

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052919\
 Data File : VX009939.D
 Acq On : 29 May 2019 14:53
 Operator : JC/SP
 Sample : K3077-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0662

Quant Time: May 30 02:11:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

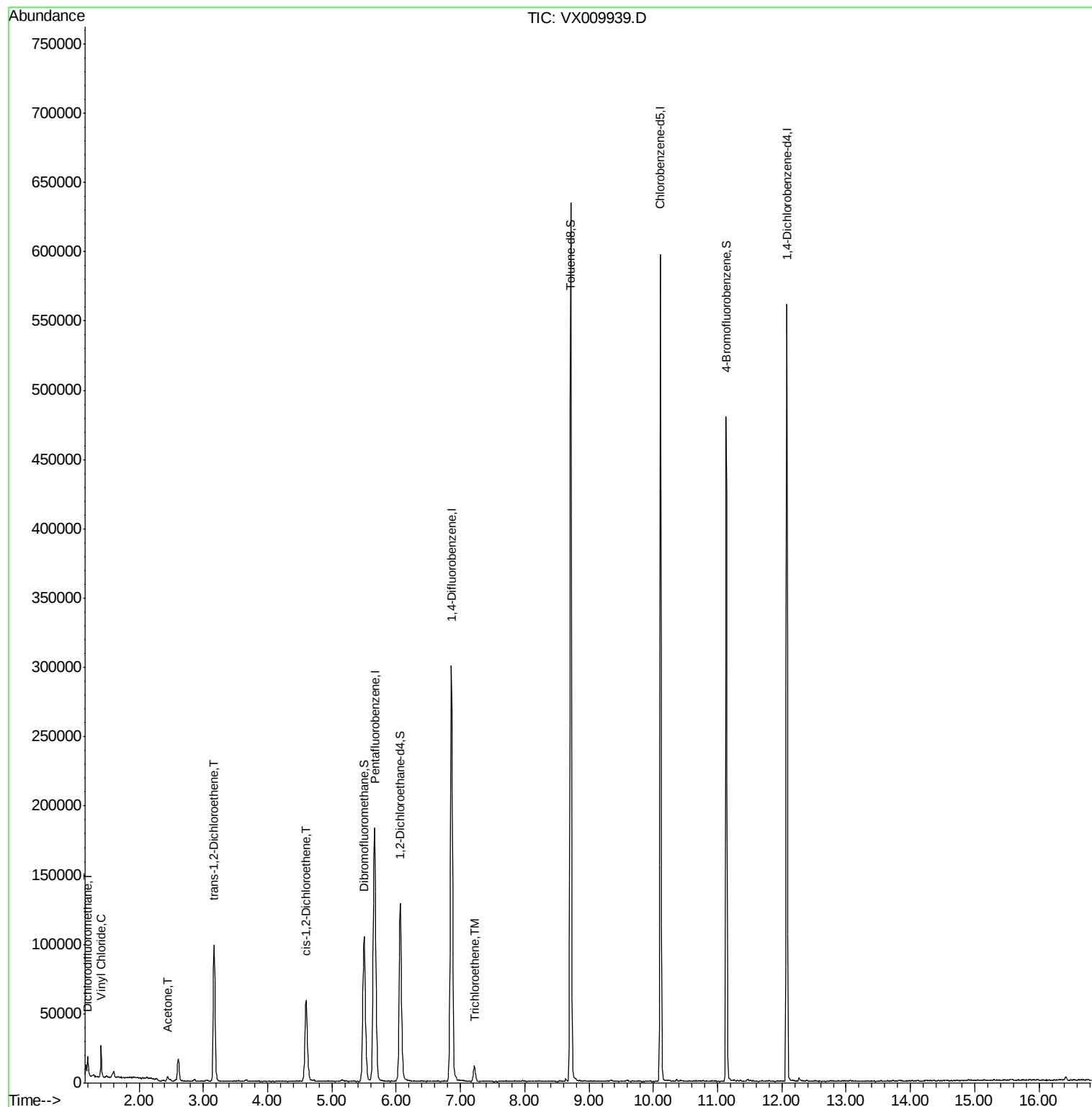
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	178176	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	285351	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	258719	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	112111	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	122576	48.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.40%	
35) Dibromofluoromethane	5.50	113	88355	49.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.50%	
50) Toluene-d8	8.71	98	365776	50.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.42%	
62) 4-Bromofluorobenzene	11.13	95	121582	46.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.92%	
Target Compounds						
2) Dichlorodifluoromethane	1.20	85	7267	3.338	ug/l	97
4) Vinyl Chloride	1.41	62	14841	5.624	ug/l	99
16) Acetone	2.44	43	4061	2.793	ug/l	90
21) trans-1,2-Dichloroethene	3.17	96	38641	19.246	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	35555	15.341	ug/l	89
44) Trichloroethene	7.22	130	4022	1.928	ug/l	95

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

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009939.D

Acq: 29 May 2019 14:53

Instrument :

MSVOA_X

ClientSampleId :

