

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080919\
 Data File : VX011400.D
 Acq On : 09 Aug 2019 11:18
 Operator : JC/SP
 Sample : VX0809WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0809WBL01

Quant Time: Aug 10 23:56:33 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	180114	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	265770	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	238018	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	109440	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	105437	58.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.26%	
35) Dibromofluoromethane	5.49	113	91203	52.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.12%	
50) Toluene-d8	8.71	98	343847	52.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.00%	
62) 4-Bromofluorobenzene	11.13	95	112950	48.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.60%	

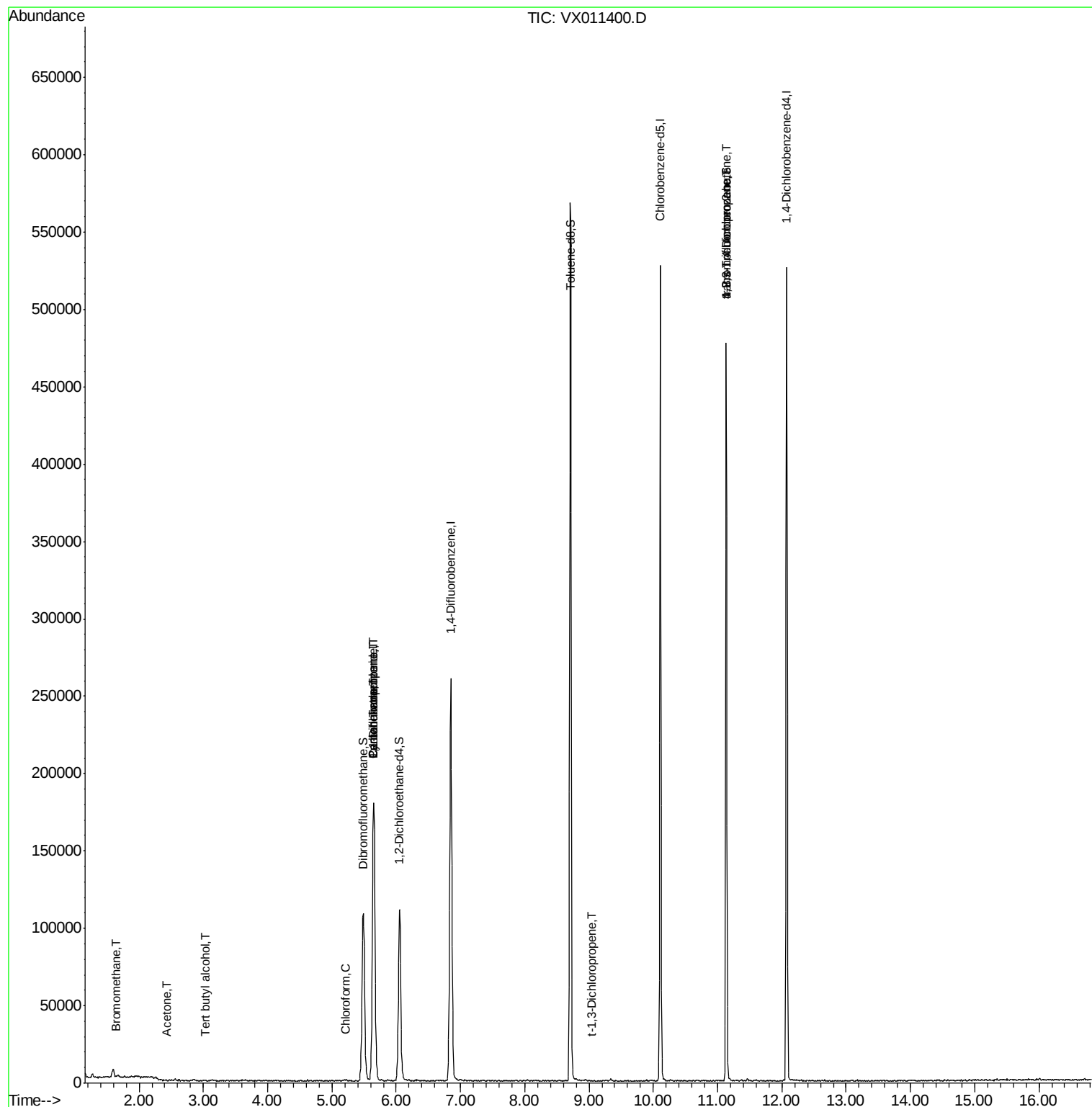
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	336	0.274	ug/l #	47
6) Chloroethane	1.72	64	94	Below Cal	#	18
11) Tert butyl alcohol	3.03	59	125	0.368	ug/l #	1
13) Acrolein	2.28	56	56	Below Cal	#	1
16) Acetone	2.43	43	380	0.440	ug/l	90
30) Chloroform	5.21	83	630	0.205	ug/l #	64
31) Cyclohexane	5.65	56	3605	1.543	ug/l #	13
36) 1,1-Dichloropropene	5.65	75	12517	5.394	ug/l #	48
38) Carbon Tetrachloride	5.65	117	17054	7.305	ug/l #	15
53) t-1,3-Dichloropropene	9.04	75	26	2.848	ug/l #	43
76) 1,2,3-Trichloropropane	11.13	75	57901	29.052	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.13	75	57901	75.079	ug/l #	10

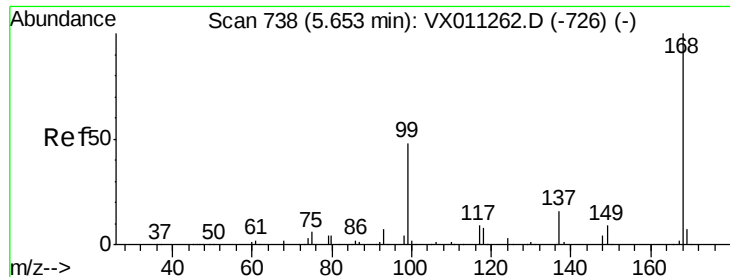
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX080919\
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Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
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: VX011400.D

Acq: 09 Aug 2019 11:18

Instrument :

MSVOA_X

ClientSampleId :

