

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101419\
 Data File : VX013056.D
 Acq On : 14 Oct 2019 16:53
 Operator : JC/SP
 Sample : K5336-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW6001

Quant Time: Oct 15 12:19:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 11 09:48:22 2019
 Response via : Initial Calibration

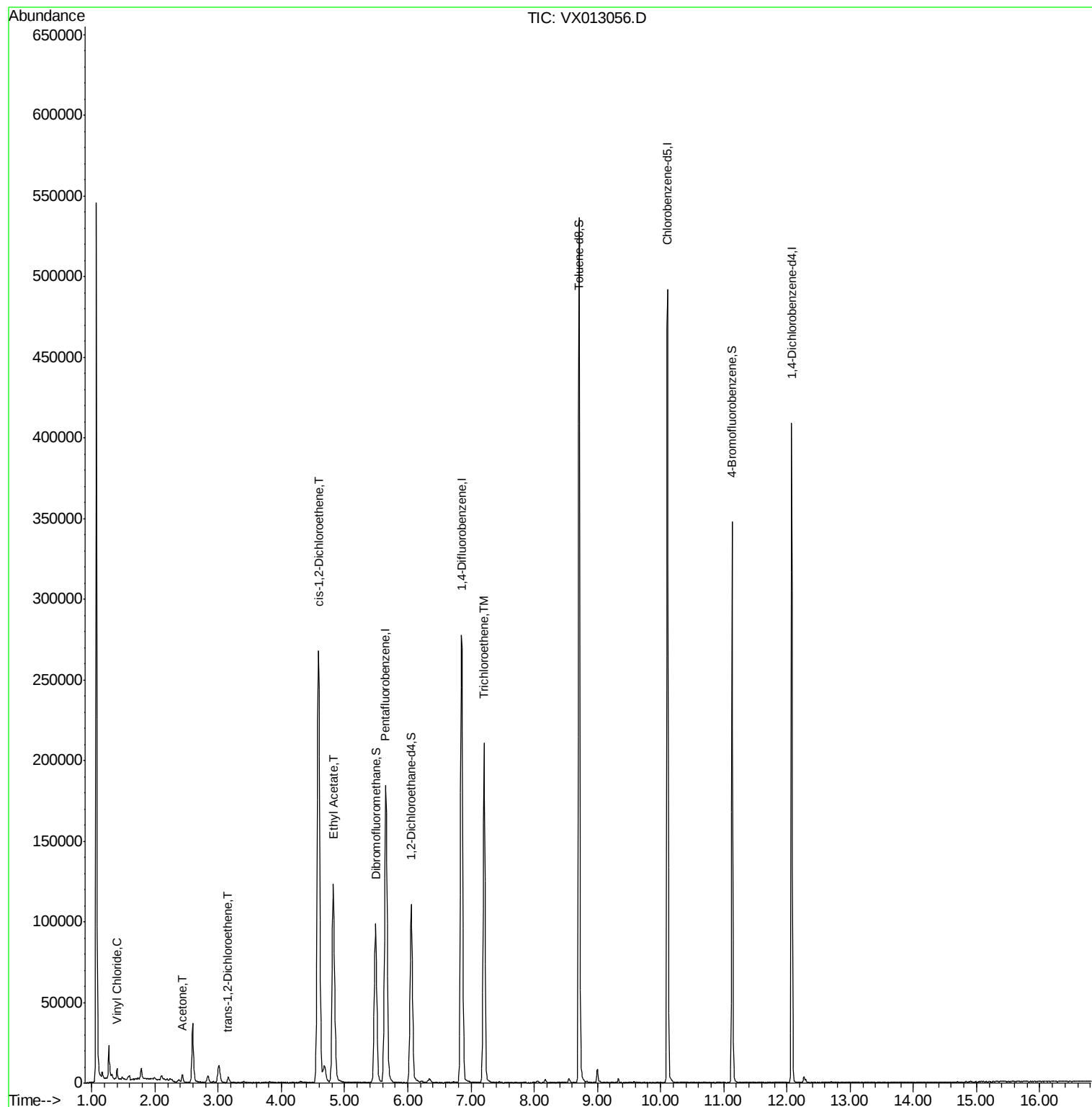
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	172244	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	278664	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	229334	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	80433	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	106334	49.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.78%	
35) Dibromofluoromethane	5.49	113	84278	52.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.38%	
50) Toluene-d8	8.71	98	321181	51.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.98%	
62) 4-Bromofluorobenzene	11.14	95	99351	40.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.98%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.40	62	2834	1.437	ug/l	99
16) Acetone	2.44	43	5443	4.797	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	1107	0.593	ug/l #	83
27) cis-1,2-Dichloroethene	4.59	96	175378	81.554	ug/l	90
37) Ethyl Acetate	4.82	43	209310	76.402	ug/l	98
44) Trichloroethene	7.21	130	82069	40.899	ug/l	96