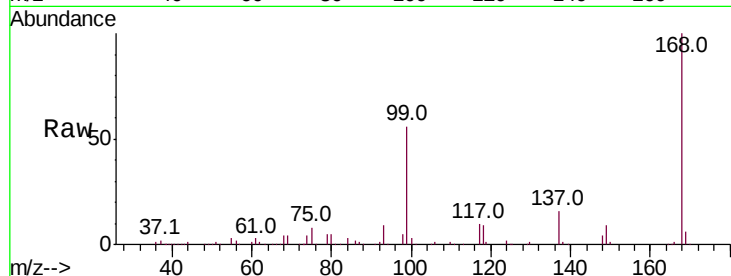
S32-0662

Tot Ion:168 Resp: 178176

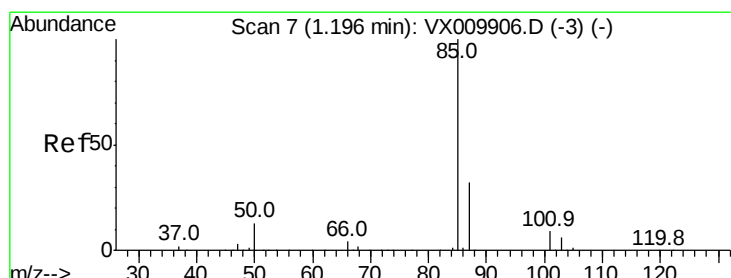
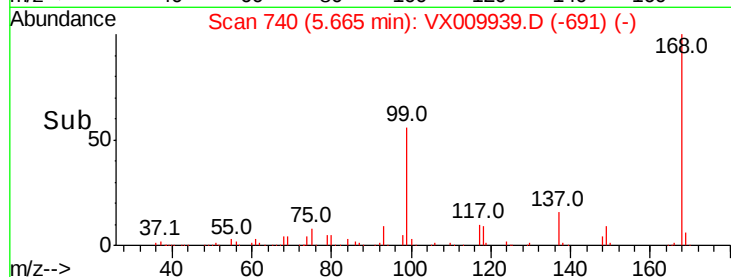
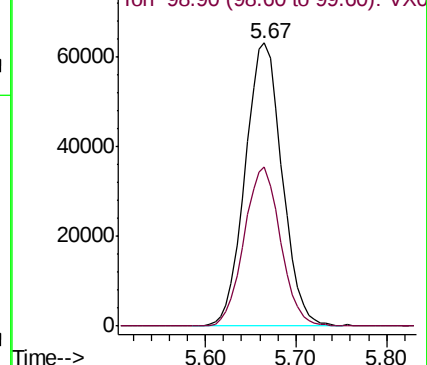
Ion Ratio Lower Upper

168 100

99 56.2 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): VX009939.D (-691) (-)



#2

Dichlorodifluoromethane

Concen: 3.338 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX009939.D

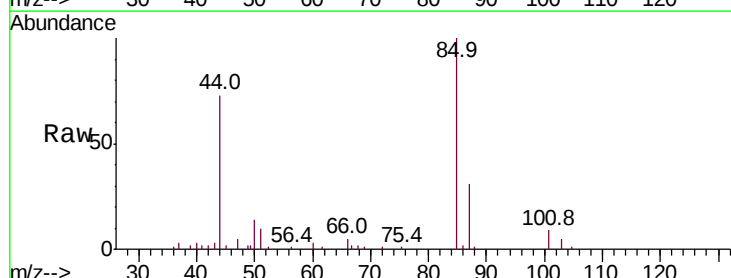
Acq: 29 May 2019 14:53

Tgt Ion: 85 Resp: 7267

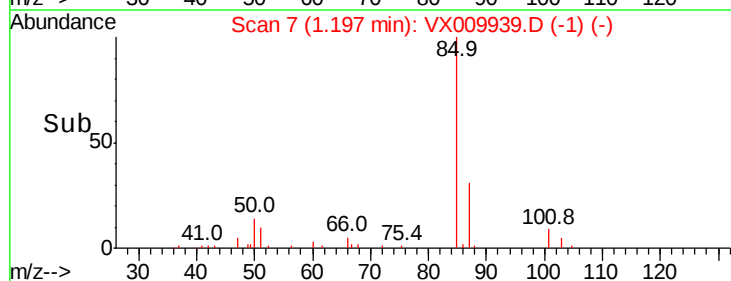
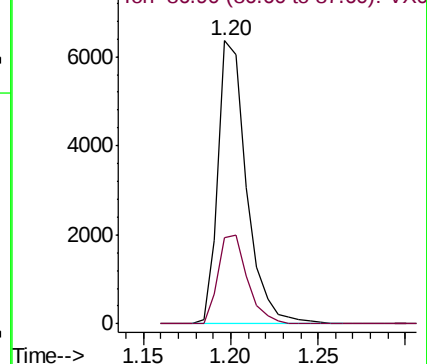
Ion Ratio Lower Upper

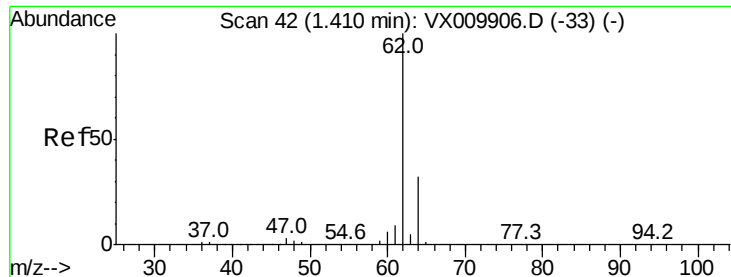
85 100

87 30.5 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX009939.D (-1) (-)





#4

Vinyl Chloride

Concen: 5.624 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX009939.D

Acq: 29 May 2019 14:53

Instrument :