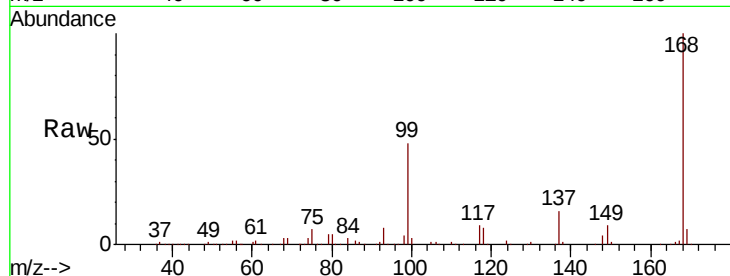
VX0809WBL01

Tgt Ion:168 Resp: 180114

Ion Ratio Lower Upper

168 100

99 48.4 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

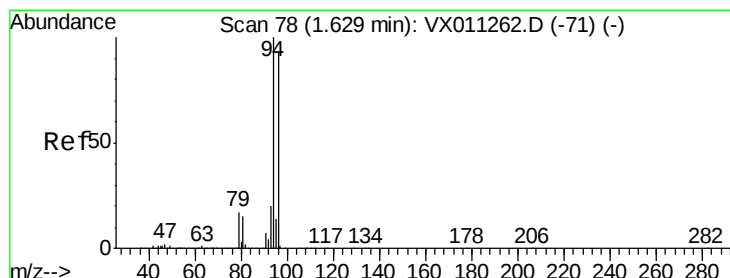
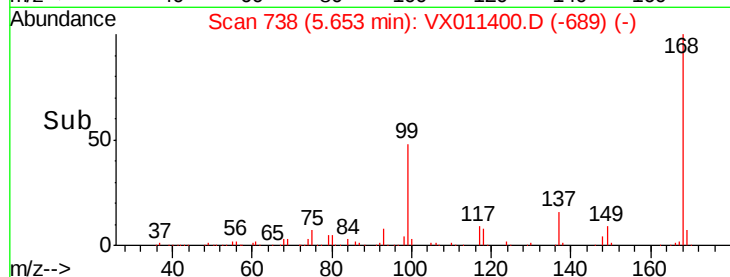
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.274 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.01 min

Lab File: VX011400.D

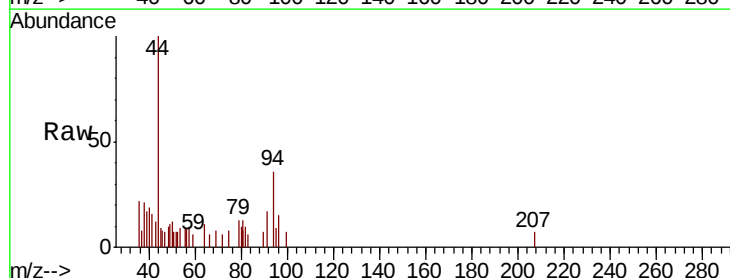
Acq: 09 Aug 2019 11:18

Tgt Ion: 94 Resp: 336

Ion Ratio Lower Upper

94 100

96 42.1 74.6 112.0#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

300

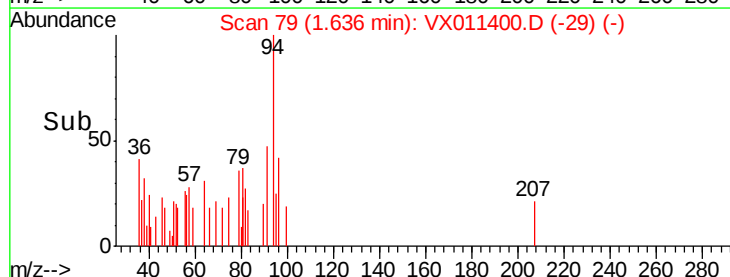
200

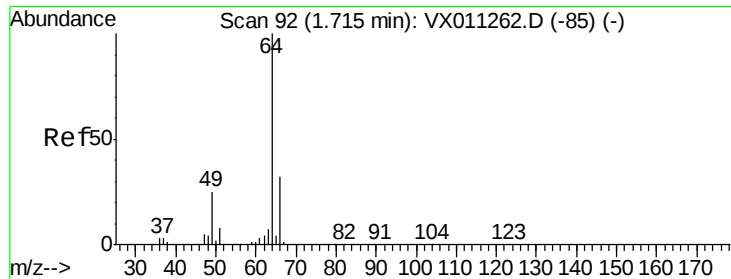
100

0

Time-->

1.62 1.64





#6

Chloroethane

Concen: Below Cal

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX011400.D

Acq: 09 Aug 2019 11:18

Instrument :

MSVOA_X

ClientSampleId :

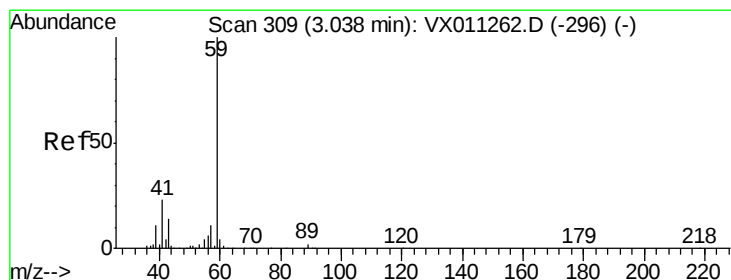
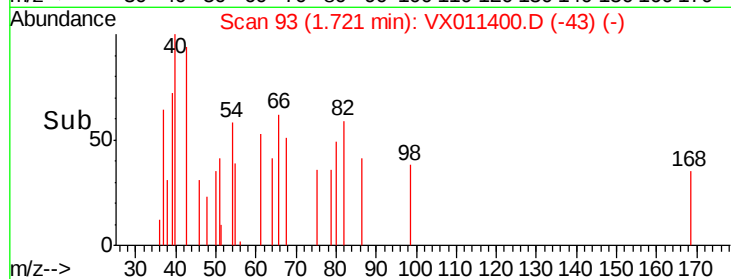
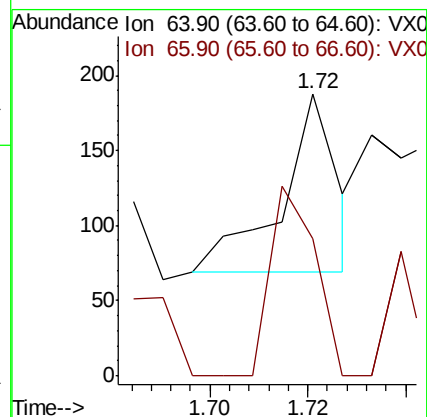
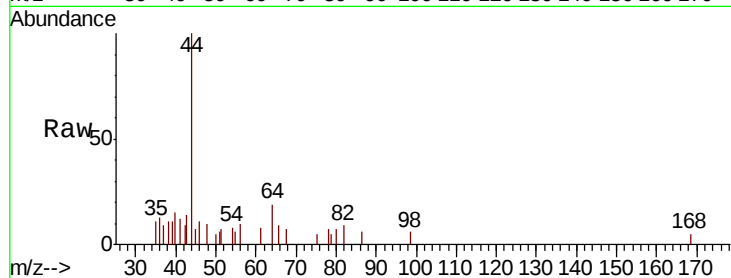
VX0809WBL01