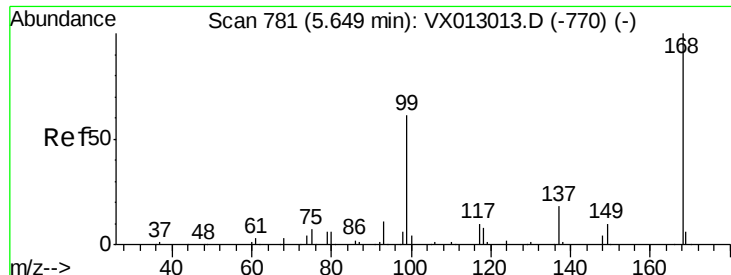
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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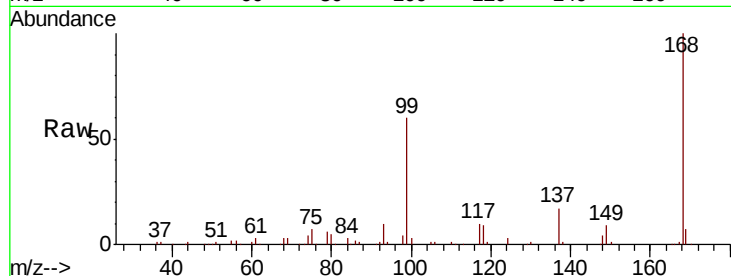




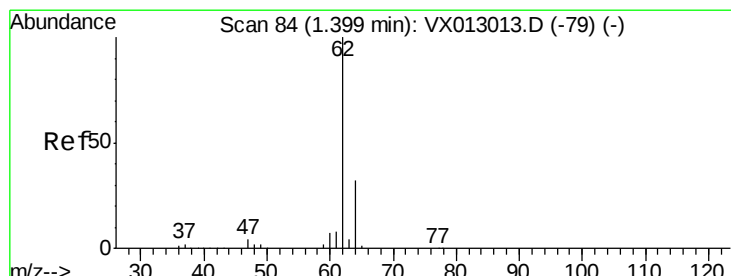
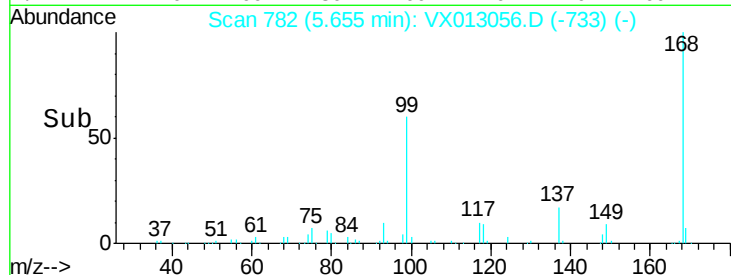
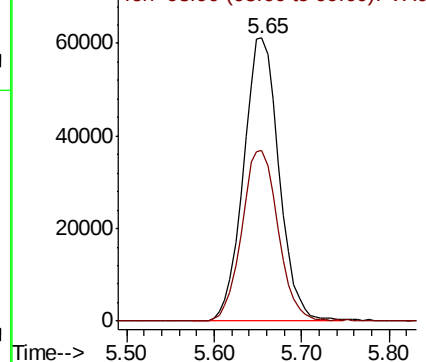
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.00 min
Lab File: VX013056.D
Acq: 14 Oct 2019 16:53

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW6001

Tot Ion:168 Resp: 172244
Ion Ratio Lower Upper
168 100
99 60.3 49.4 74.0

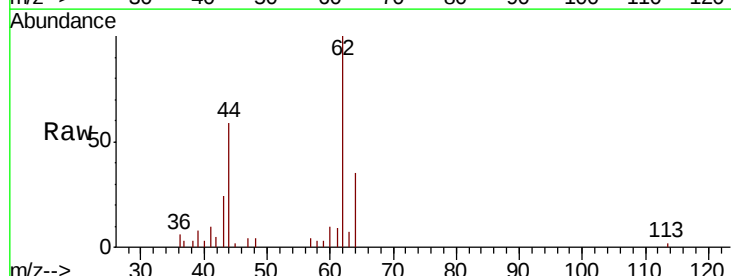


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VX0

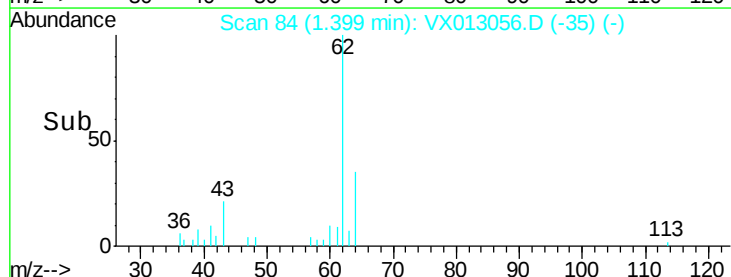
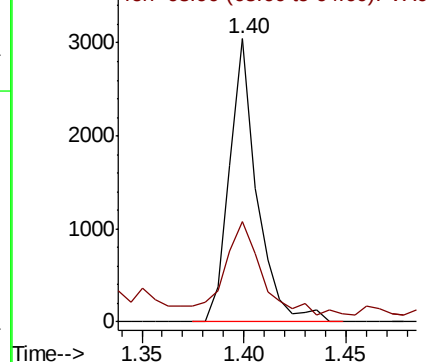


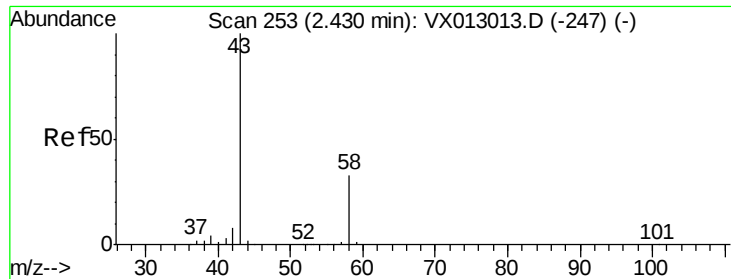
#4
Vinyl Chloride
Concen: 1.437 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX013056.D
Acq: 14 Oct 2019 16:53

