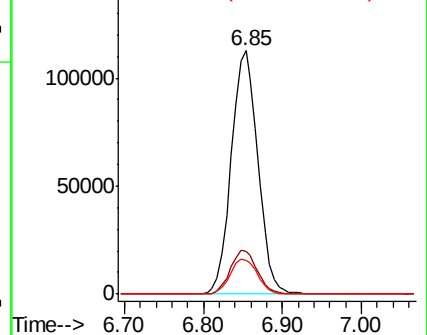
88 14.0 0.0 26.4

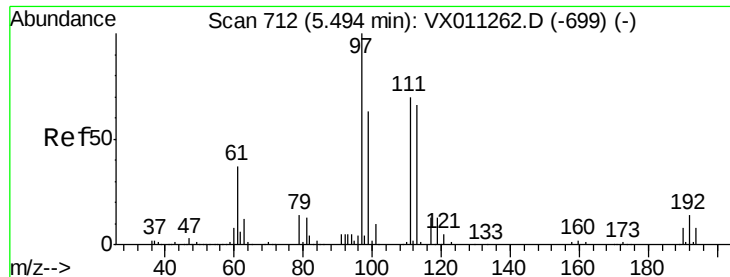


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

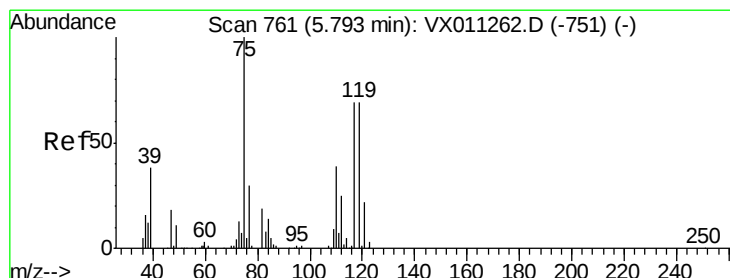
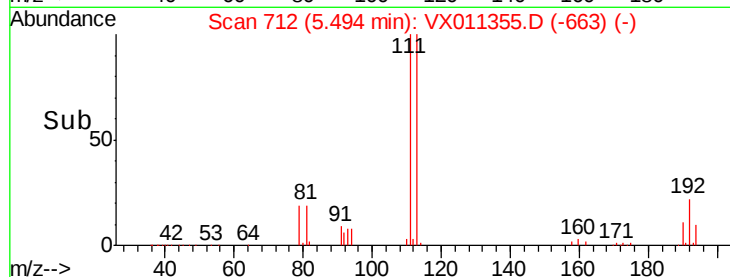
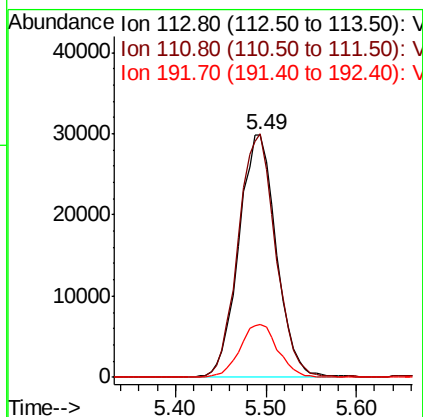
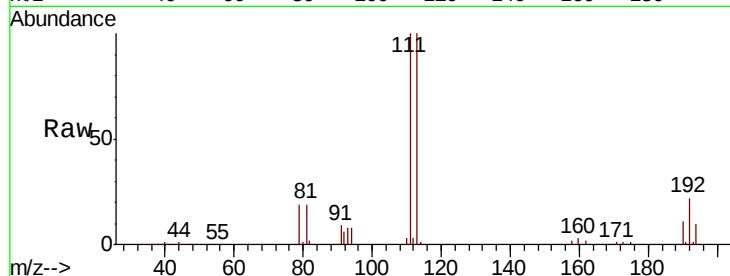




#35
 Dibromofluoromethane
 Concen: 49.407 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: VX011355.D
 Acq: 07 Aug 2019 11:55