Tgt Ion: 64 Resp: 94

Ion Ratio Lower Upper

64 100

66 76.5 25.1 37.7#



#11

Tert butyl alcohol

Concen: 0.368 ug/l

RT: 3.03 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX011400.D

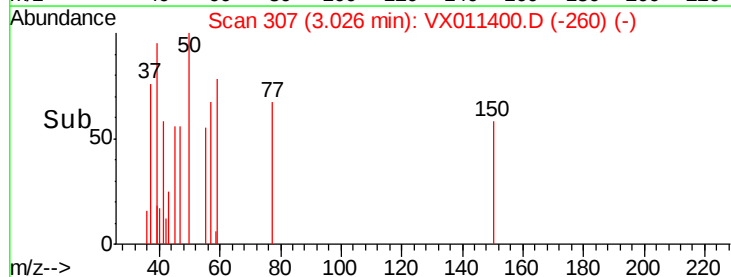
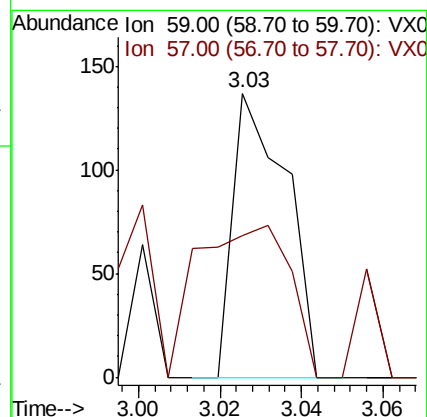
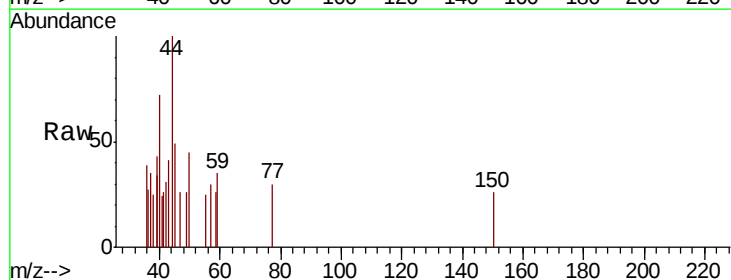
Acq: 09 Aug 2019 11:18

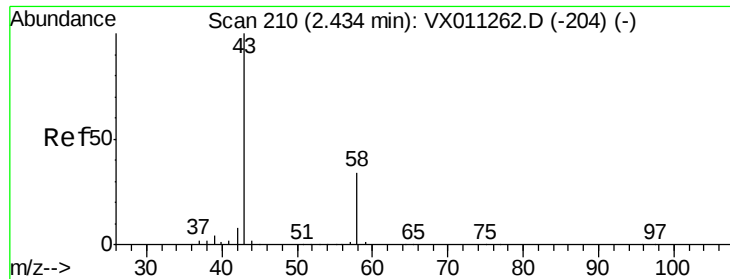
Tgt Ion: 59 Resp: 125

Ion Ratio Lower Upper

59 100

57 92.8 8.3 12.5#





#16

Acetone

Concen: 0.440 ug/l

RT: 2.43 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX011400.D

Acq: 09 Aug 2019 11:18

Instrument :

MSVOA_X

ClientSampled :

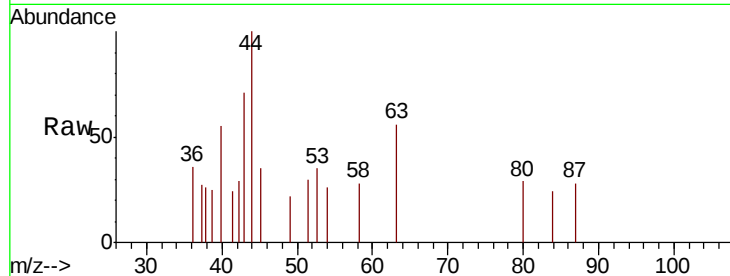
VX0809WBL01

Tgt Ion: 43 Resp: 380

Ion Ratio Lower Upper

43 100

58 40.0 27.4 41.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

150

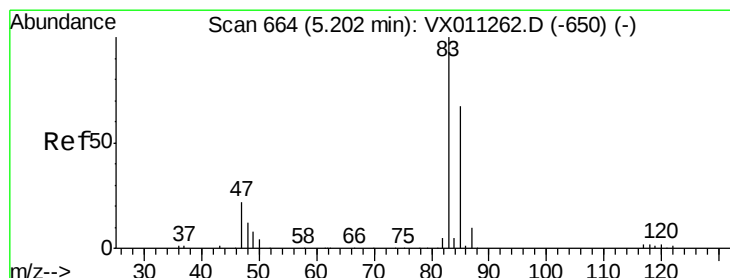
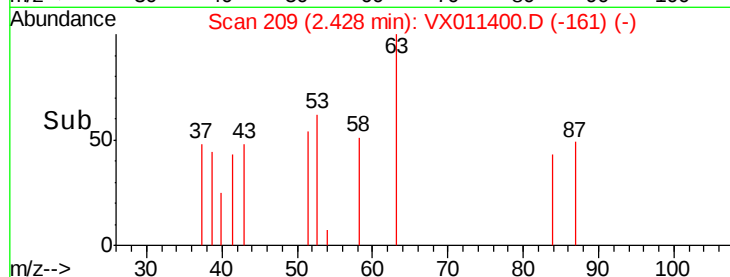
100

50

0

2.40 2.45

Time-->



#30

Chloroform

Concen: 0.205 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.01 min

Lab File: VX011400.D

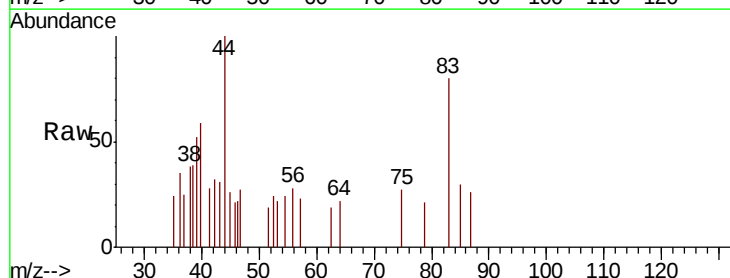
Acq: 09 Aug 2019 11:18

Tgt Ion: 83 Resp: 630

Ion Ratio Lower Upper

83 100

85 37.8 53.4 80.0#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

250

200

150

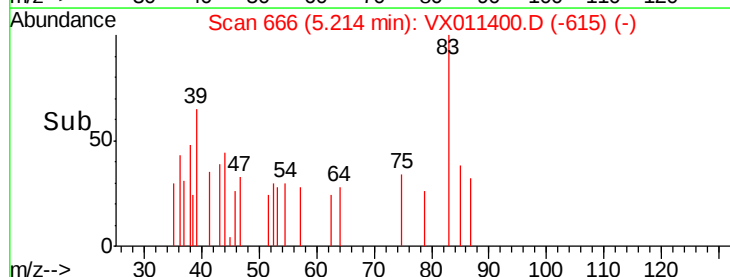
100

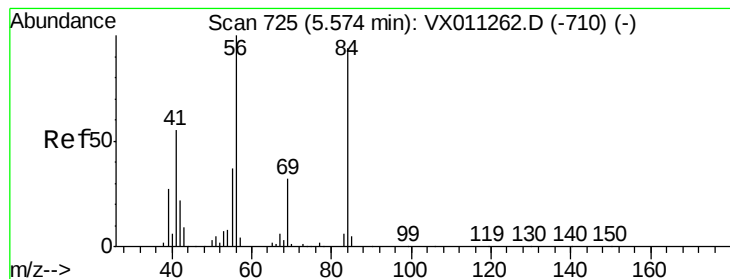
50

0

5.10 5.15 5.20 5.25

Time-->





#31

Cyclohexane

Concen: 1.543 ug/l

RT: 5.65 min Scan# 737

Delta R.T. 0.07 min

Lab File: VX011400.D

Acq: 09 Aug 2019 11:18

Instrument :

