

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032420\
 Data File : VN060667.D
 Acq On : 24 Mar 2020 13:20
 Operator : JC/MD
 Sample : L2023-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 KY038PS027-200323

Quant Time: Mar 25 09:22:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

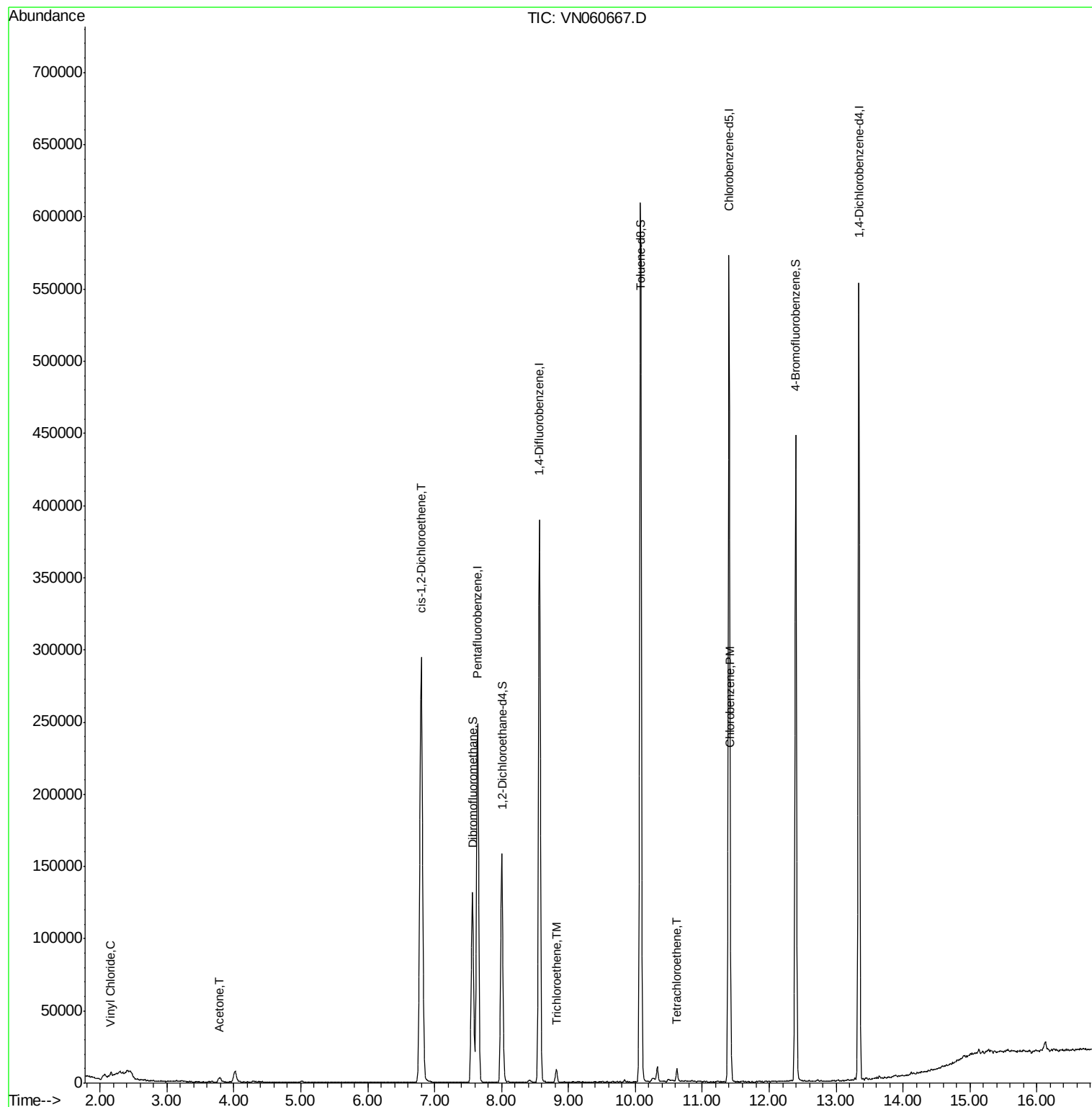
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	206950	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	344877	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	320142	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	144109	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	134612	47.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.76%	
35) Dibromofluoromethane	7.56	113	100442	48.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.34%	
50) Toluene-d8	10.08	98	424536	49.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.68%	
62) 4-Bromofluorobenzene	12.40	95	157663	50.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.02%	
Target Compounds						
4) Vinyl Chloride	2.16	62	1752	0.599	ug/l	100
16) Acetone	3.79	43	6461	6.420	ug/l	98
27) cis-1,2-Dichloroethene	6.80	96	198505	73.149	ug/l	91
44) Trichloroethene	8.82	130	3488	1.373	ug/l	88
64) Tetrachloroethene	10.62	164	1984	0.788	ug/l	94
65) Chlorobenzene	11.43	112	9961	1.570	ug/l	97

