

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092718\
 Data File : VX004773.D
 Acq On : 27 Sep 2018 14:50
 Operator : JC/MD
 Sample : J5048-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-83-SEP18

Quant Time: Sep 28 12:51:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

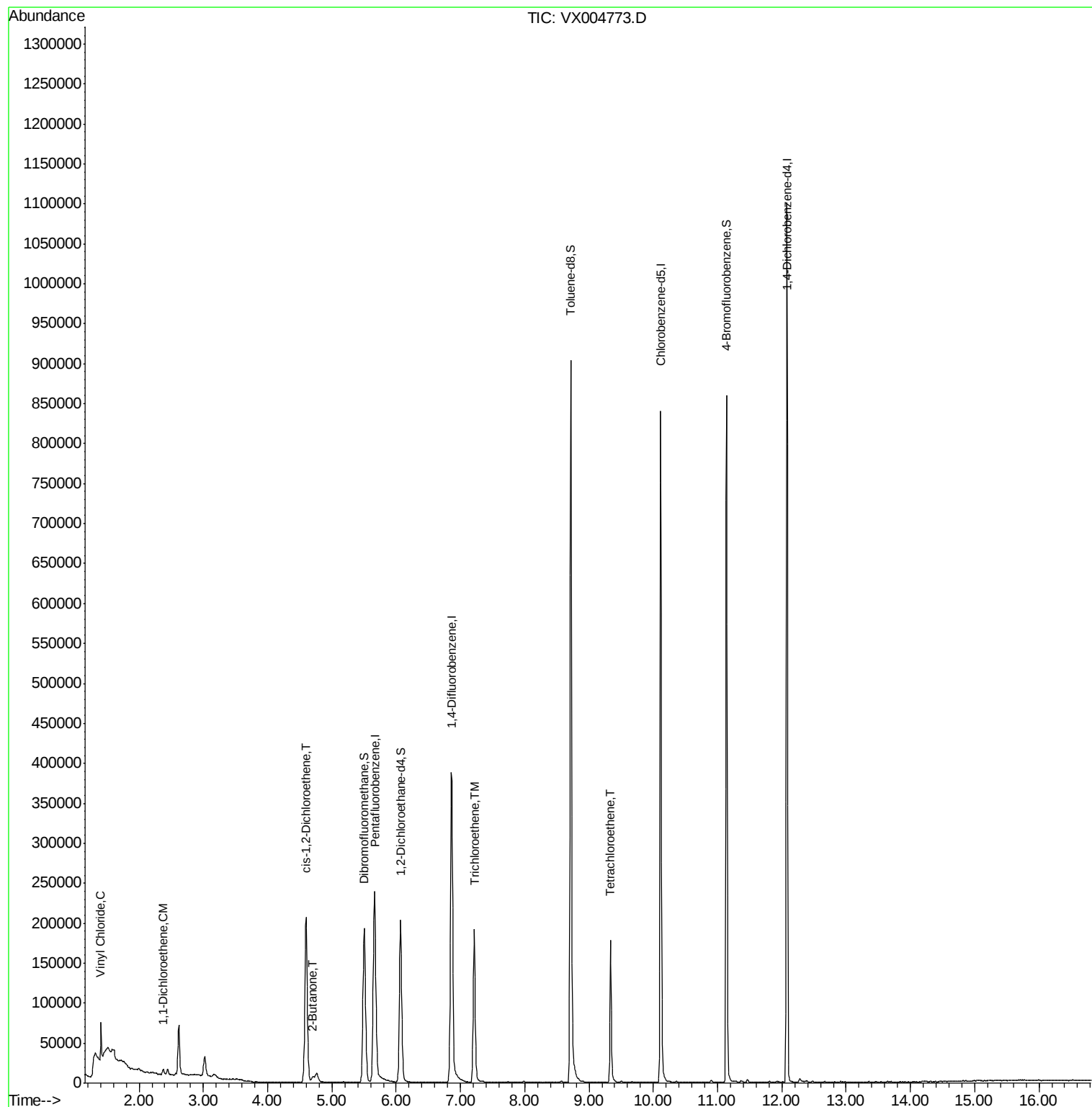
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	258573	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	418890	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	406121	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	227221	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	192445	52.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.20%	
35) Dibromofluoromethane	5.50	113	163036	45.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.84%	
50) Toluene-d8	8.71	98	603838	51.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.32%	
62) 4-Bromofluorobenzene	11.14	95	219536	51.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.26%	
Target Compounds						
4) Vinyl Chloride	1.40	62	35167	8.766	ug/l #	73
12) 1,1-Dichloroethene	2.37	96	2502	0.893	ug/l	95
25) 2-Butanone	4.71	43	13115	4.126	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	133103	38.848	ug/l	94
44) Trichloroethene	7.21	130	76980	20.650	ug/l	91
64) Tetrachloroethene	9.34	164	38746	9.693	ug/l	98