MSVOA_X

ClientSampleId :

VX0809WBL01

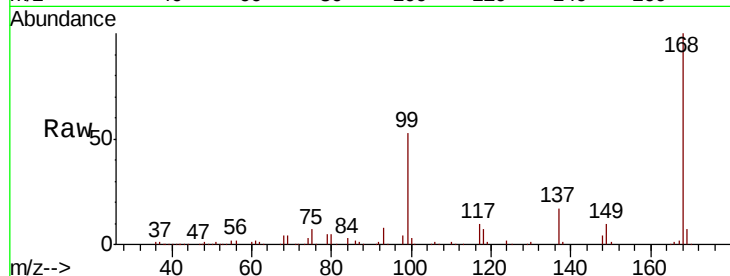
Tgt Ion: 56 Resp: 3605

Ion Ratio Lower Upper

56 100

69 166.7 25.5 38.3#

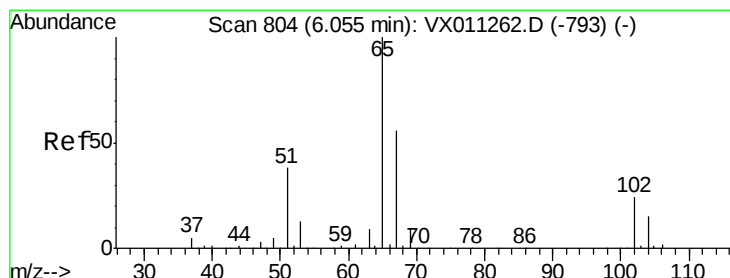
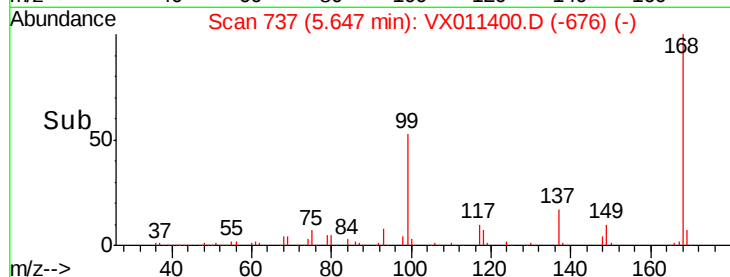
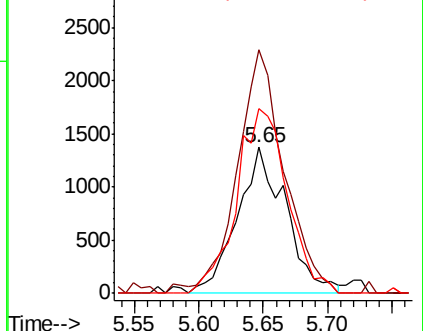
84 126.1 75.0 112.4#



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: 58.129 ug/l

RT: 6.05 min Scan# 803

Delta R.T. -0.01 min

Lab File: VX011400.D

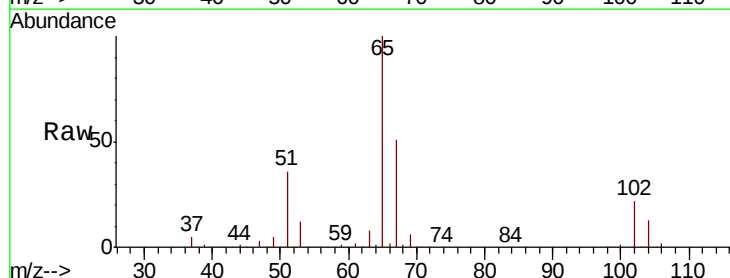
Acq: 09 Aug 2019 11:18

Tgt Ion: 65 Resp: 105437

Ion Ratio Lower Upper

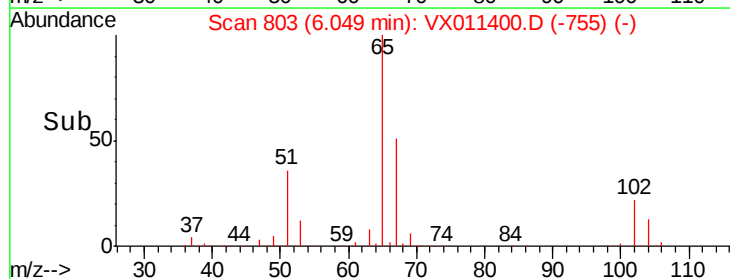
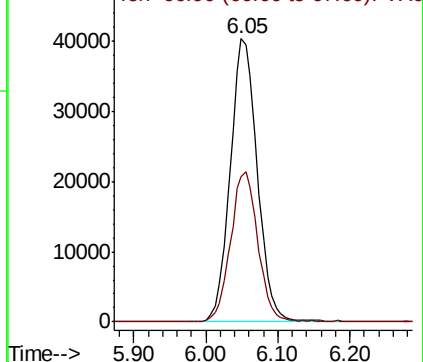
65 100

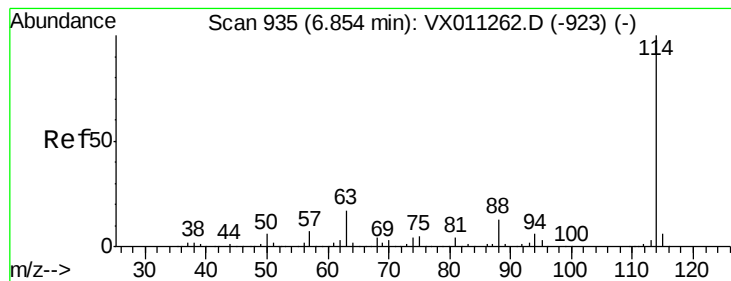
67 53.7 0.0 110.6



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# 934

Delta R.T. -0.01 min

Lab File: VX011400.D

Acq: 09 Aug 2019 11:18

Instrument :

MSVOA_X

ClientSampleId :