MSVOA_X

ClientSampled :

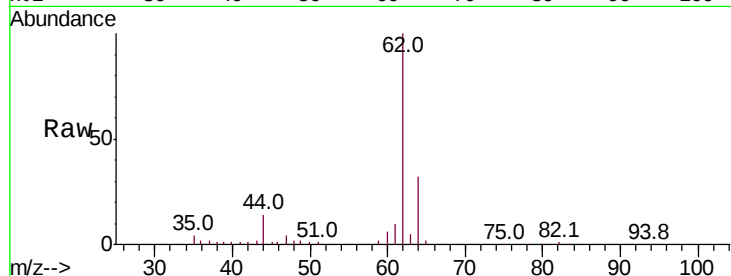
S32-0662

Tot Ion: 62 Resp: 14841

Ion Ratio Lower Upper

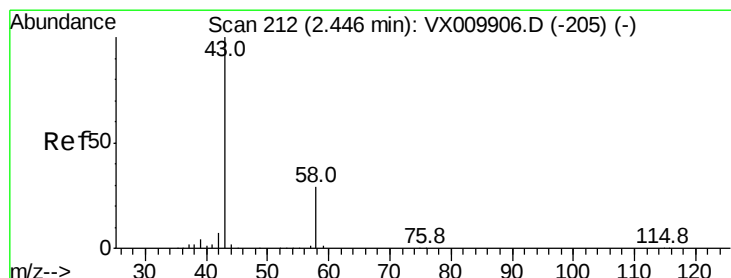
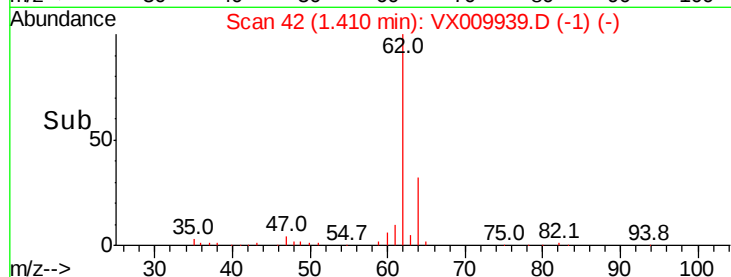
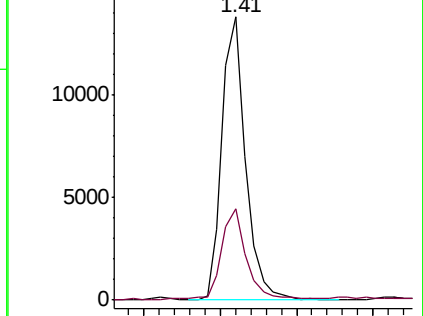
62 100

64 31.7 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



#16

Acetone

Concen: 2.793 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009939.D

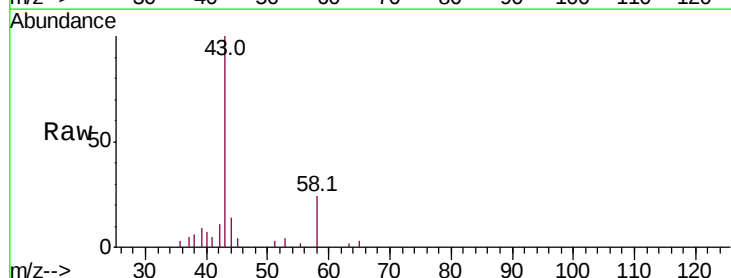
Acq: 29 May 2019 14:53

Tgt Ion: 43 Resp: 4061

Ion Ratio Lower Upper

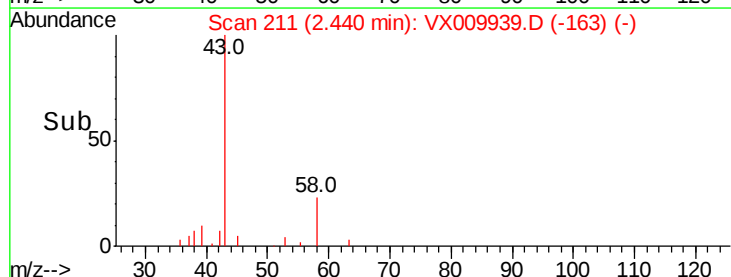
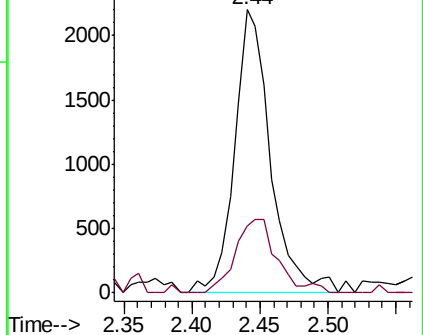
43 100

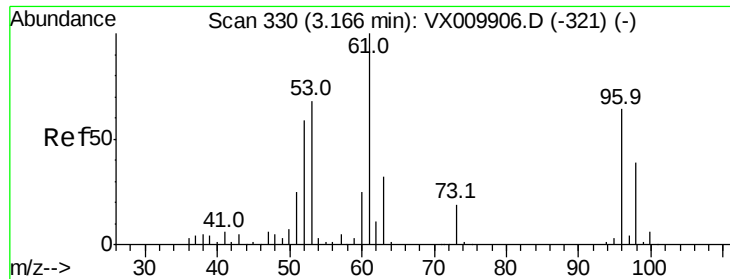
58 23.8 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#21

trans-1,2-Dichloroethene

Concen: 19.246 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX009939.D

Acq: 29 May 2019 14:53

Instrument :

