

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061820\
 Data File : VN061939.D
 Acq On : 19 Jun 2020 8:06
 Operator : JC/MD
 Sample : L2812-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OK-03-061720

Quant Time: Jun 19 12:00:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

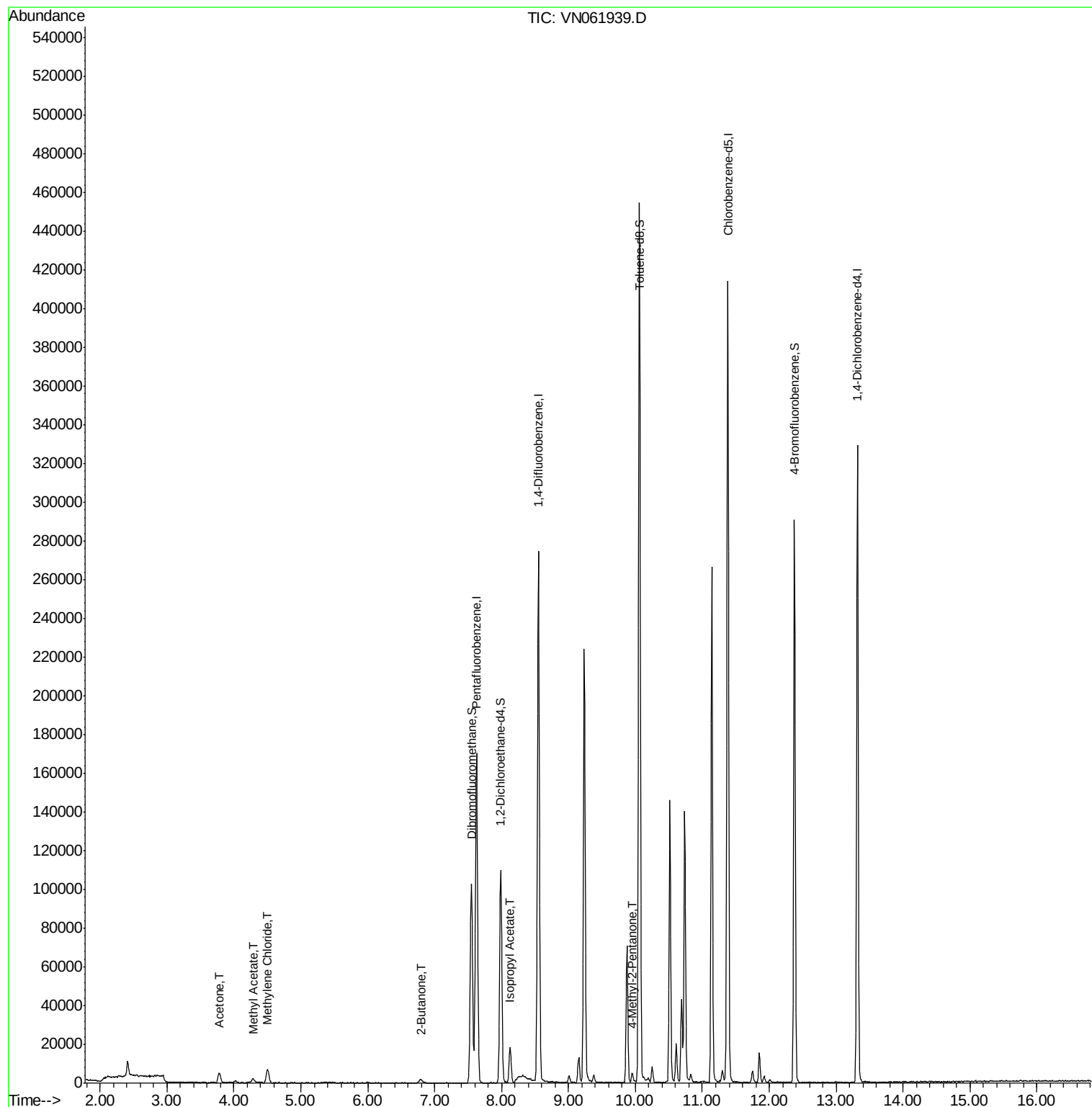
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	135236	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	253419	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	244765	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	91836	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	94641	52.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.36%	
35) Dibromofluoromethane	7.55	113	81096	50.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.04%	
50) Toluene-d8	10.06	98	323121	50.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.40%	
62) 4-Bromofluorobenzene	12.38	95	101583	46.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.92%	
Target Compounds						
16) Acetone	3.78	43	9393	17.533	ug/l	97
18) Methyl Acetate	4.28	43	4005	2.597	ug/l	91
20) Methylene Chloride	4.50	84	5816	3.332	ug/l	97
25) 2-Butanone	6.79	43	3154	4.035	ug/l	95
43) Isopropyl Acetate	8.13	43	20731	6.815	ug/l #	88
51) 4-Methyl-2-Pentanone	9.95	43	3221	1.792	ug/l	88

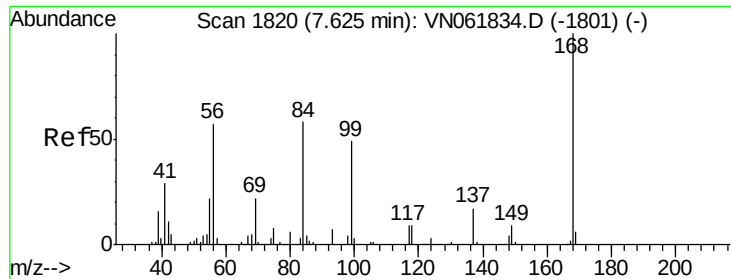
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061820\
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Quant Title : SW846 8260
QLast Update : Wed Jun 17 01:19:44 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN061939.D