Tgt Ion: 62 Resp: 2834
Ion Ratio Lower Upper
62 100
64 32.4 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 63.90 (63.60 to 64.60): VX0





#16

Acetone

Concen: 4.797 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX013056.D

Acq: 14 Oct 2019 16:53

Instrument :

MSVOA_X

ClientSampleId :

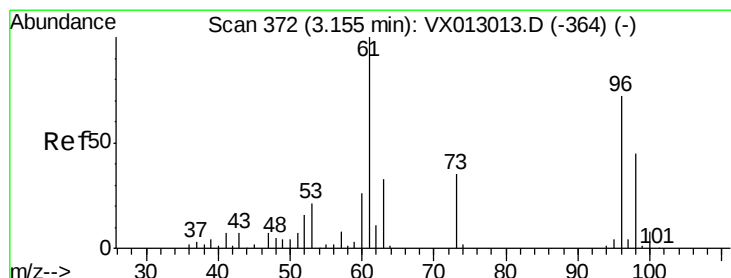
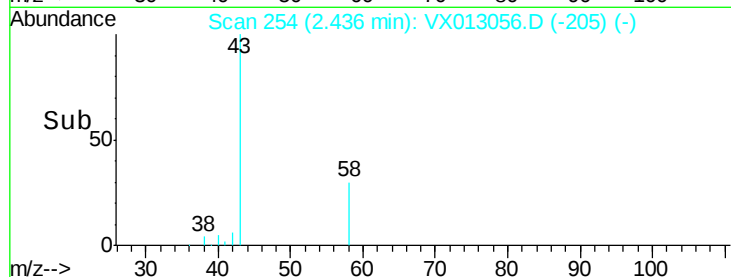
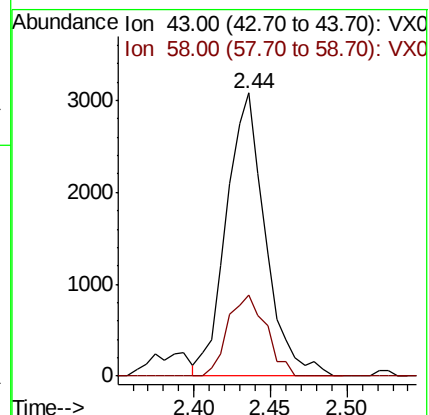
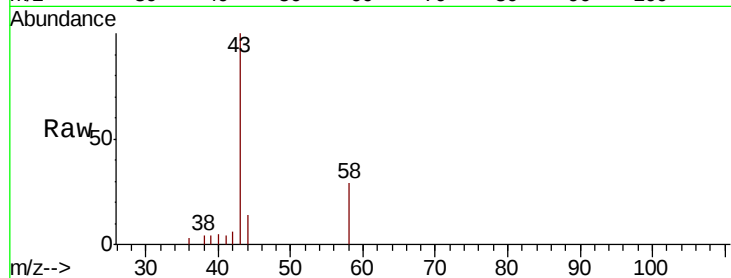
FA19-JMW6001

Tot Ion: 43 Resp: 5443

Ion Ratio Lower Upper

43 100

58 28.6 25.4 38.2



#21

trans-1,2-Dichloroethene

Concen: 0.593 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX013056.D

Acq: 14 Oct 2019 16:53

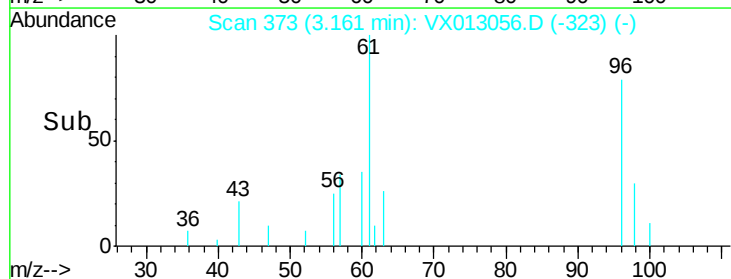
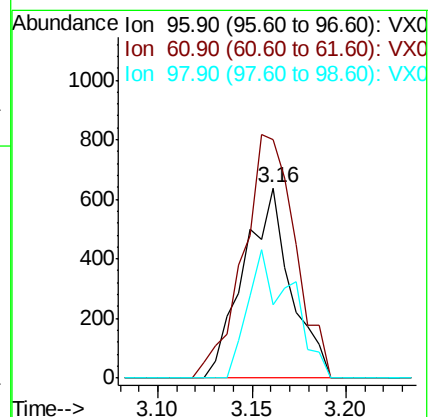
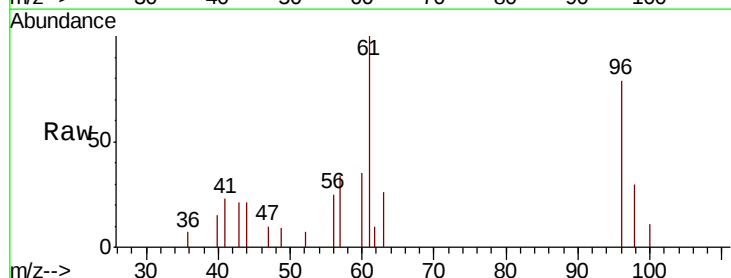
Tgt Ion: 96 Resp: 1107

