

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052419\
 Data File : VX009897.D
 Acq On : 24 May 2019 19:18
 Operator : JC/SP
 Sample : K3038-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF012MW028-190522

Quant Time: May 25 01:45:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	170657	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	274942	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	245723	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	109236	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	118449	50.84	ug/l	0.00
Spiked Amount			Recovery	=	101.68%	
35) Dibromofluoromethane	5.50	113	85722	49.60	ug/l	0.00
Spiked Amount			Recovery	=	99.20%	
50) Toluene-d8	8.71	98	348812	49.99	ug/l	0.00
Spiked Amount			Recovery	=	99.98%	
62) 4-Bromofluorobenzene	11.13	95	118325	46.67	ug/l	0.00
Spiked Amount			Recovery	=	93.34%	

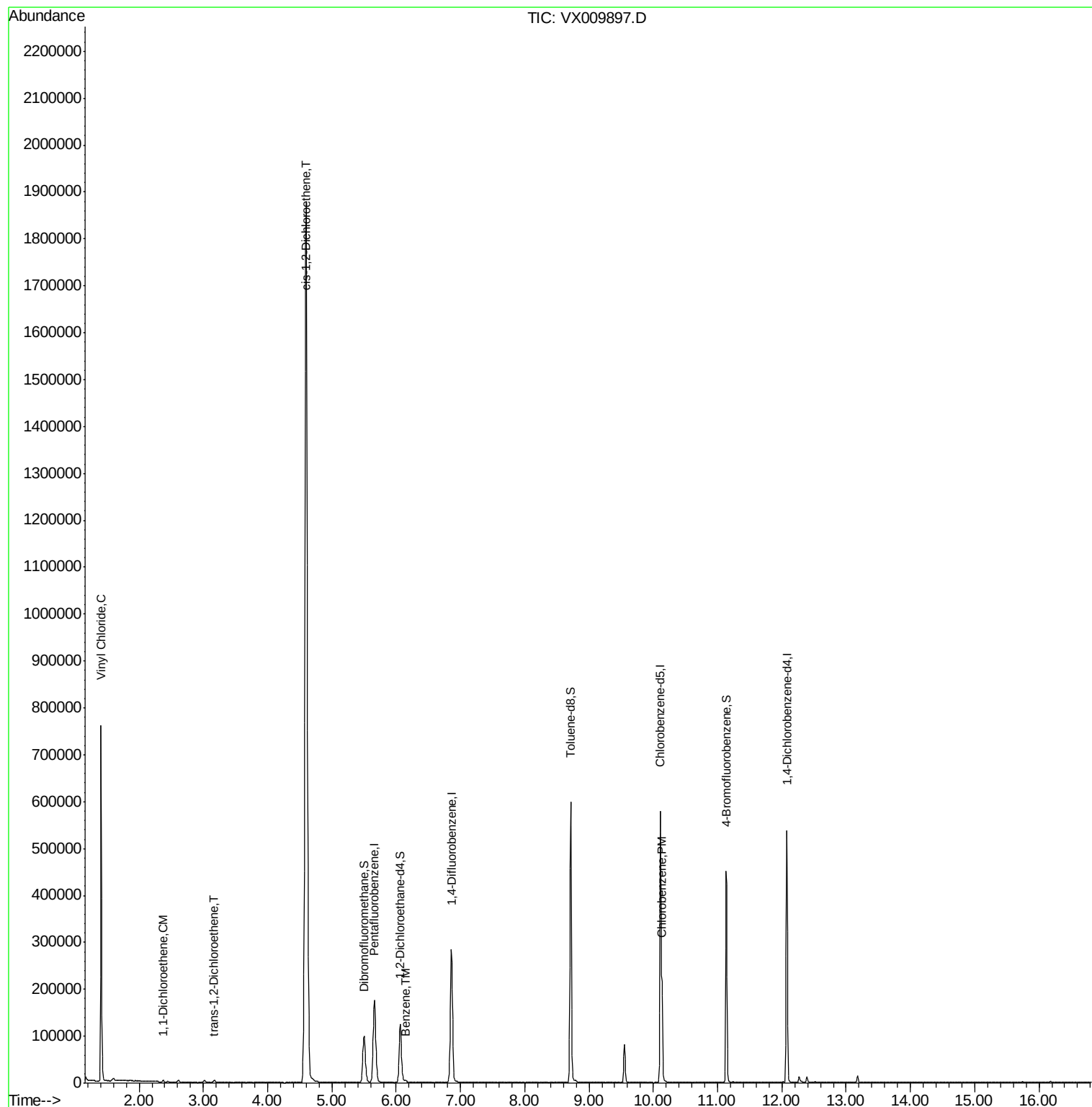
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.41	62	519850	248.299	ug/l	98
12) 1,1-Dichloroethene	2.38	96	1501	0.937	ug/l	82
21) trans-1,2-Dichloroethene	3.17	96	1716	0.988	ug/l	87
27) cis-1,2-Dichloroethene	4.60	96	1135942	548.026	ug/l	91
40) Benzene	6.15	78	3452	0.437	ug/l	95
65) Chlorobenzene	10.14	112	77217	15.709	ug/l	97