Acq: 19 Jun 2020 8:06

Instrument :

MSVOA_N

ClientSampleId :

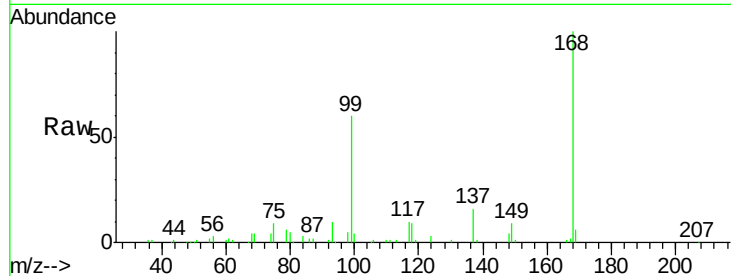
OK-03-061720

Tot Ion:168 Resp: 135236

Ion Ratio Lower Upper

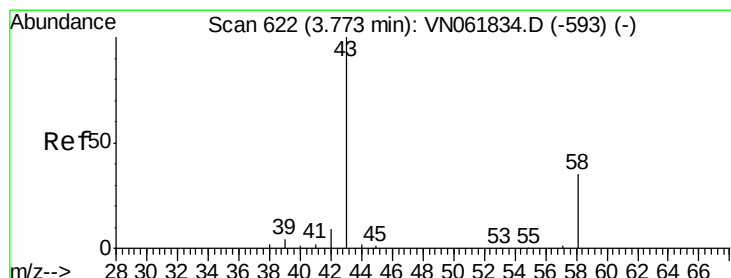
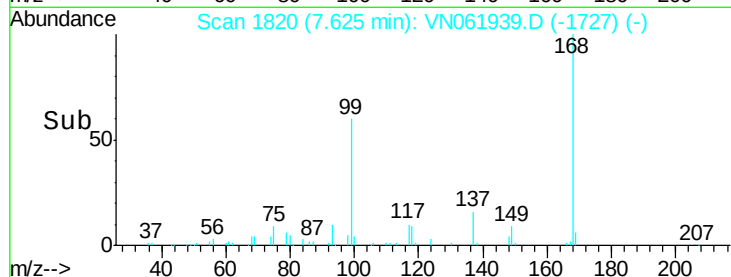
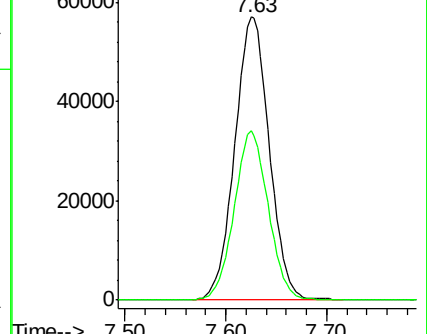
168 100

99 59.7 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 17.533 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.01 min

Lab File: VN061939.D

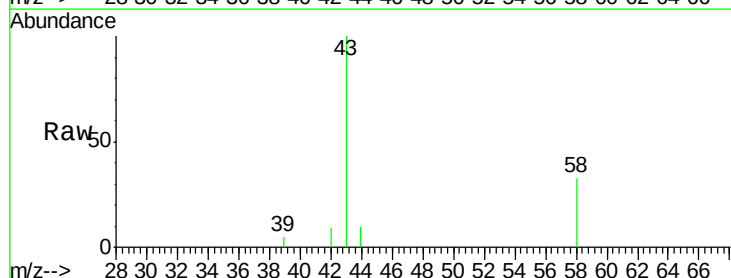
Acq: 19 Jun 2020 8:06

Tgt Ion: 43 Resp: 9393

Ion Ratio Lower Upper

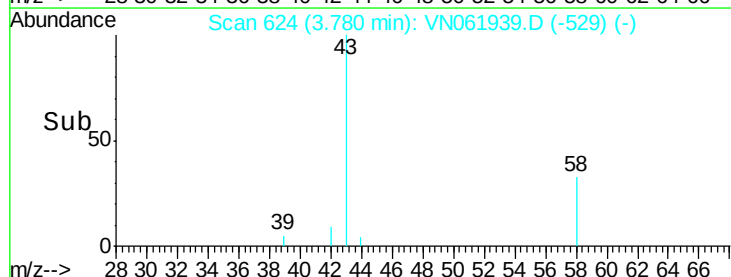
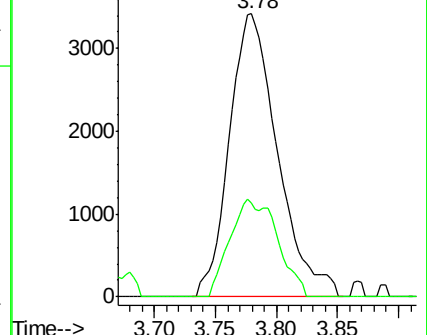
43 100

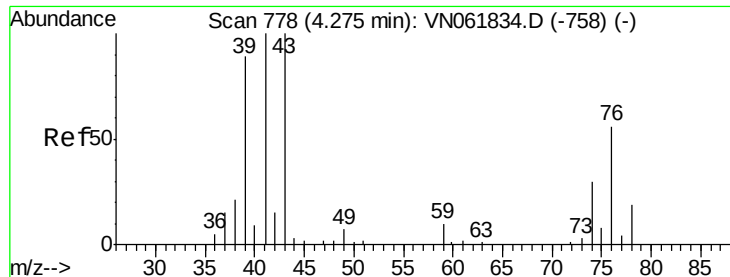
58 33.0 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