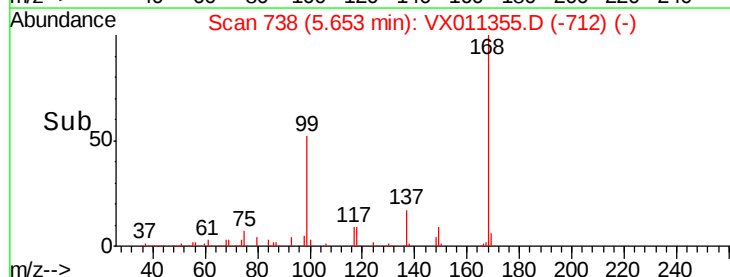
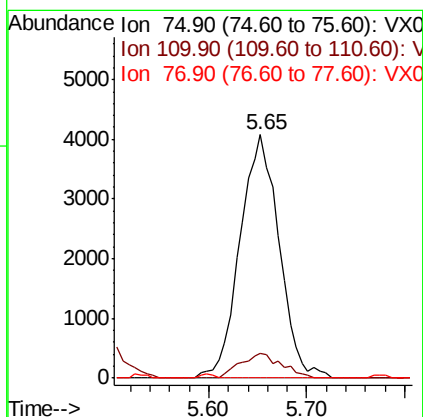
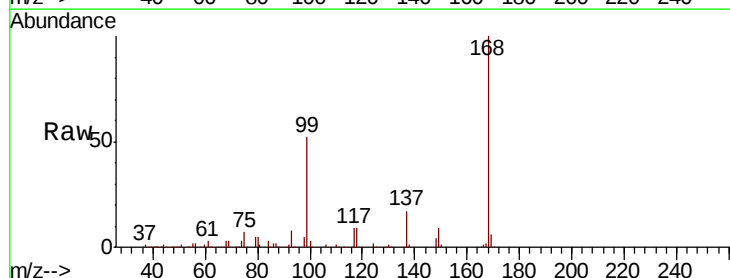
Instrument :
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 VX0807MBL01

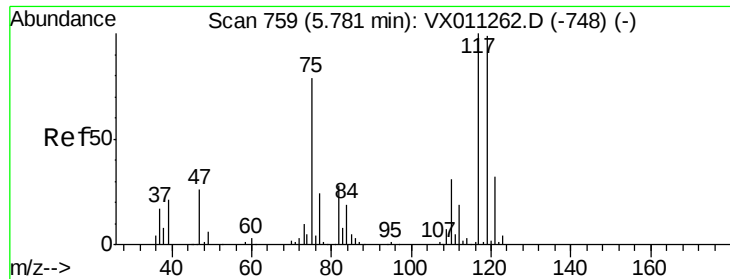
Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.3	81.9	122.9
192	22.1	17.8	26.8



#36
 1,1-Dichloropropene
 Concen: 4.900 ug/l
 RT: 5.65 min Scan# 738
 Delta R.T. -0.14 min
 Lab File: VX011355.D
 Acq: 07 Aug 2019 11:55

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.8	20.0	59.9#
77	0.0	24.8	37.2#





