

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022520\
 Data File : VN060230.D
 Acq On : 25 Feb 2020 13:42
 Operator : JC/MD
 Sample : L1670-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SOLID-COMP

Quant Time: Feb 25 17:07:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

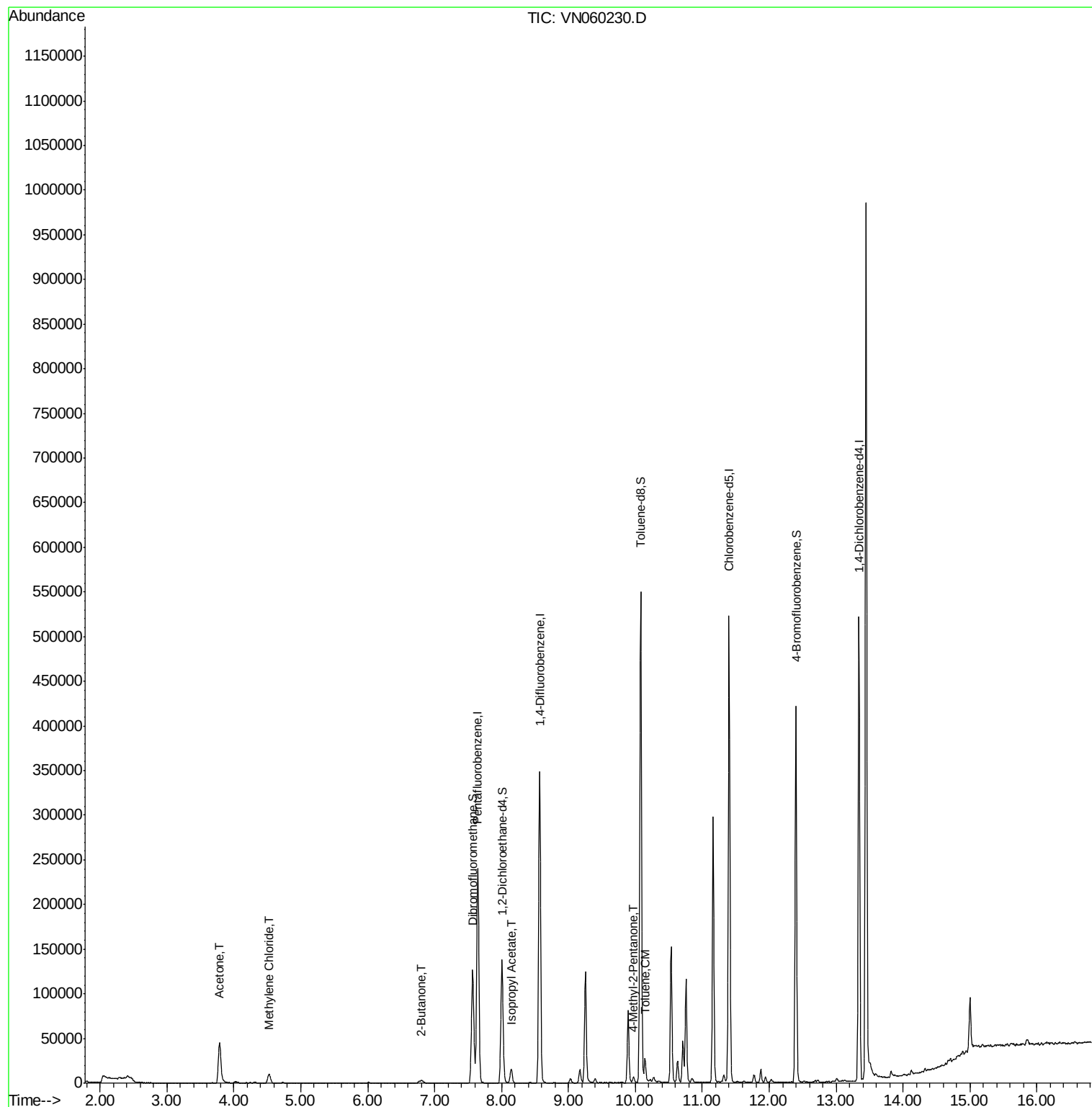
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	202763	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	318422	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	301268	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	139804	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	120137	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	
35) Dibromofluoromethane	7.57	113	95873	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	
50) Toluene-d8	10.08	98	383705	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	
62) 4-Bromofluorobenzene	12.40	95	141851	50.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.16%	
Target Compounds						
16) Acetone	3.79	43	80822	75.098	ug/l	96
20) Methylene Chloride	4.52	84	8072	3.759	ug/l	92
25) 2-Butanone	6.81	43	4197	3.101	ug/l	96
43) Isopropyl Acetate	8.15	43	20056	4.402	ug/l #	89
51) 4-Methyl-2-Pentanone	9.97	43	3362	1.275	ug/l	93
52) Toluene	10.14	92	11898	2.121	ug/l	98

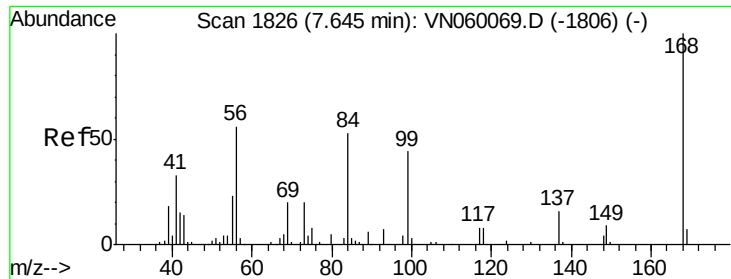
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Feb 12 14:12:21 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN060230.D

