

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072318\
 Data File : VN050006.D
 Acq On : 23 Jul 2018 12:03
 Operator : MD\SY
 Sample : PB111341ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111341ZHE#02

Quant Time: Jul 24 05:15:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 01:58:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	605406	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	999429	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	836356	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	244910	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	428349	51.48	ug/l	0.00
Spiked Amount			Recovery	=	102.96%	
35) Dibromofluoromethane	7.59	113	376775	44.91	ug/l	0.00
Spiked Amount			Recovery	=	89.82%	
50) Toluene-d8	10.09	98	1358597	44.44	ug/l	0.00
Spiked Amount			Recovery	=	88.88%	
62) 4-Bromofluorobenzene	12.40	95	341660	32.45	ug/l	0.00
Spiked Amount			Recovery	=	64.90%	

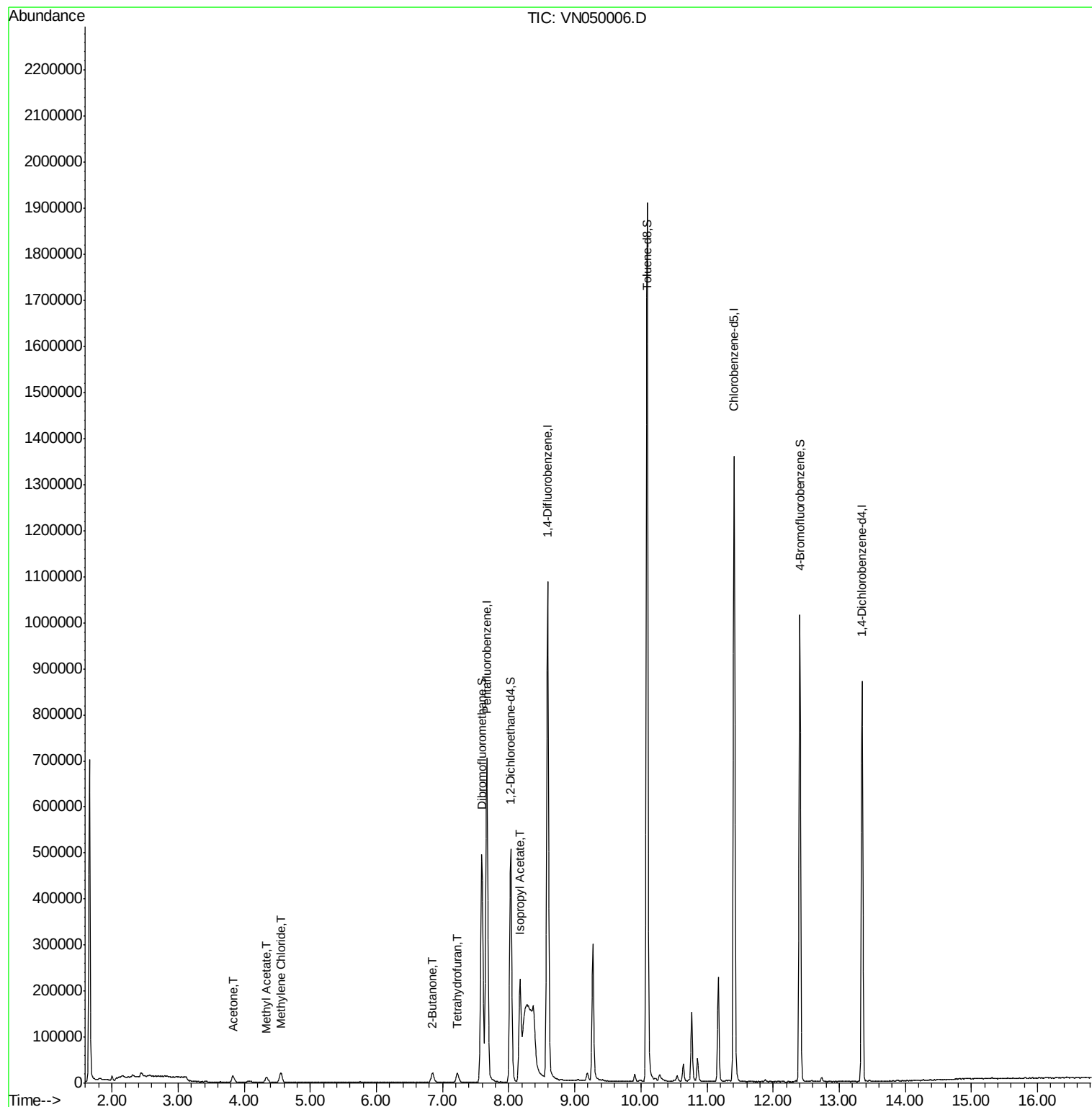
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	25139	11.67	ug/l	100
18) Methyl Acetate	4.33	43	20920	2.30	ug/l #	71
20) Methylene Chloride	4.55	84	15231	1.86	ug/l	93
25) 2-Butanone	6.85	43	33284	10.81	ug/l	96
29) Tetrahydrofuran	7.22	42	16283	8.39	ug/l #	82
43) Isopropyl Acetate	8.17	43	280828	21.06	ug/l	100