VX0809WBL01

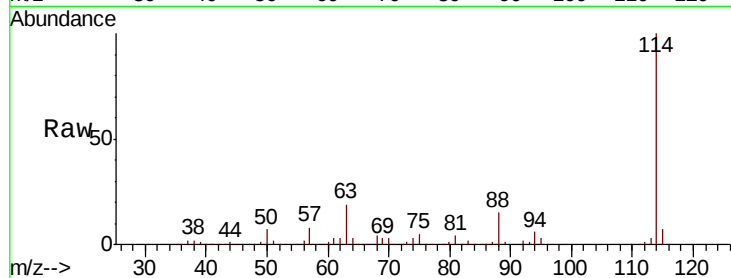
Tgt Ion:114 Resp: 265770

Ion Ratio Lower Upper

114 100

63 18.8 0.0 34.0

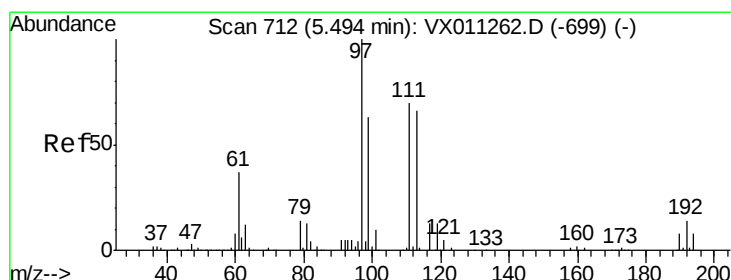
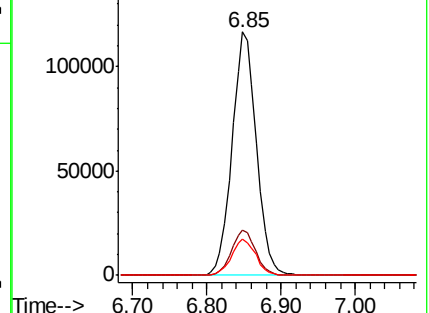
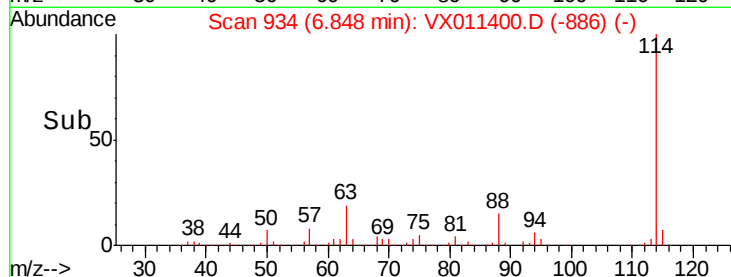
88 14.7 0.0 26.4



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: 52.562 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011400.D

Acq: 09 Aug 2019 11:18

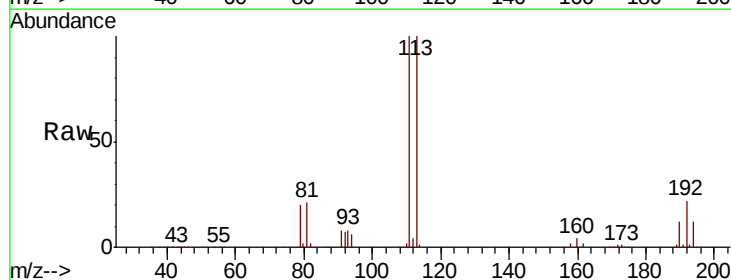
Tgt Ion:113 Resp: 91203

Ion Ratio Lower Upper

113 100

111 101.6 81.9 122.9

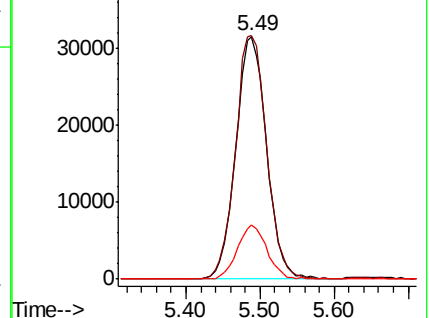
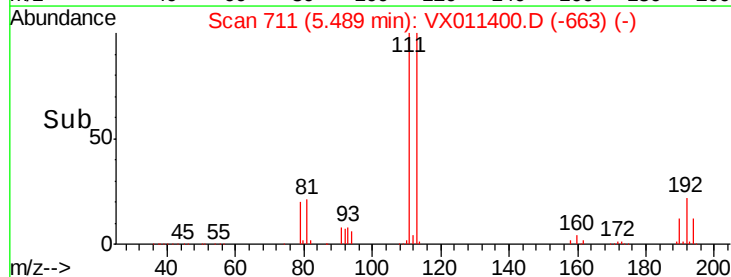
192 21.7 17.8 26.8

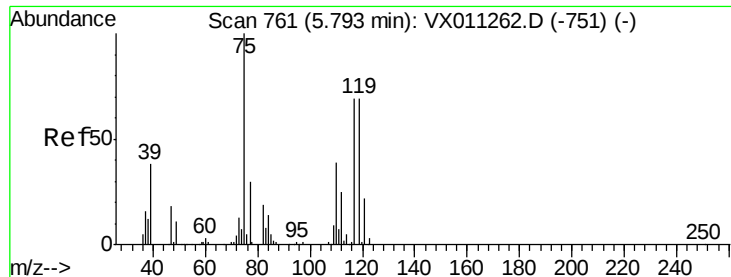


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.394 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.14 min

Lab File: VX011400.D

Acq: 09 Aug 2019 11:18

Instrument :

MSVOA_X

ClientSampleId :

VX0809WBL01

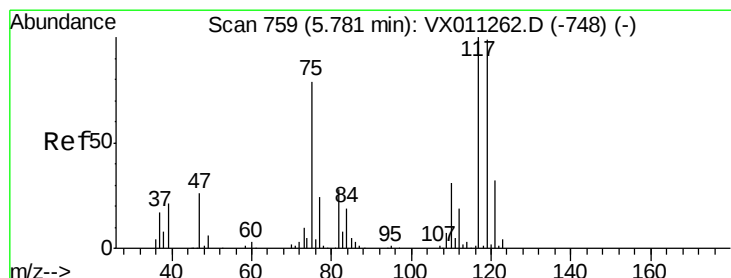
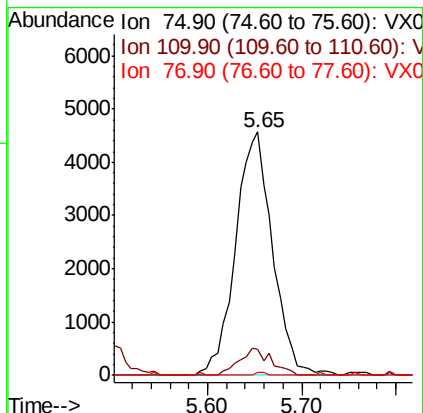
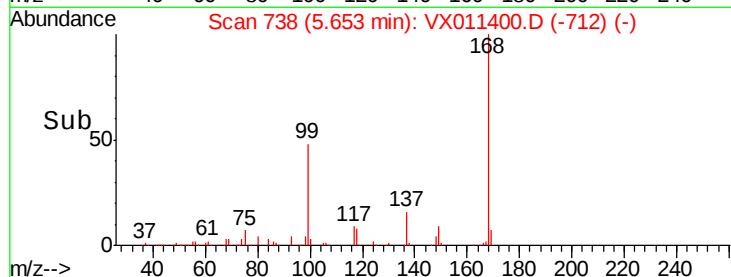
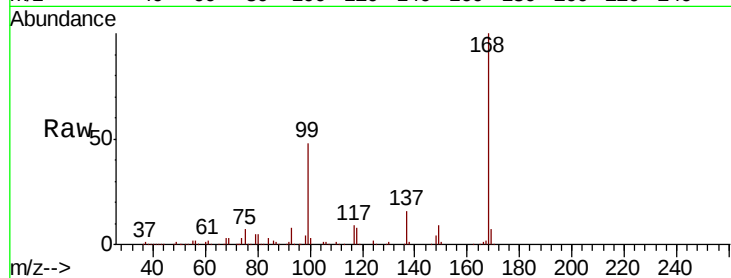
Tgt Ion: 75 Resp: 12517