Acq: 25 Feb 2020 13:42

Instrument :

MSVOA_N

ClientSampleId :

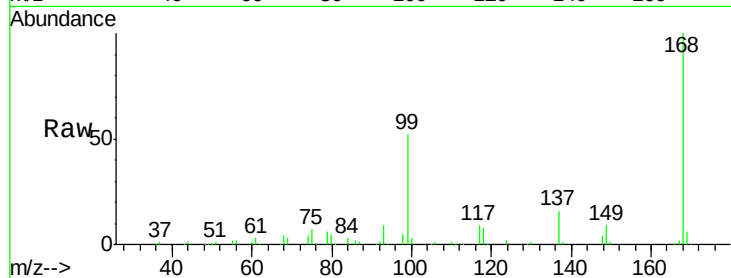
SOLID-COMP

Tot Ion:168 Resp: 202763

Ion Ratio Lower Upper

168 100

99 52.0 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.65

80000

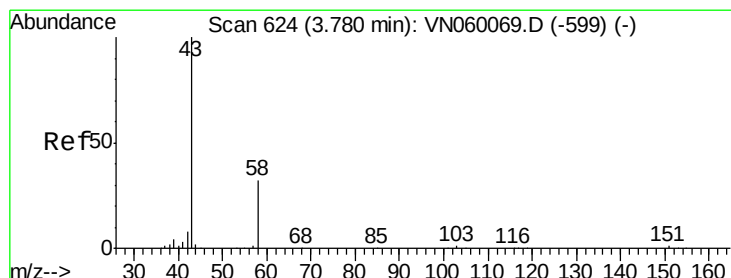
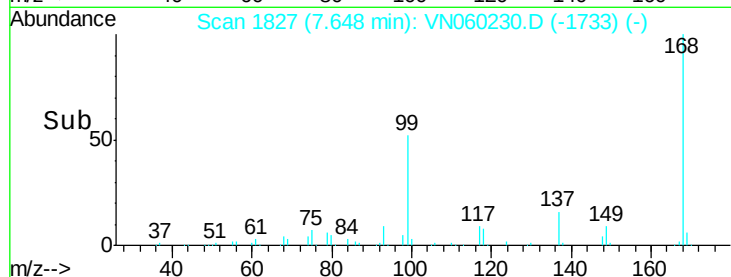
60000

40000

20000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 75.098 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN060230.D