#38

Carbon Tetrachloride

Concen: 6.636 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.13 min

Lab File: VX011355.D

Acq: 07 Aug 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX0807MBL01

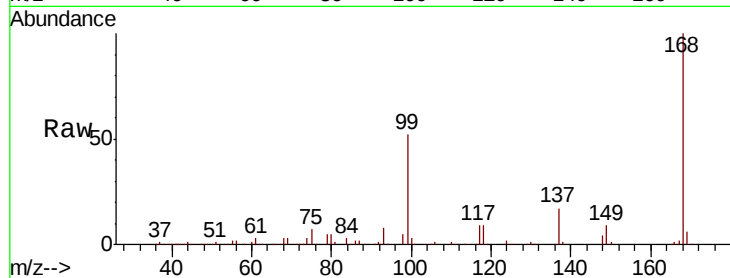
Tgt Ion:117 Resp: 15432

Ion Ratio Lower Upper

117 100

119 4.7 79.0 118.4#

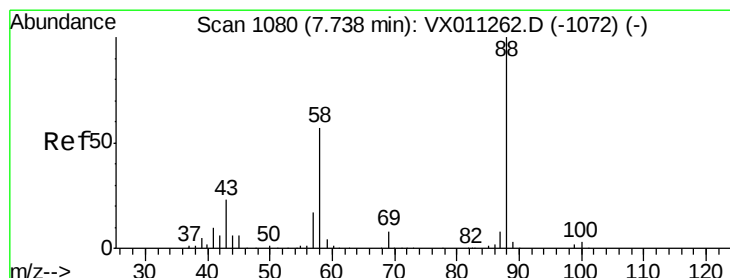
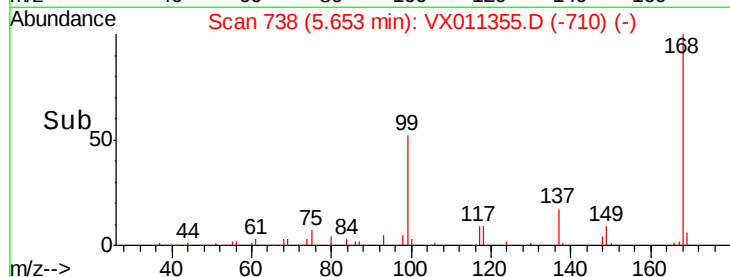
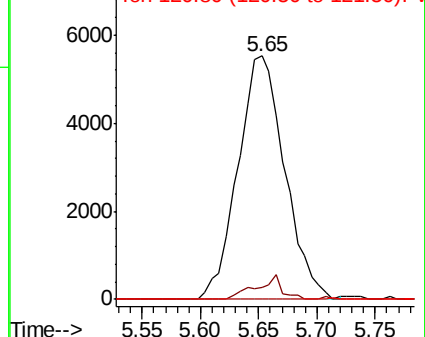
121 0.0 25.9 38.9#



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: 0.415 ug/l

RT: 7.69 min Scan# 1073

Delta R.T. -0.04 min

Lab File: VX011355.D

Acq: 07 Aug 2019 11:55

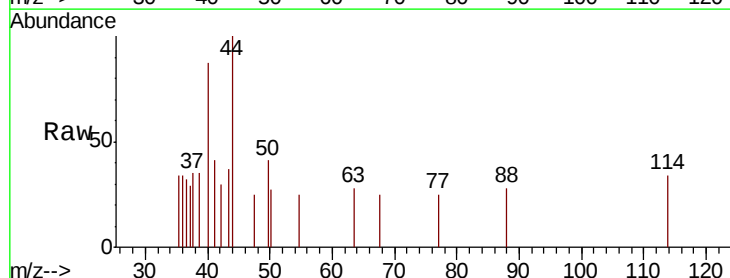
Tgt Ion: 88 Resp: 21

Ion Ratio Lower Upper

88 100

43 452.4 22.2 33.2#

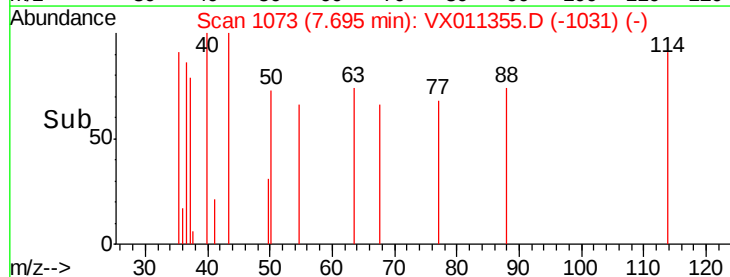
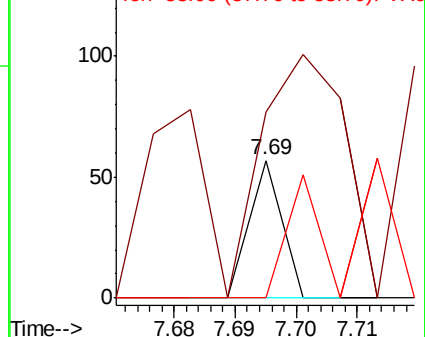
58 90.5 47.8 71.8#

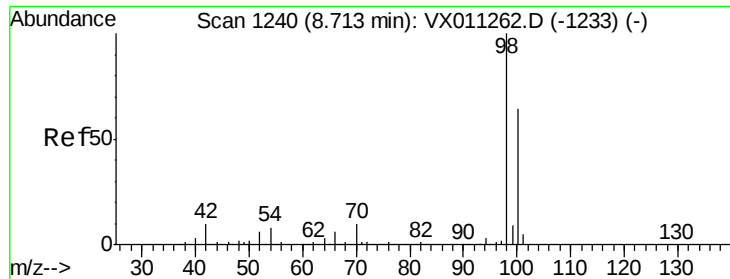


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 49.505 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011355.D