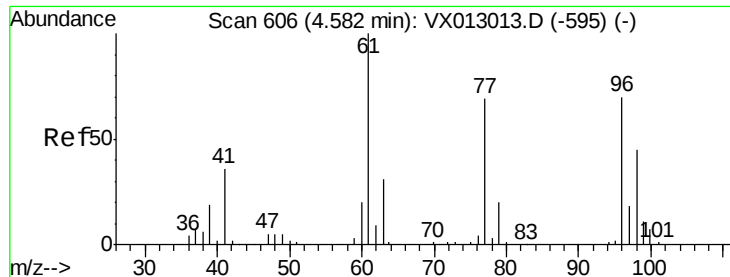
Ion Ratio Lower Upper

96 100

61 125.9 110.4 165.6

98 38.3 51.5 77.3#



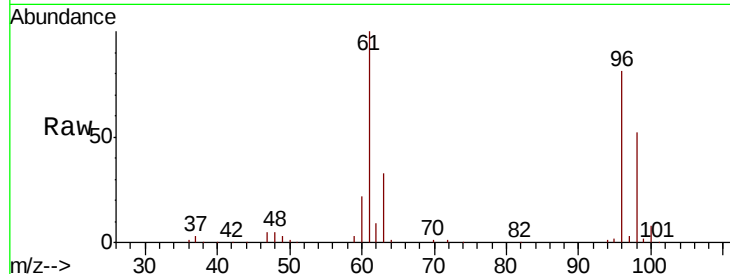


#27

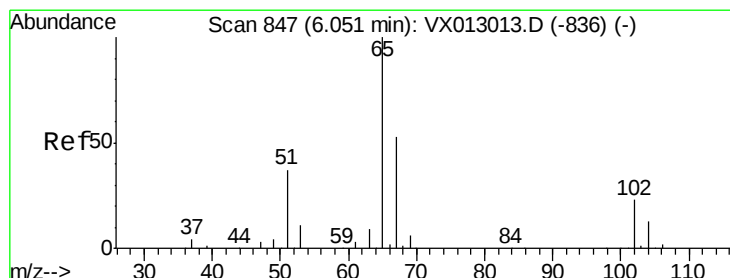
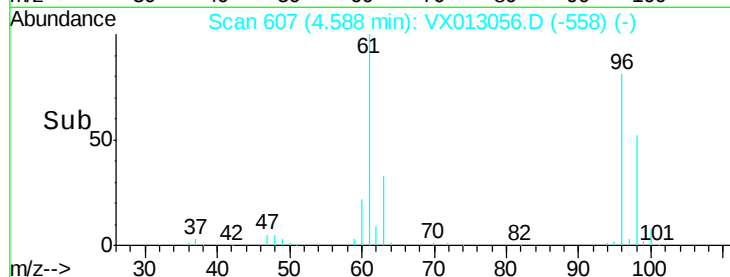
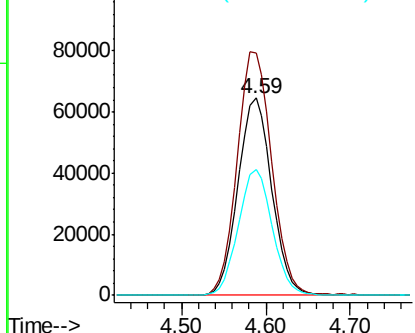
cis-1,2-Dichloroethene
 Concen: 81.554 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: VX013056.D
 Acq: 14 Oct 2019 16:53

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW6001

Tot Ion: 96 Resp: 175378
 Ion Ratio Lower Upper
 96 100
 61 126.8 0.0 290.6
 98 64.1 0.0 128.8



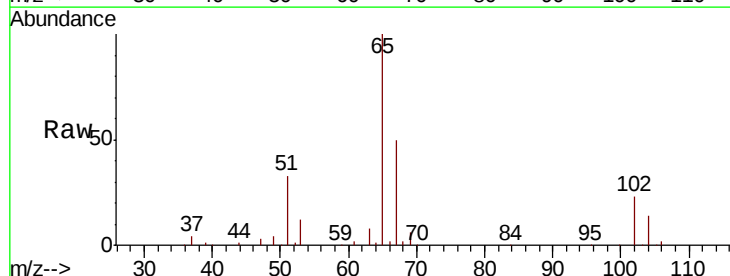
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



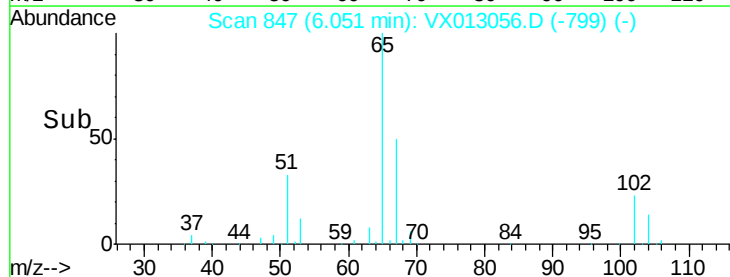
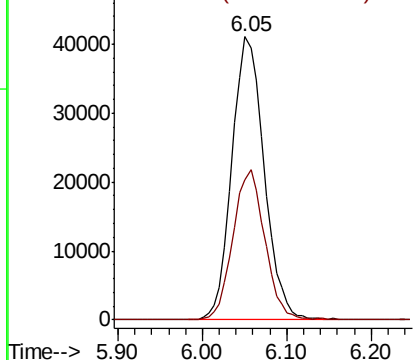
#33