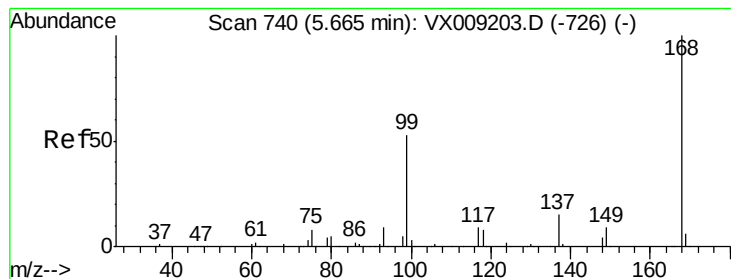
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009897.D

Acq: 24 May 2019 19:18

Instrument :

MSVOA_X

ClientSampleId :

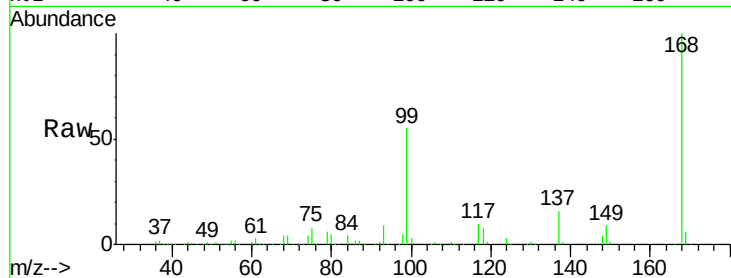
LF012MW028-190522

Tot Ion:168 Resp: 170657

Ion Ratio Lower Upper

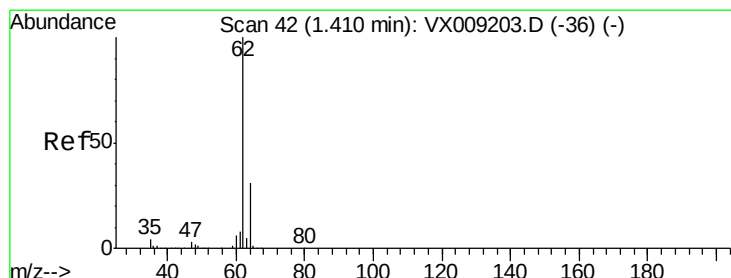
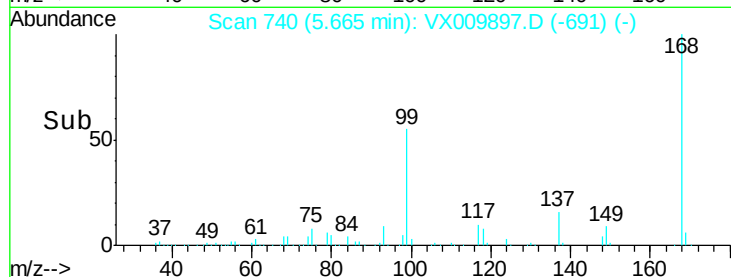
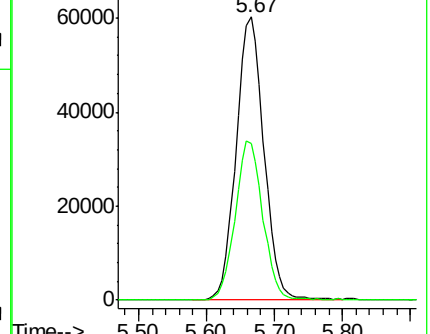
168 100

99 55.5 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 248.299 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX009897.D

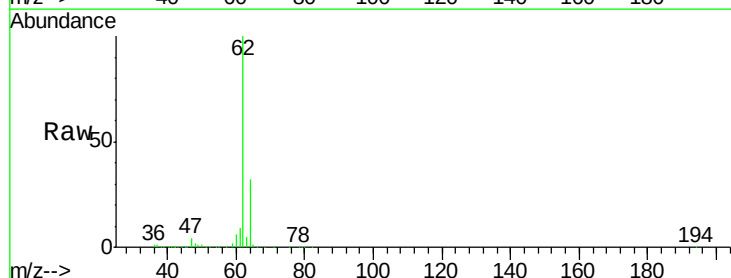
Acq: 24 May 2019 19:18

Tgt Ion: 62 Resp: 519850

Ion Ratio Lower Upper

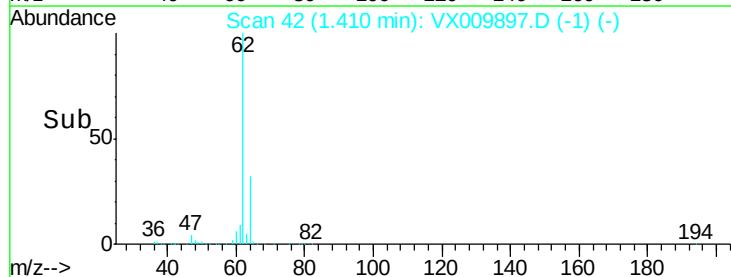
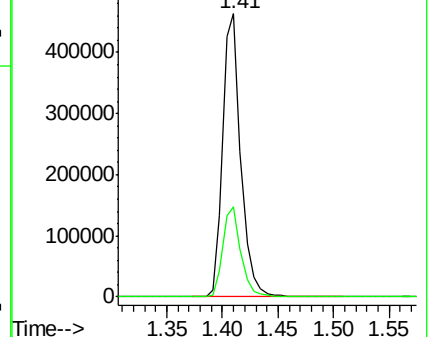
62 100