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

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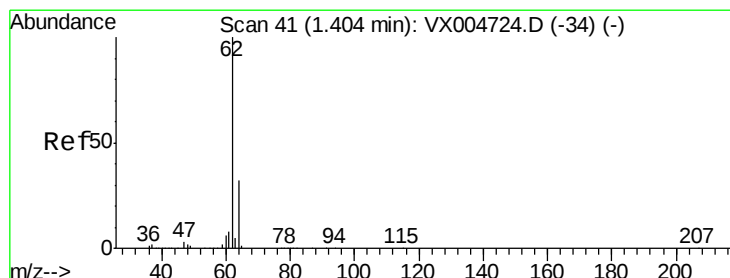
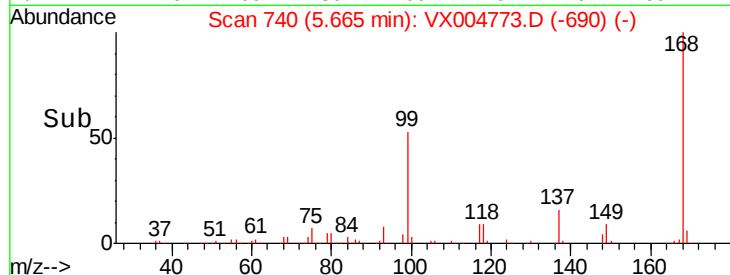
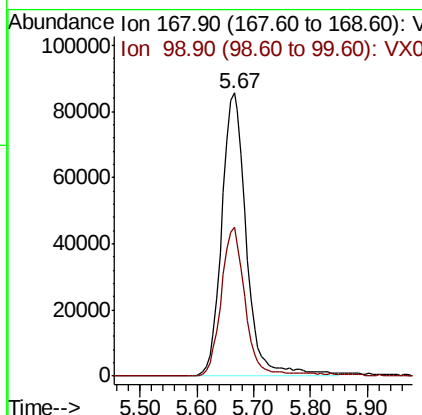
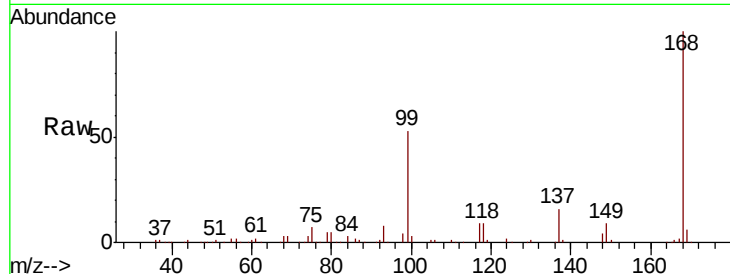




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX004773.D
Acq: 27 Sep 2018 14:50

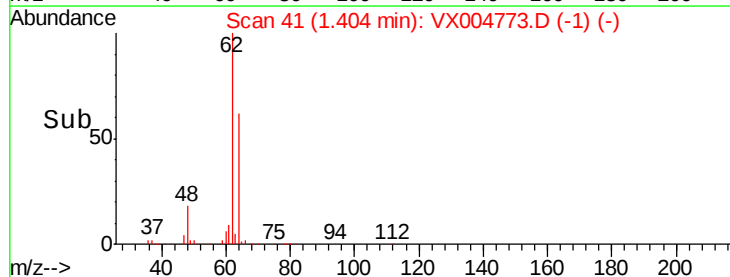
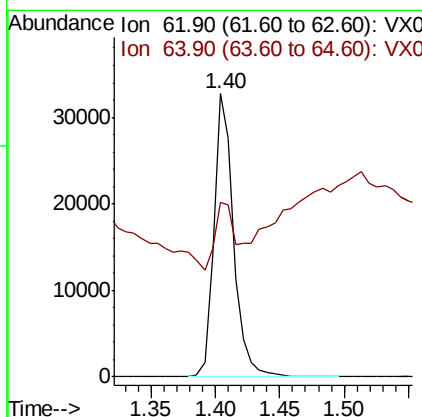
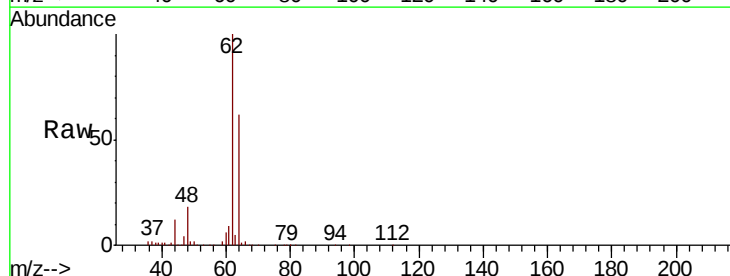
Instrument :
MSVOA_X
ClientSampleId :
MW-83-SEP18

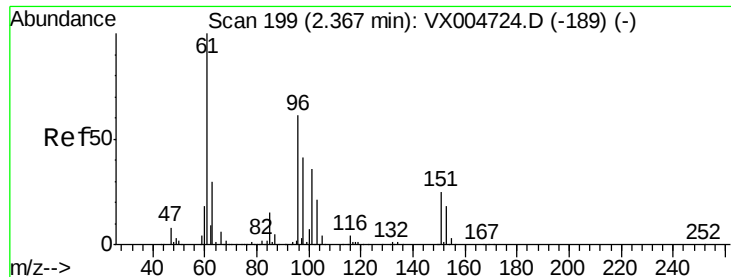
Tot Ion:168 Resp: 258573
Ion Ratio Lower Upper
168 100
99 52.8 39.9 59.9



#4
Vinyl Chloride
Concen: 8.766 ug/l
RT: 1.40 min Scan# 41
Delta R.T. -0.00 min
Lab File: VX004773.D
Acq: 27 Sep 2018 14:50

Tgt Ion: 62 Resp: 35167
Ion Ratio Lower Upper
62 100
64 17.4 25.8 38.8#





#12

1,1-Dichloroethene

Concen: 0.893 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.01 min

Lab File: VX004773.D

Acq: 27 Sep 2018 14:50

Instrument :

