

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032419\
 Data File : VX008387.D
 Acq On : 24 Mar 2019 13:22
 Operator : JC/SP
 Sample : K1945-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 M4-T0-OZ(PRE)

Quant Time: Mar 25 06:49:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 15:27:34 2019
 Response via : Initial Calibration

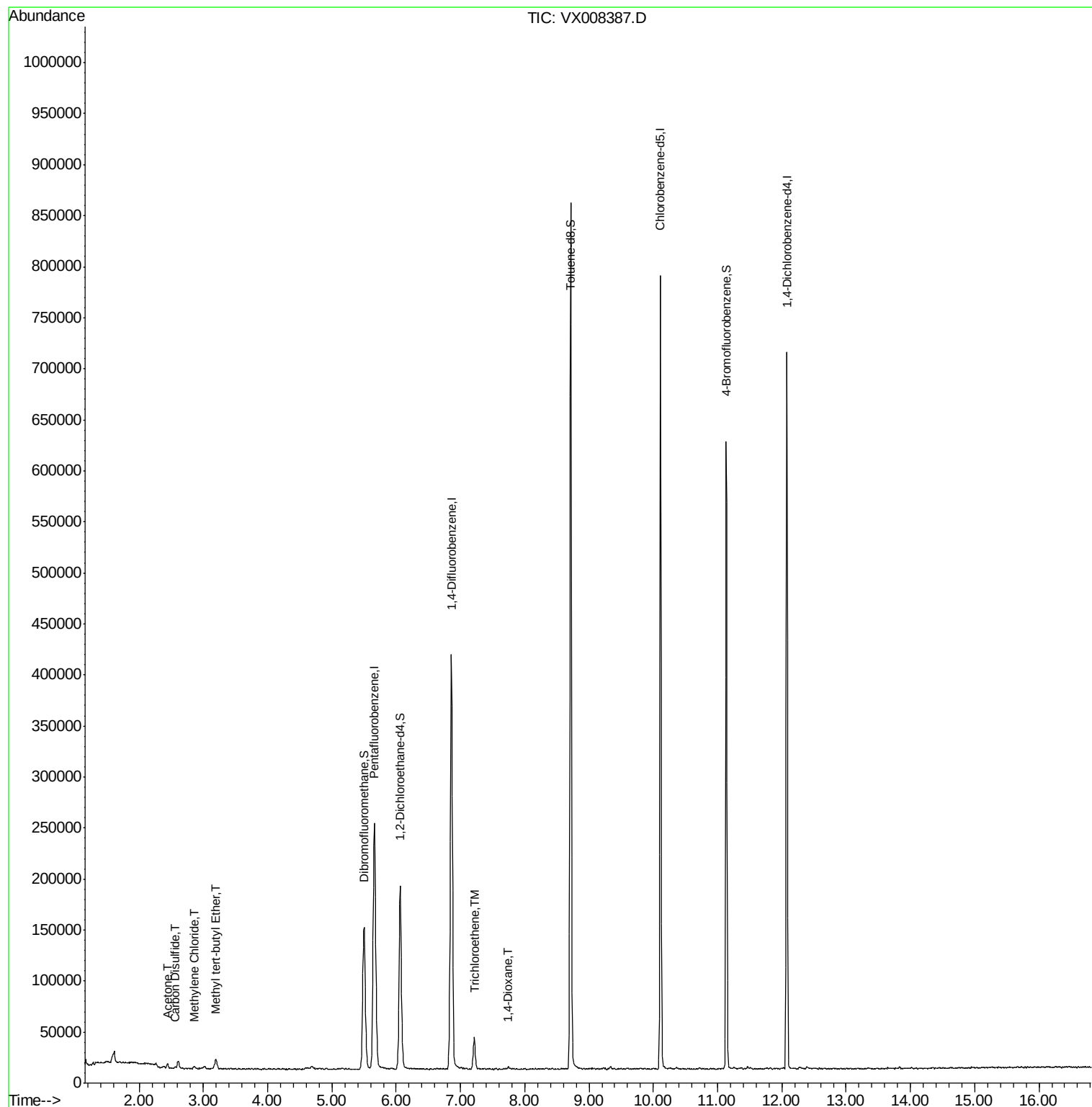
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	224112	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	388487	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	332782	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	134773	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	167135	48.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.80%	
35) Dibromofluoromethane	5.50	113	121474	48.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.52%	
50) Toluene-d8	8.71	98	484882	48.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.42%	
62) 4-Bromofluorobenzene	11.13	95	163266	44.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.34%	
Target Compounds						
					Qvalue	
16) Acetone	2.45	43	5526	3.234	ug/l	96
17) Carbon Disulfide	2.57	76	1651	0.202	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	10312	1.122	ug/l	93
20) Methylene Chloride	2.86	84	1200	0.390	ug/l	97
44) Trichloroethene	7.21	130	11342	4.040	ug/l	90
49) 1,4-Dioxane	7.74	88	1598	18.762	ug/l	88

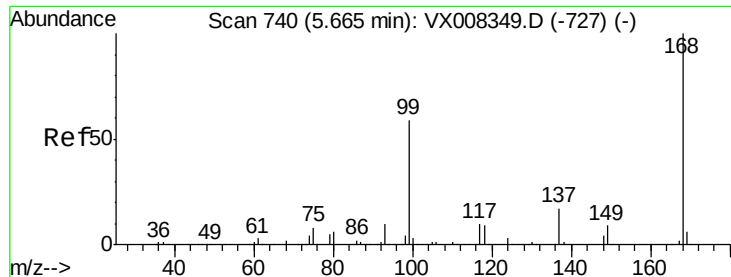
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Mar 23 15:27:34 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX008387.D