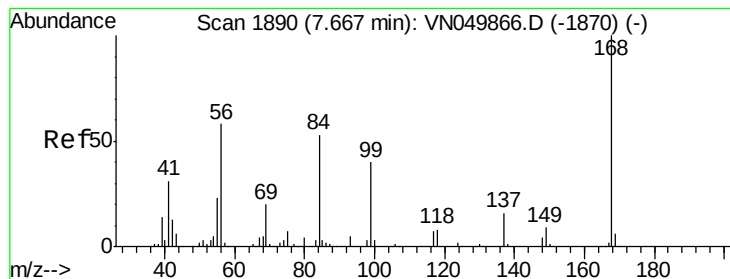
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050006.D

Acq: 23 Jul 2018 12:03

Instrument :

MSVOA_N

ClientSampleId :

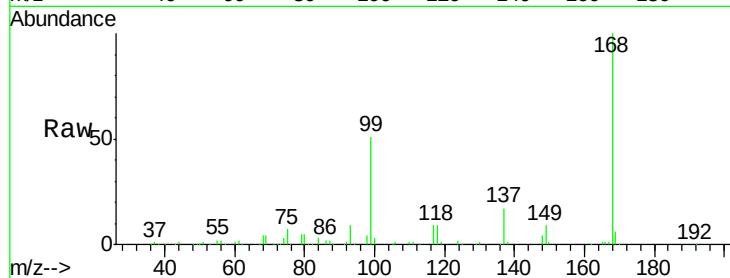
PB111341ZHE#02

Tot Ion:168 Resp: 605406

Ion Ratio Lower Upper

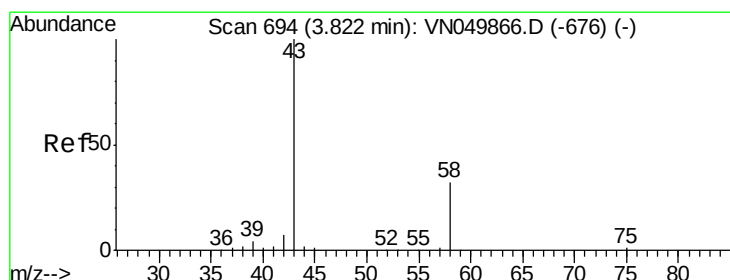
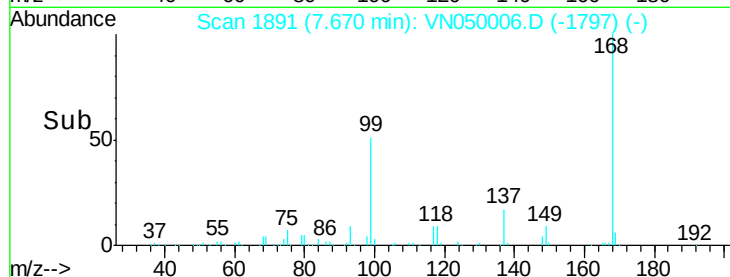
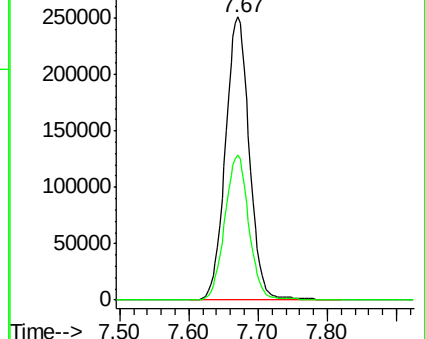
168 100

99 51.1 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 11.67 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN050006.D

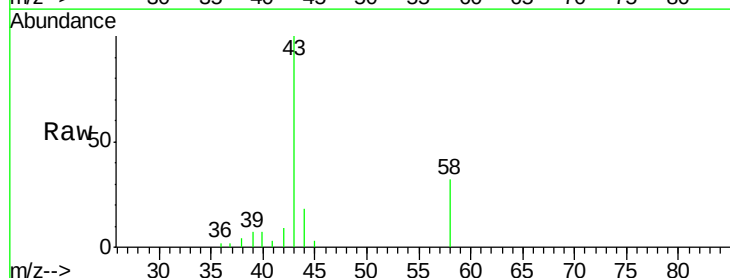
Acq: 23 Jul 2018 12:03

Tgt Ion: 43 Resp: 25139

Ion Ratio Lower Upper

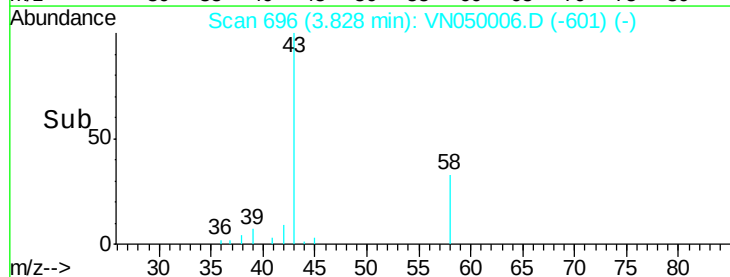
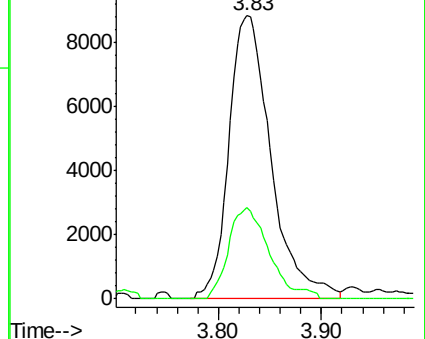
43 100