MSVOA_X

ClientSampleId :

MW-83-SEP18

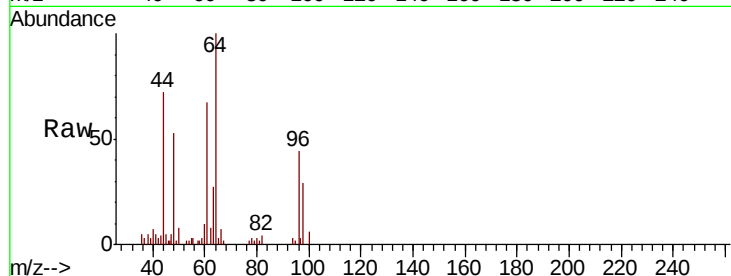
Tot Ion: 96 Resp: 2502

Ion Ratio Lower Upper

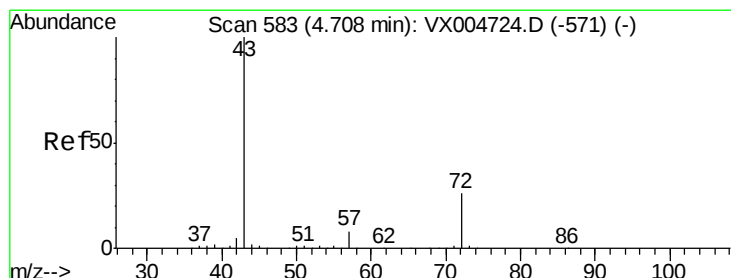
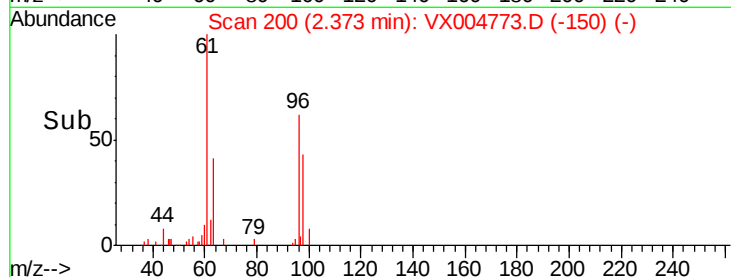
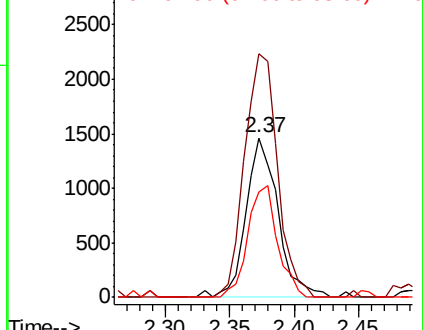
96 100

61 152.8 128.8 193.2

98 66.4 52.2 78.2



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#25

2-Butanone

Concen: 4.126 ug/l

RT: 4.71 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX004773.D

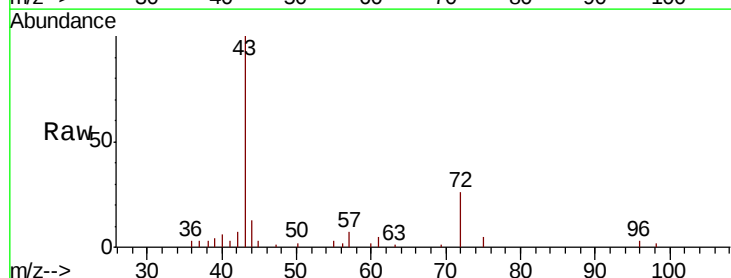
Acq: 27 Sep 2018 14:50

Tgt Ion: 43 Resp: 13115

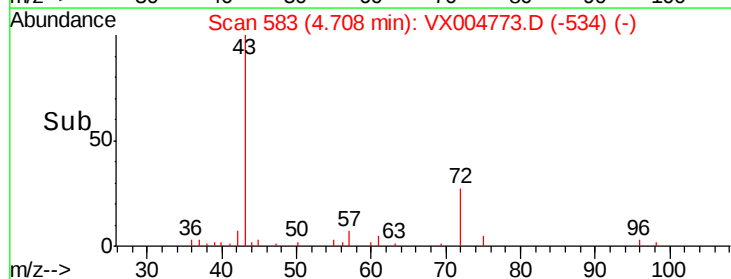
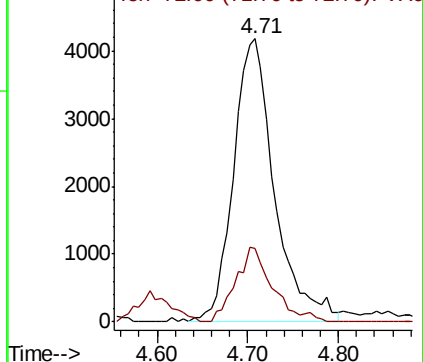
Ion Ratio Lower Upper

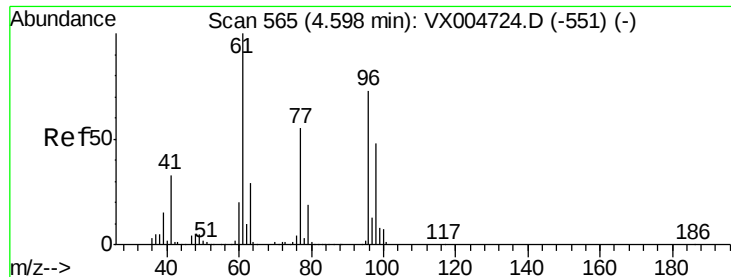
43 100

72 26.0 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0





#27

cis-1,2-Dichloroethene

Concen: 38.848 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX004773.D

Acq: 27 Sep 2018 14:50

Instrument :