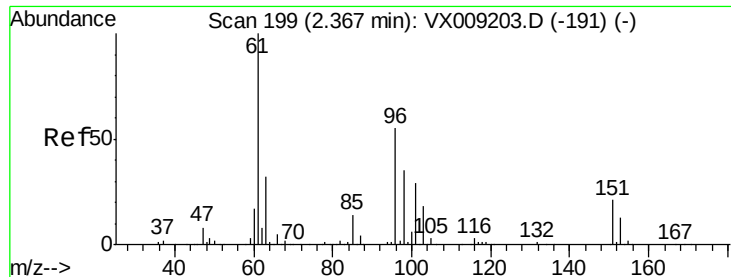
64 32.0 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

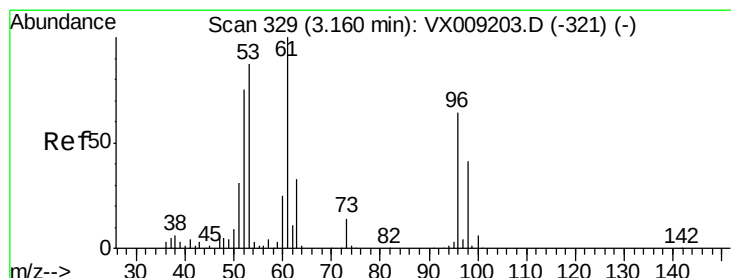
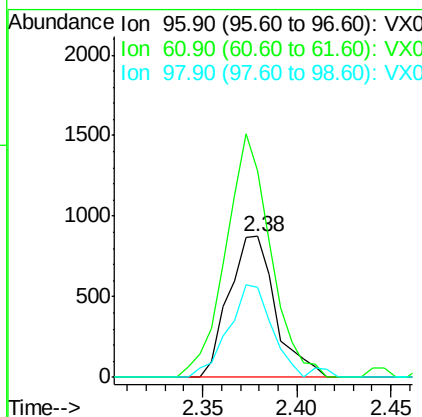
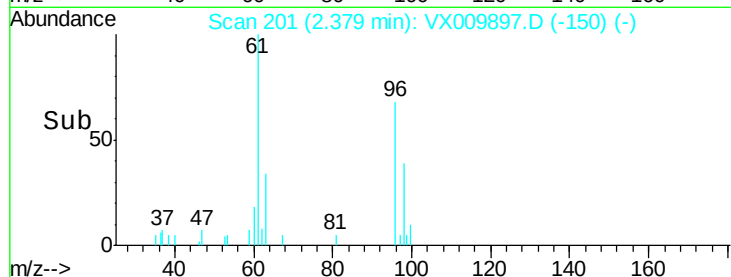
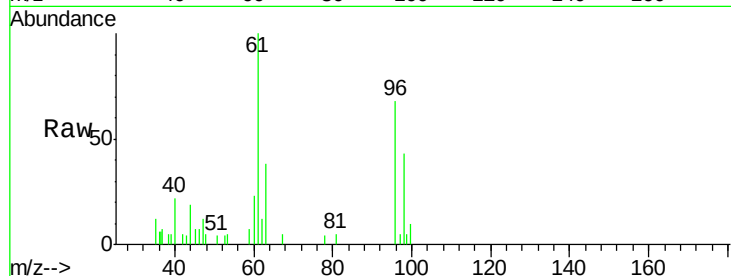




#12
 1,1-Dichloroethene
 Concen: 0.937 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.01 min
 Lab File: VX009897.D
 Acq: 24 May 2019 19:18

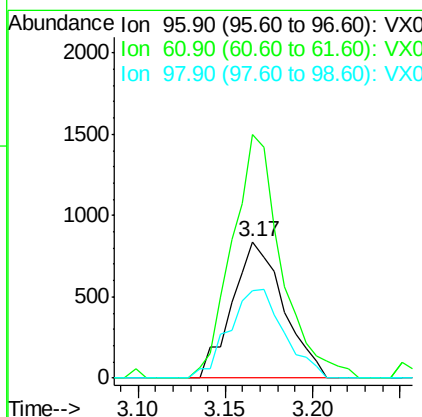
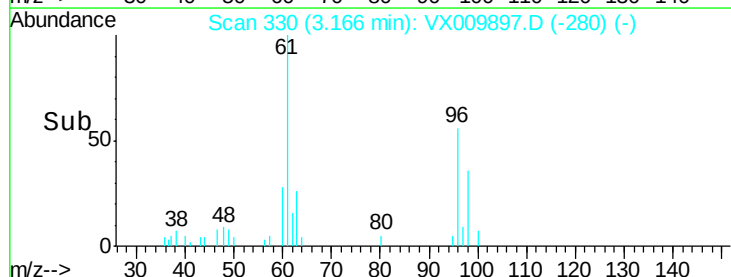
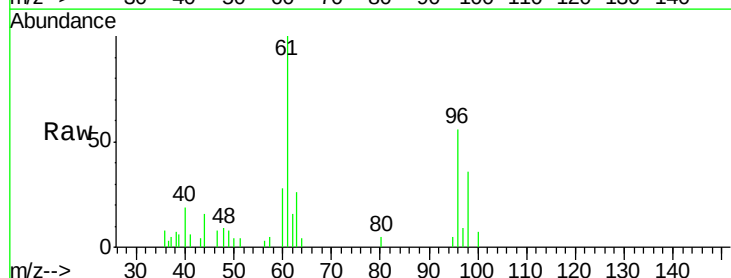
Instrument :
 MSVOA_X
 ClientSampleId :
 LF012MW028-190522