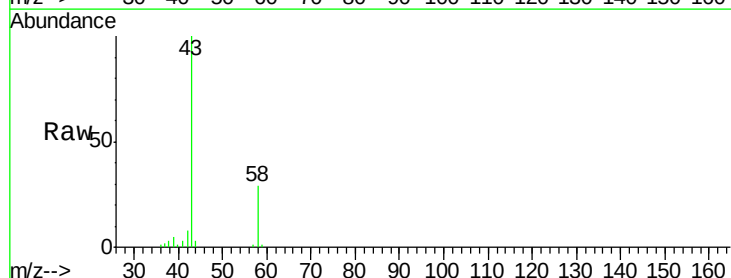
Acq: 25 Feb 2020 13:42

Tgt Ion: 43 Resp: 80822

Ion Ratio Lower Upper

43 100

58 29.4 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.79

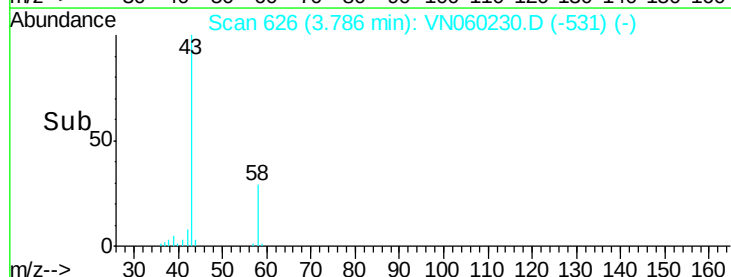
30000

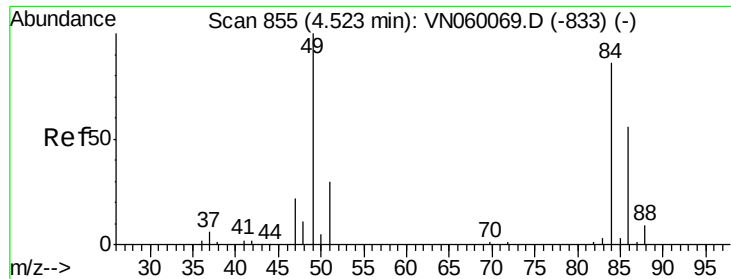
20000

10000

0

Time--> 3.70 3.80 3.90

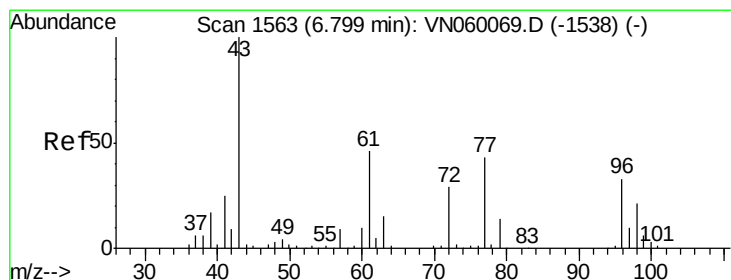
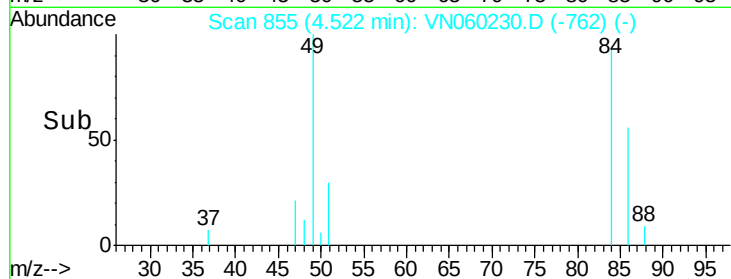
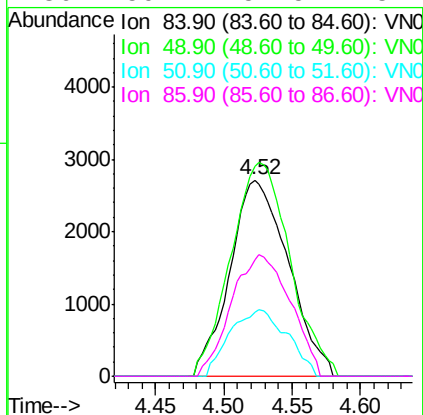
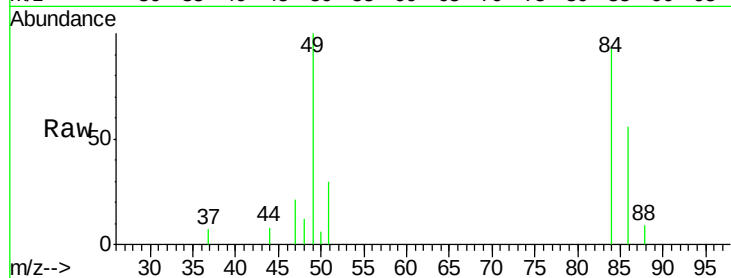




#20
Methvlene Chloride
Concen: 3.759 ug/l
RT: 4.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: VN060230.D
Acq: 25 Feb 2020 13:42

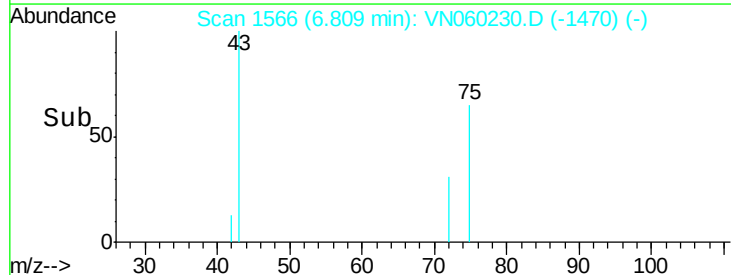
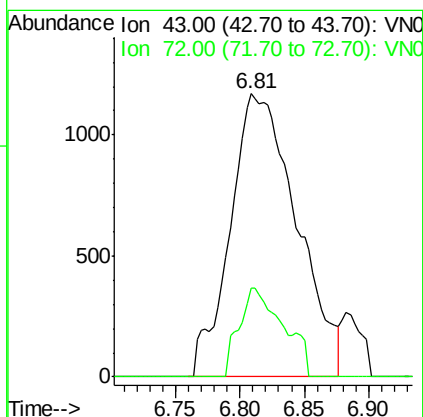
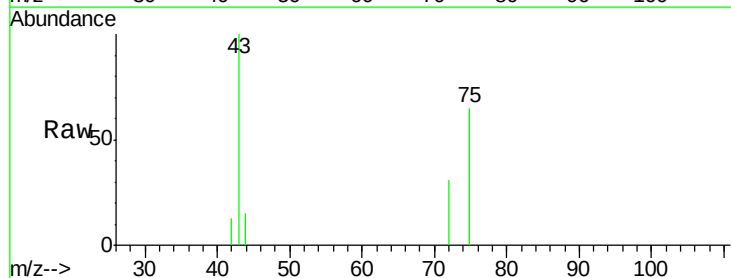
Instrument :
MSVOA_N
ClientSampleId :
SOLID-COMP

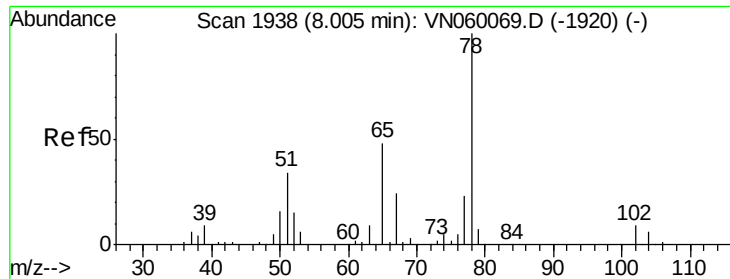
Tot Ion:	84	Resp:	8072
Ion	Ratio	Lower	Upper
84	100		
49	107.1	93.4	140.0
51	32.6	28.4	42.6
86	59.7	52.5	78.7



#25
2-Butanone
Concen: 3.101 ug/l
RT: 6.81 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VN060230.D
Acq: 25 Feb 2020 13:42