MSVOA_X

ClientSampleId :

S32-0662

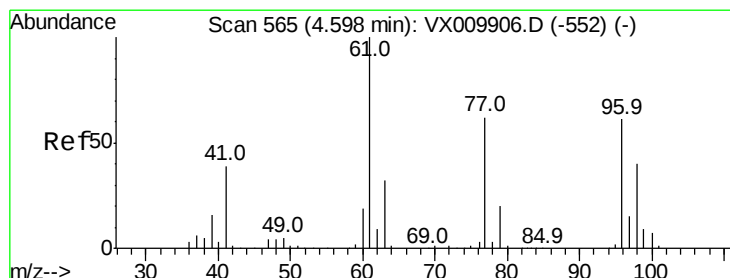
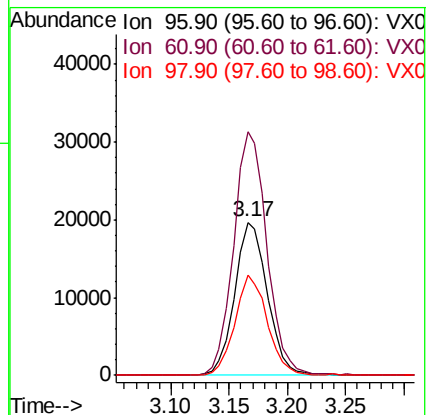
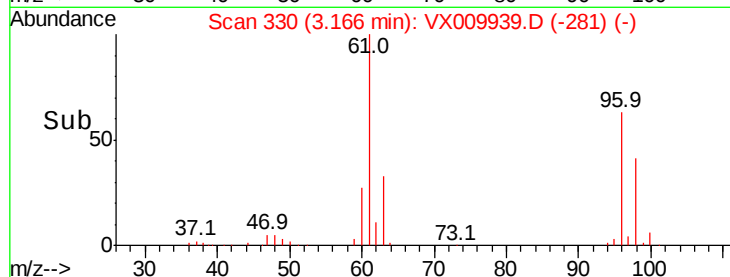
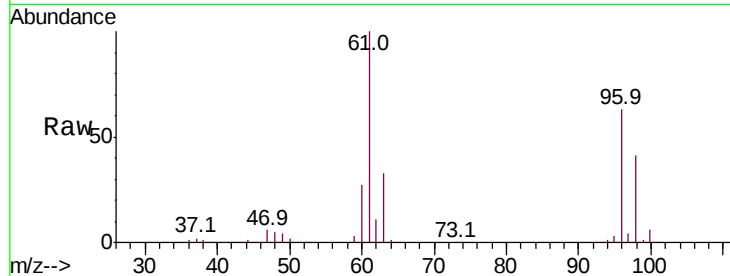
Tot Ion: 96 Resp: 38641

Ion Ratio Lower Upper

96 100

61 159.1 125.7 188.5

98 65.5 49.0 73.6



#27

cis-1,2-Dichloroethene

Concen: 15.341 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.00 min

Lab File: VX009939.D

Acq: 29 May 2019 14:53

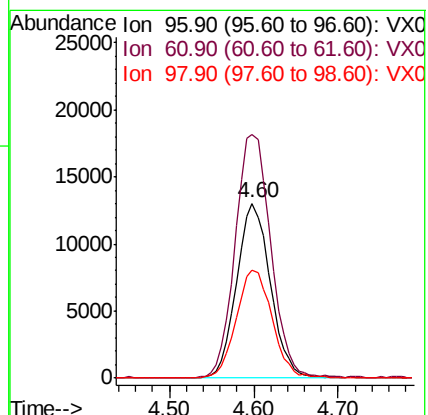
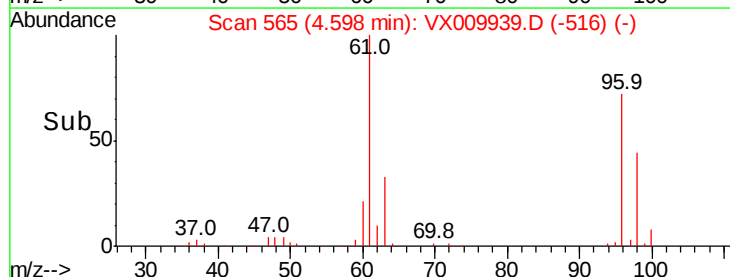
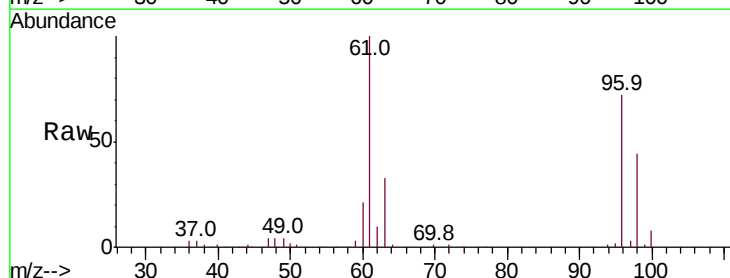
Tgt Ion: 96 Resp: 35555