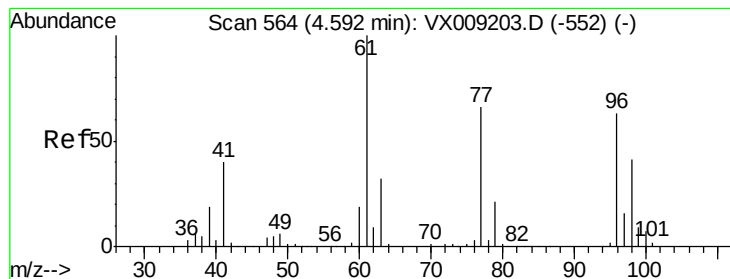
Tot Ion:	96	Resp:	1501
Ion	Ratio	Lower	Upper
96	100		
61	147.2	144.3	216.5
98	63.6	50.3	75.5



#21
 trans-1,2-Dichloroethene
 Concen: 0.988 ug/l
 RT: 3.17 min Scan# 330
 Delta R.T. 0.01 min
 Lab File: VX009897.D
 Acq: 24 May 2019 19:18

Tgt Ion:	96	Resp:	1716
Ion	Ratio	Lower	Upper
96	100		
61	178.5	124.5	186.7
98	64.0	50.4	75.6



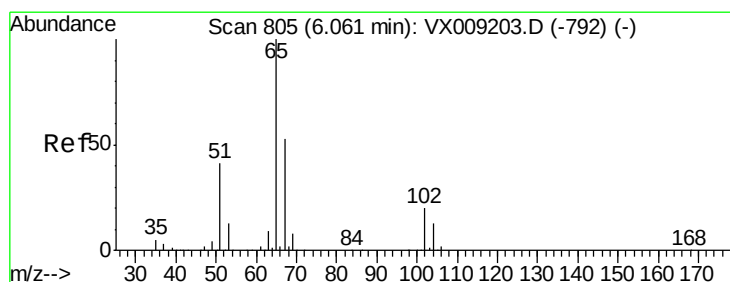
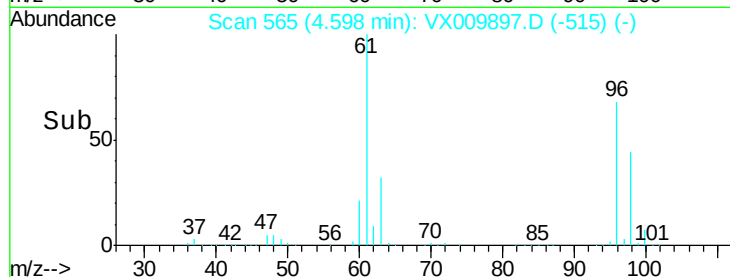
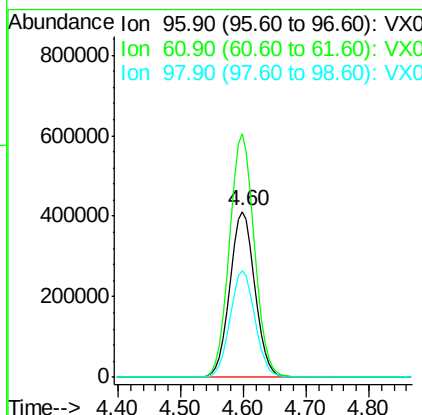
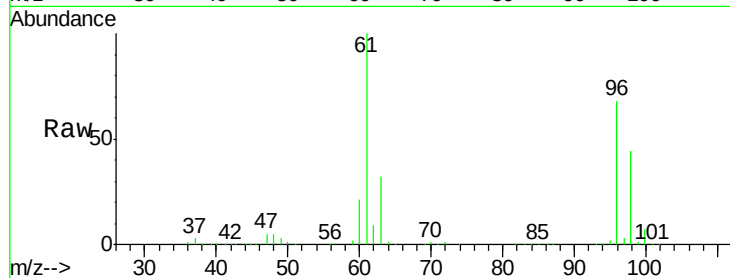


#27

cis-1,2-Dichloroethene
 Concen: 548.026 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: VX009897.D
 Acq: 24 May 2019 19:18

Instrument :
 MSVOA_X
 ClientSampleId :
 LF012MW028-190522

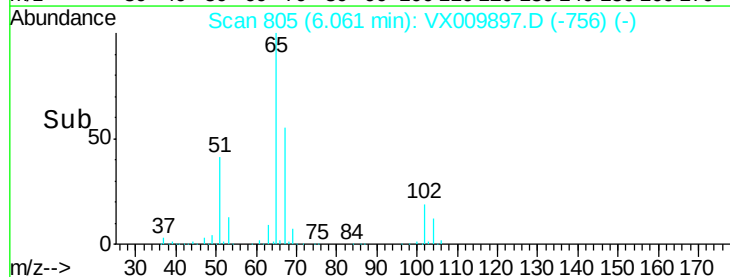
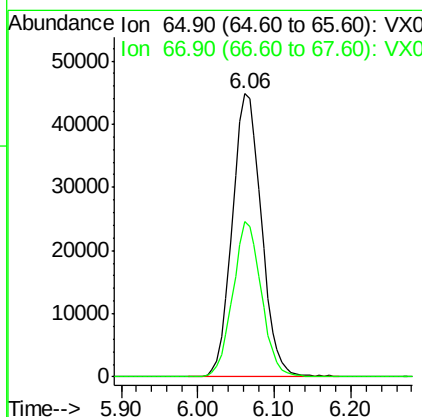
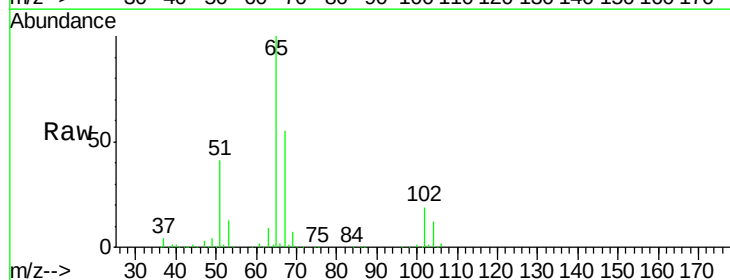
Tot Ion: 96 Resp: 1135942
 Ion Ratio Lower Upper
 96 100
 61 146.3 0.0 324.0
 98 64.1 0.0 130.4