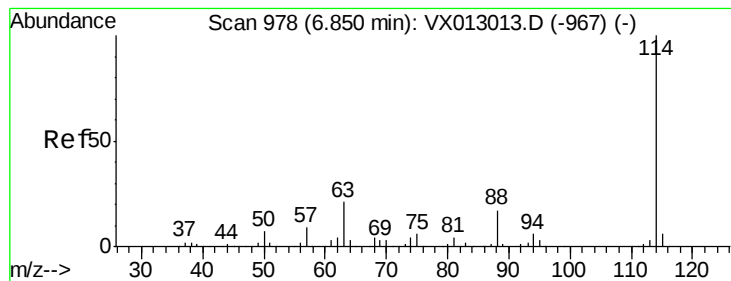
1,2-Dichloroethane-d4
 Concen: 49.393 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX013056.D
 Acq: 14 Oct 2019 16:53

Tgt Ion: 65 Resp: 106334
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 104.4



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# 978

Delta R.T. 0.00 min

Lab File: VX013056.D

Acq: 14 Oct 2019 16:53

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW6001

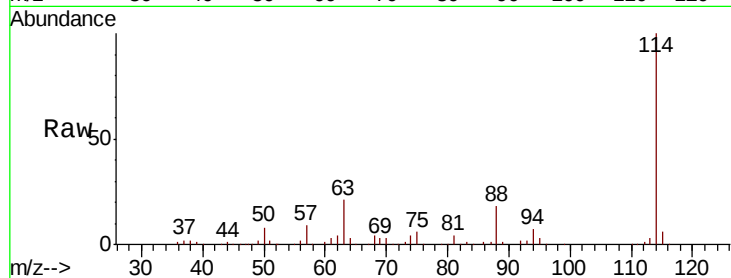
Tot Ion:114 Resp: 278664

Ion Ratio Lower Upper

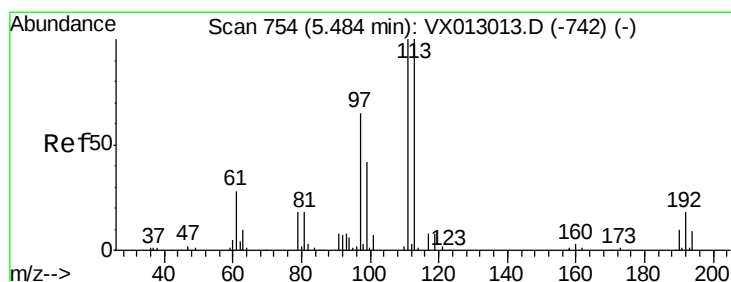
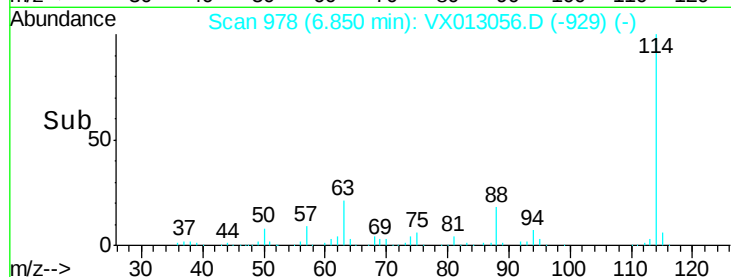
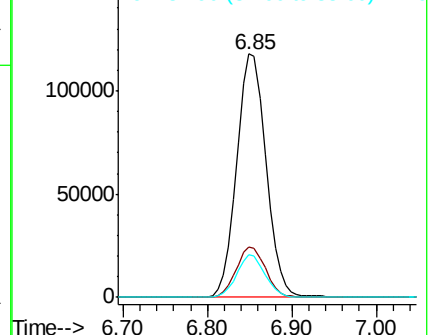
114 100

63 20.7 0.0 40.8

88 17.8 0.0 33.8



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: 52.694 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX013056.D