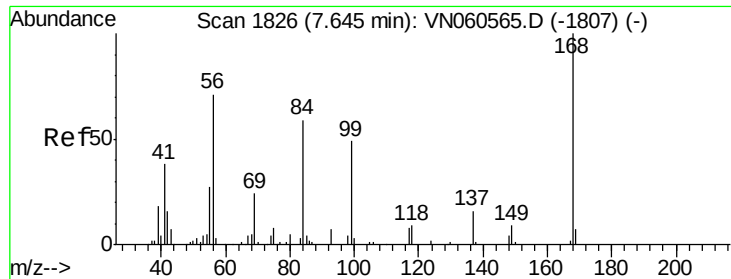
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN032420\
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Quant Time: Mar 25 09:22:15 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 18 08:49:09 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060667.D

Acq: 24 Mar 2020 13:20

Instrument :

MSVOA_N

ClientSampleId :

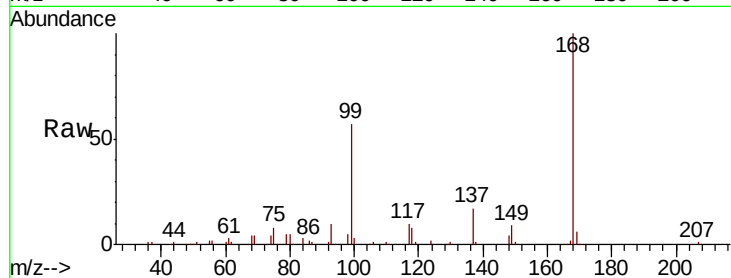
KY038PS027-200323

Tot Ion:168 Resp: 206950

Ion Ratio Lower Upper

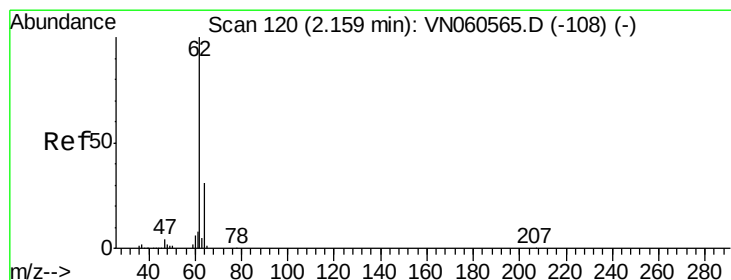
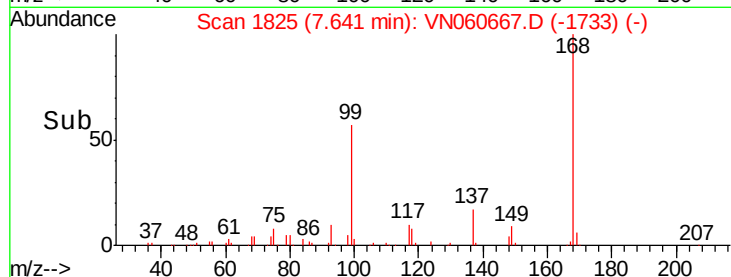
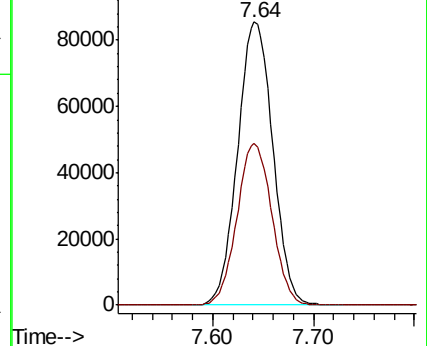
168 100

99 57.1 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): VN060565.D (-1807) (-)

Ion 98.90 (98.60 to 99.60): VN060565.D (-1807) (-)