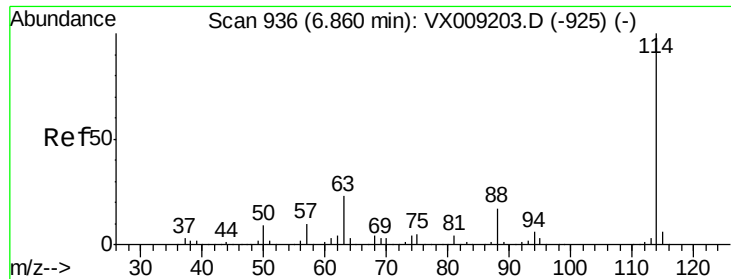


#33

1,2-Dichloroethane-d4
 Concen: 50.844 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009897.D
 Acq: 24 May 2019 19:18

Tgt Ion: 65 Resp: 118449
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 106.6

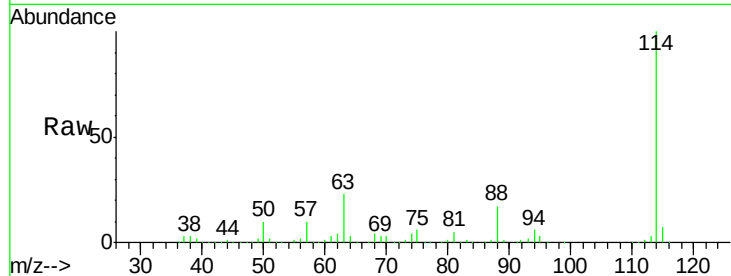




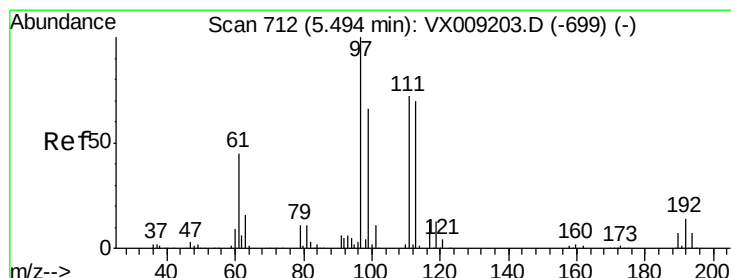
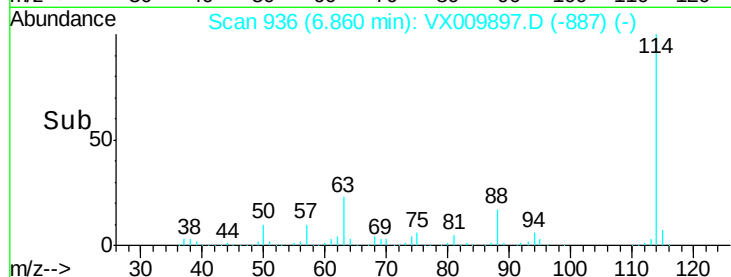
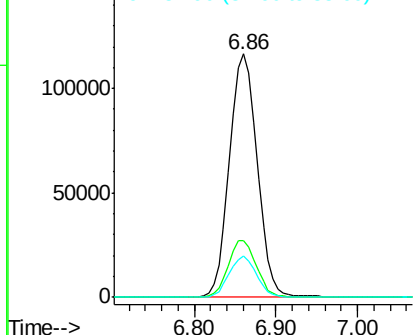
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX009897.D
Acq: 24 May 2019 19:18

Instrument :
MSVOA_X
ClientSampleId :
LF012MW028-190522

Tot Ion:114 Resp: 274942
Ion Ratio Lower Upper
114 100
63 23.4 0.0 45.6
88 17.1 0.0 33.2

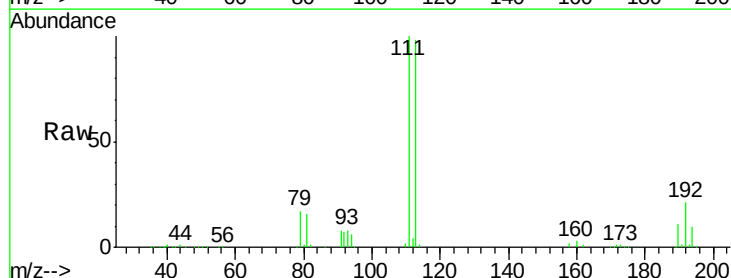


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

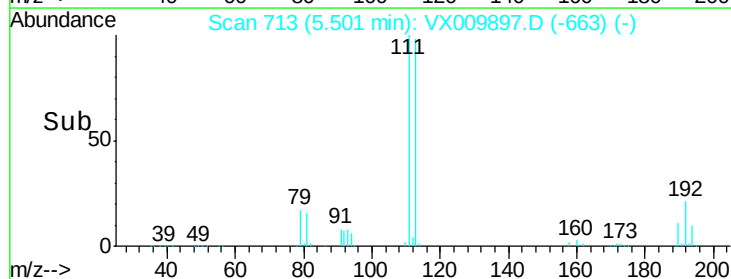
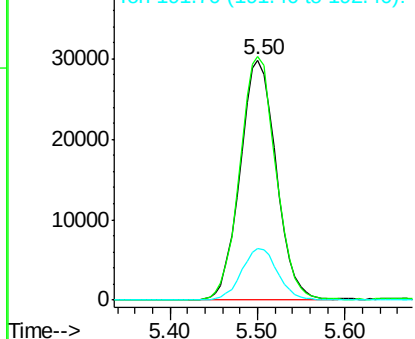