Ion Ratio Lower Upper

75 100

110 9.5 20.0 59.9#

77 0.3 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 7.305 ug/l

RT: 5.65 min Scan# 737

Delta R.T. -0.13 min

Lab File: VX011400.D

Acq: 09 Aug 2019 11:18

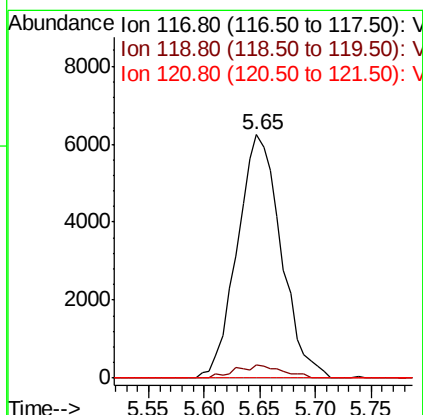
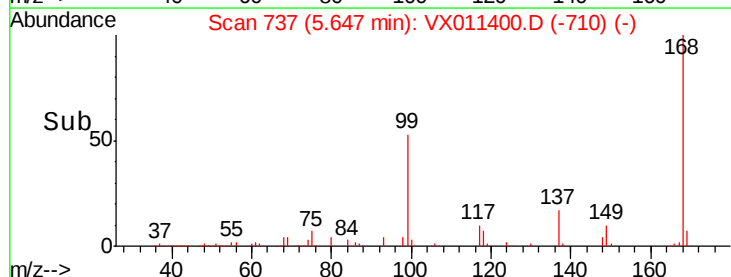
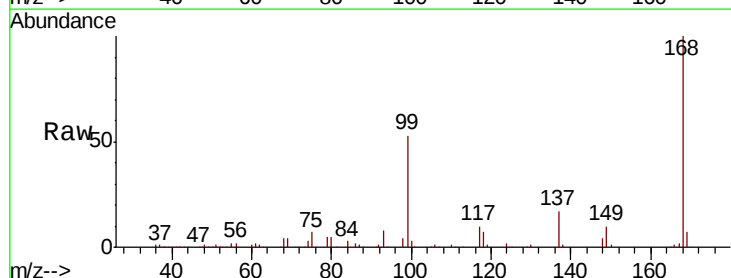
Tgt Ion: 117 Resp: 17054

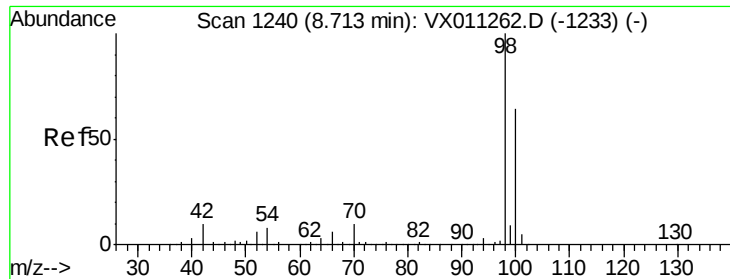
Ion Ratio Lower Upper

117 100

119 5.2 79.0 118.4#

121 0.0 25.9 38.9#





#50

Toluene-d8

Concen: 52.498 ug/l

RT: 8.71 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VX011400.D

Acq: 09 Aug 2019 11:18

Instrument :

MSVOA_X

ClientSampleId :

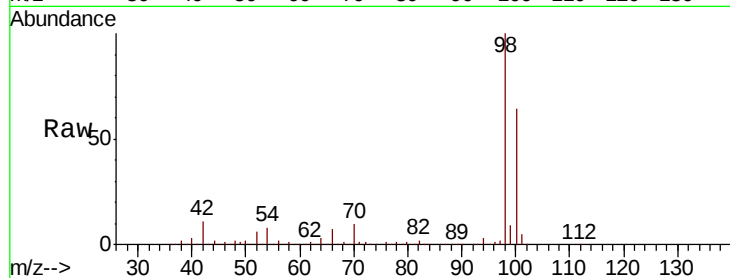
VX0809WBL01

Tgt Ion: 98 Resp: 343847

Ion Ratio Lower Upper

98 100

100 63.8 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

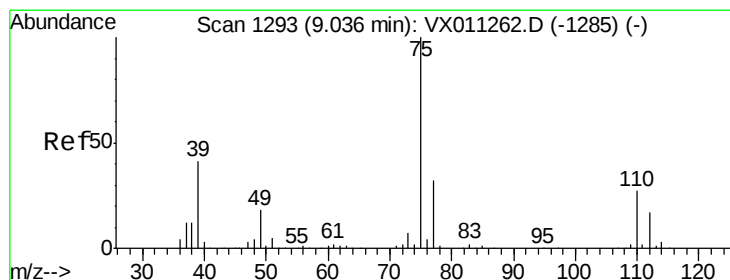
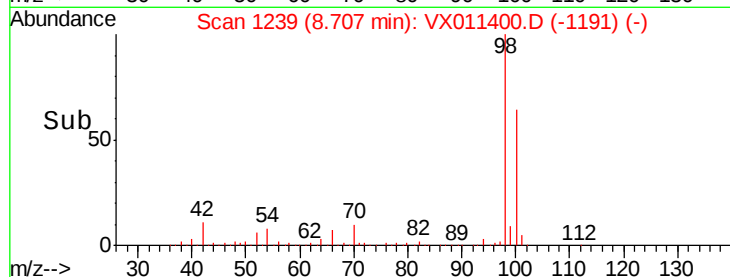
150000