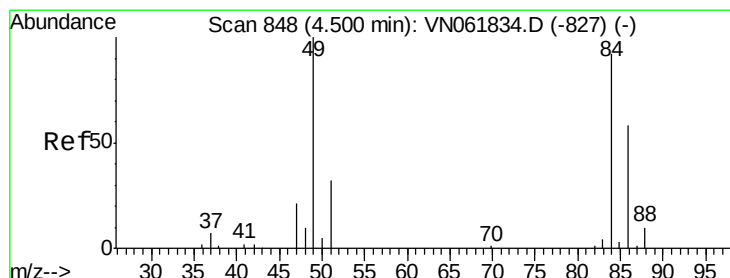
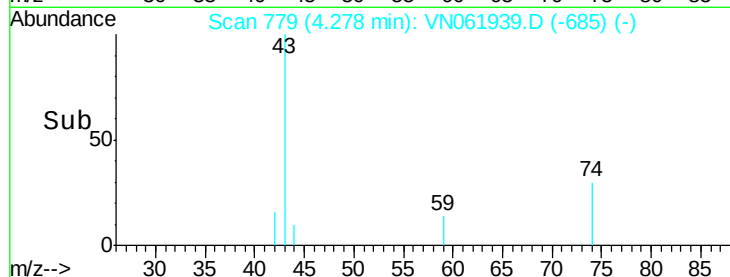
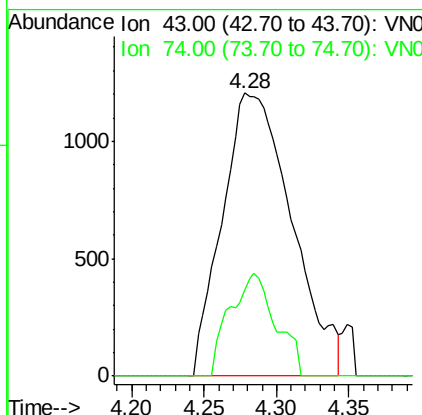
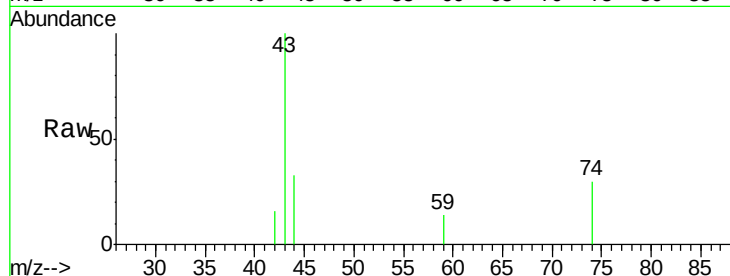




#18
Methyl Acetate
Concen: 2.597 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN061939.D
Acq: 19 Jun 2020 8:06

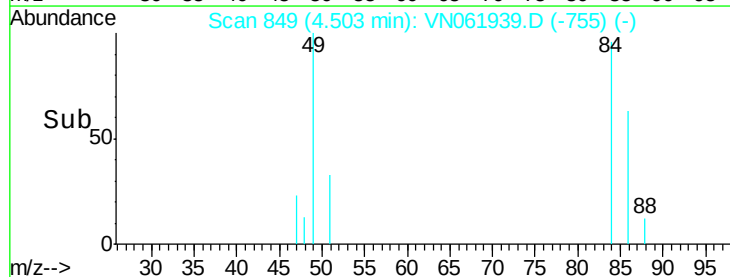
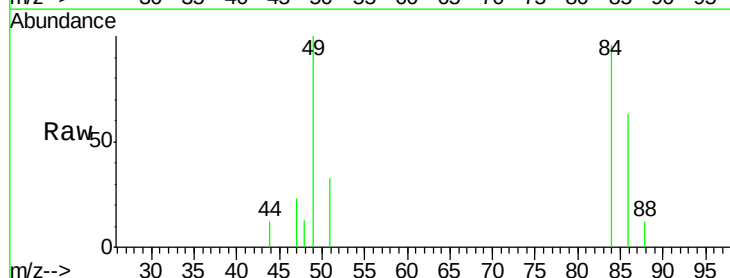
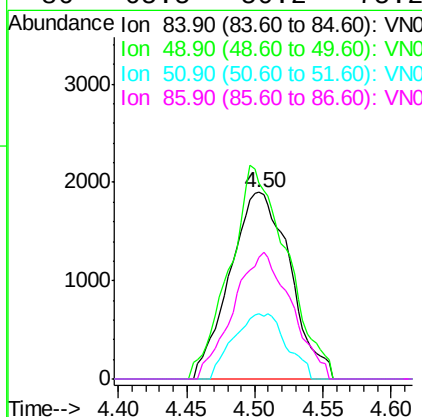
Instrument :
MSVOA_N
ClientSampled :
OK-03-061720

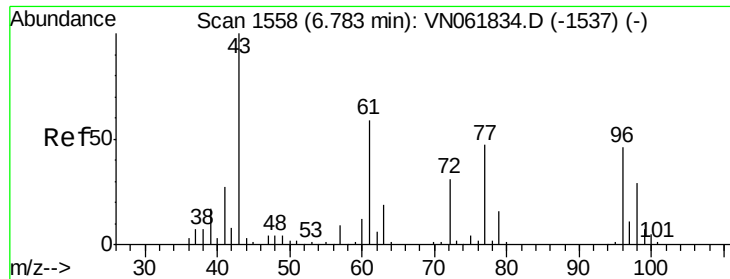
Tot Ion: 43 Resp: 4005
Ion Ratio Lower Upper
43 100
74 23.9 23.0 34.4