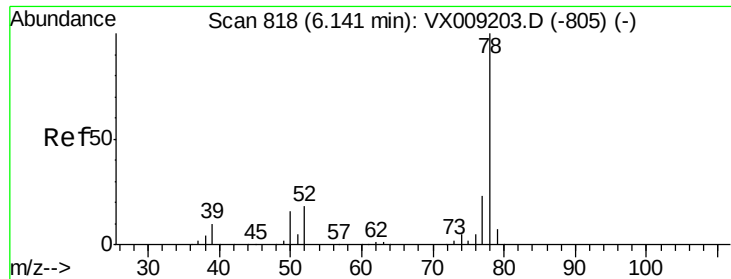
#35
Dibromofluoromethane
Concen: 49.596 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX009897.D
Acq: 24 May 2019 19:18

Tgt Ion:113 Resp: 85722
Ion Ratio Lower Upper
113 100
111 101.4 82.8 124.2
192 21.5 17.0 25.6



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





#40

Benzene

Concen: 0.437 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX009897.D

Acq: 24 May 2019 19:18

Instrument :

MSVOA_X

ClientSampleId :

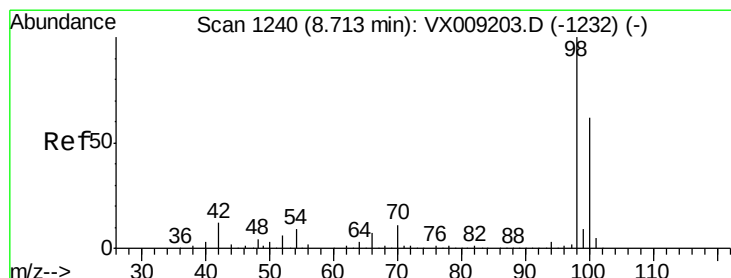
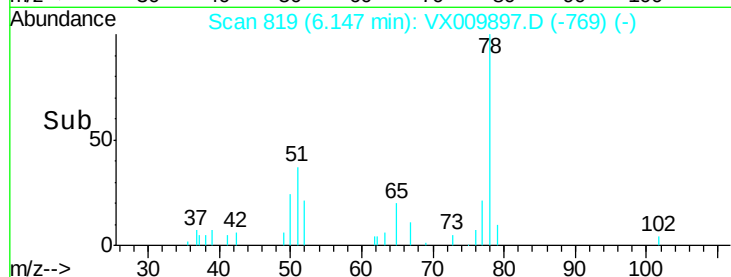
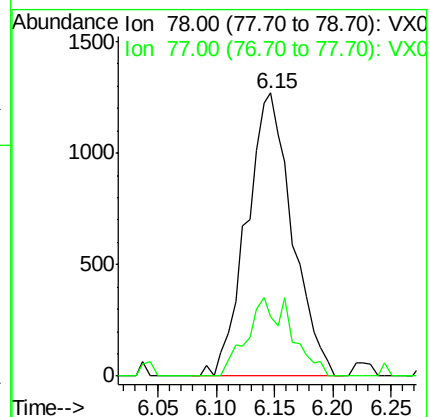
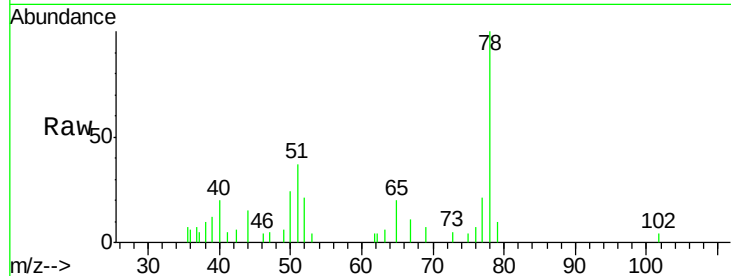
LF012MW028-190522