MSVOA_X

ClientSampleId :

MW-83-SEP18

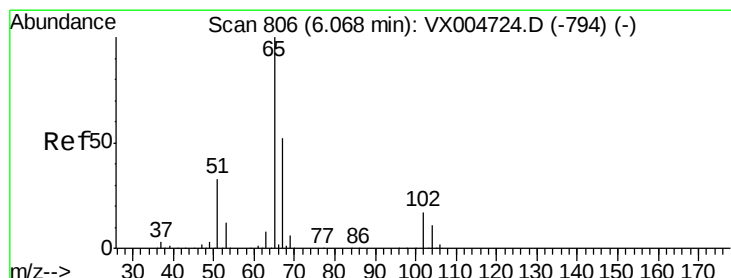
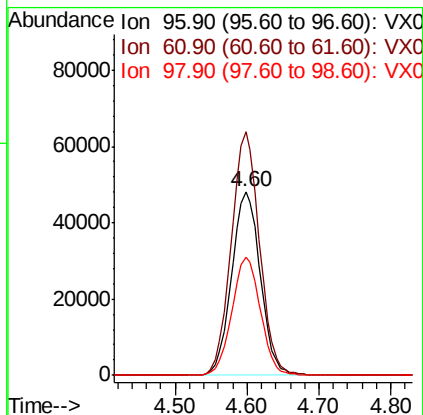
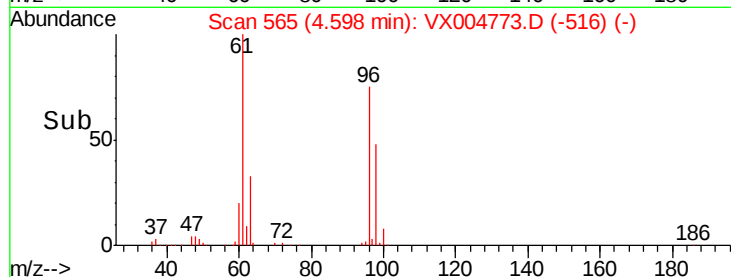
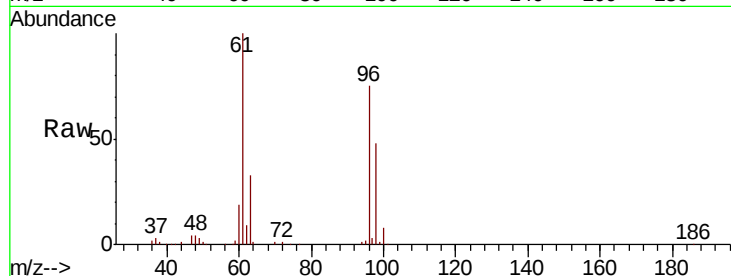
Tot Ion: 96 Resp: 133103

Ion Ratio Lower Upper

96 100

61 130.9 0.0 282.6

98 64.2 0.0 130.2



#33

1,2-Dichloroethane-d4

Concen: 52.101 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004773.D

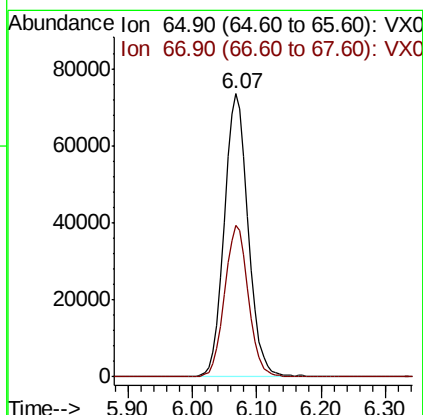
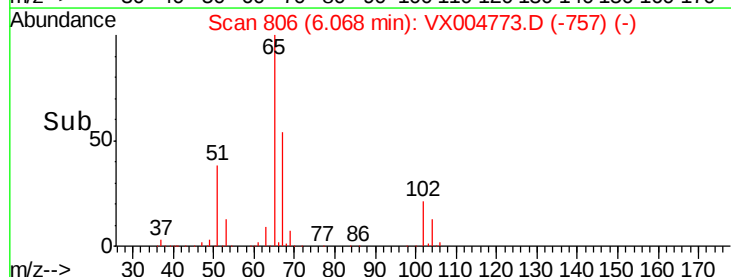
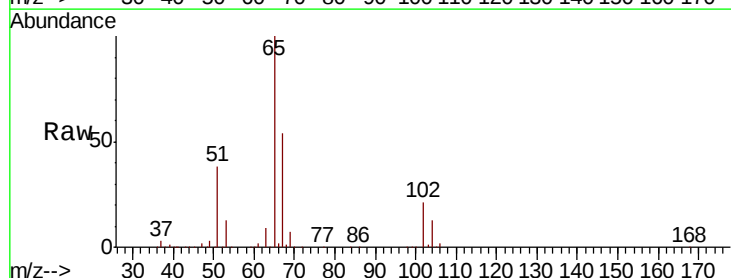
Acq: 27 Sep 2018 14:50