Acq: 24 Mar 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

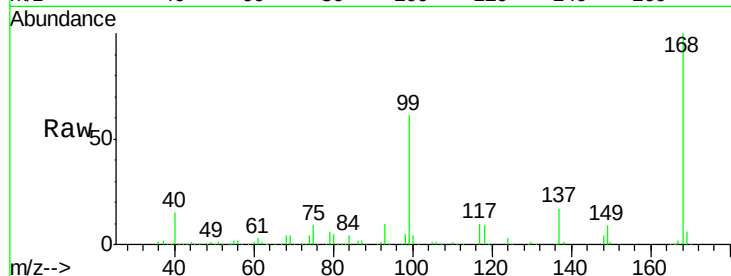
M4-T0-OZ(PRE)

Tot Ion:168 Resp: 224112

Ion Ratio Lower Upper

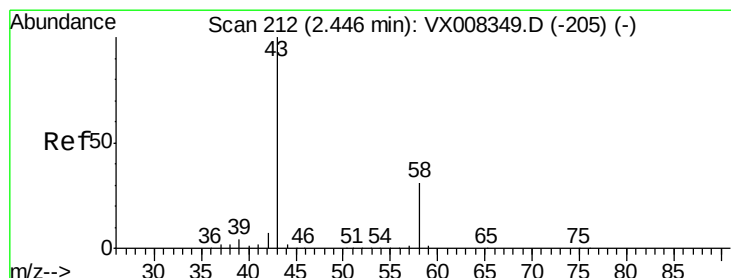
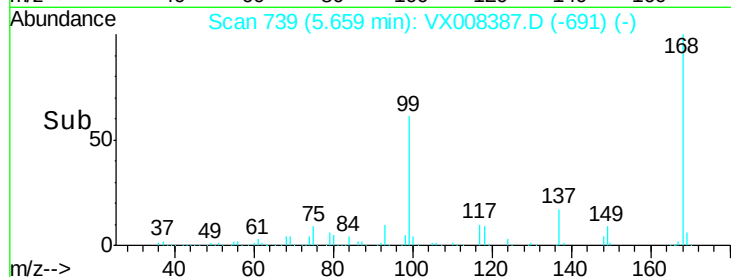
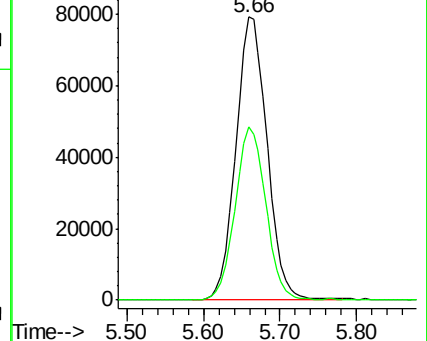
168 100

99 61.4 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 3.234 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008387.D

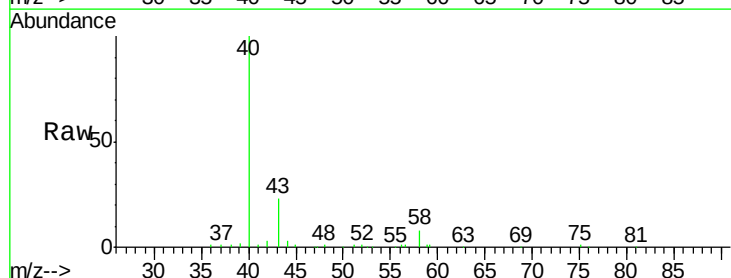
Acq: 24 Mar 2019 13:22

Tgt Ion: 43 Resp: 5526

Ion Ratio Lower Upper

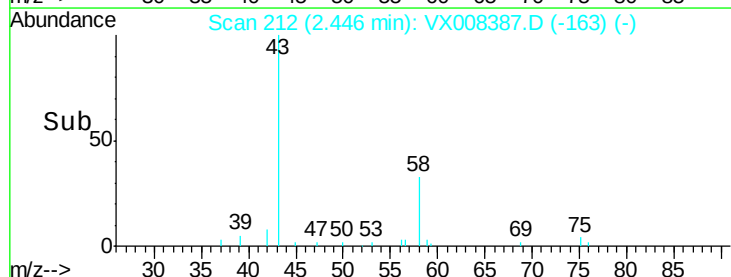
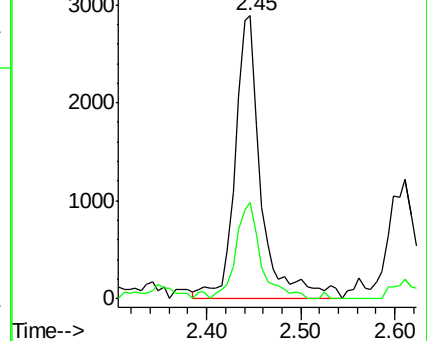
43 100