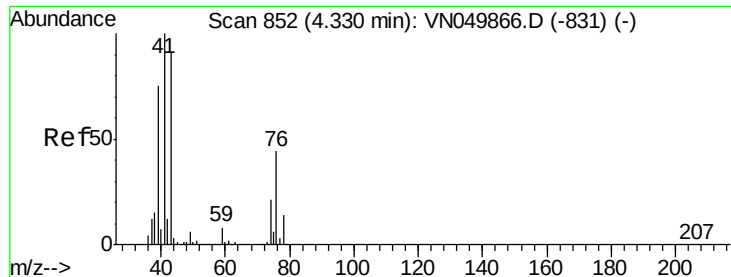
58 32.2 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

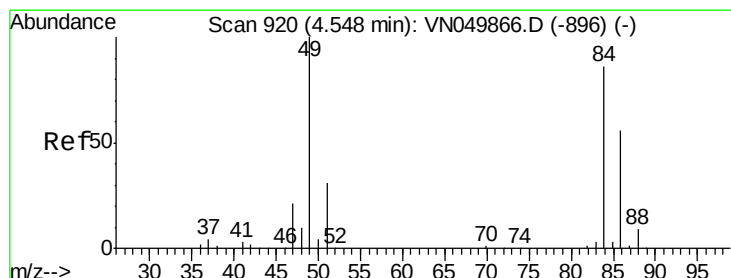
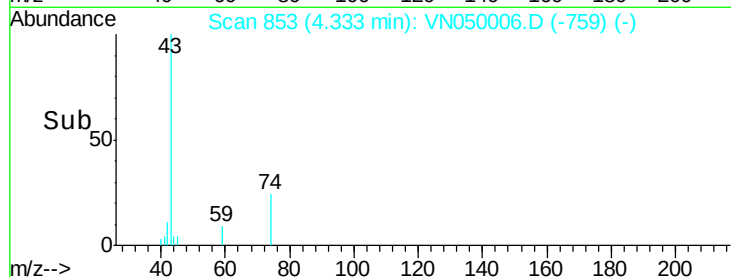
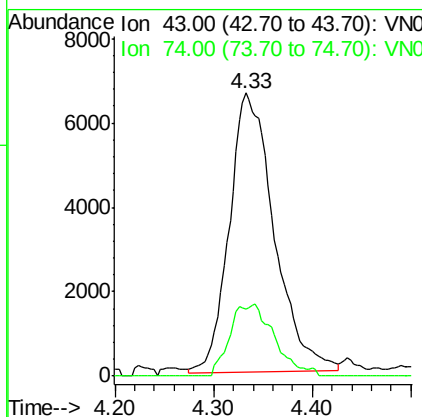
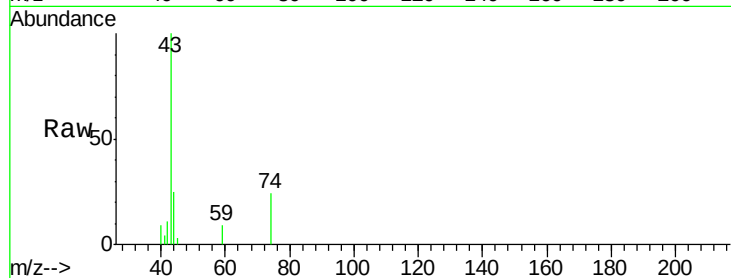




#18
Methvl Acetate
Concen: 2.30 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN050006.D
Acq: 23 Jul 2018 12:03

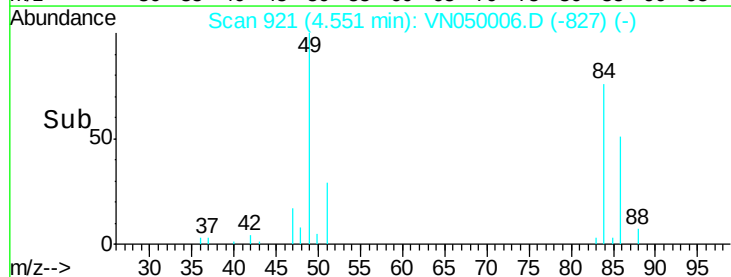
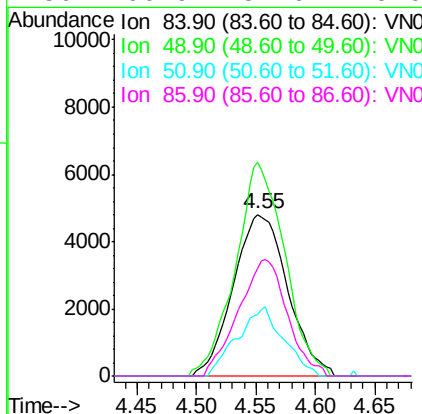
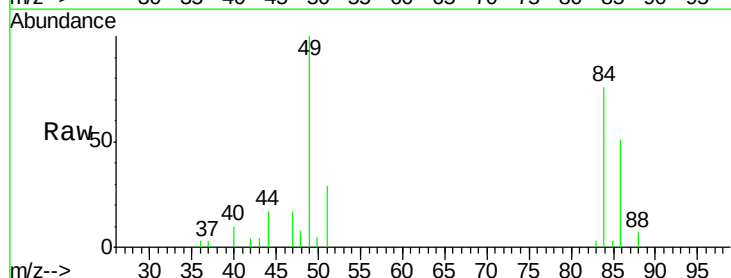
Instrument :
MSVOA_N
ClientSampleId :
PB111341ZHE#02