100000

50000

0

Time--> 8.60 8.70 8.80



#53

t-1,3-Dichloropropene

Concen: 2.848 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX011400.D

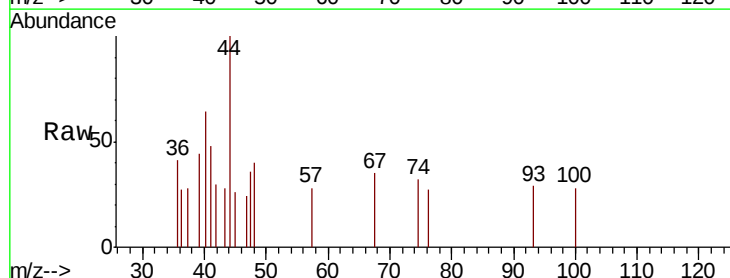
Acq: 09 Aug 2019 11:18

Tgt Ion: 75 Resp: 26

Ion Ratio Lower Upper

75 100

77 0.0 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

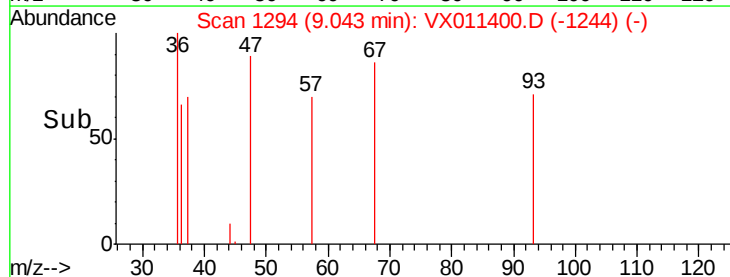
60

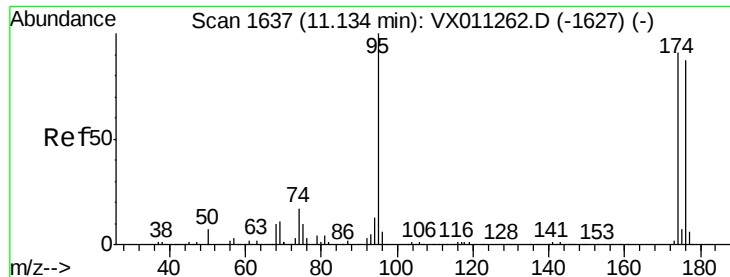
40

20

0

Time--> 9.02 9.03 9.04 9.05 9.06





#62

4-Bromofluorobenzene

Concen: 48.302 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011400.D

Acq: 09 Aug 2019 11:18

Instrument :

MSVOA_X

ClientSampleId :

VX0809WBL01

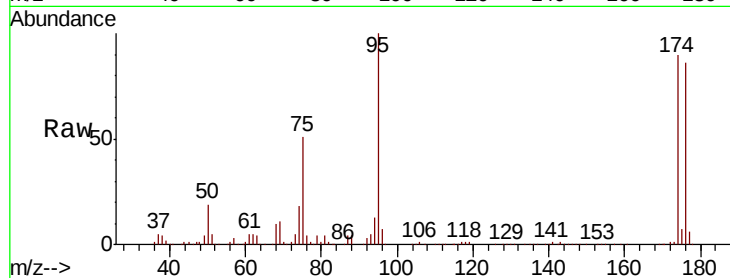
Tgt Ion: 95 Resp: 112950

Ion Ratio Lower Upper

95 100

174 91.7 0.0 191.2

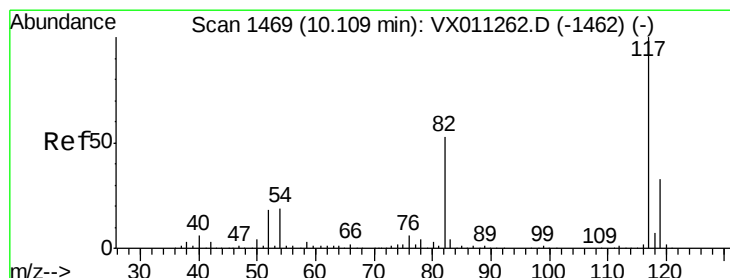
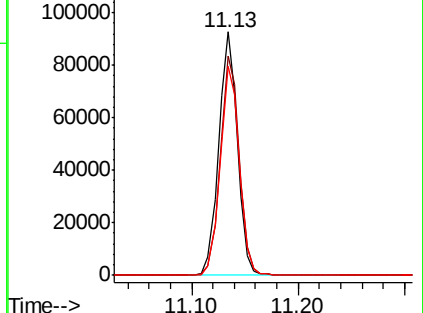
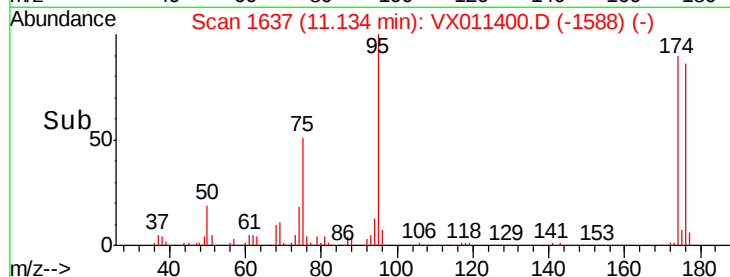
176 87.9 0.0 184.8



Abundance Ion 94.90 (94.60 to 95.60): VX011400.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX011400.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX011400.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX011400.D

Acq: 09 Aug 2019 11:18

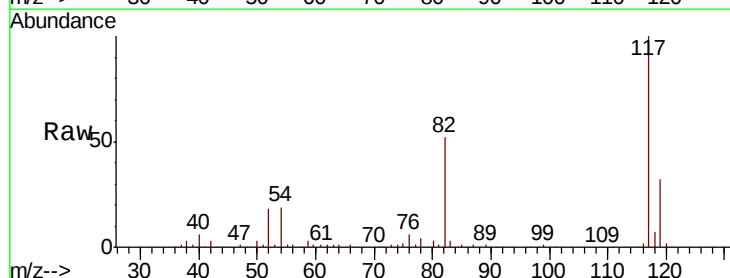
Tgt Ion: 117 Resp: 238018

Ion Ratio Lower Upper

117 100

82 52.1 42.2 63.2

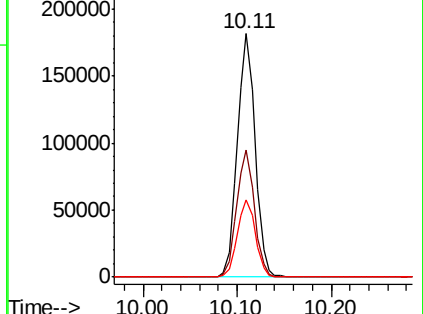
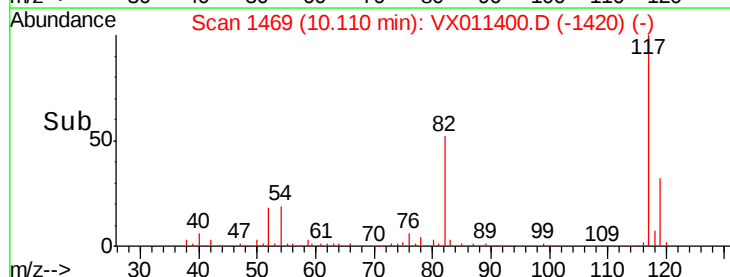
119 31.8 26.6 39.8

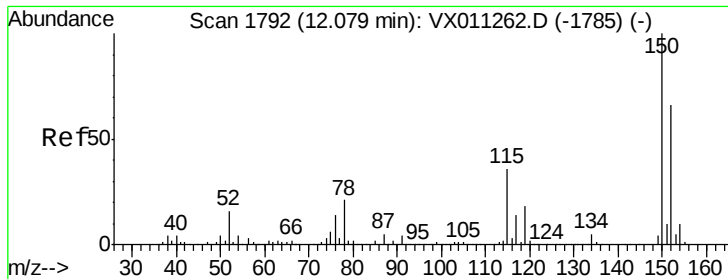


Abundance Ion 116.90 (116.60 to 117.60): VX011400.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX011400.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX011400.D (-1420) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX011400.D

Acq: 09 Aug 2019 11:18

Instrument :