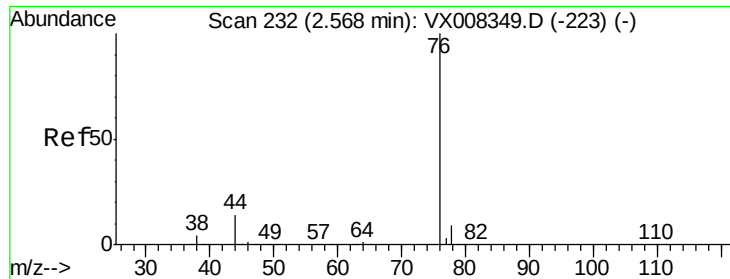
58 34.3 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

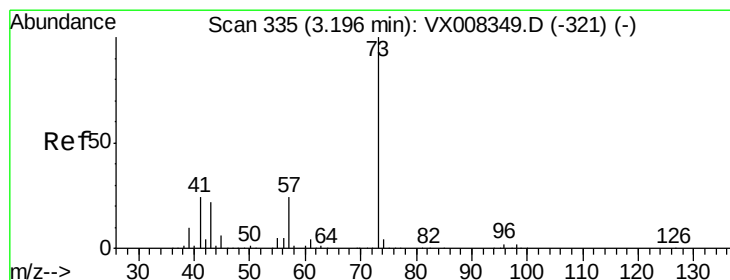
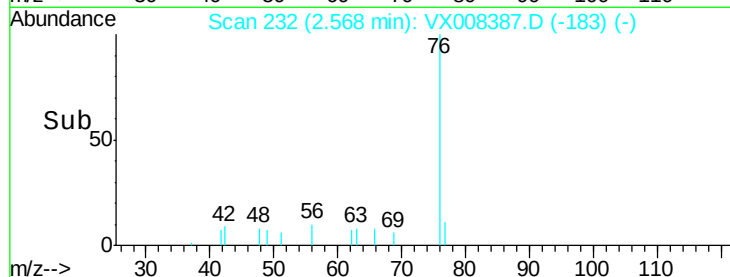
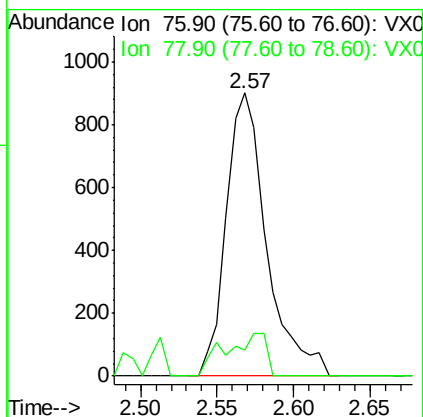
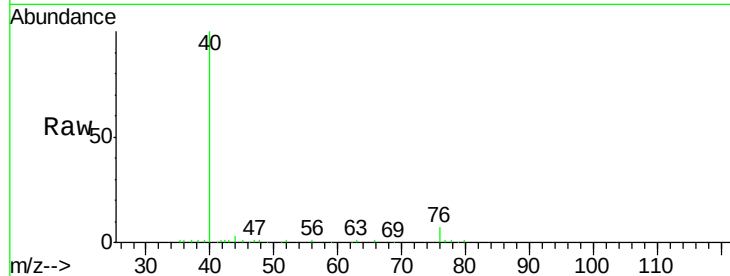




#17
Carbon Disulfide
Concen: 0.202 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX008387.D
Acq: 24 Mar 2019 13:22

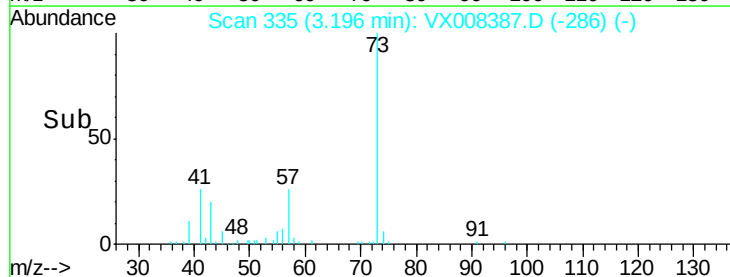
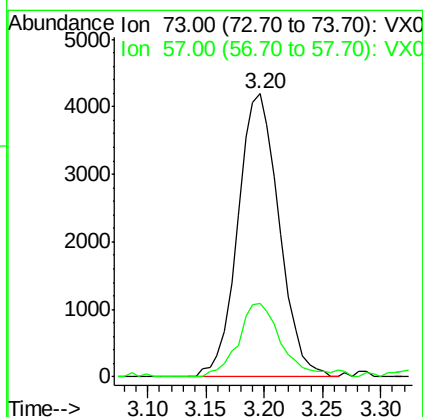
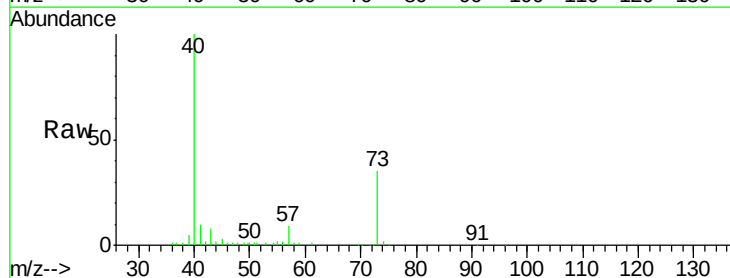
Instrument :
MSVOA_X
ClientSampleId :
M4-T0-OZ(PRE)