Tot Ion: 78 Resp: 3452

Ion Ratio Lower Upper

78 100

77 21.0 18.8 28.2



#50

Toluene-d8

Concen: 49.988 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009897.D

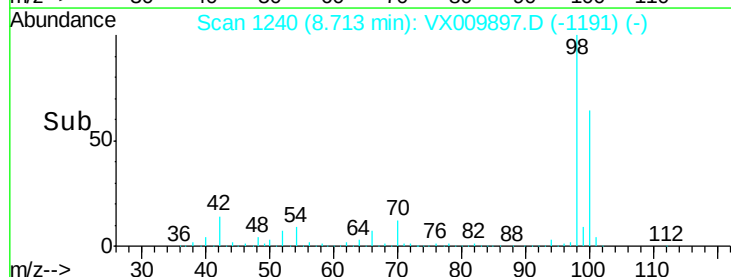
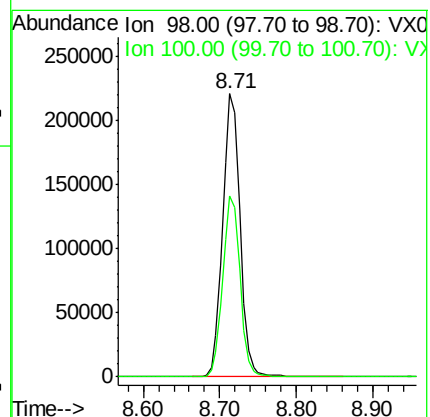
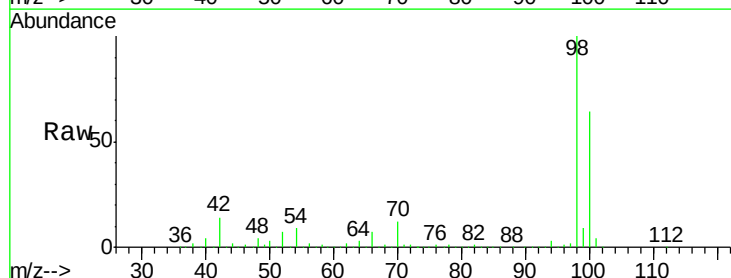
Acq: 24 May 2019 19:18

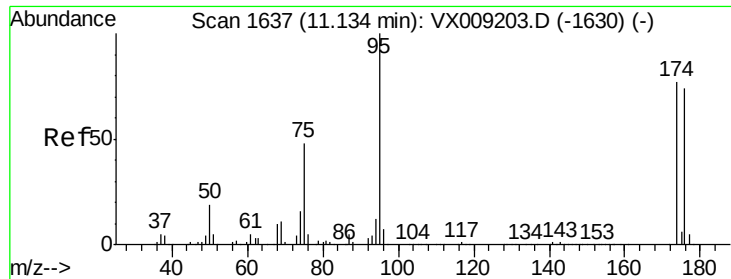
Tgt Ion: 98 Resp: 348812

Ion Ratio Lower Upper

98 100

100 64.0 51.2 76.8

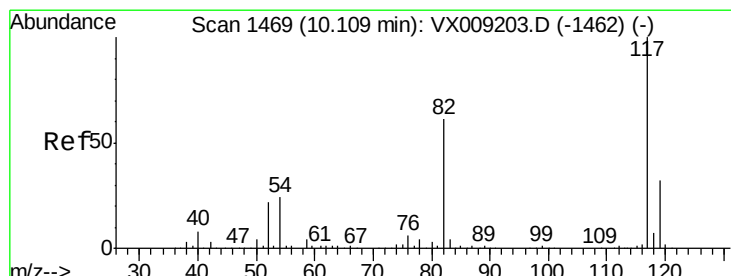
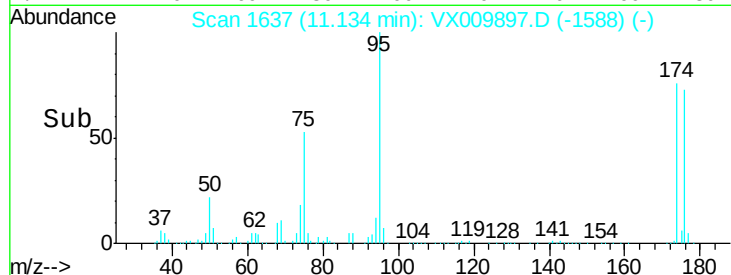
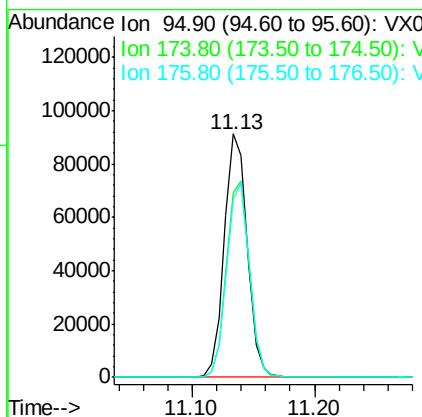
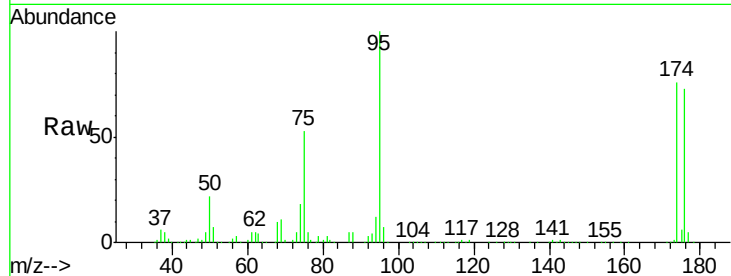




#62
4-Bromofluorobenzene
Concen: 46.667 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009897.D
Acq: 24 May 2019 19:18