#20
Methylene Chloride
Concen: 3.332 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN061939.D
Acq: 19 Jun 2020 8:06

Tgt Ion: 84 Resp: 5816
Ion Ratio Lower Upper
84 100
49 104.7 87.0 130.4
51 34.7 27.8 41.6
86 65.5 50.2 75.2

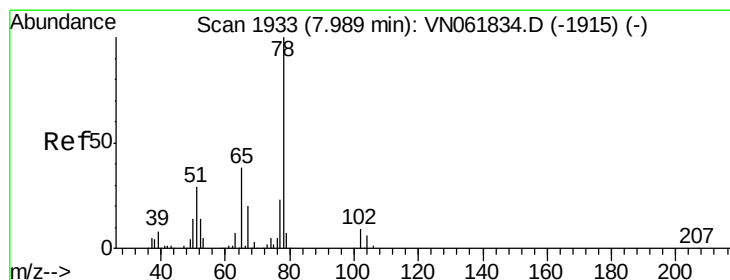
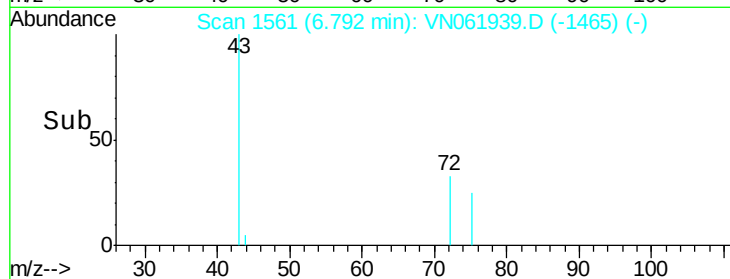
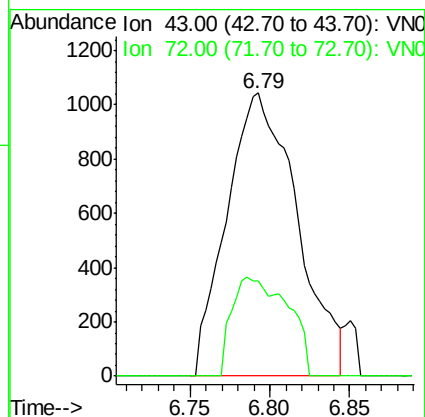
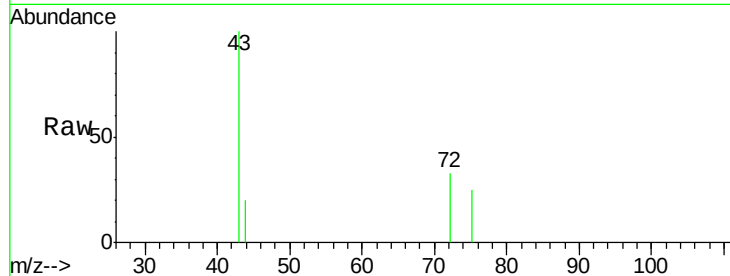




#25
 2-Butanone
 Concen: 4.035 ug/l
 RT: 6.79 min Scan# 1561
 Delta R.T. 0.01 min
 Lab File: VN061939.D
 Acq: 19 Jun 2020 8:06

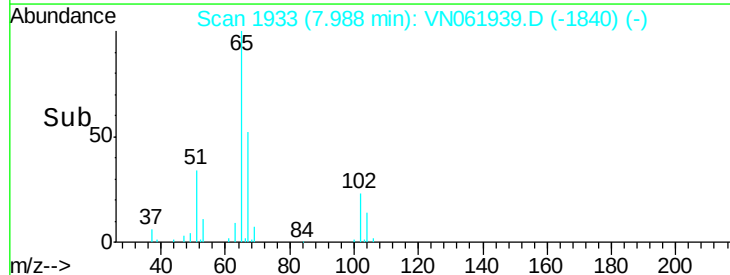
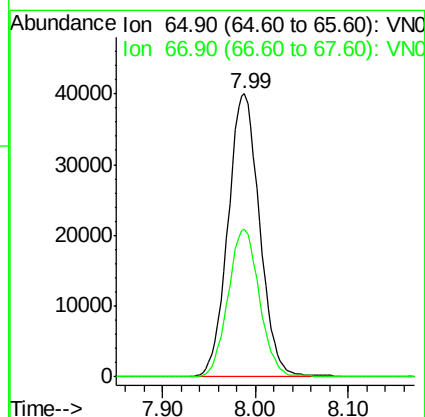
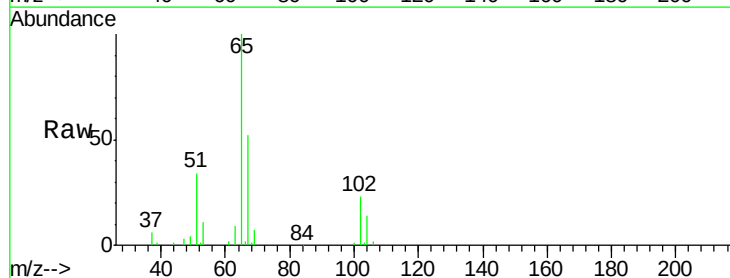
Instrument :
 MSVOA_N
 ClientSampleId :
 OK-03-061720