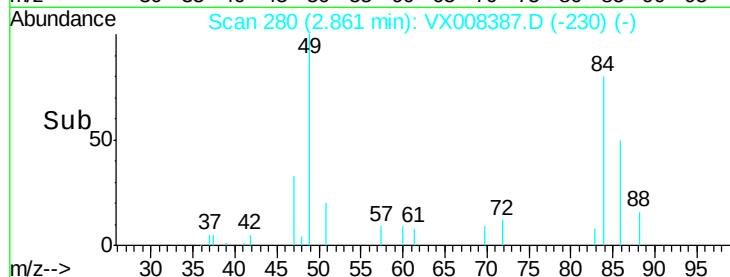
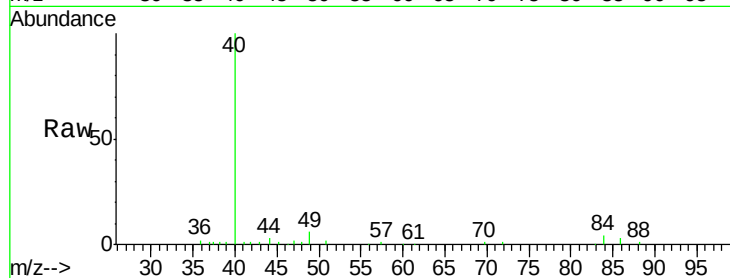
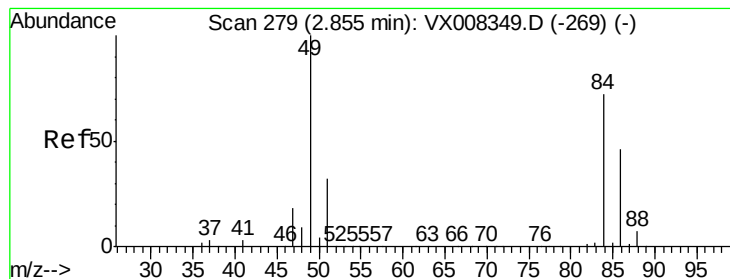
Tot Ion: 76 Resp: 1651
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#19
Methyl tert-butyl Ether
Concen: 1.122 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX008387.D
Acq: 24 Mar 2019 13:22

Tgt Ion: 73 Resp: 10312
Ion Ratio Lower Upper
73 100
57 26.2 18.2 27.4





#20

Methylene Chloride

Concen: 0.390 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX008387.D

Acq: 24 Mar 2019 13:22

Instrument :

MSVOA_X

ClientSampled :

M4-T0-OZ(PRE)

Tot Ion: 84 Resp: 1200

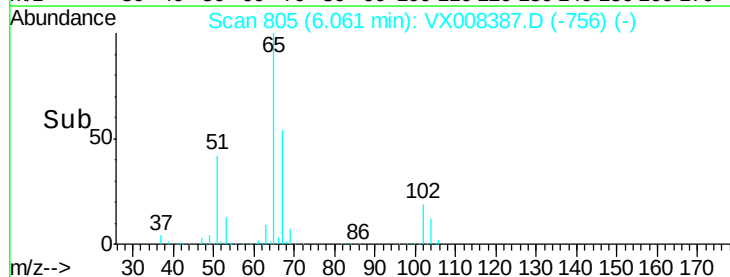
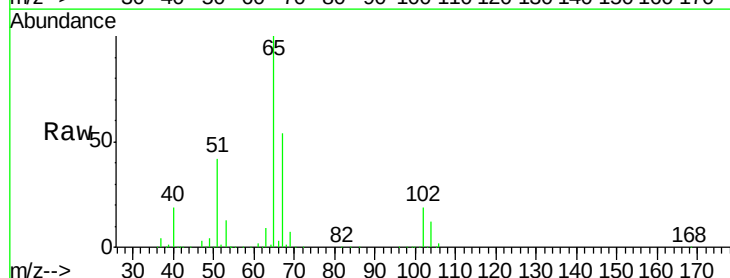
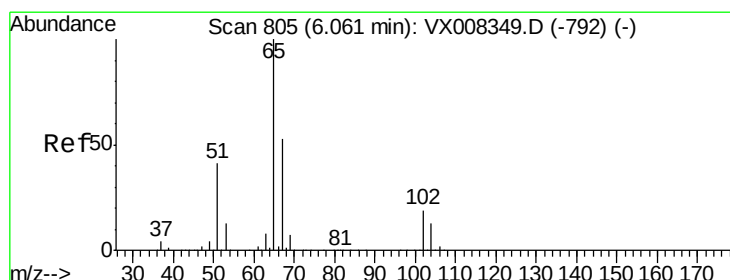
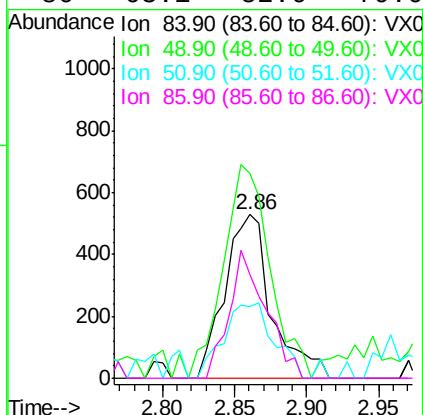
Ion Ratio Lower Upper