Acq: 14 Oct 2019 16:53

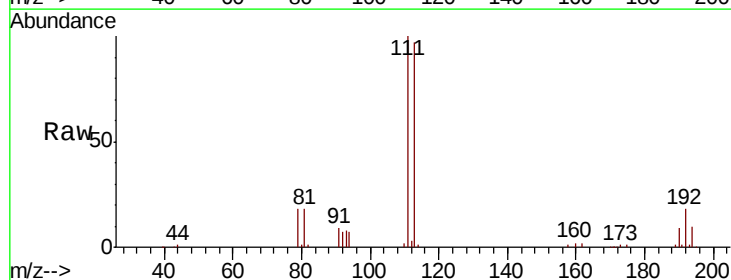
Tgt Ion:113 Resp: 84278

Ion Ratio Lower Upper

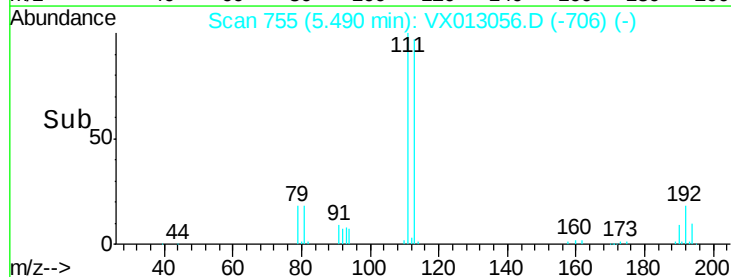
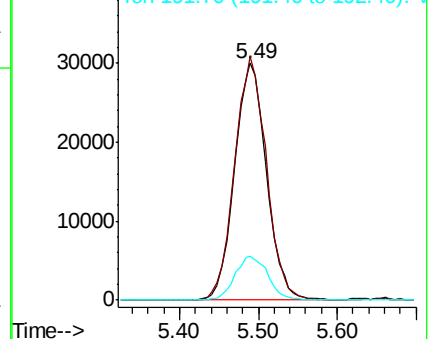
113 100

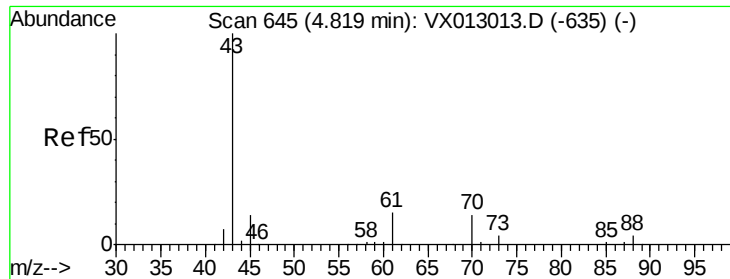
111 102.7 83.2 124.8

192 19.1 15.4 23.2



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

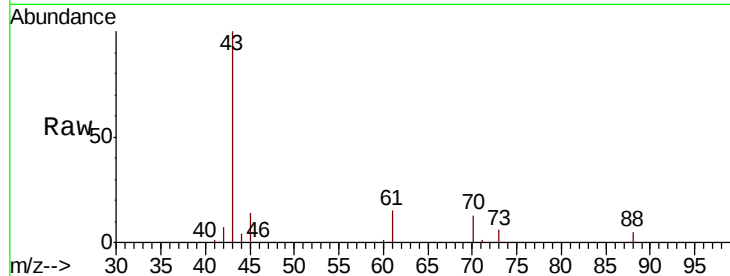




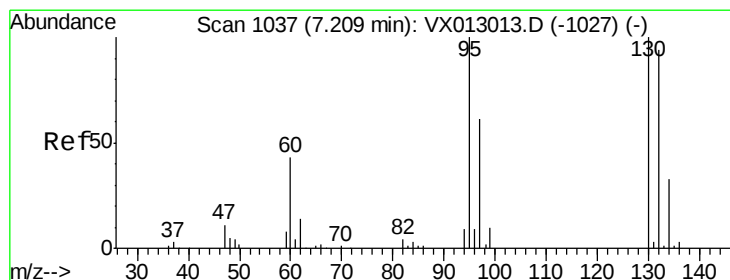
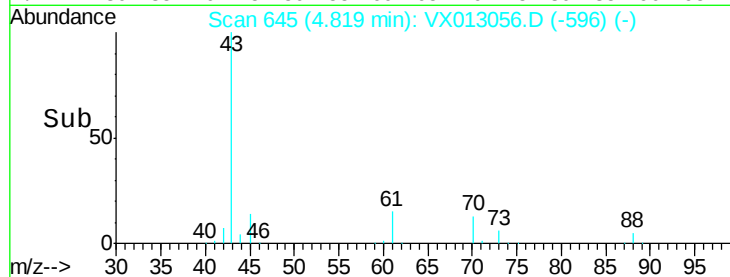
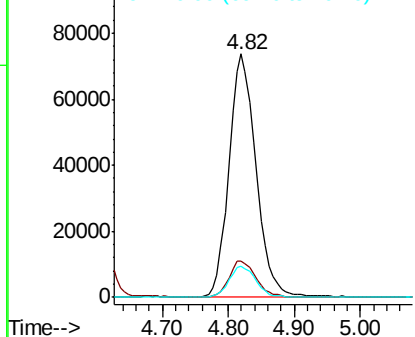
#37
Ethyl Acetate
Concen: 76.402 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013056.D
Acq: 14 Oct 2019 16:53

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW6001

Tot Ion: 43 Resp: 209310
Ion Ratio Lower Upper
43 100
61 15.3 11.4 17.0
70 12.8 9.8 14.6