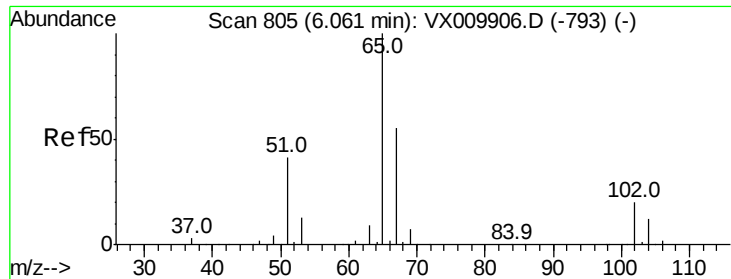
Ion Ratio Lower Upper

96 100

61 147.1 0.0 334.0

98 65.2 0.0 131.6

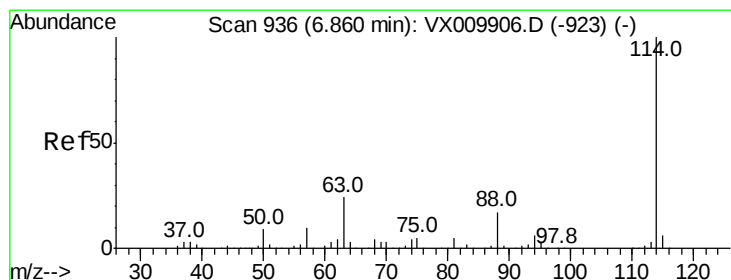
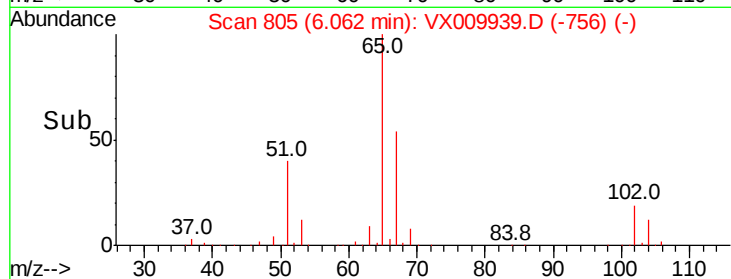
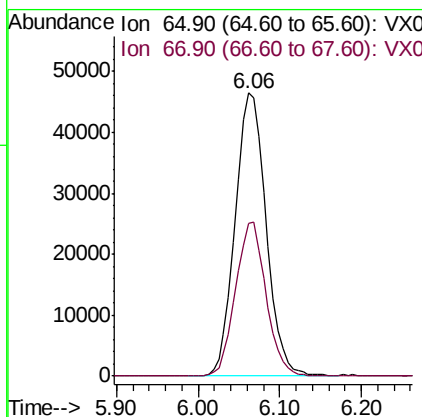
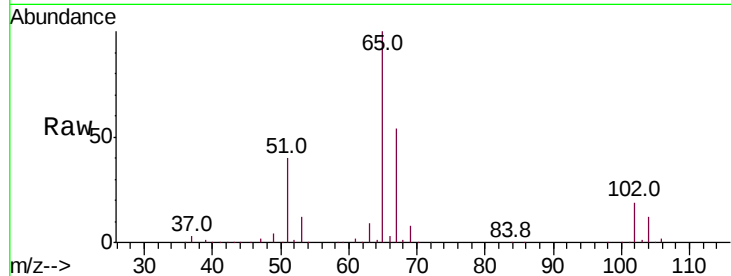




#33
 1,2-Dichloroethane-d4
 Concen: 48.701 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009939.D
 Acq: 29 May 2019 14:53

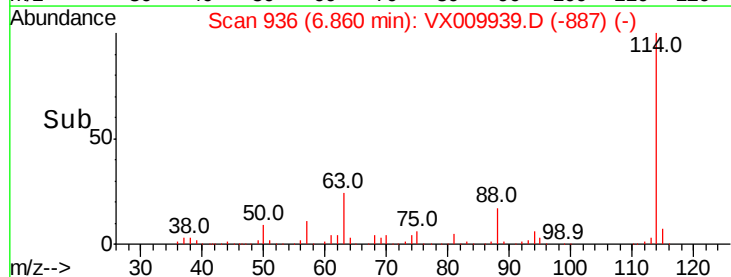
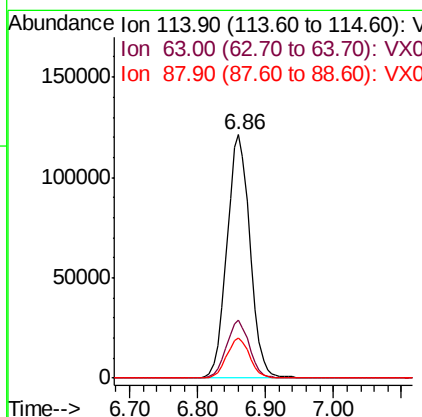
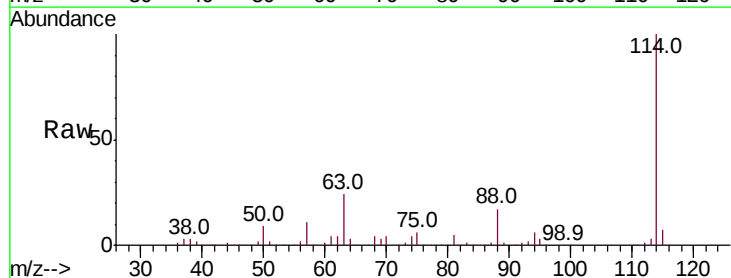
Instrument :
 MSVOA_X
 ClientSampled :
 S32-0662