84 100

49 125.0 99.3 148.9

51 43.8 31.3 46.9

86 63.1 52.6 79.0



#33

1,2-Dichloroethane-d4

Concen: 48.896 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008387.D

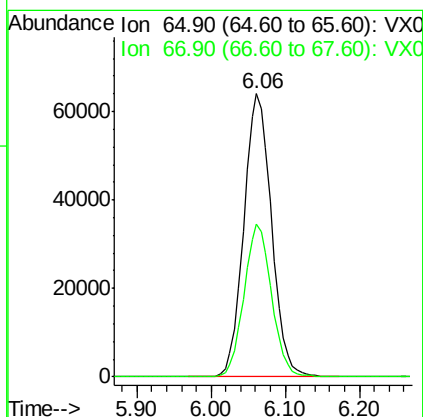
Acq: 24 Mar 2019 13:22

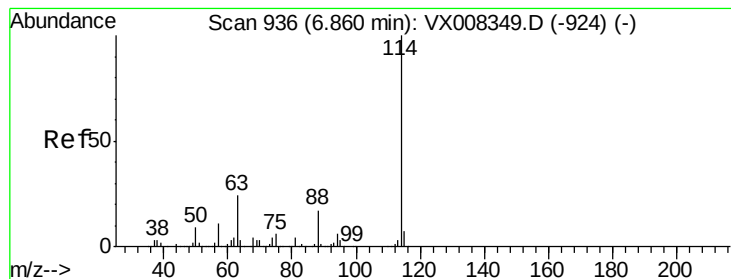
Tgt Ion: 65 Resp: 167135

Ion Ratio Lower Upper

65 100

67 53.7 0.0 110.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008387.D

Acq: 24 Mar 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

M4-T0-OZ(PRE)

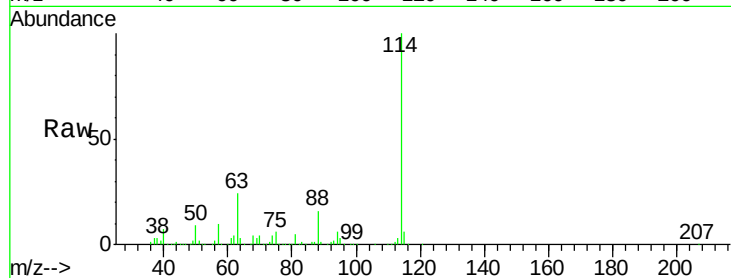
Tot Ion:114 Resp: 388487

Ion Ratio Lower Upper

114 100

63 23.9 0.0 39.8

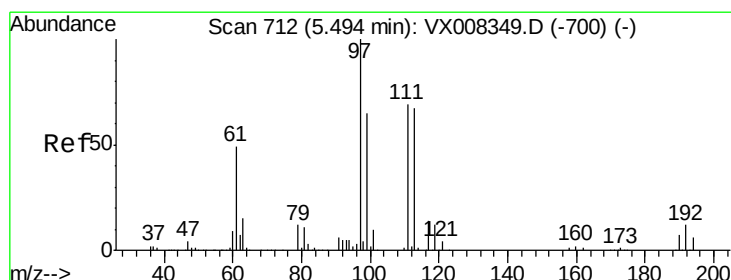
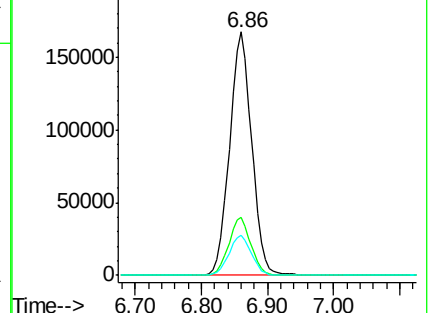
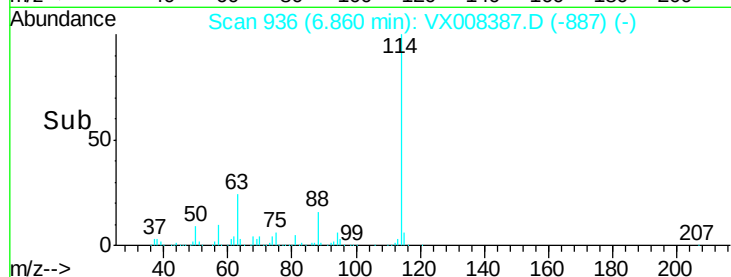
88 16.5 0.0 31.4



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: 48.262 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX008387.D