MSVOA_X

ClientSampleId :

VX0809WBL01

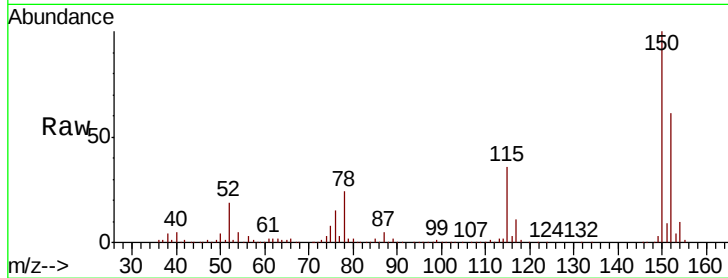
Tgt Ion:152 Resp: 109440

Ion Ratio Lower Upper

152 100

115 55.9 40.0 119.9

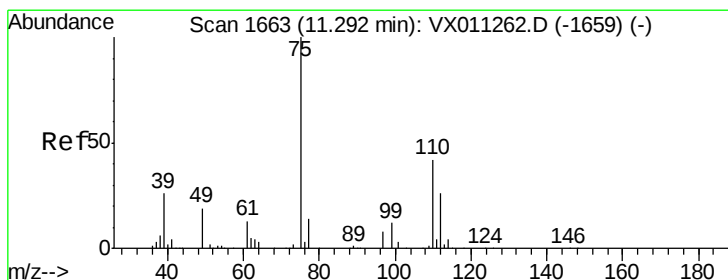
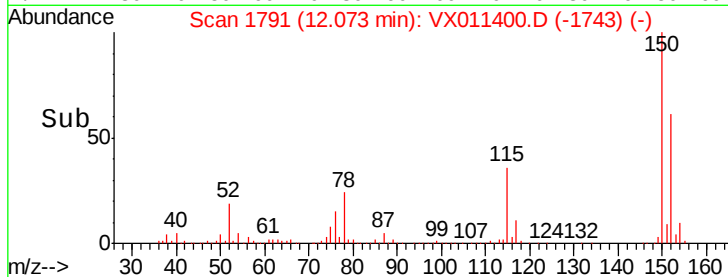
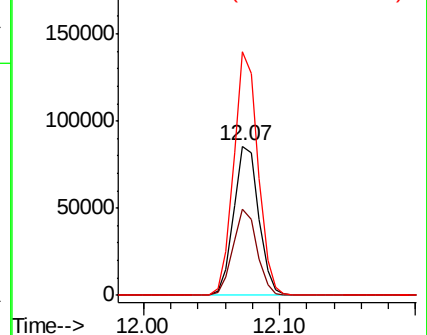
150 158.3 0.0 350.4



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: 29.052 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX011400.D

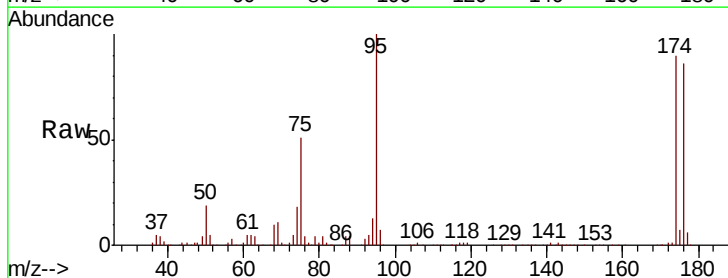
Acq: 09 Aug 2019 11:18

Tgt Ion: 75 Resp: 57901

Ion Ratio Lower Upper

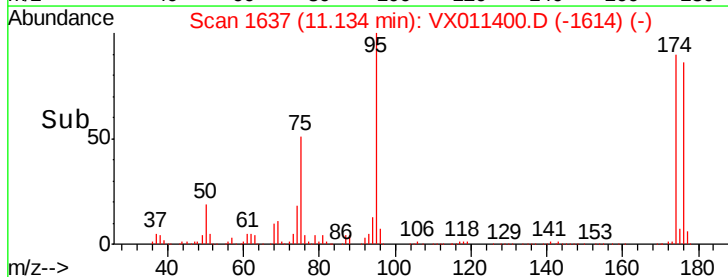
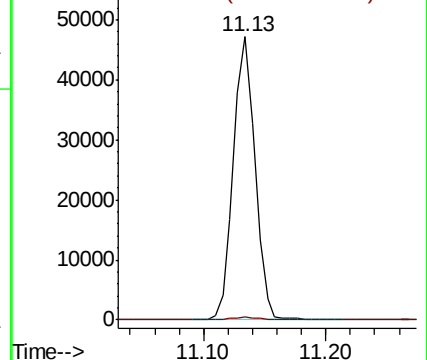
75 100

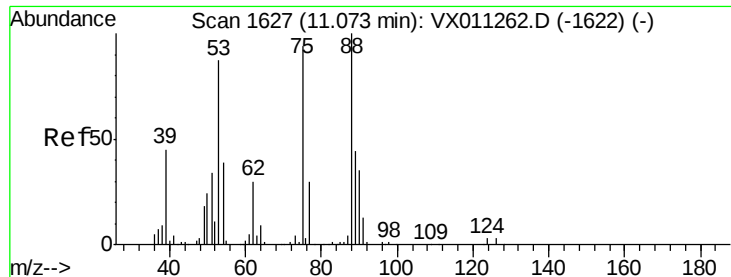
77 1.4 21.1 63.4#



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: 75.079 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX011400.D

Acq: 09 Aug 2019 11:18

Instrument :

MSVOA_X

ClientSampleId :

VX0809WBL01

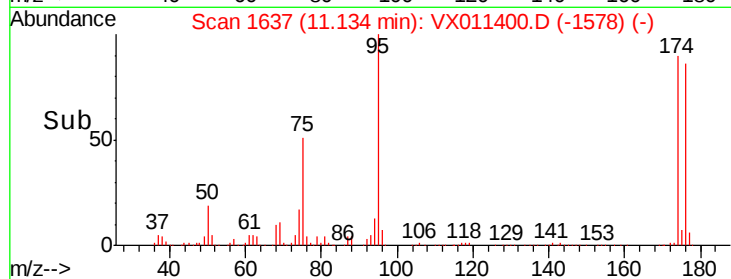
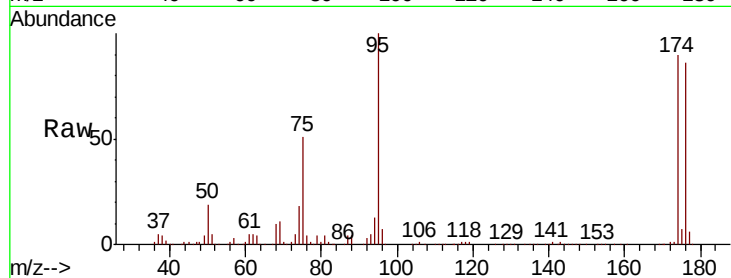
Tgt Ion: 75 Resp: 57901

Ion Ratio Lower Upper

75 100

53 0.1 78.2 117.4#

89 0.0 37.9 56.9#



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