Tgt Ion:	43	Resp:	4197
Ion	Ratio	Lower	Upper
43	100		
72	31.2	23.3	34.9

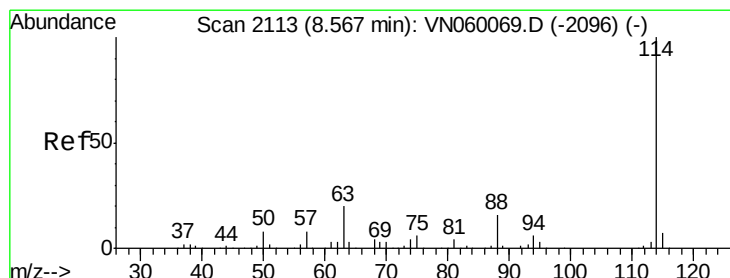
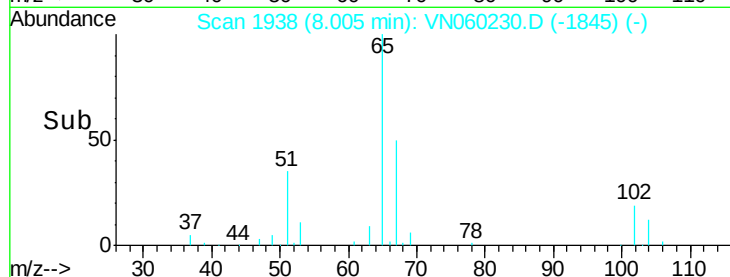
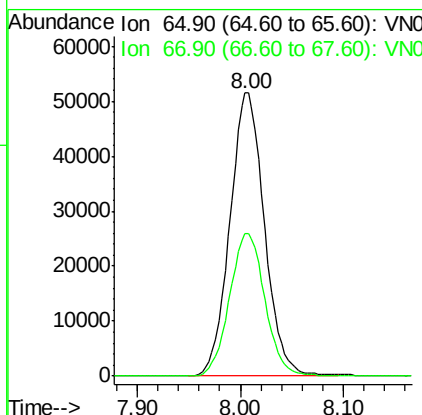
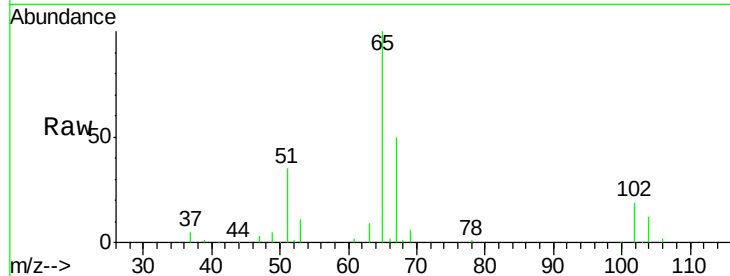




#33
 1,2-Dichloroethane-d4
 Concen: 48.692 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN060230.D
 Acq: 25 Feb 2020 13:42

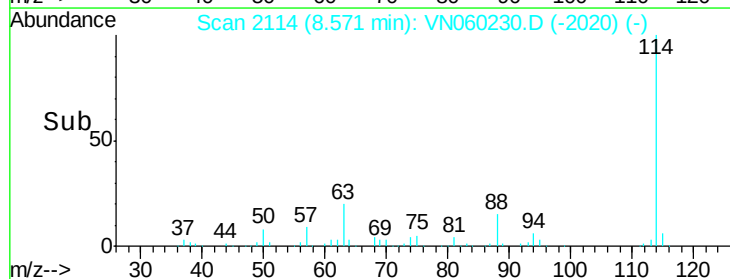
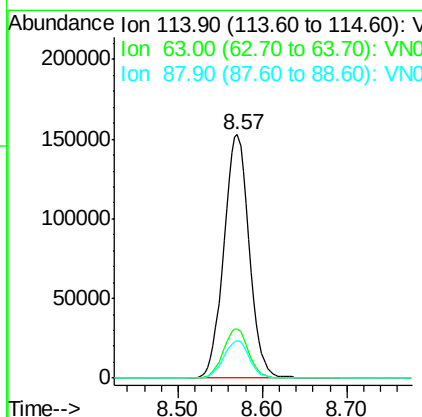
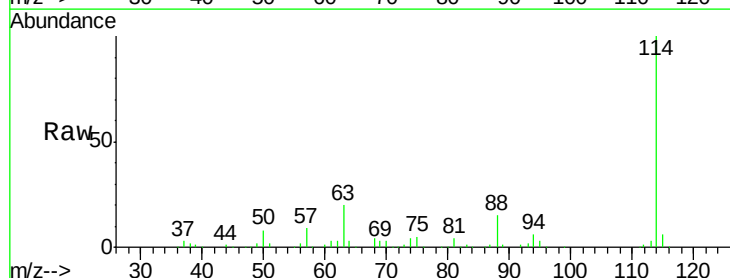
Instrument :
 MSVOA_N
 ClientSampleId :
 SOLID-COMP

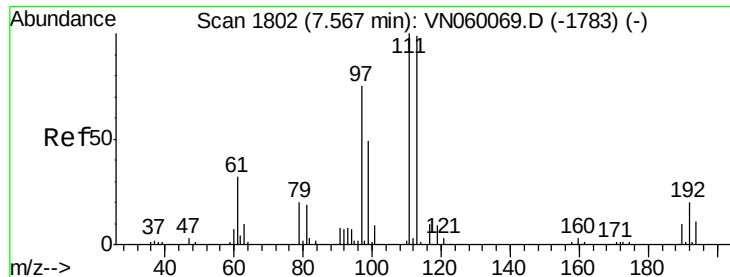
Tot Ion: 65 Resp: 120137
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN060230.D
 Acq: 25 Feb 2020 13:42