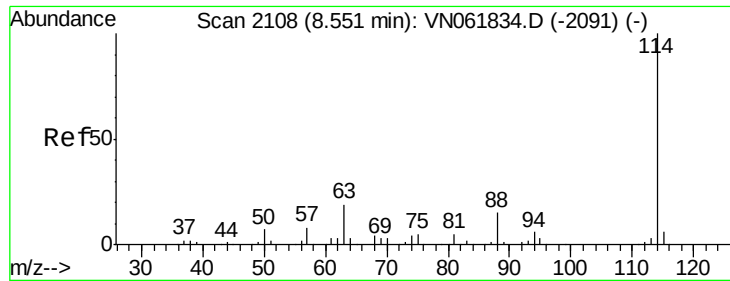
Tot Ion: 43 Resp: 3154
 Ion Ratio Lower Upper
 43 100
 72 33.5 24.6 37.0



#33
 1,2-Dichloroethane-d4
 Concen: 52.181 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN061939.D
 Acq: 19 Jun 2020 8:06

Tgt Ion: 65 Resp: 94641
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 106.2

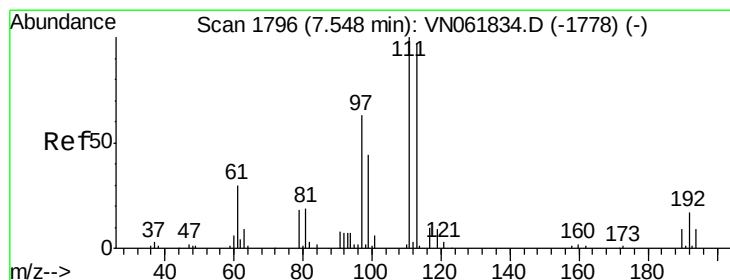
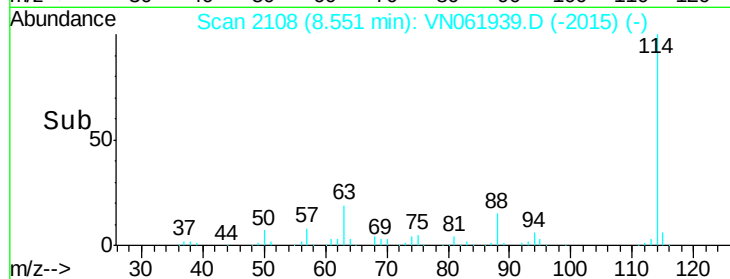
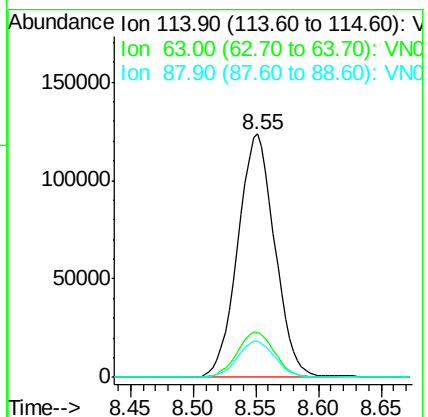
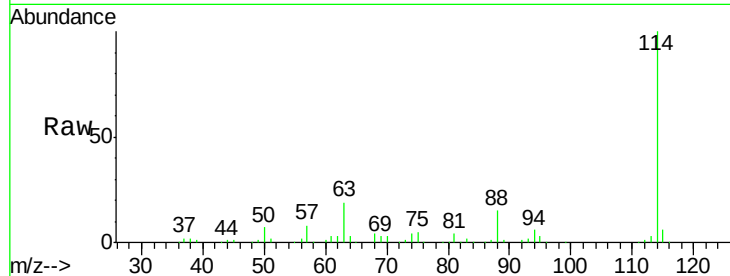




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. -0.00 min
Lab File: VN061939.D
Acq: 19 Jun 2020 8:06

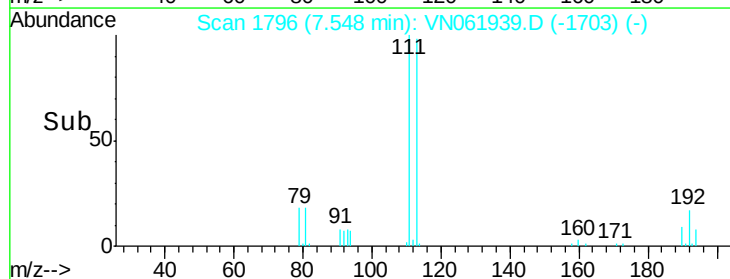
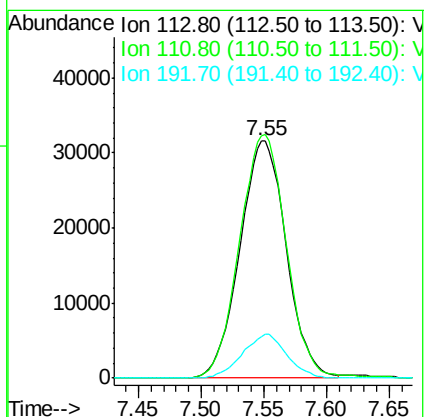
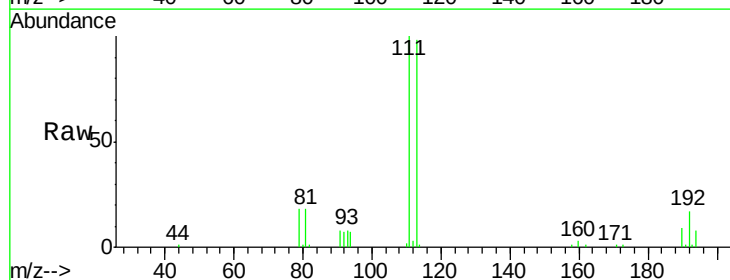
Instrument :
MSVOA_N
ClientSampleId :
OK-03-061720