Acq: 07 Aug 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

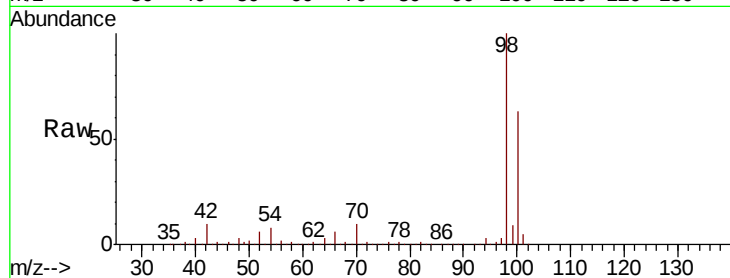
VX0807MBL01

Tgt Ion: 98 Resp: 322979

Ion Ratio Lower Upper

98 100

100 63.5 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.71

250000

200000

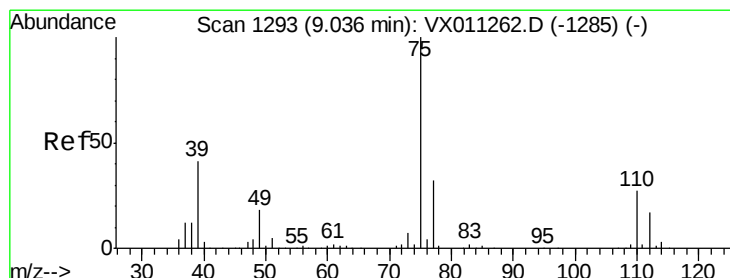
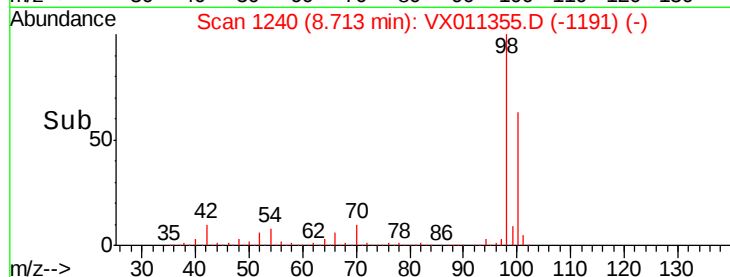
150000