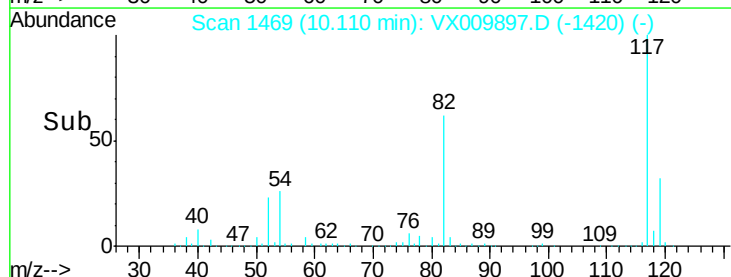
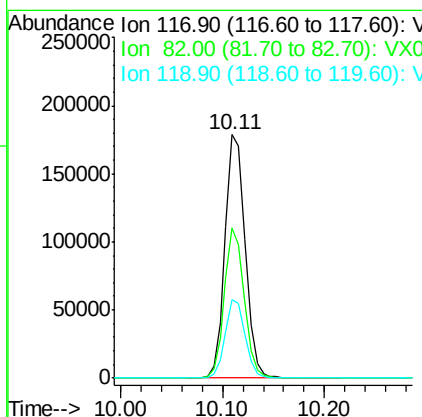
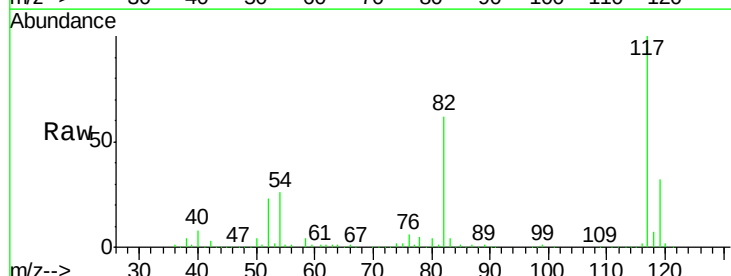
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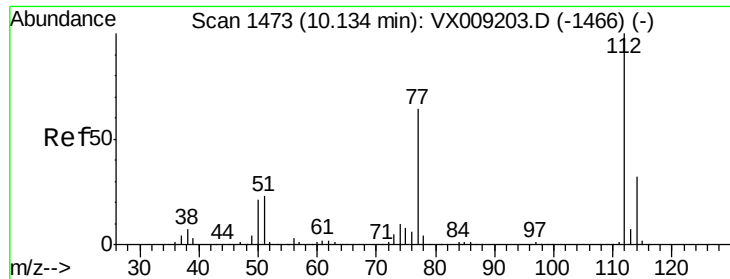
Tot Ion: 95 Resp: 118325
Ion Ratio Lower Upper
95 100
174 81.1 0.0 161.6
176 78.9 0.0 159.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009897.D
Acq: 24 May 2019 19:18

Tgt Ion: 117 Resp: 245723
Ion Ratio Lower Upper
117 100
82 61.8 48.8 73.2
119 32.3 25.8 38.6

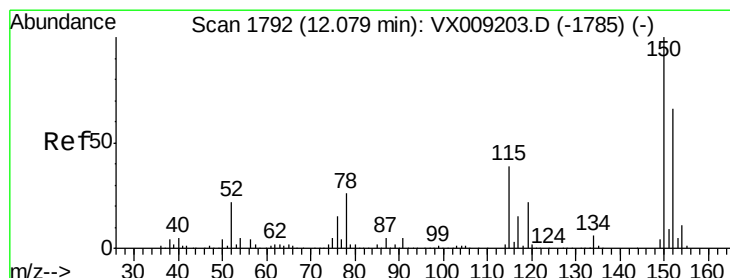
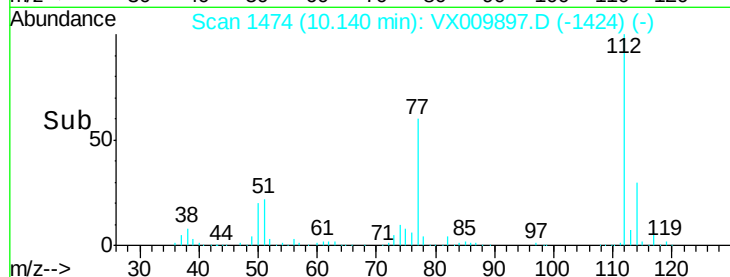
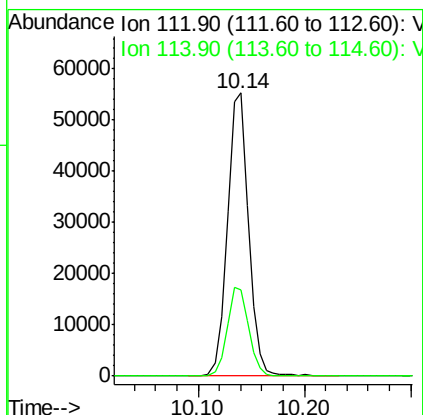
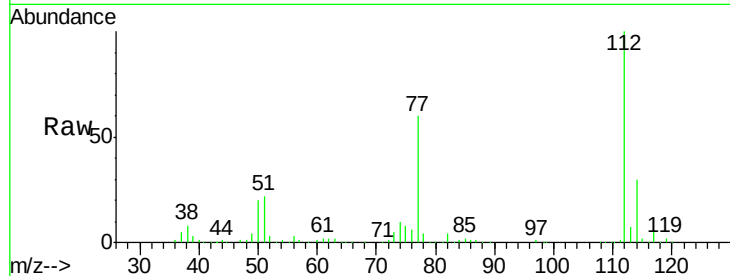




#65
Chlorobenzene
Concen: 15.709 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX009897.D
Acq: 24 May 2019 19:18

Instrument :
MSVOA_X
ClientSampleId :
LF012MW028-190522

Tot Ion:112 Resp: 77217
Ion Ratio Lower Upper
112 100
114 30.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009897.D
Acq: 24 May 2019 19:18

Tgt Ion:152 Resp: 109236
Ion Ratio Lower Upper
152 100
115 58.1 41.2 123.6
150 156.1 0.0 346.4