Acq: 24 Mar 2019 13:22

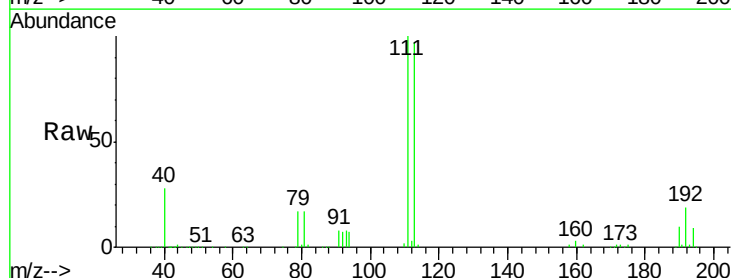
Tgt Ion:113 Resp: 121474

Ion Ratio Lower Upper

113 100

111 103.3 81.4 122.0

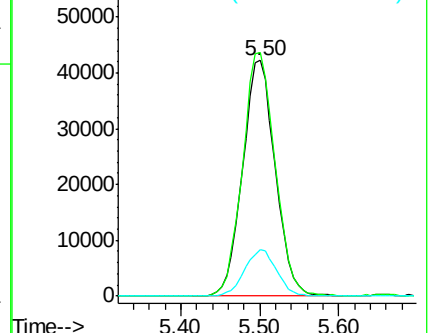
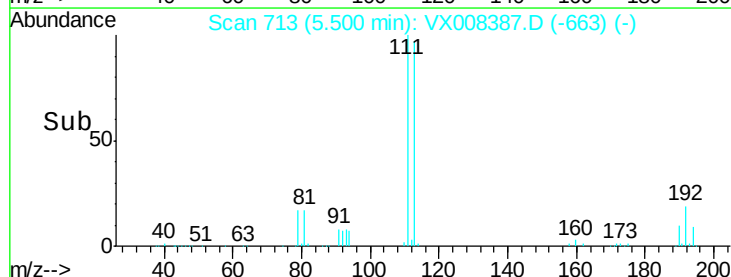
192 19.3 19.4 29.0#

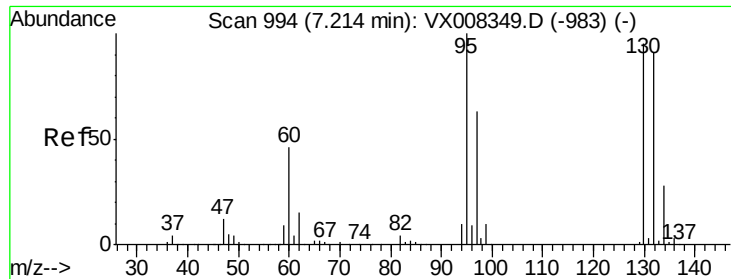


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 4.040 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008387.D

Acq: 24 Mar 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

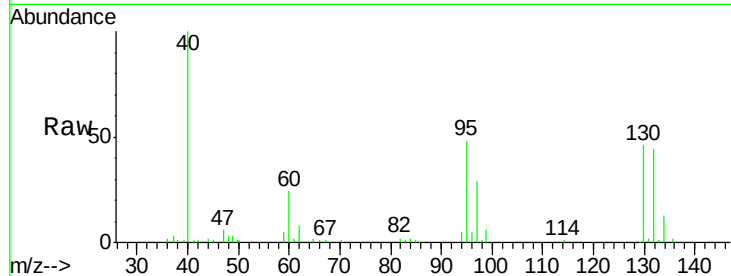
M4-T0-OZ(PRE)

Tot Ion:130 Resp: 11342

Ion Ratio Lower Upper

130 100

95 104.0 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

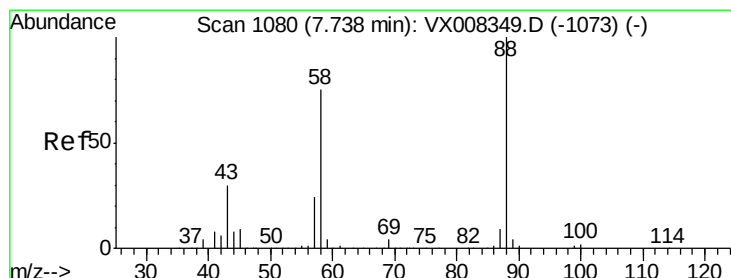
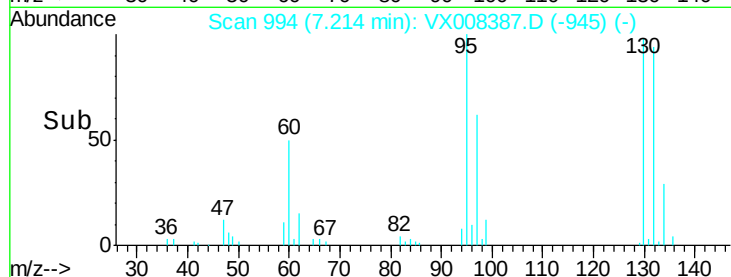
6000