100000

50000

0

Time--> 8.60 8.70 8.80



#53

t-1,3-Dichloropropene

Concen: 2.859 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX011355.D

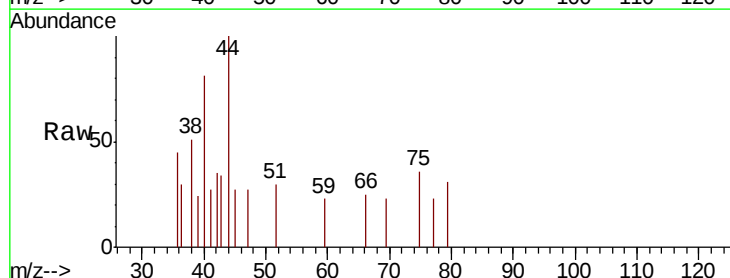
Acq: 07 Aug 2019 11:55

Tgt Ion: 75 Resp: 56

Ion Ratio Lower Upper

75 100

77 63.0 25.4 38.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

80

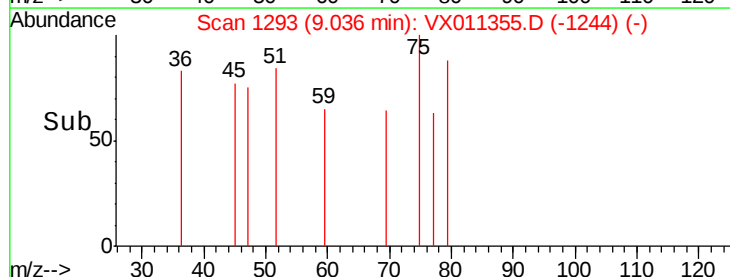
60

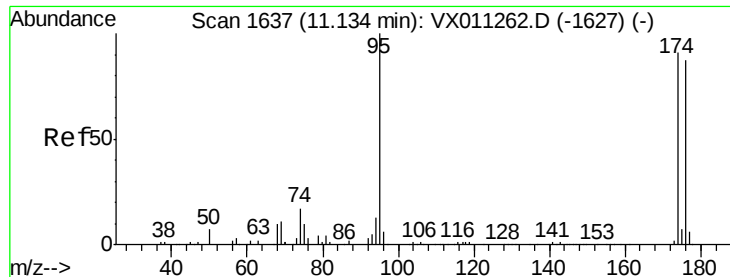
40

20

0

Time--> 9.02 9.03 9.04 9.05 9.06

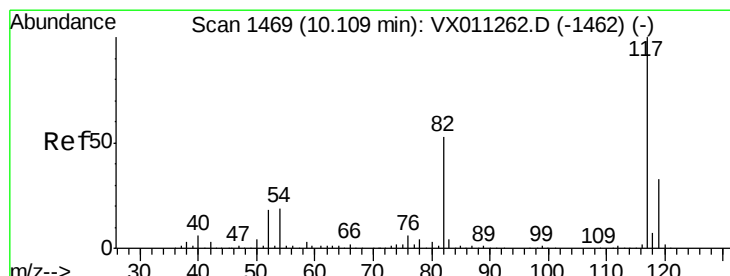
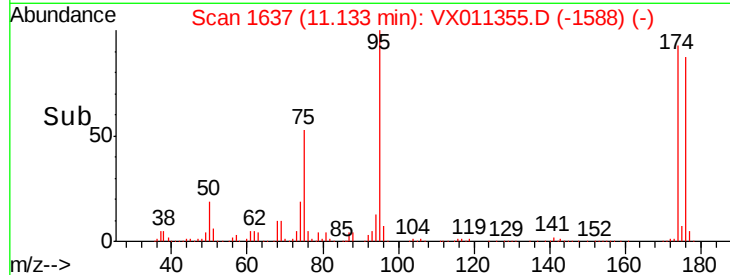
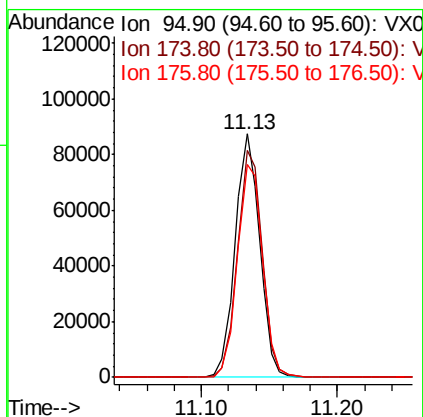
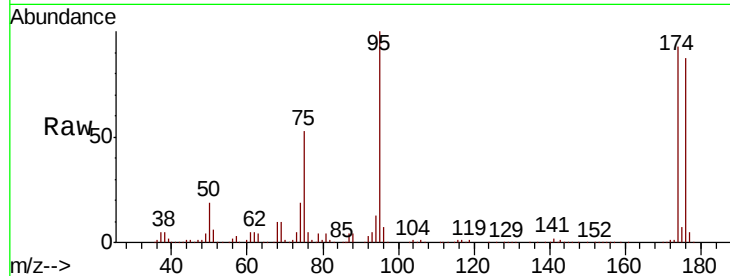




#62
4-Bromofluorobenzene
Concen: 47.111 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011355.D
Acq: 07 Aug 2019 11:55