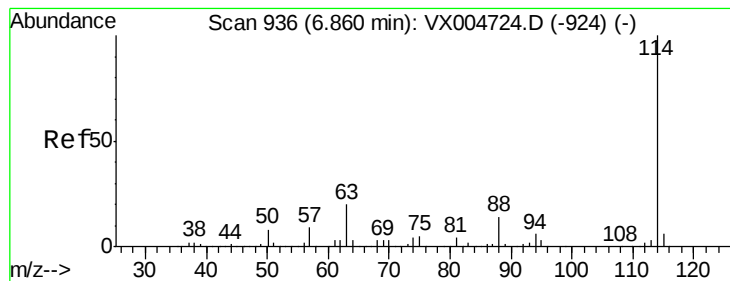
Tgt Ion: 65 Resp: 192445

Ion Ratio Lower Upper

65 100

67 53.3 0.0 106.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX004773.D

Acq: 27 Sep 2018 14:50

Instrument :

MSVOA_X

ClientSampleId :

MW-83-SEP18

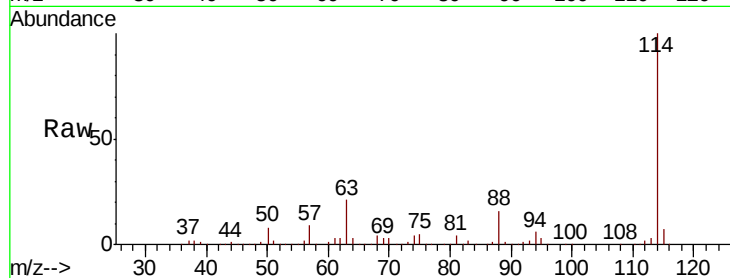
Tot Ion:114 Resp: 418890

Ion Ratio Lower Upper

114 100

63 21.2 0.0 39.0

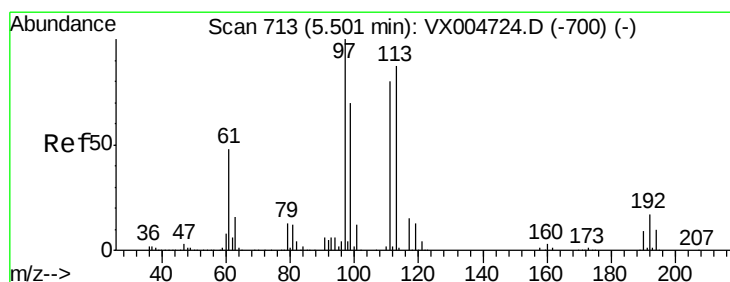
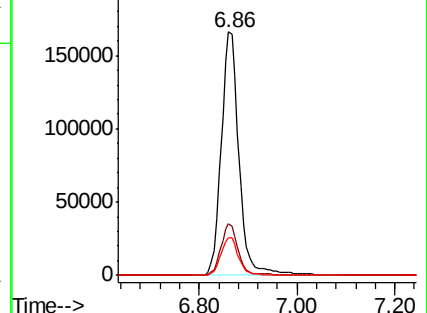
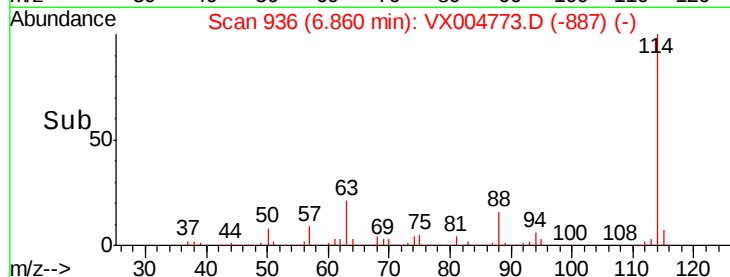
88 15.7 0.0 30.4



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: 45.924 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX004773.D

Acq: 27 Sep 2018 14:50

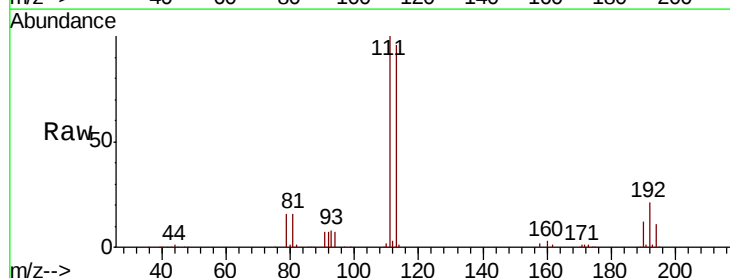
Tgt Ion:113 Resp: 163036

Ion Ratio Lower Upper

113 100

111 102.5 82.4 123.6

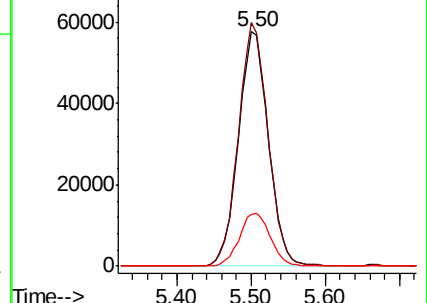
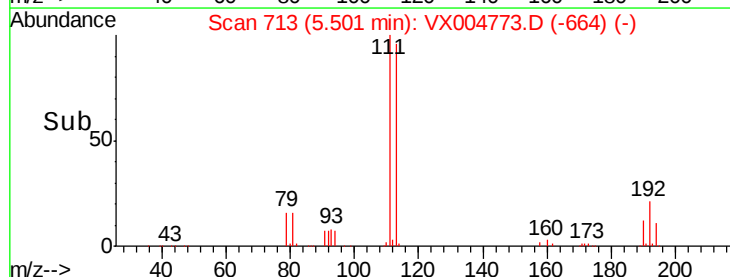
192 23.2 19.4 29.2