Tgt Ion: 114 Resp: 318422
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.0
 88 15.3 0.0 31.6





#35

Dibromofluoromethane

Concen: 48.981 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN060230.D

Acq: 25 Feb 2020 13:42

Instrument :

MSVOA_N

ClientSampleId :

SOLID-COMP

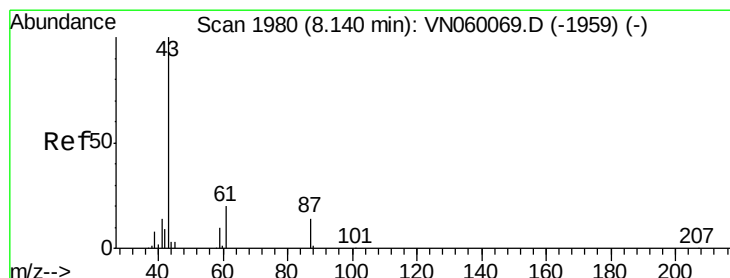
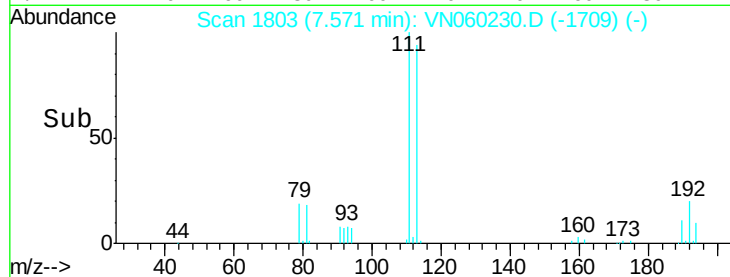
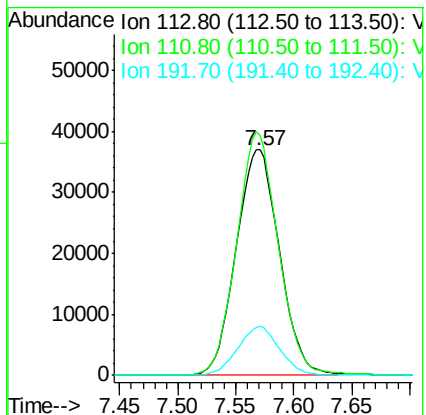
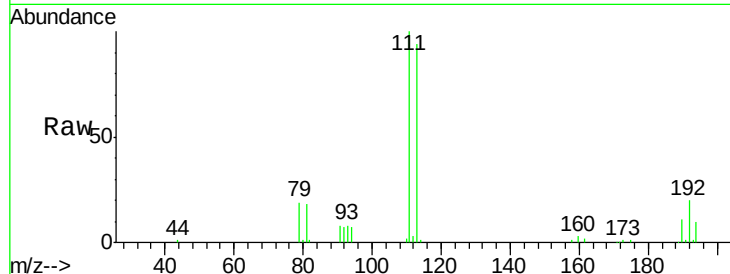
Tot Ion:113 Resp: 95873

Ion Ratio Lower Upper

113 100

111 103.9 81.4 122.2

192 20.9 16.2 24.2



#43

Isopropyl Acetate

Concen: 4.402 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. 0.01 min

Lab File: VN060230.D

Acq: 25 Feb 2020 13:42

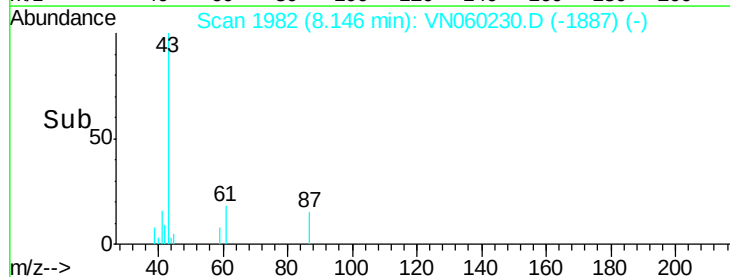
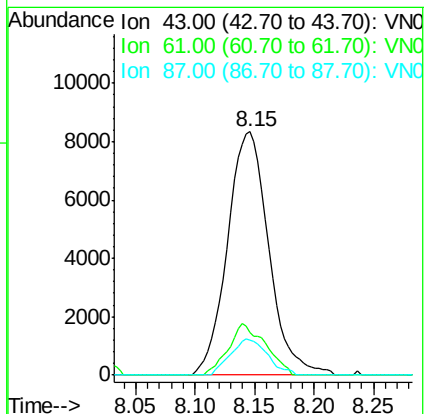
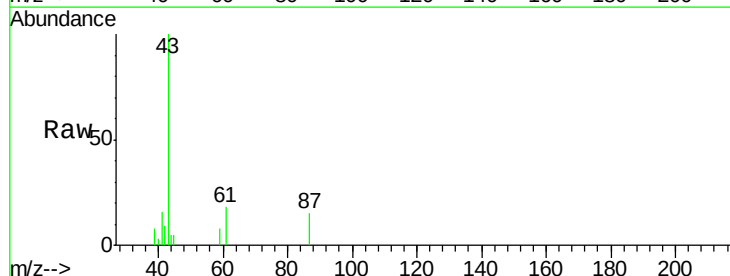
Tgt Ion: 43 Resp: 20056