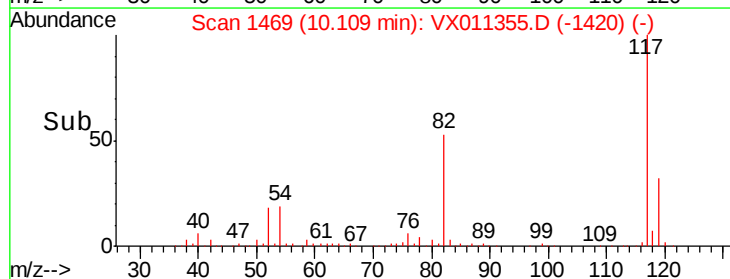
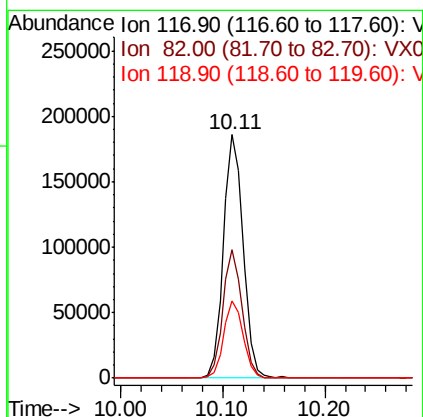
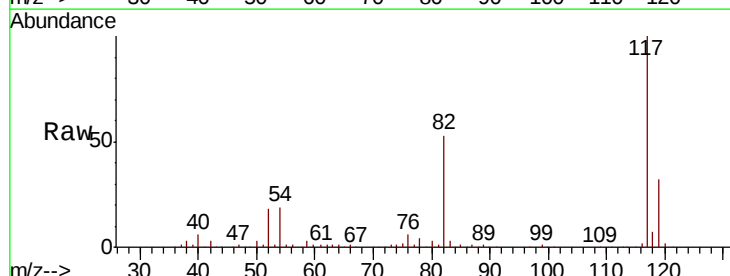
Instrument :
MSVOA_X
ClientSampleId :
VX0807MBL01

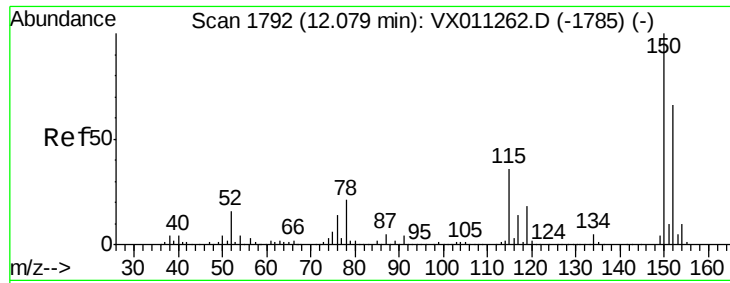
Tgt Ion: 95 Resp: 109737
Ion Ratio Lower Upper
95 100
174 93.9 0.0 191.2
176 90.1 0.0 184.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011355.D
Acq: 07 Aug 2019 11:55

Tgt Ion: 117 Resp: 249402
Ion Ratio Lower Upper
117 100
82 52.8 42.2 63.2
119 31.9 26.6 39.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX011355.D