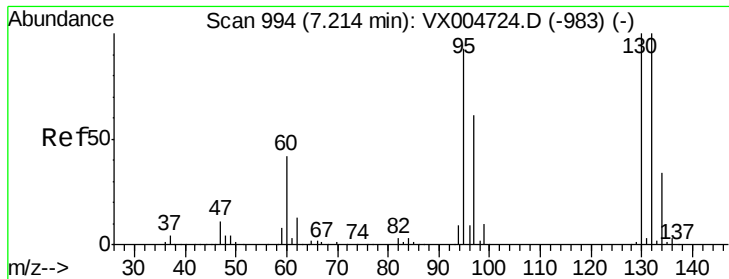


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 20.650 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX004773.D

Acq: 27 Sep 2018 14:50

Instrument :

MSVOA_X

ClientSampleId :

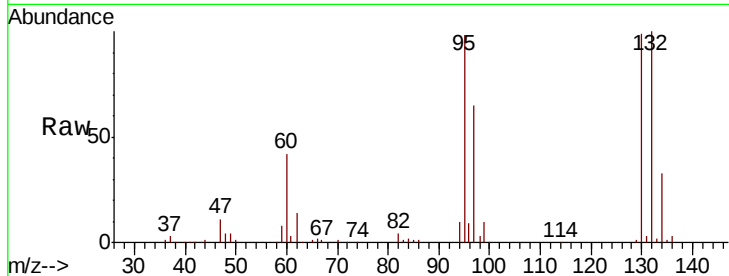
MW-83-SEP18

Tot Ion:130 Resp: 76980

Ion Ratio Lower Upper

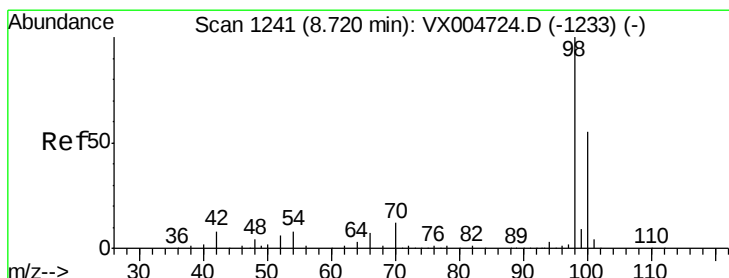
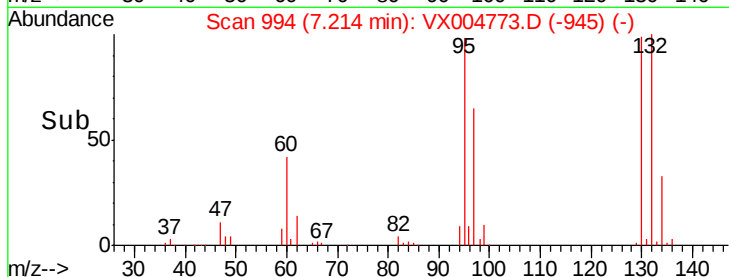
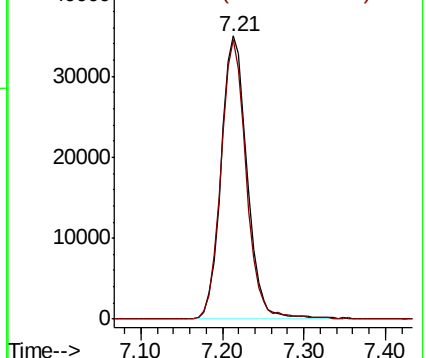
130 100

95 98.9 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 51.162 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VX004773.D

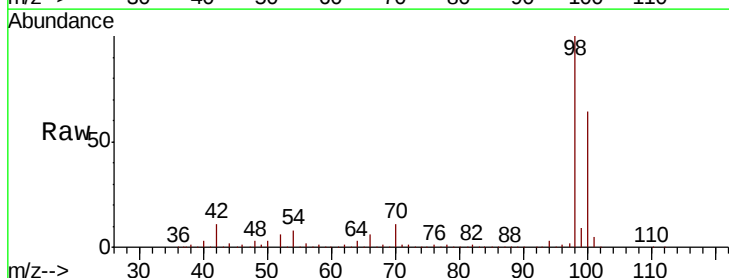
Acq: 27 Sep 2018 14:50

Tgt Ion: 98 Resp: 603838

Ion Ratio Lower Upper

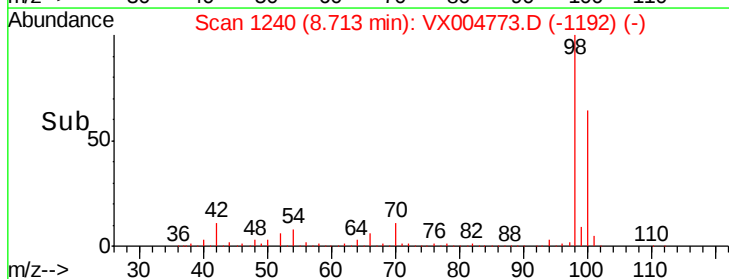
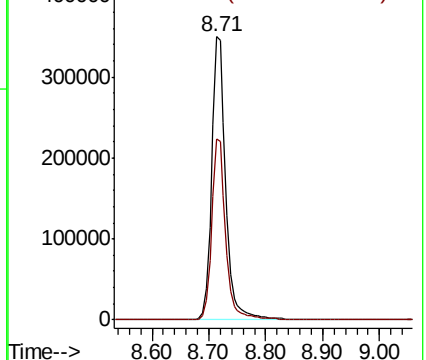
98 100