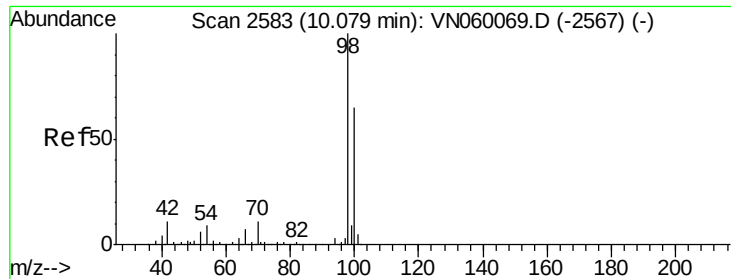
Ion Ratio Lower Upper

43 100

61 19.0 21.8 32.6#

87 13.2 11.4 17.2





#50

Toluene-d8

Concen: 49.781 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060230.D

Acq: 25 Feb 2020 13:42

Instrument :

MSVOA_N

ClientSampleId :

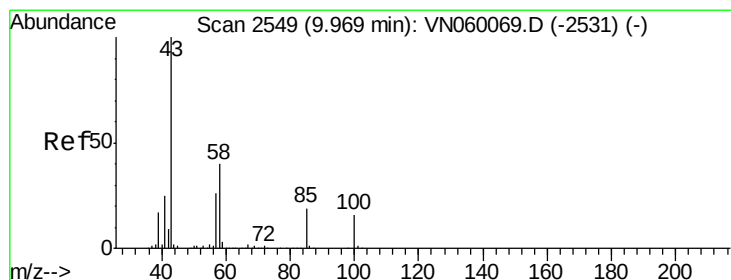
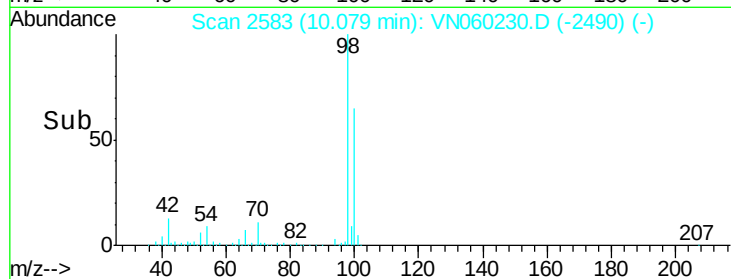
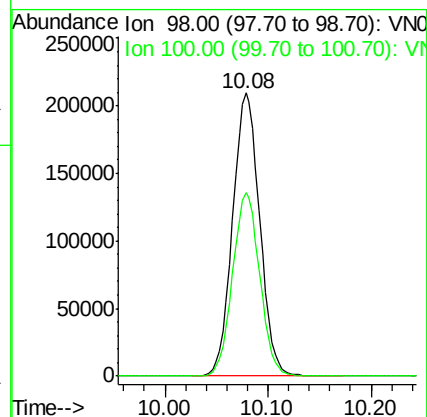
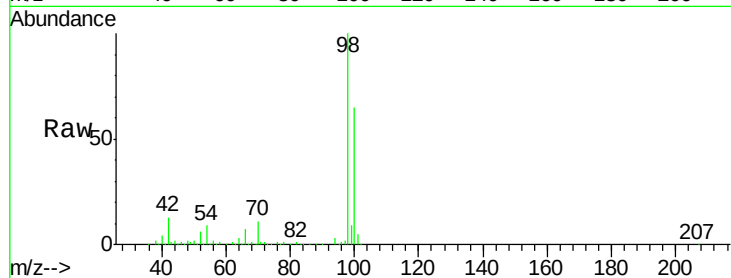
SOLID-COMP

Tot Ion: 98 Resp: 383705

Ion Ratio Lower Upper

98 100

100 64.9 51.7 77.5



#51

4-Methyl-2-Pentanone

Concen: 1.275 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. 0.00 min

Lab File: VN060230.D

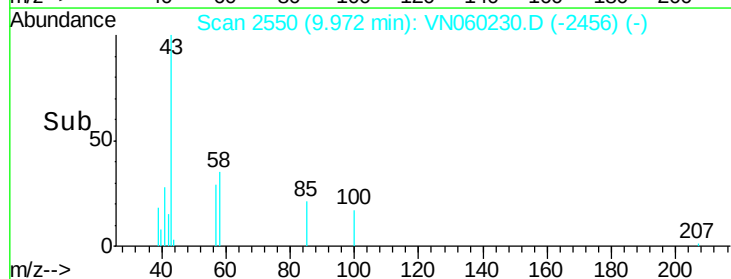
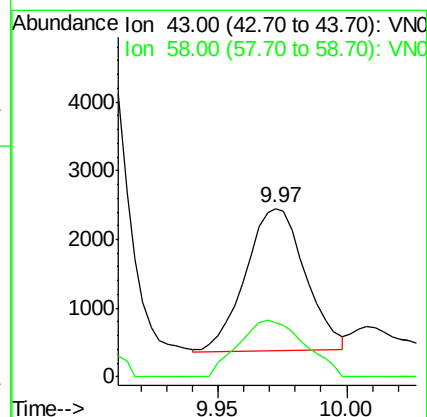
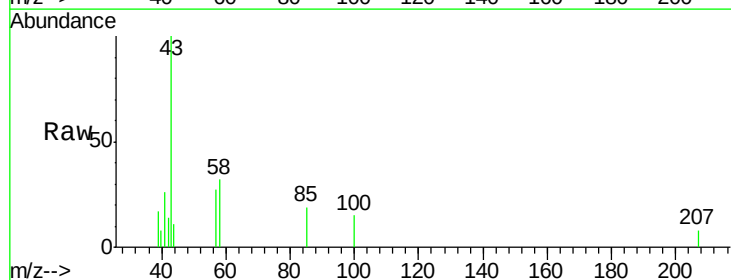
Acq: 25 Feb 2020 13:42