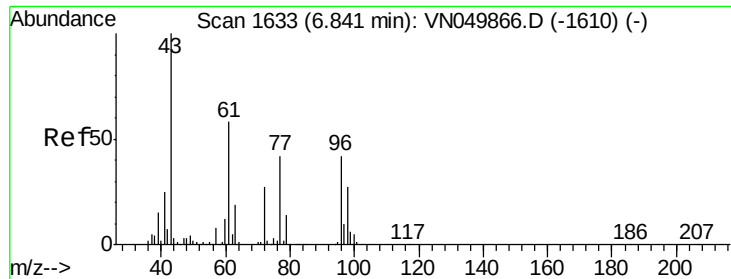
Tot Ion: 43 Resp: 20920
Ion Ratio Lower Upper
43 100
74 10.2 19.8 29.8#



#20
Methylene Chloride
Concen: 1.86 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050006.D
Acq: 23 Jul 2018 12:03

Tgt Ion: 84 Resp: 15231
Ion Ratio Lower Upper
84 100
49 132.1 95.4 143.2
51 38.1 28.4 42.6
86 66.9 52.6 79.0





#25

2-Butanone

Concen: 10.81 ug/l

RT: 6.85 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VN050006.D

Acq: 23 Jul 2018 12:03

Instrument :

MSVOA_N

ClientSampleId :

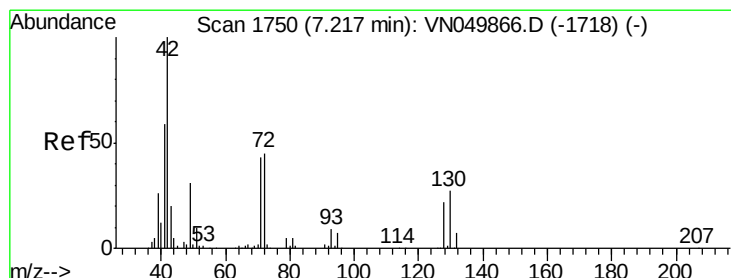
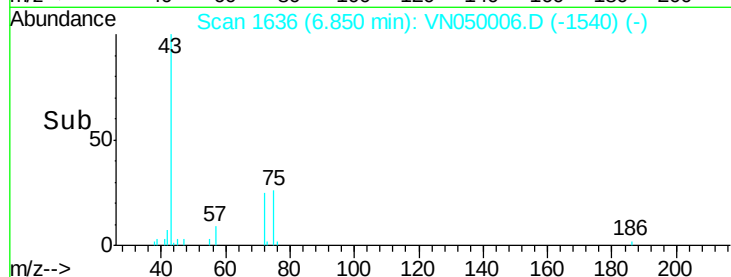
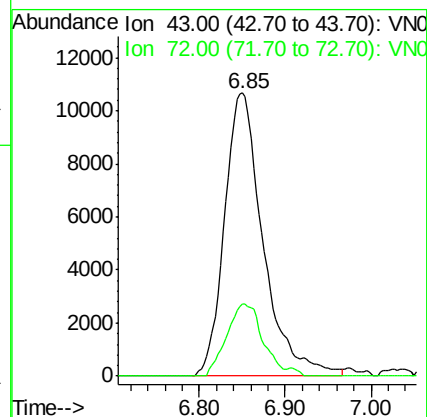
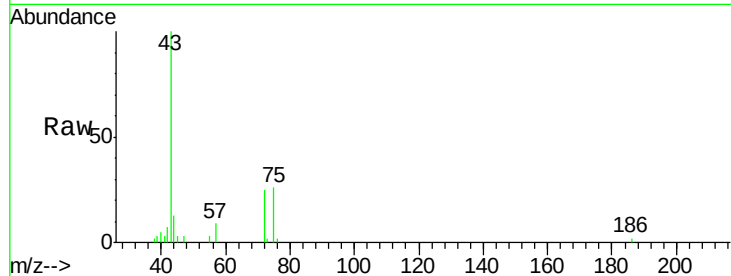
PB111341ZHE#02

Tot Ion: 43 Resp: 33284

Ion Ratio Lower Upper

43 100

72 25.3 22.1 33.1



#29

Tetrahydrofuran

Concen: 8.39 ug/l

RT: 7.22 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VN050006.D

Acq: 23 Jul 2018 12:03

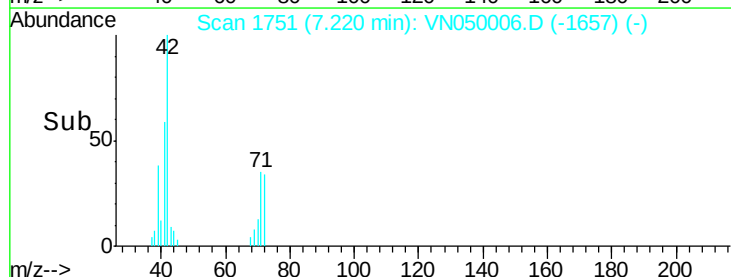
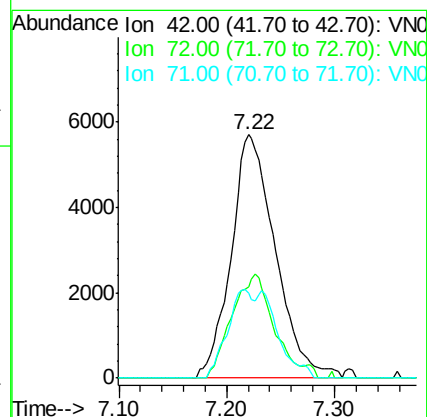
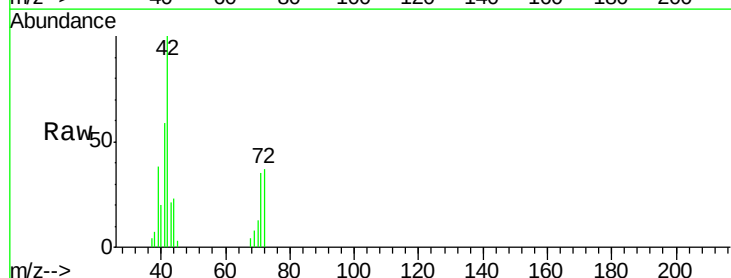
Tgt Ion: 42 Resp: 16283