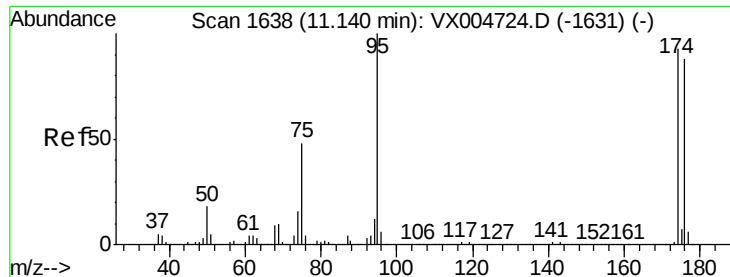
100 63.4 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

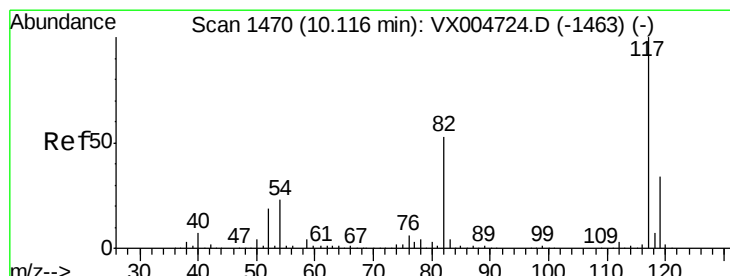
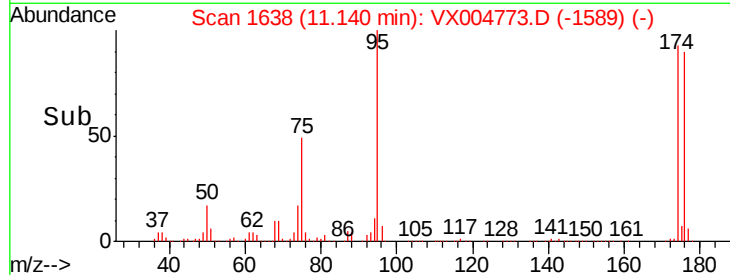
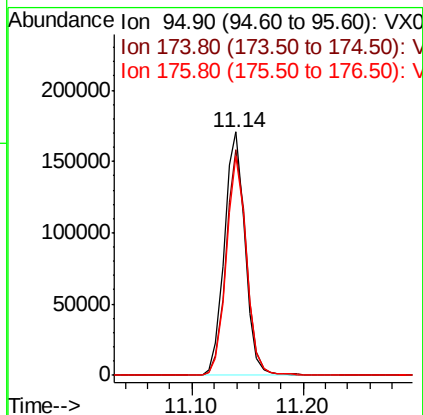
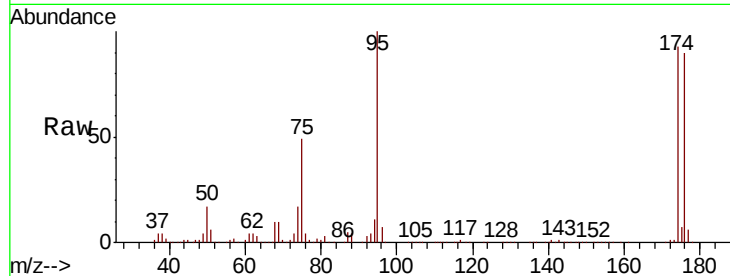




#62
4-Bromofluorobenzene
Concen: 51.633 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004773.D
Acq: 27 Sep 2018 14:50