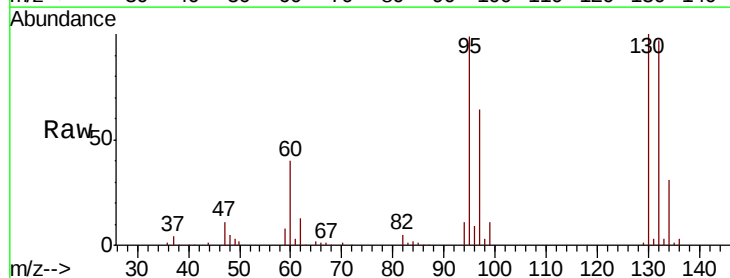


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

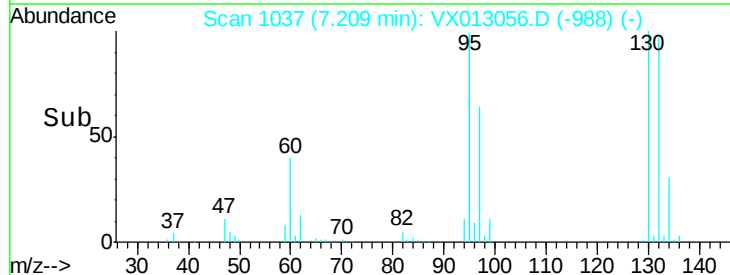
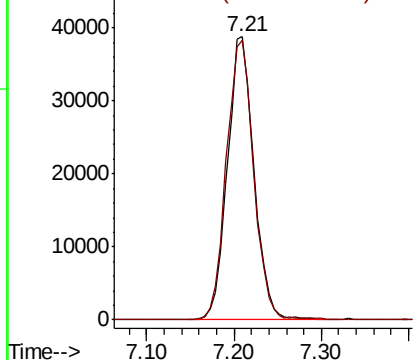


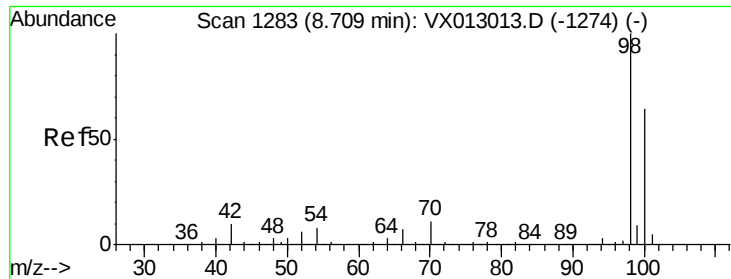
#44
Trichloroethene
Concen: 40.899 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VX013056.D
Acq: 14 Oct 2019 16:53

Tgt Ion:130 Resp: 82069
Ion Ratio Lower Upper
130 100
95 98.7 0.0 189.2



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0

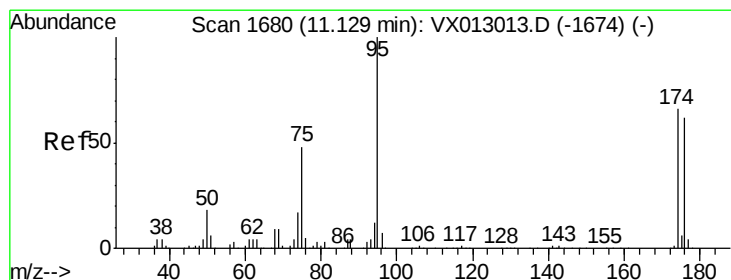
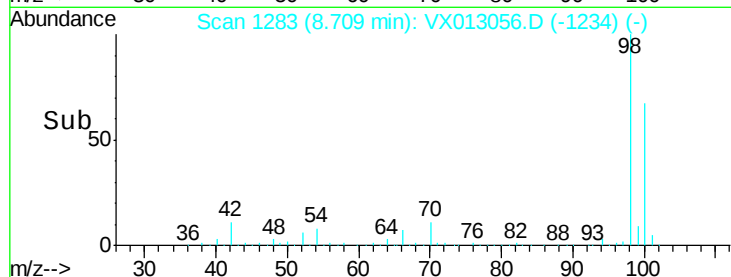
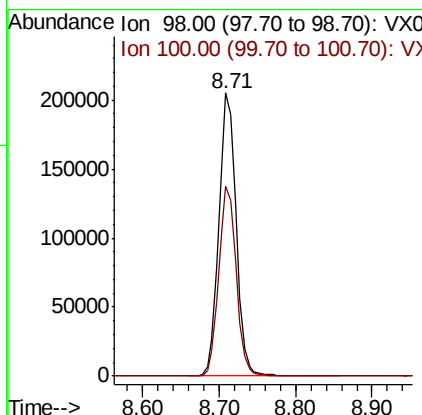
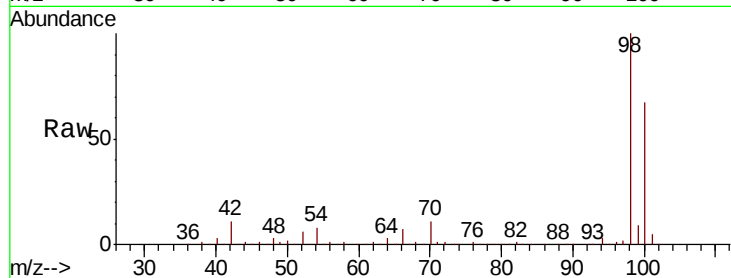




#50
Toluene-d8
Concen: 51.488 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013056.D
Acq: 14 Oct 2019 16:53