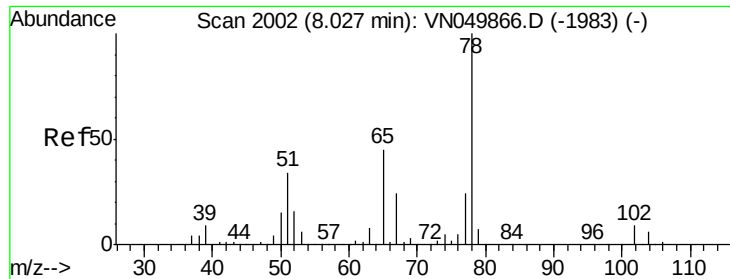
Ion Ratio Lower Upper

42 100

72 41.1 35.6 53.4

71 22.0 34.0 51.0#

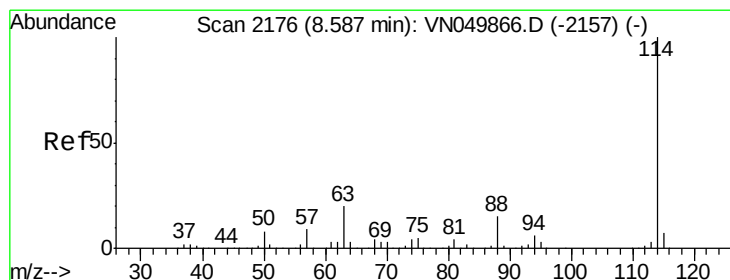
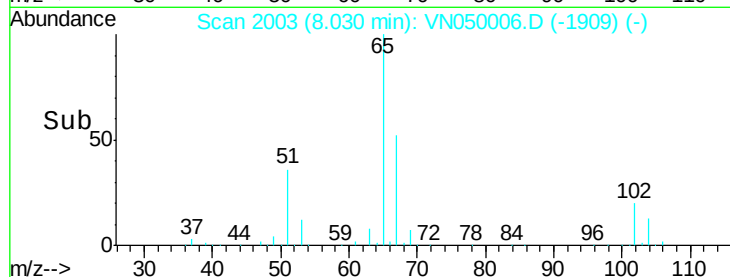
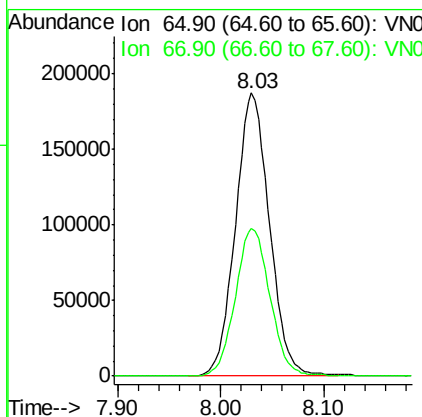
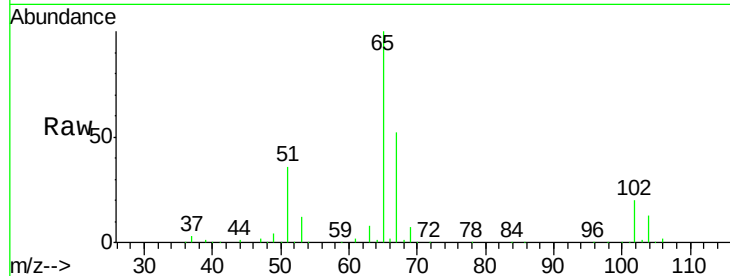




#33
 1,2-Dichloroethane-d4
 Concen: 51.48 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050006.D
 Acq: 23 Jul 2018 12:03

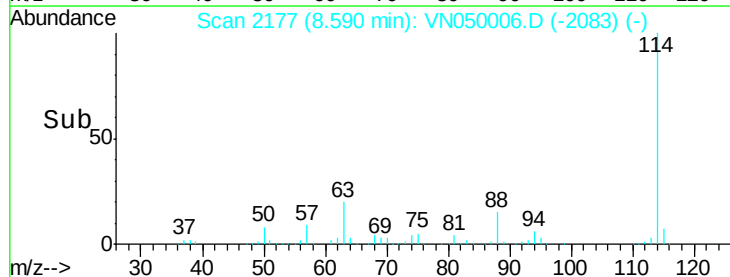
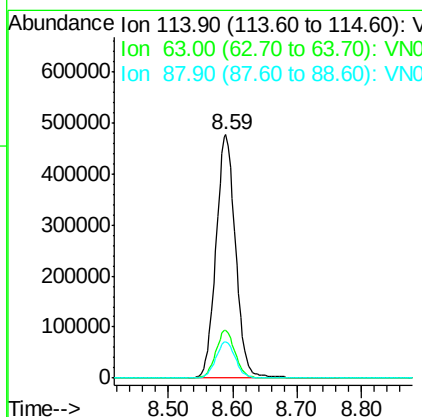
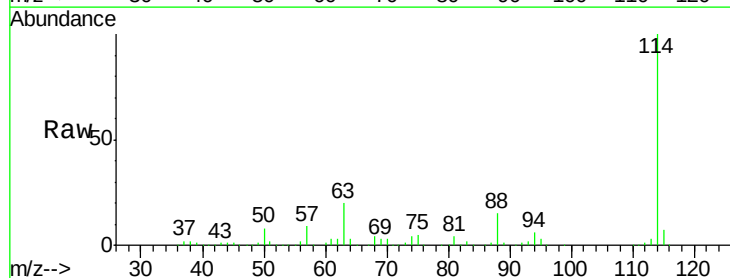
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111341ZHE#02