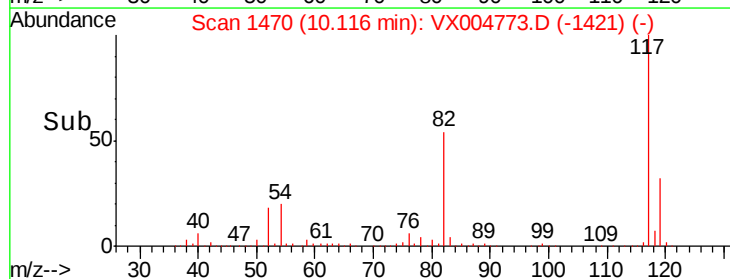
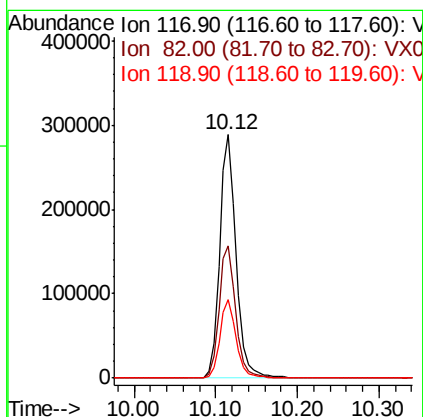
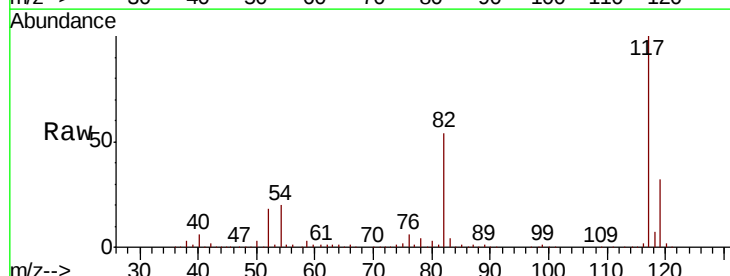
Instrument :
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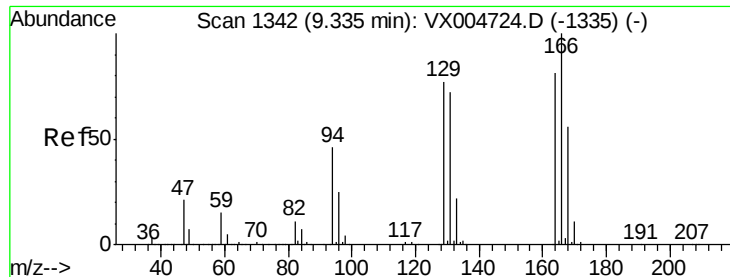
Tot Ion: 95 Resp: 219536
Ion Ratio Lower Upper
95 100
174 91.1 0.0 185.2
176 87.9 0.0 178.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004773.D
Acq: 27 Sep 2018 14:50

Tgt Ion: 117 Resp: 406121
Ion Ratio Lower Upper
117 100
82 54.1 47.8 71.6
119 32.1 29.3 43.9





#64

Tetrachloroethene

Concen: 9.693 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX004773.D

Acq: 27 Sep 2018 14:50

Instrument :

MSVOA_X

ClientSampleId :

MW-83-SEP18

Tot Ion:164 Resp: 38746

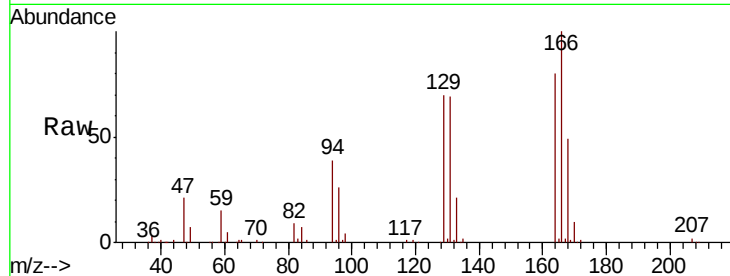
Ion Ratio Lower Upper

164 100

166 125.7 102.8 154.2

129 88.0 69.4 104.0

131 87.2 67.9 101.9



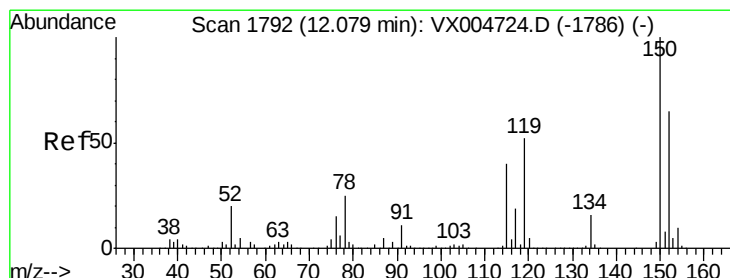
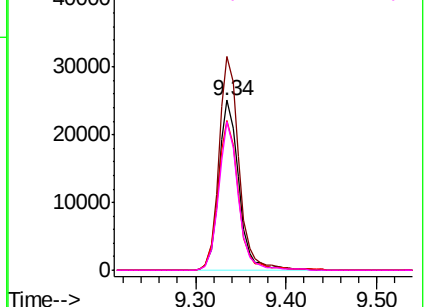
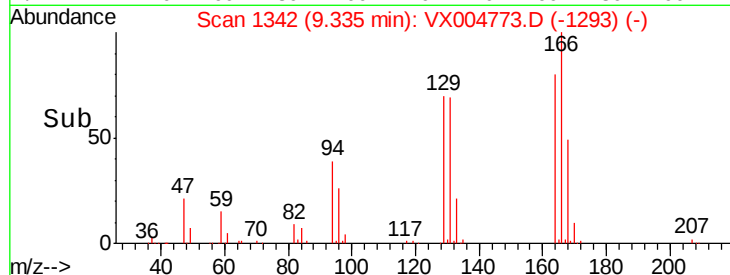
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004773.D

Acq: 27 Sep 2018 14:50

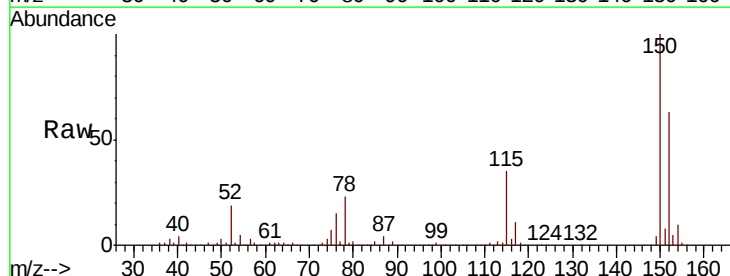
Tgt Ion:152 Resp: 227221

Ion Ratio Lower Upper

152 100

115 55.1 39.0 117.0

150 157.7 0.0 351.0



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