4000

2000

0

Time--> 7.10 7.15 7.20 7.25 7.30



#49

1,4-Dioxane

Concen: 18.762 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX008387.D

Acq: 24 Mar 2019 13:22

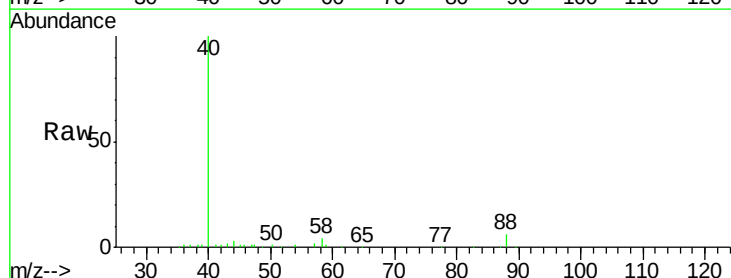
Tgt Ion: 88 Resp: 1598

Ion Ratio Lower Upper

88 100

43 30.4 25.1 37.7

58 86.2 57.8 86.6



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

7.74

1000

800

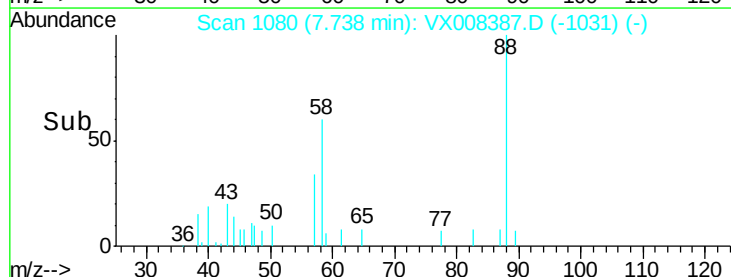
600

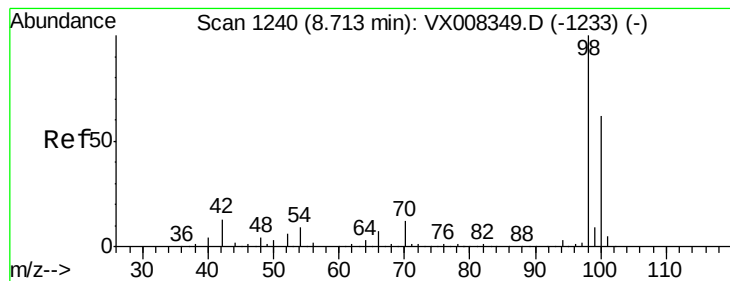
400

200

0

Time--> 7.70 7.75 7.80





#50

Toluene-d8

Concen: 48.706 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008387.D

Acq: 24 Mar 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

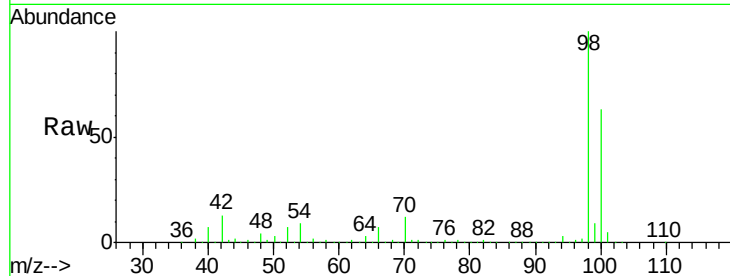
M4-T0-OZ(PRE)

Tot Ion: 98 Resp: 484882

Ion Ratio Lower Upper

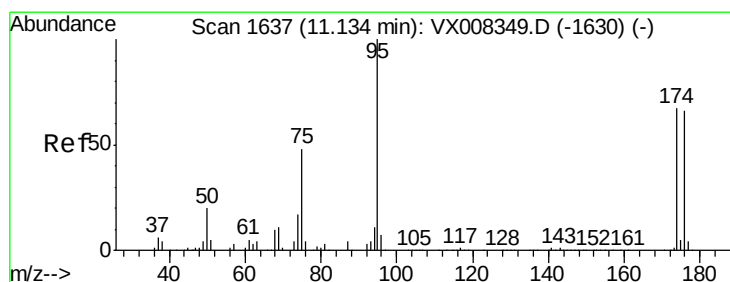
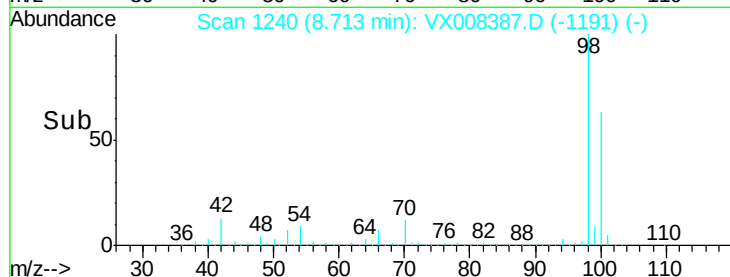
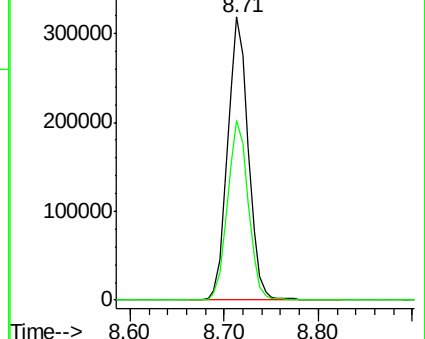
98 100

100 63.7 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 44.666 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008387.D