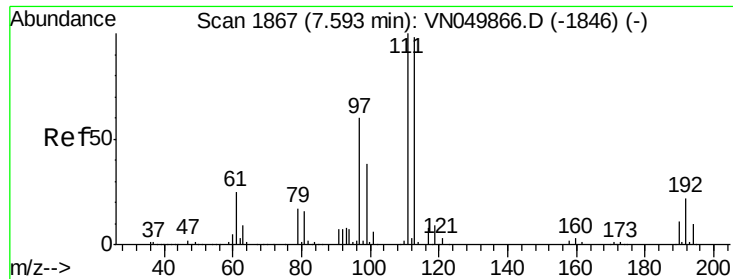
Tot Ion: 65 Resp: 428349
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050006.D
 Acq: 23 Jul 2018 12:03

Tgt Ion: 114 Resp: 999429
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.8
 88 15.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 44.91 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VN050006.D

Acq: 23 Jul 2018 12:03

Instrument :

MSVOA_N

ClientSampleId :

PB111341ZHE#02

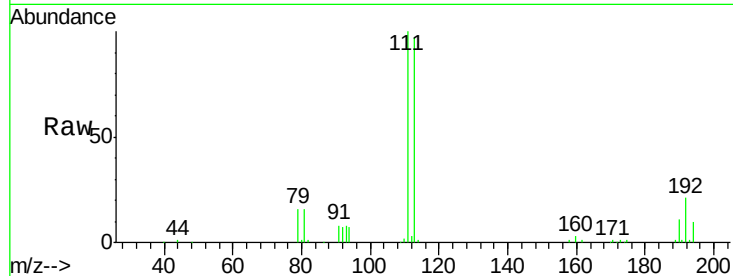
Tot Ion:113 Resp: 376775

Ion Ratio Lower Upper

113 100

111 103.7 81.8 122.8

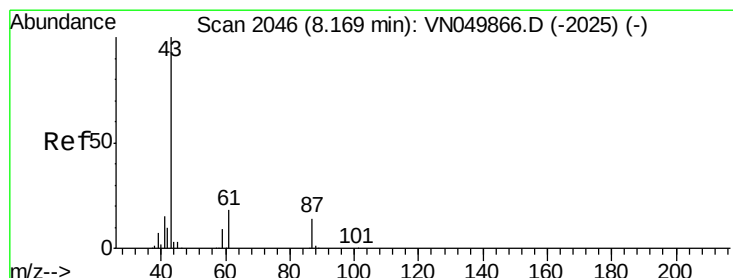
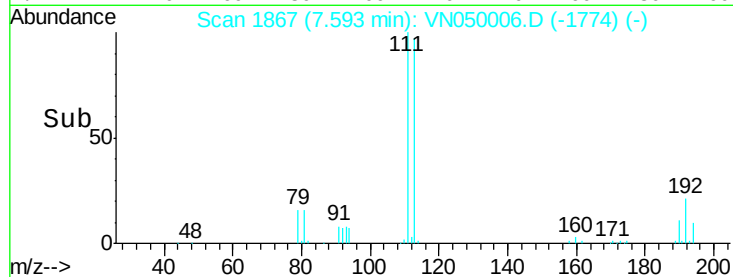
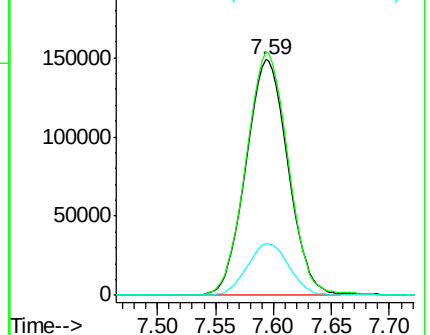
192 22.1 17.8 26.6