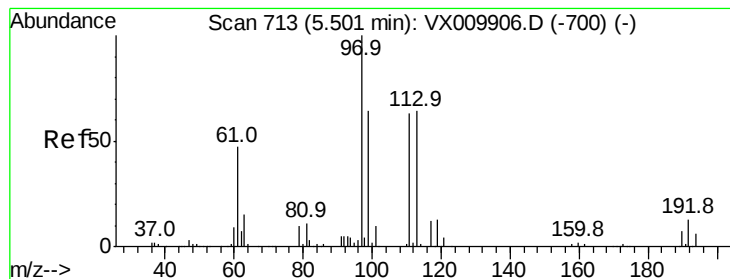
Tot Ion: 65 Resp: 122576
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009939.D
 Acq: 29 May 2019 14:53

Tgt Ion: 114 Resp: 285351
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 47.4
 88 16.6 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.250 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX009939.D

Acq: 29 May 2019 14:53

Instrument :

MSVOA_X

ClientSampleId :

S32-0662

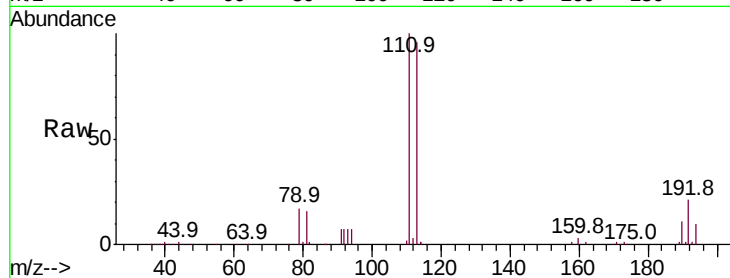
Tot Ion:113 Resp: 88355

Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.2

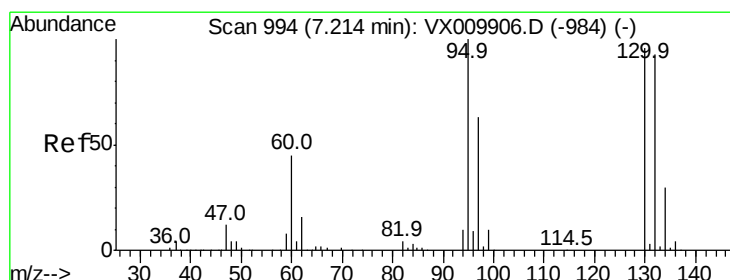
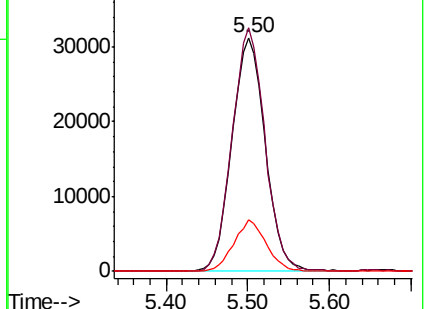
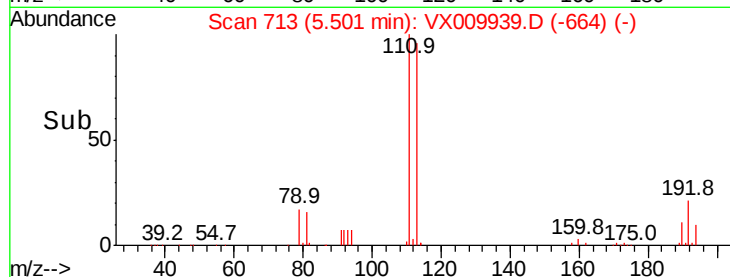
192 21.2 17.1 25.7



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: 1.928 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX009939.D

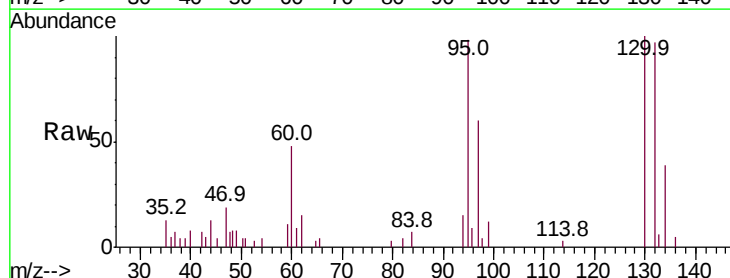
Acq: 29 May 2019 14:53

Tgt Ion:130 Resp: 4022

Ion Ratio Lower Upper

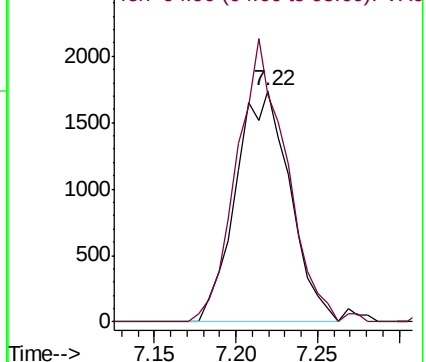
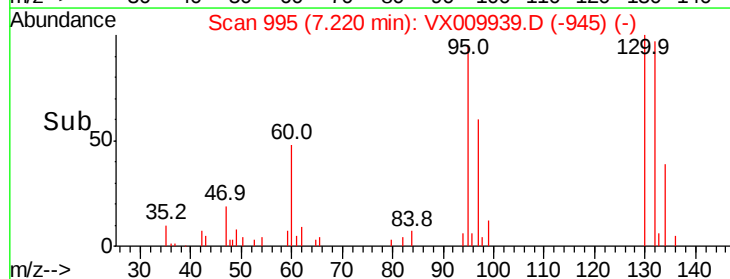
130 100