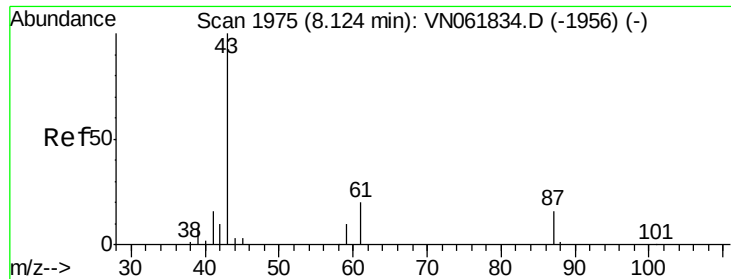
Tot Ion:114 Resp: 253419
Ion Ratio Lower Upper
114 100
63 18.5 0.0 37.6
88 14.7 0.0 31.0



#35
Dibromofluoromethane
Concen: 50.021 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN061939.D
Acq: 19 Jun 2020 8:06

Tgt Ion:113 Resp: 81096
Ion Ratio Lower Upper
113 100
111 104.0 83.7 125.5
192 17.6 13.9 20.9





#43

Isopropyl Acetate

Concen: 6.815 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN061939.D

Acq: 19 Jun 2020 8:06

Instrument :

MSVOA_N

ClientSampleId :

OK-03-061720

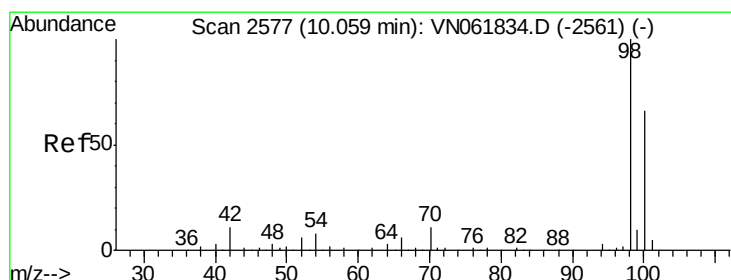
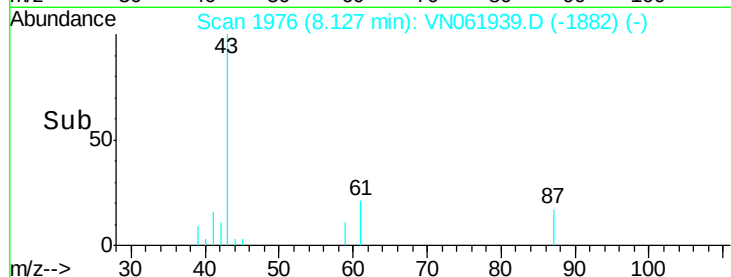
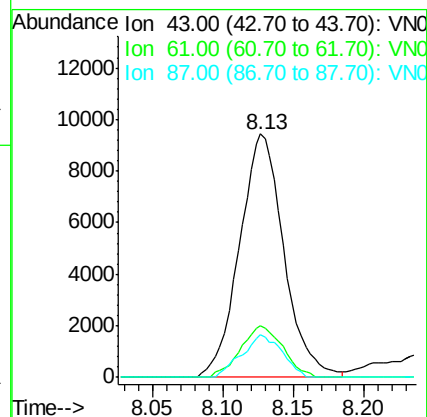
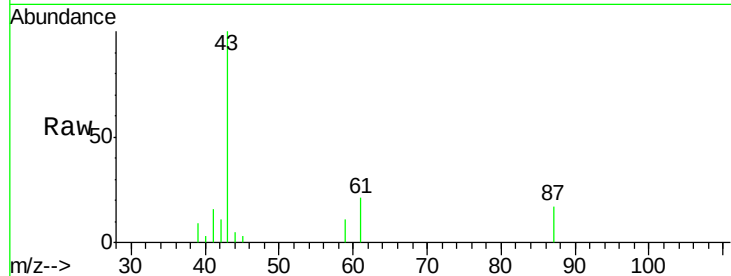
Tot Ion: 43 Resp: 20731

Ion Ratio Lower Upper

43 100

61 20.1 24.0 36.0#

87 15.9 12.5 18.7



#50

Toluene-d8

Concen: 50.695 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061939.D

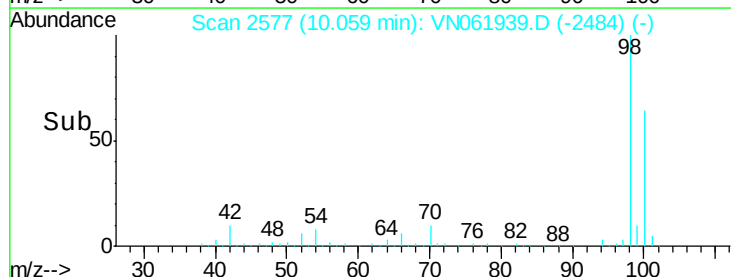
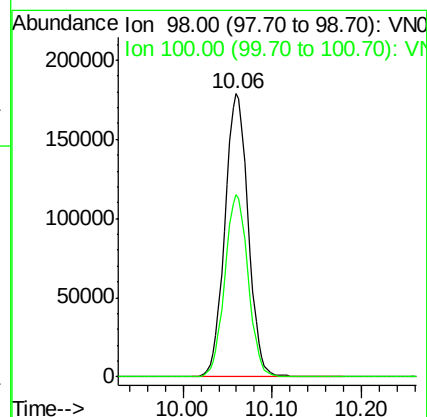
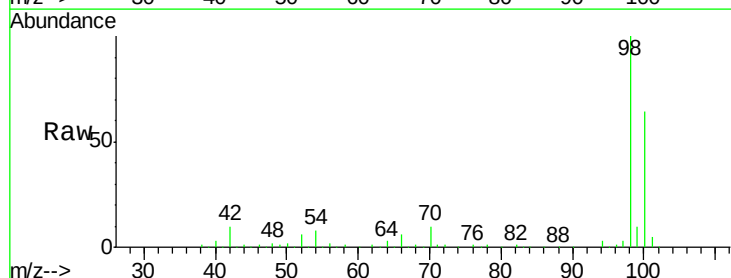
Acq: 19 Jun 2020 8:06