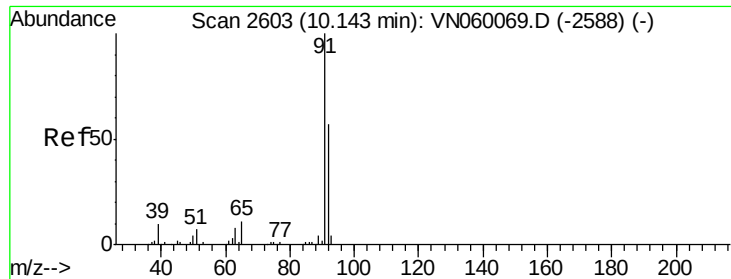
Tgt Ion: 43 Resp: 3362

Ion Ratio Lower Upper

43 100

58 44.1 31.8 47.8





#52

Toluene

Concen: 2.121 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VN060230.D

Acq: 25 Feb 2020 13:42

Instrument :

MSVOA_N

ClientSampleId :

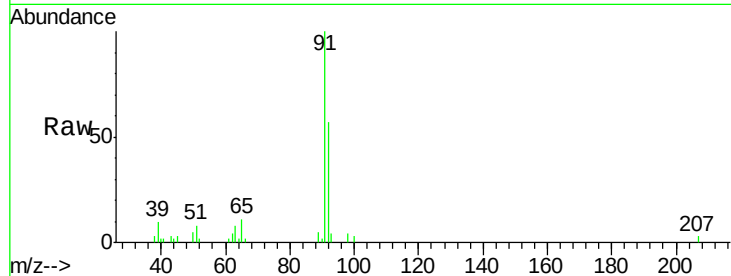
SOLID-COMP

Tot Ion: 92 Resp: 11898

Ion Ratio Lower Upper

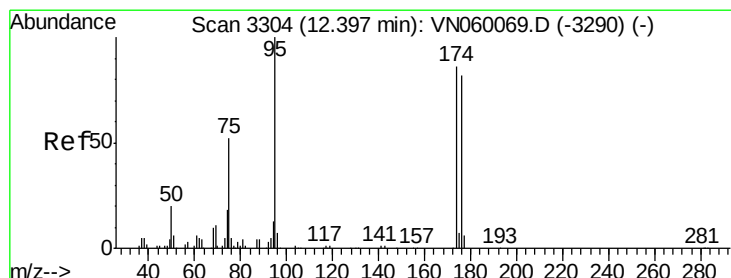
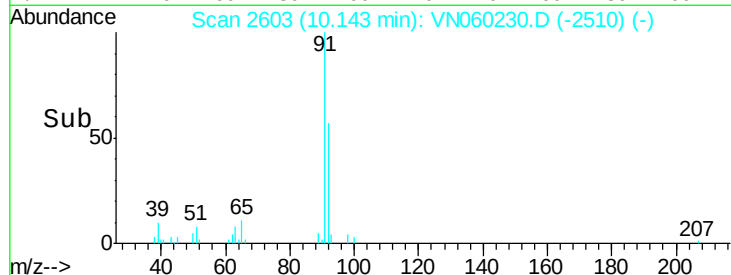
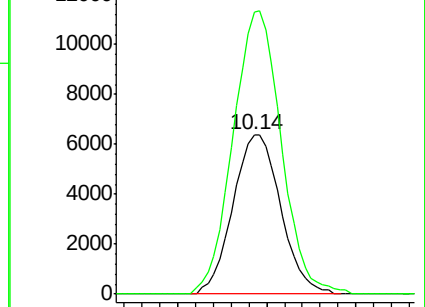
92 100

91 179.4 140.9 211.3



Abundance Ion 92.00 (91.70 to 92.70): VN060230.D (-2510) (-)

Ion 91.00 (90.70 to 91.70): VN060230.D (-2510) (-)