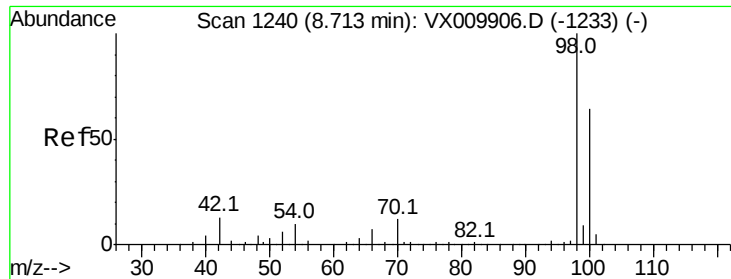
95 98.2 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V

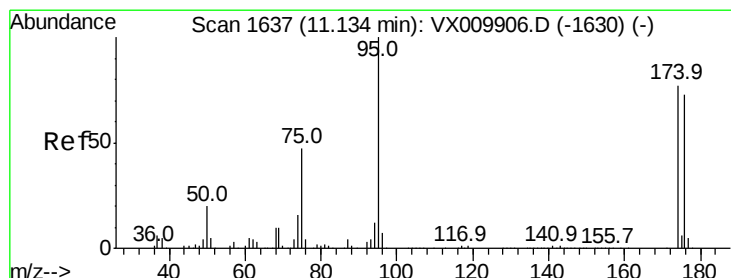
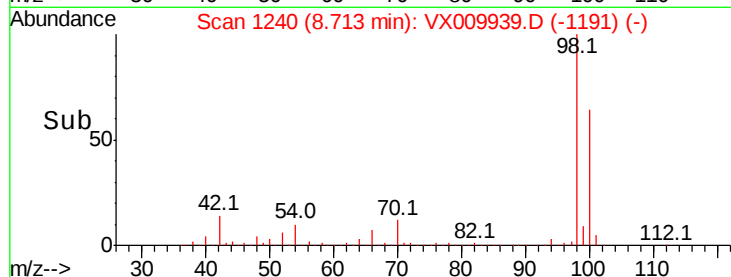
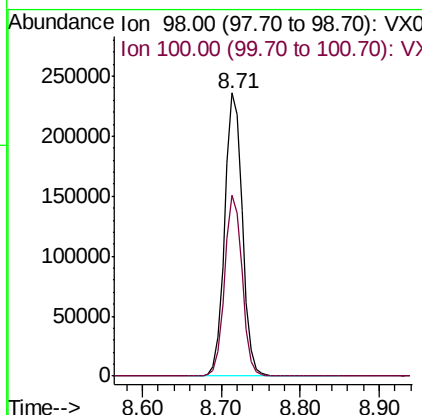
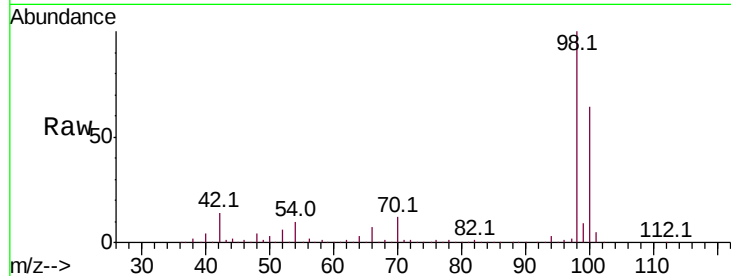




#50
Toluene-d8
Concen: 50.209 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009939.D
Acq: 29 May 2019 14:53

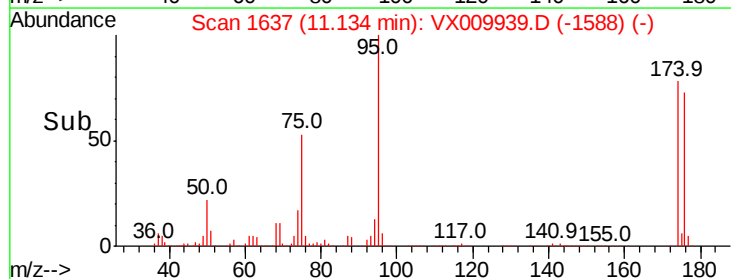
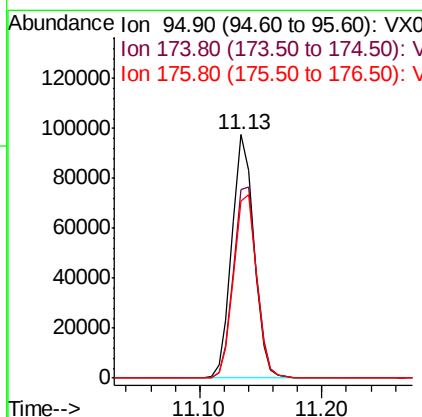
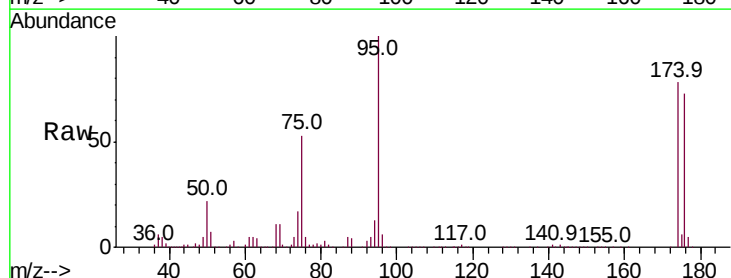
Instrument :
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S32-0662