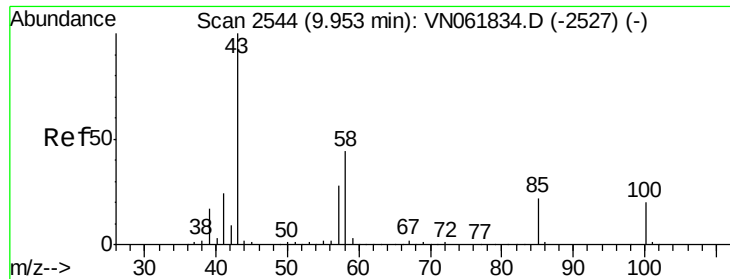
Tgt Ion: 98 Resp: 323121

Ion Ratio Lower Upper

98 100

100 64.4 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 1.792 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN061939.D

Acq: 19 Jun 2020 8:06

Instrument :

MSVOA_N

ClientSampleId :

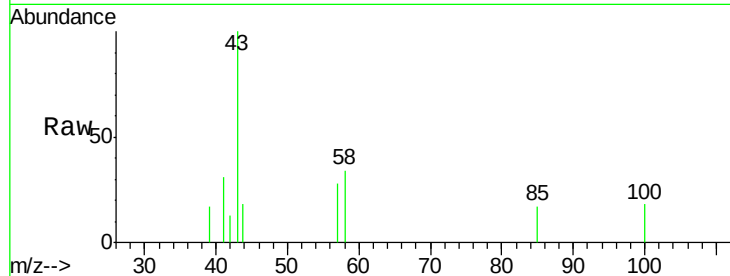
OK-03-061720

Tot Ion: 43 Resp: 3221

Ion Ratio Lower Upper

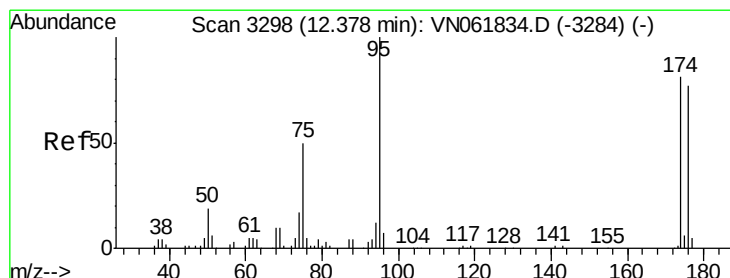
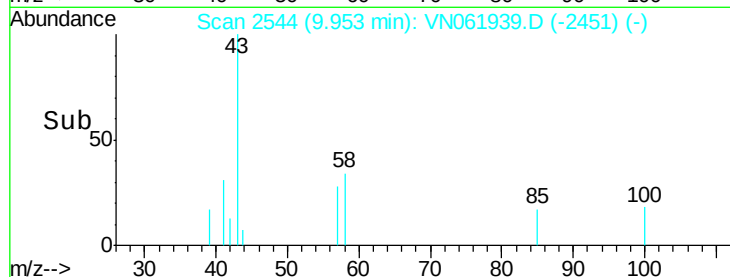
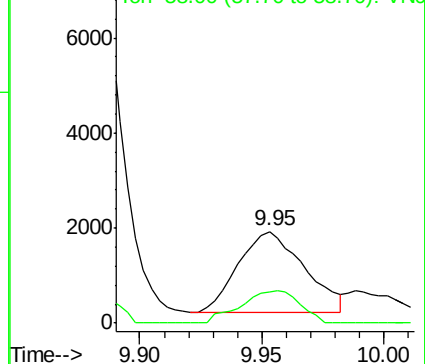
43 100