Acq: 24 Mar 2019 13:22

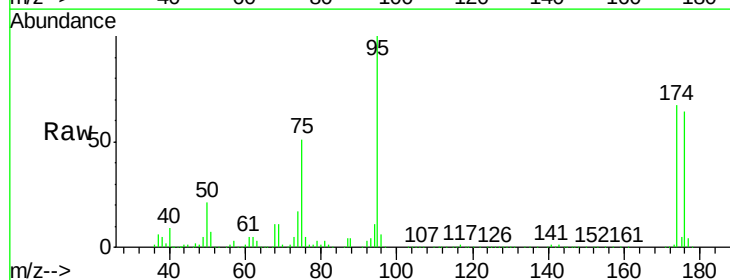
Tgt Ion: 95 Resp: 163266

Ion Ratio Lower Upper

95 100

174 73.3 0.0 182.8

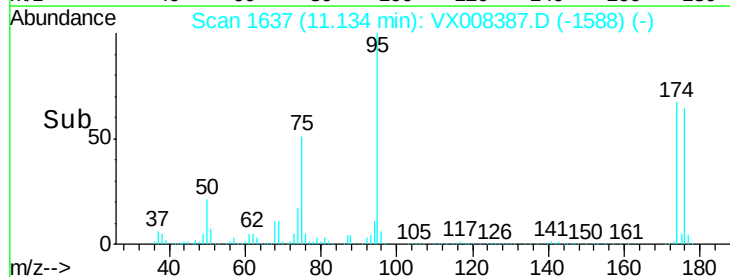
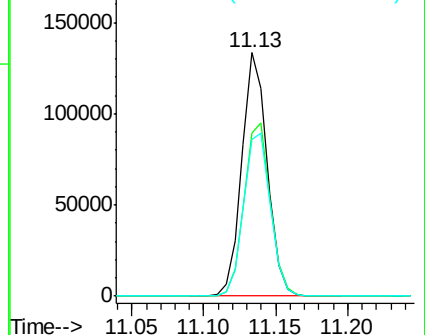
176 70.6 0.0 178.0

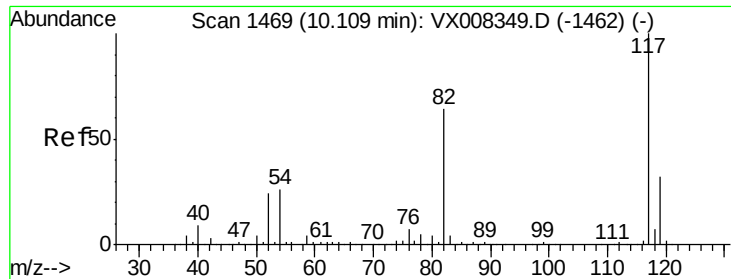


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

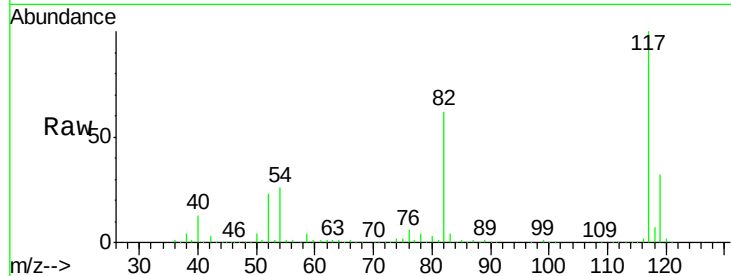




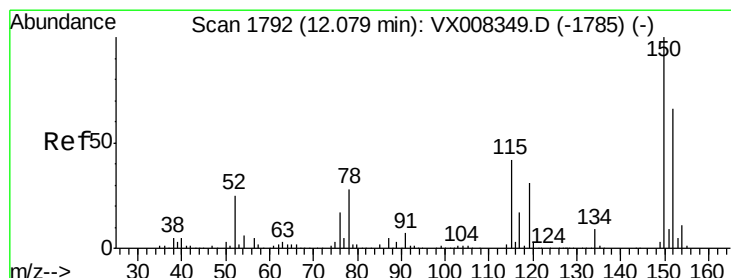
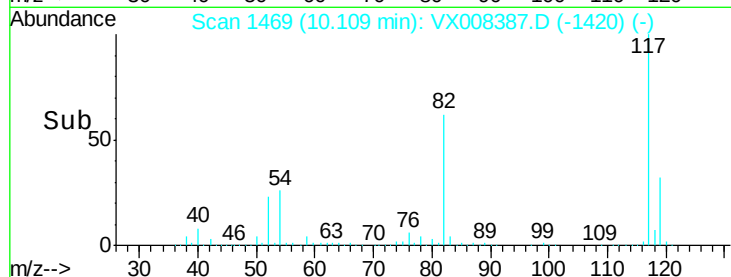
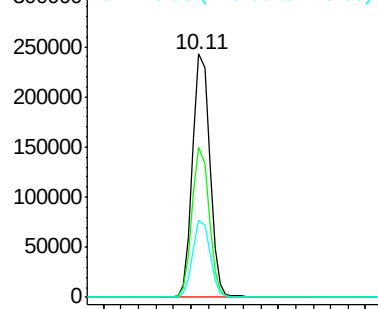
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008387.D
Acq: 24 Mar 2019 13:22

Instrument :
MSVOA_X
ClientSampleId :
M4-T0-OZ(PRE)

Tot Ion:117 Resp: 332782
Ion Ratio Lower Upper
117 100
82 61.7 44.3 66.5
119 31.7 25.3 37.9

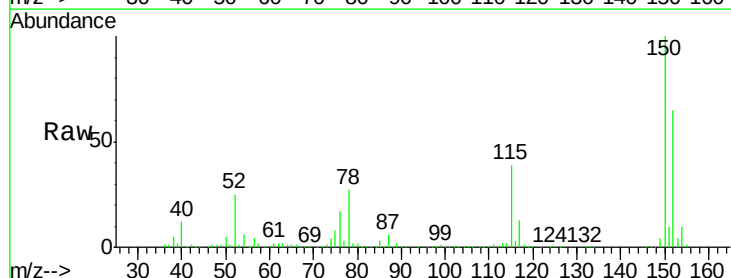


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008387.D
Acq: 24 Mar 2019 13:22

Tgt Ion:152 Resp: 134773
Ion Ratio Lower Upper
152 100
115 62.5 38.6 115.7
150 157.4 0.0 348.4



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