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



#43

Isopropyl Acetate

Concen: 21.06 ug/l

RT: 8.17 min Scan# 2047

Delta R.T. 0.00 min

Lab File: VN050006.D

Acq: 23 Jul 2018 12:03

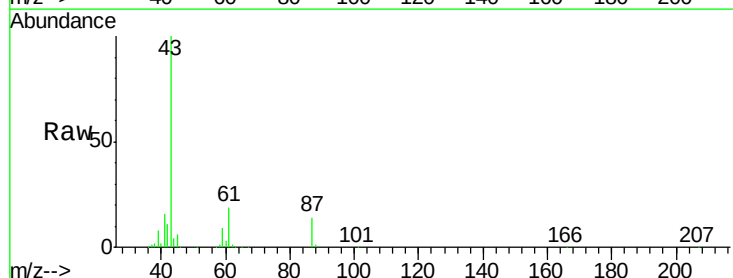
Tgt Ion: 43 Resp: 280828

Ion Ratio Lower Upper

43 100

61 18.5 14.9 22.3

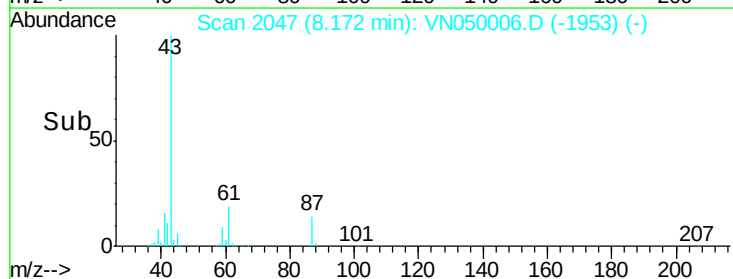
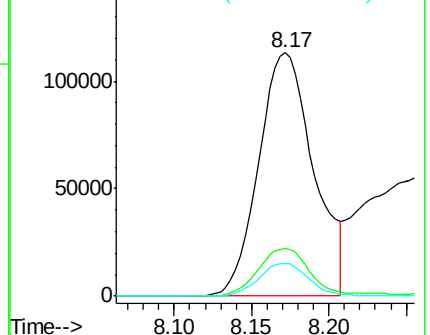
87 12.3 10.0 15.0

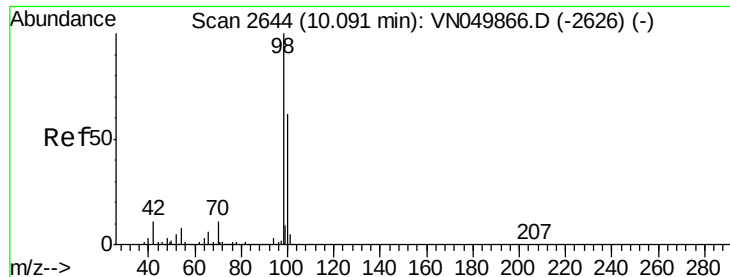


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V

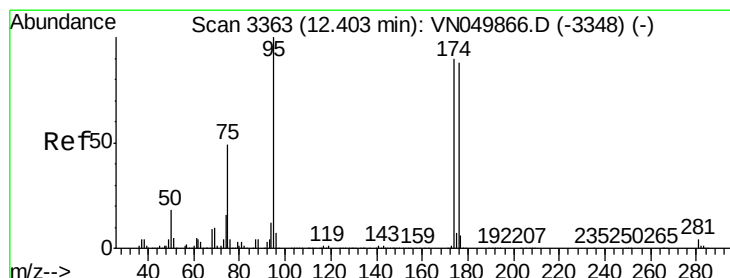
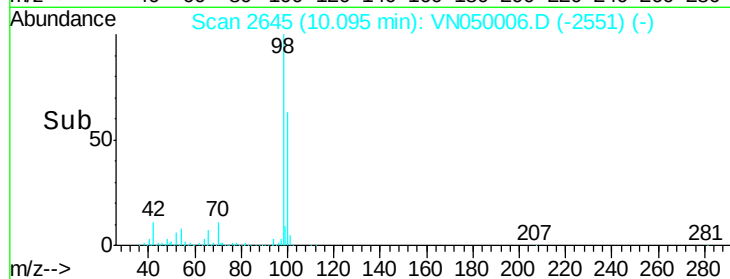
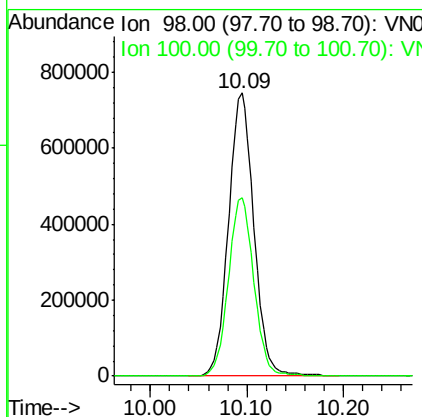
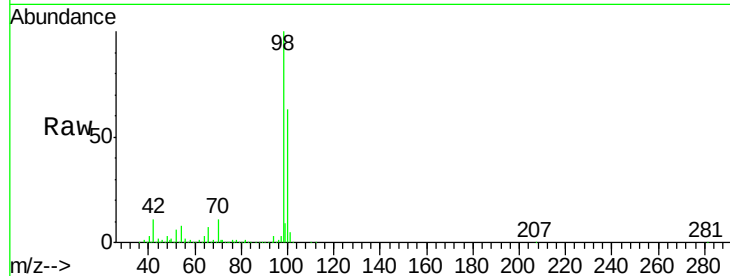




#50
Toluene-d8
Concen: 44.44 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050006.D
Acq: 23 Jul 2018 12:03