#62

4-Bromofluorobenzene

Concen: 50.083 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN060230.D

Acq: 25 Feb 2020 13:42

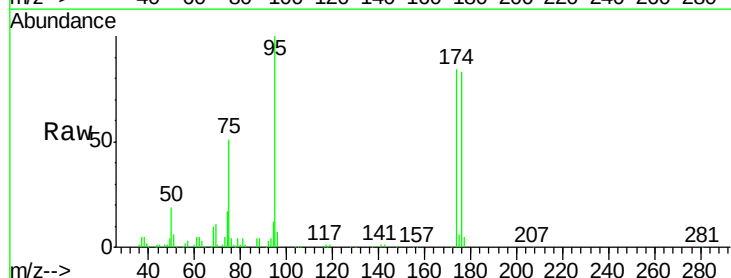
Tgt Ion: 95 Resp: 141851

Ion Ratio Lower Upper

95 100

174 84.1 0.0 169.8

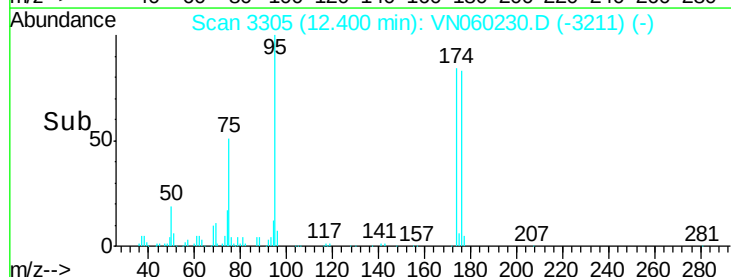
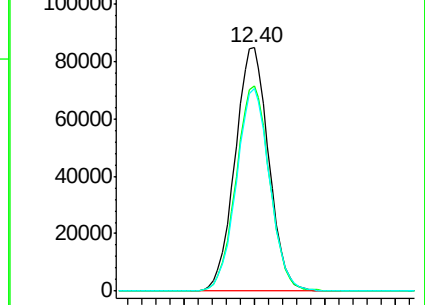
176 82.3 0.0 164.8

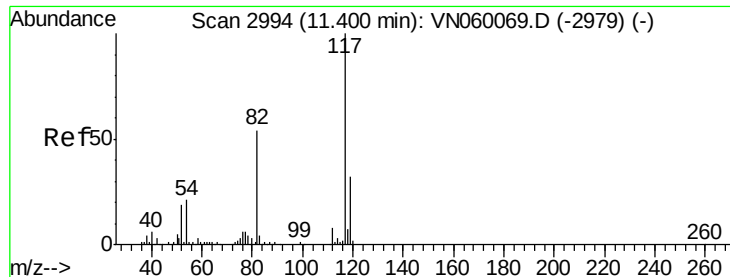


Abundance Ion 94.90 (94.60 to 95.60): VN060230.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060230.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060230.D (-3211) (-)

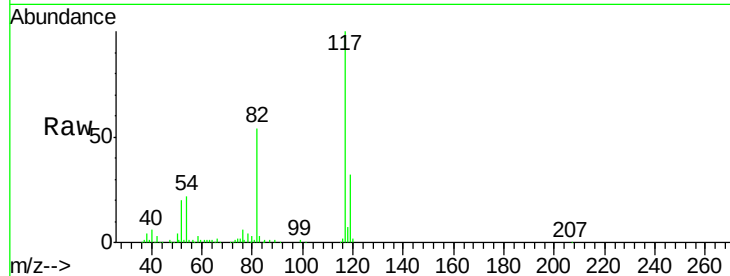




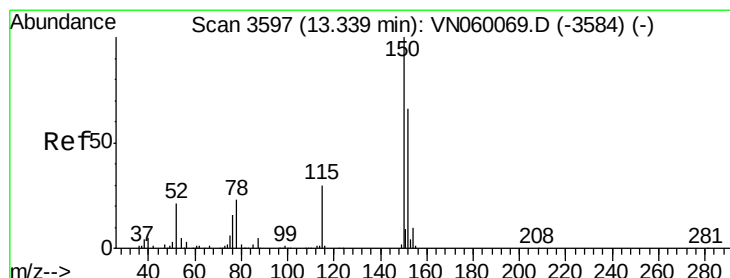
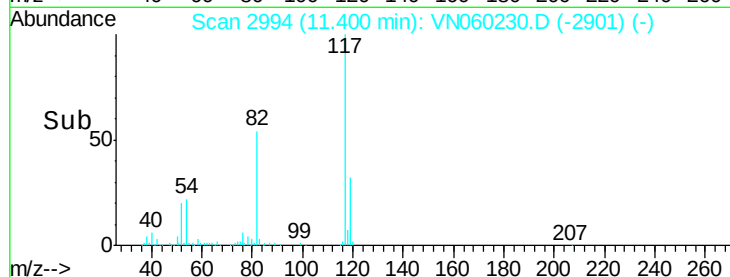
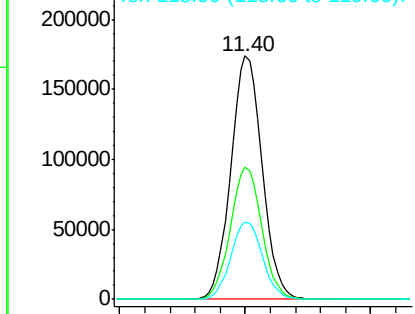
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060230.D
Acq: 25 Feb 2020 13:42

Instrument :
MSVOA_N
ClientSampleId :
SOLID-COMP

Tot Ion:117 Resp: 301268
Ion Ratio Lower Upper
117 100
82 54.2 43.4 65.0
119 31.9 25.8 38.6

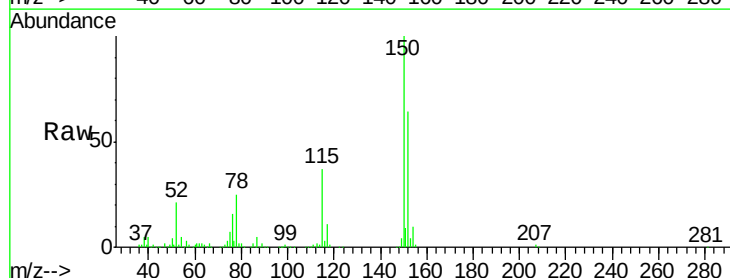


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN060230.D
Acq: 25 Feb 2020 13:42

Tgt Ion:152 Resp: 139804
Ion Ratio Lower Upper
152 100
115 57.8 28.9 86.8
150 158.1 0.0 342.4



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