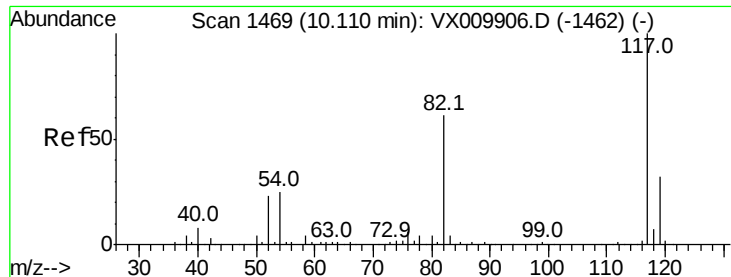
Tot Ion: 98 Resp: 365776
Ion Ratio Lower Upper
98 100
100 63.4 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 46.464 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009939.D
Acq: 29 May 2019 14:53

Tgt Ion: 95 Resp: 121582
Ion Ratio Lower Upper
95 100
174 82.3 0.0 160.4
176 78.6 0.0 154.6

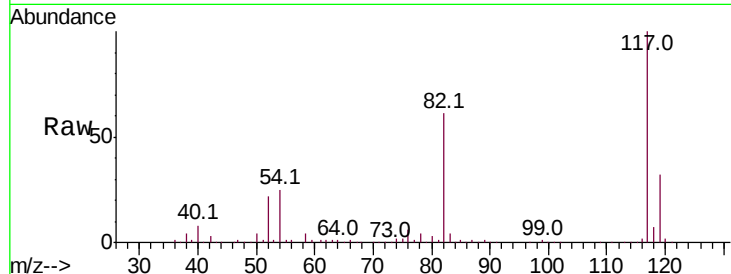




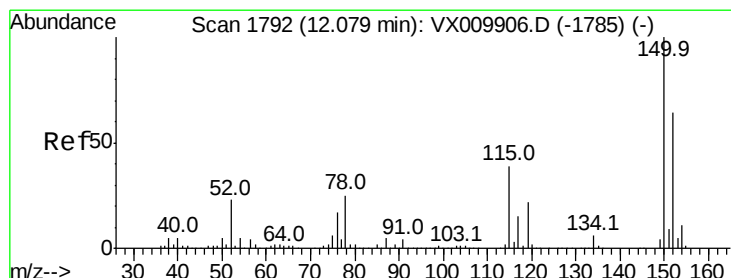
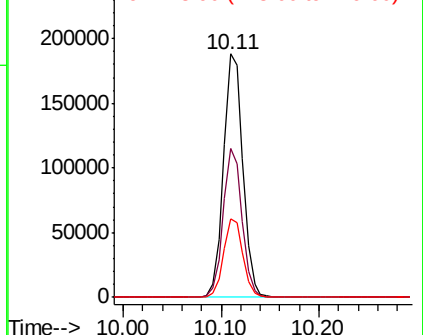
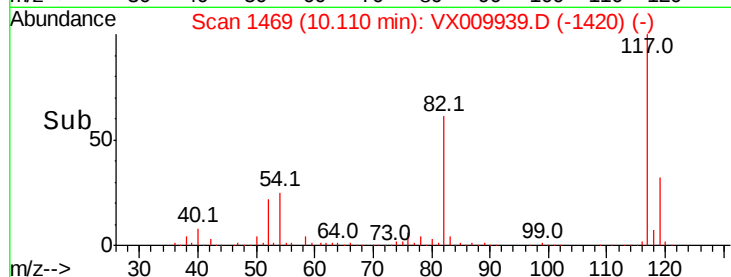
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009939.D
Acq: 29 May 2019 14:53

Instrument :
MSVOA_X
ClientSampleId :
S32-0662

Tot Ion:117 Resp: 258719
Ion Ratio Lower Upper
117 100
82 61.3 49.2 73.8
119 32.1 25.2 37.8

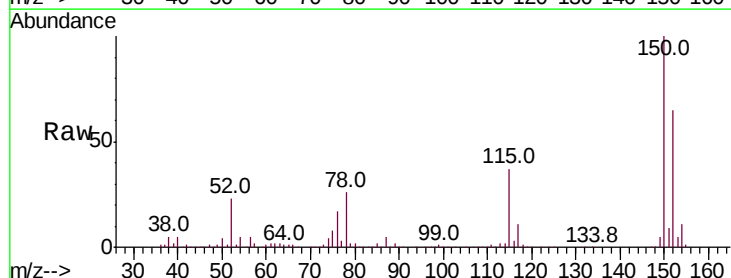


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009939.D
Acq: 29 May 2019 14:53

Tgt Ion:152 Resp: 112111
Ion Ratio Lower Upper
152 100
115 58.1 41.4 124.2
150 154.6 0.0 345.2



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