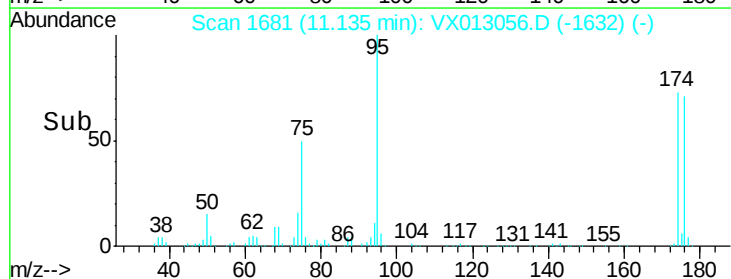
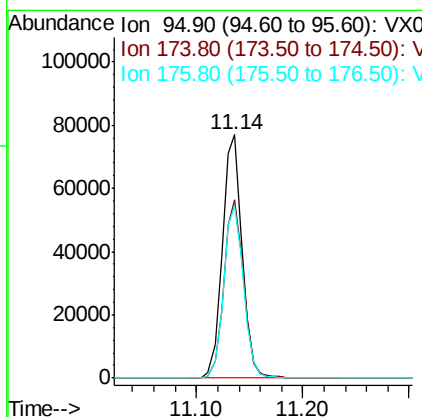
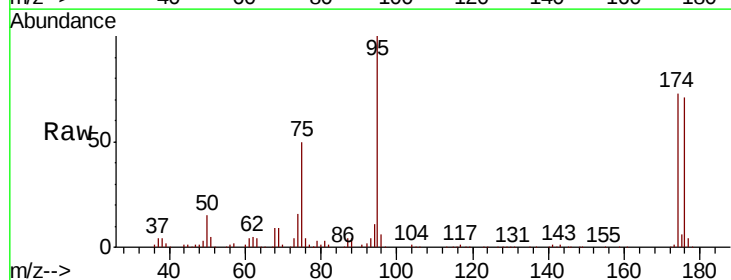
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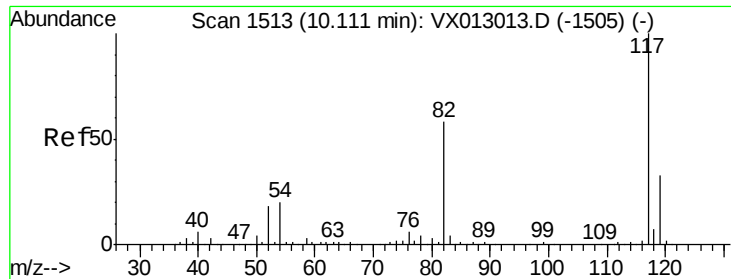
Tot Ion: 98 Resp: 321181
Ion Ratio Lower Upper
98 100
100 67.5 53.4 80.2



#62
4-Bromofluorobenzene
Concen: 40.989 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX013056.D
Acq: 14 Oct 2019 16:53

Tgt Ion: 95 Resp: 99351
Ion Ratio Lower Upper
95 100
174 73.4 0.0 143.4
176 71.6 0.0 136.0

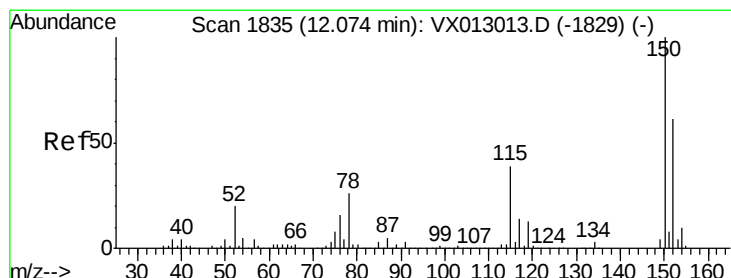
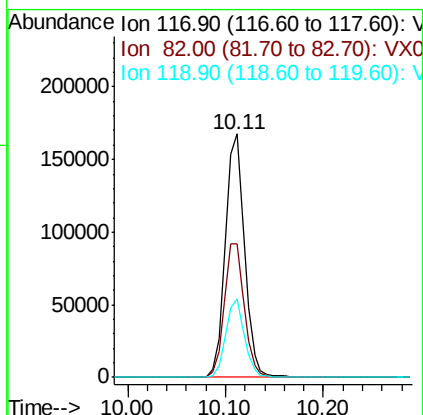
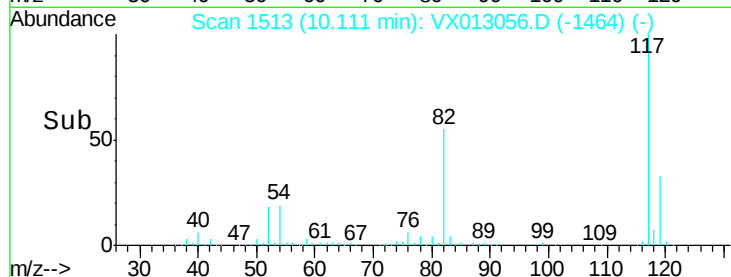
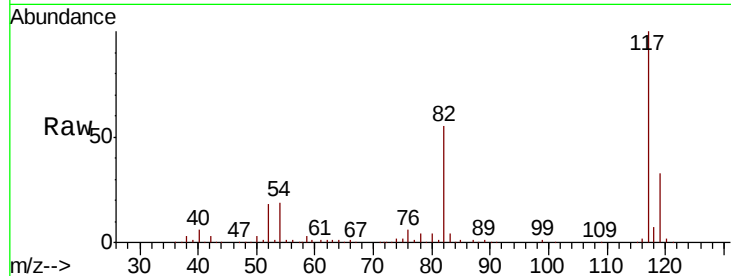




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013056.D
Acq: 14 Oct 2019 16:53

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW6001

Tot Ion:117 Resp: 229334
Ion Ratio Lower Upper
117 100
82 55.0 44.1 66.1
119 32.5 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013056.D
Acq: 14 Oct 2019 16:53

Tgt Ion:152 Resp: 80433
Ion Ratio Lower Upper
152 100
115 62.0 44.5 133.5
150 159.1 0.0 353.4