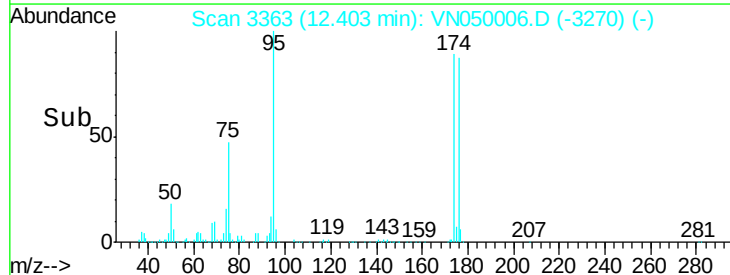
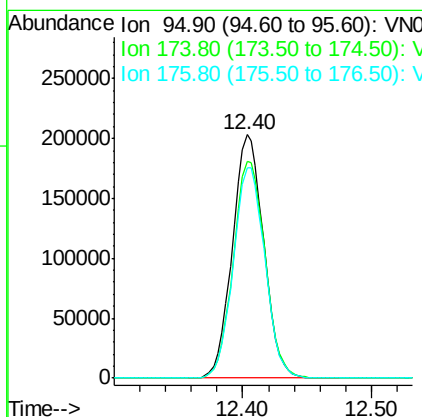
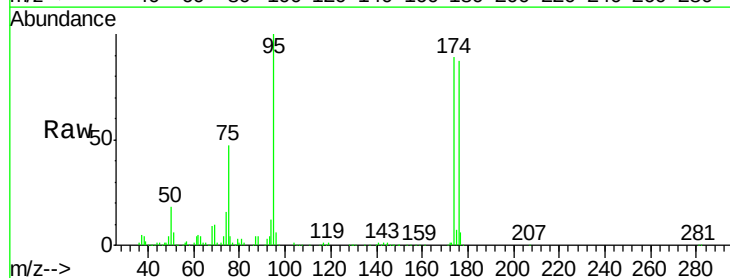
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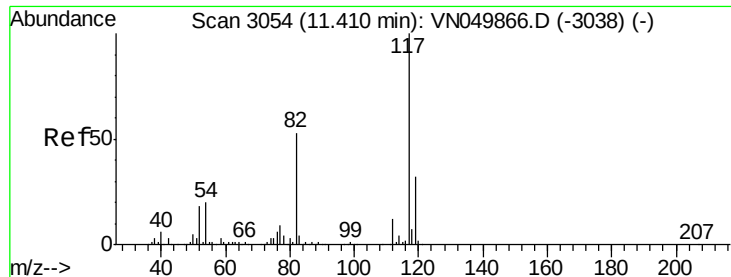
Tot Ion: 98 Resp: 1358597
Ion Ratio Lower Upper
98 100
100 63.4 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 32.45 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.00 min
Lab File: VN050006.D
Acq: 23 Jul 2018 12:03

Tgt Ion: 95 Resp: 341660
Ion Ratio Lower Upper
95 100
174 90.8 0.0 179.6
176 87.6 0.0 174.0

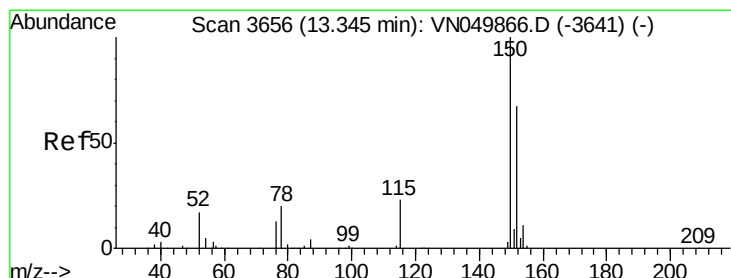
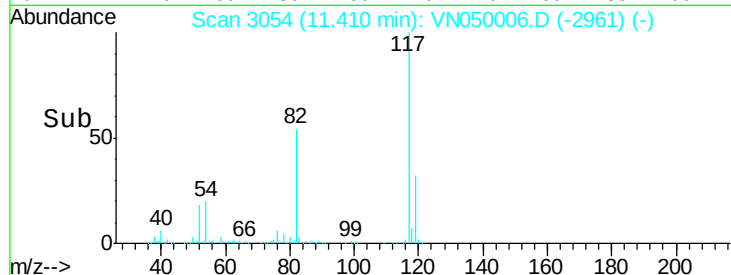
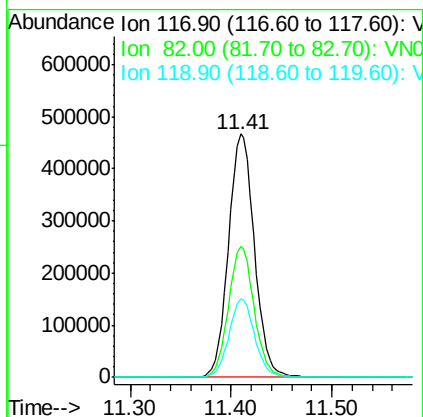
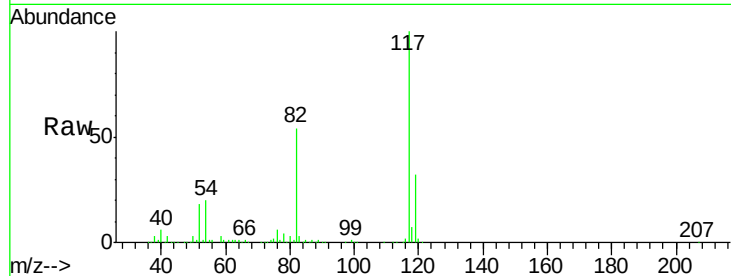




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050006.D
Acq: 23 Jul 2018 12:03

Instrument :
MSVOA_N
ClientSampleId :
PB111341ZHE#02

Tot Ion:117 Resp: 836356
Ion Ratio Lower Upper
117 100
82 53.8 41.9 62.9
119 32.1 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. -0.00 min
Lab File: VN050006.D
Acq: 23 Jul 2018 12:03

Tgt Ion:152 Resp: 244910
Ion Ratio Lower Upper
152 100
115 56.5 28.1 84.2
150 158.8 0.0 347.6