Acq: 07 Aug 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX0807MBL01

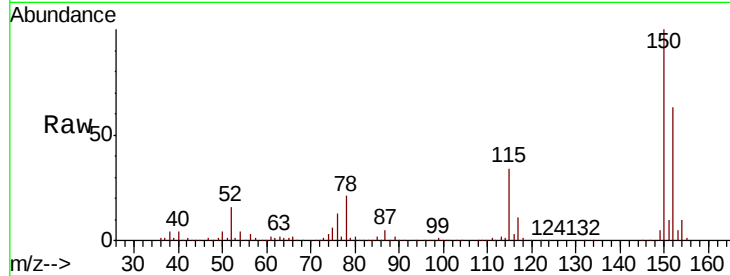
Tgt Ion:152 Resp: 111240

Ion Ratio Lower Upper

152 100

115 55.7 40.0 119.9

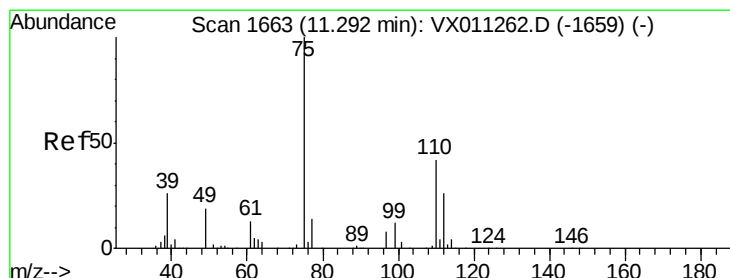
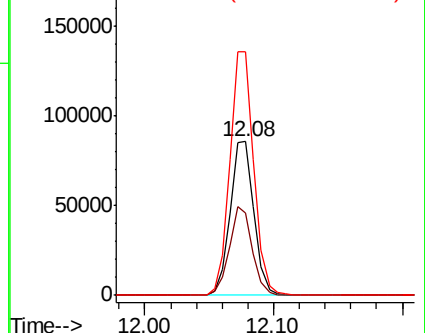
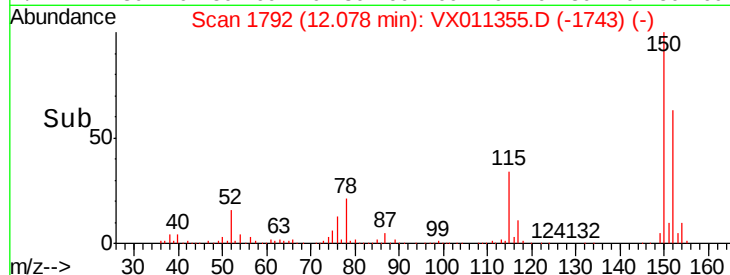
150 159.1 0.0 350.4



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: 27.916 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX011355.D

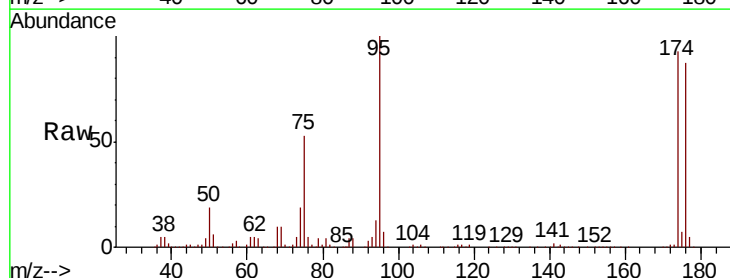
Acq: 07 Aug 2019 11:55

Tgt Ion: 75 Resp: 56553

Ion Ratio Lower Upper

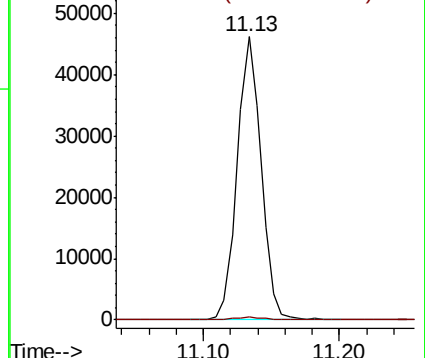
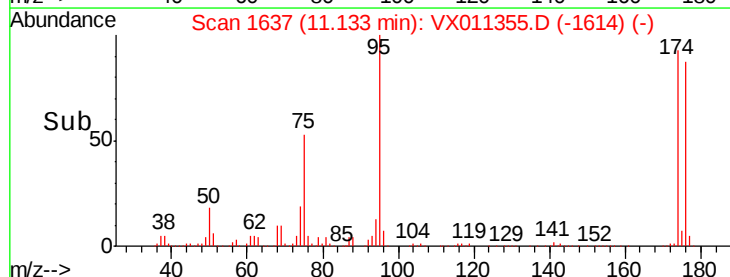
75 100

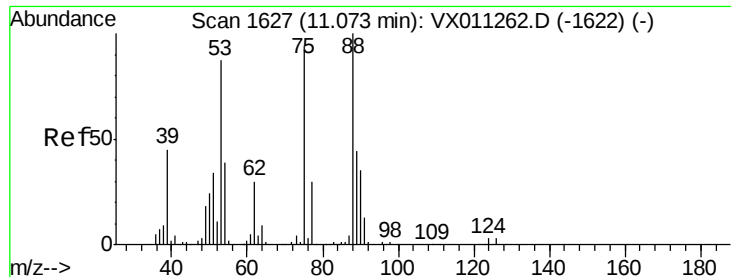
77 1.3 21.1 63.4#



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: 72.321 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX011355.D

Acq: 07 Aug 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX0807MBL01

Tgt Ion: 75 Resp: 56553

Ion Ratio Lower Upper

75 100

53 0.0 78.2 117.4#

89 0.0 37.9 56.9#