58 35.6 34.6 52.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#62

4-Bromofluorobenzene

Concen: 46.463 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN061939.D

Acq: 19 Jun 2020 8:06

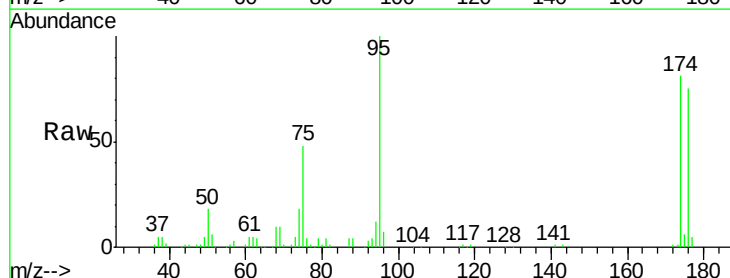
Tgt Ion: 95 Resp: 101583

Ion Ratio Lower Upper

95 100

174 80.1 0.0 158.6

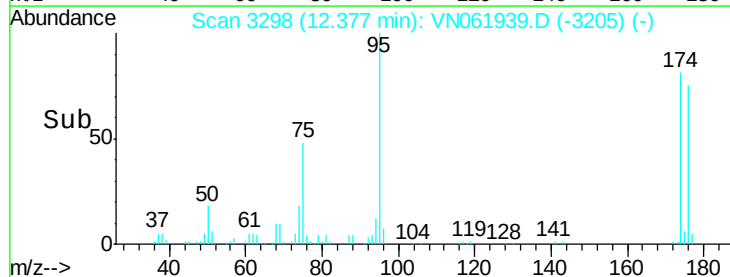
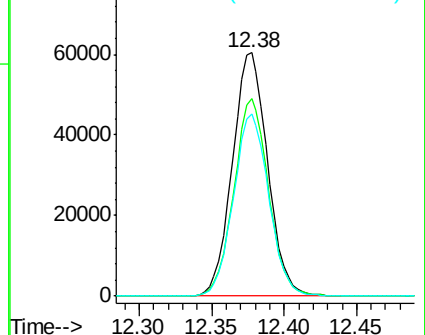
176 75.2 0.0 152.0

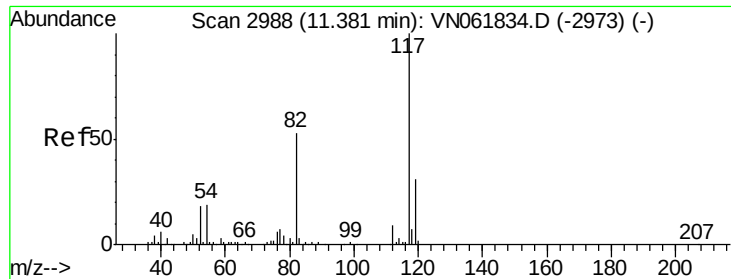


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

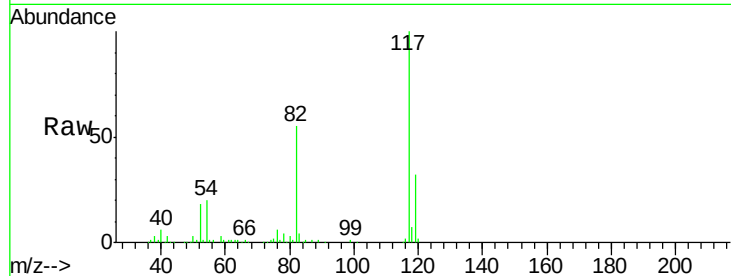




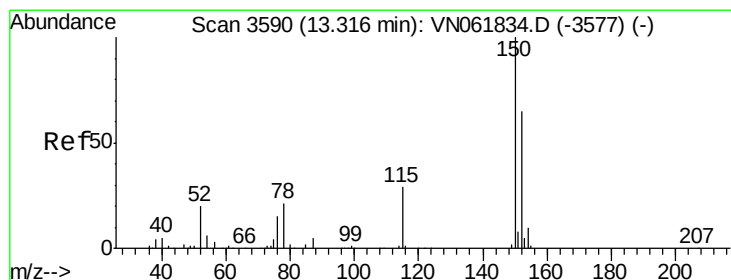
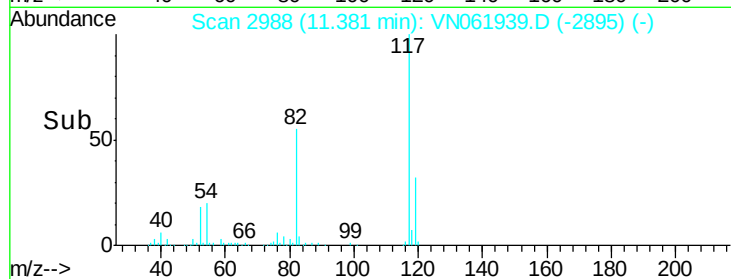
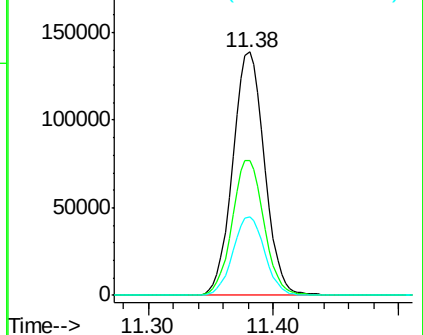
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061939.D
Acq: 19 Jun 2020 8:06

Instrument :
MSVOA_N
ClientSampleId :
OK-03-061720

Tot Ion:117 Resp: 244765
Ion Ratio Lower Upper
117 100
82 55.5 42.6 64.0
119 32.5 24.7 37.1

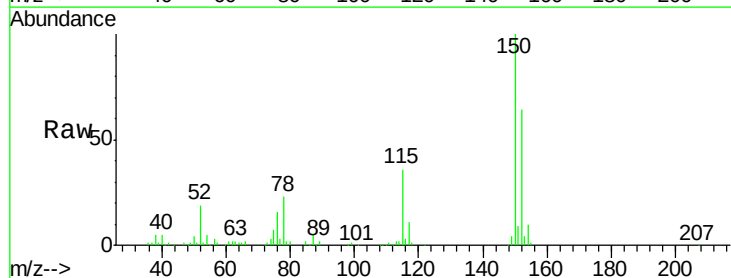


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN061939.D
Acq: 19 Jun 2020 8:06

Tgt Ion:152 Resp: 91836
Ion Ratio Lower Upper
152 100
115 57.7 29.1 87.3
150 158.0 0.0 347.6



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