#4

Vinyl Chloride

Concen: 0.599 ug/l

RT: 2.16 min Scan# 121

Delta R.T. 0.00 min

Lab File: VN060667.D

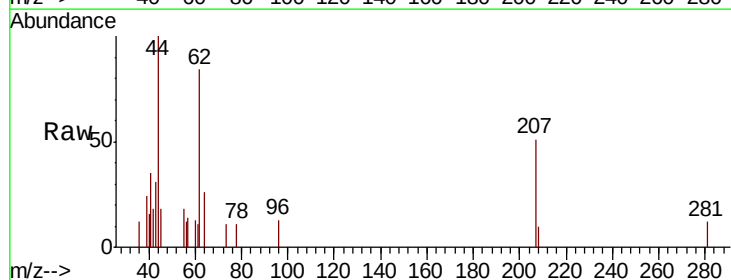
Acq: 24 Mar 2020 13:20

Tgt Ion: 62 Resp: 1752

Ion Ratio Lower Upper

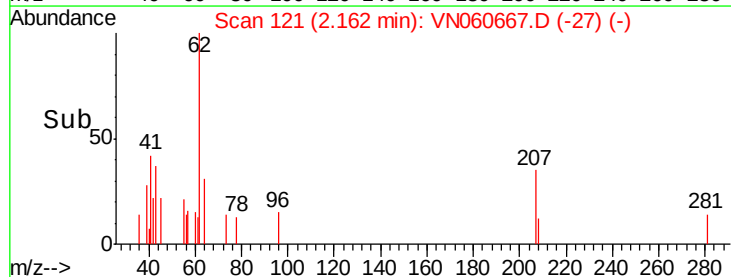
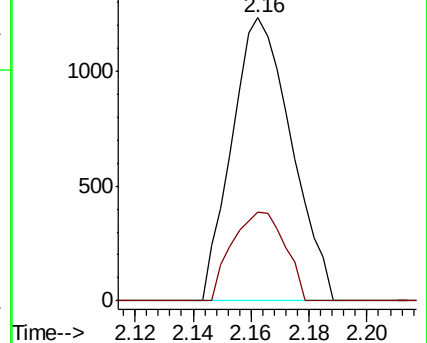
62 100

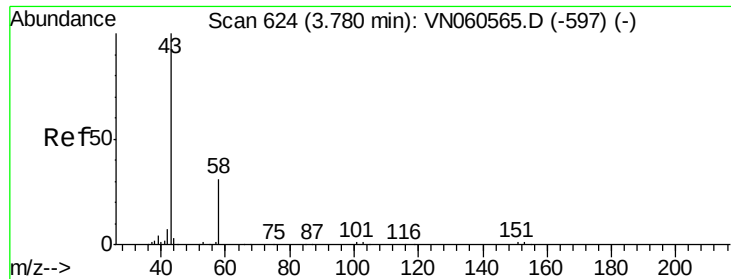
64 31.2 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VN060565.D (-108) (-)

Ion 63.90 (63.60 to 64.60): VN060565.D (-108) (-)





#16

Acetone

Concen: 6.420 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN060667.D

Acq: 24 Mar 2020 13:20

Instrument :

MSVOA_N

ClientSampleId :

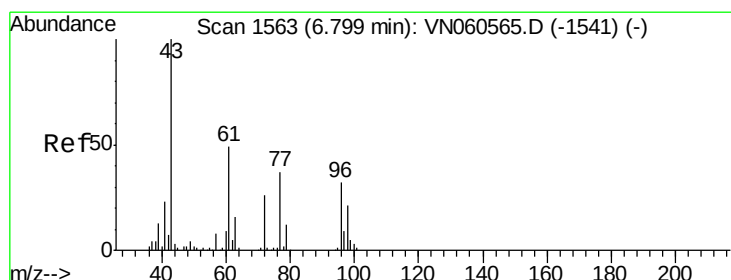
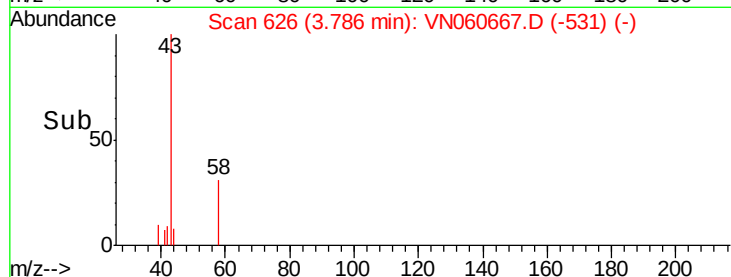
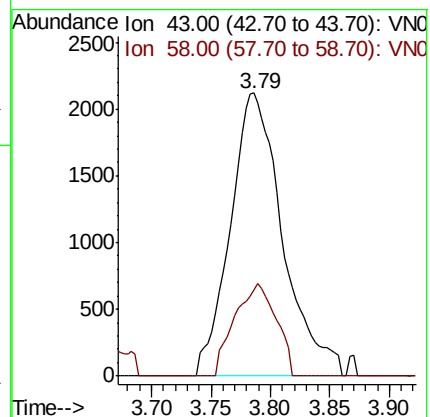
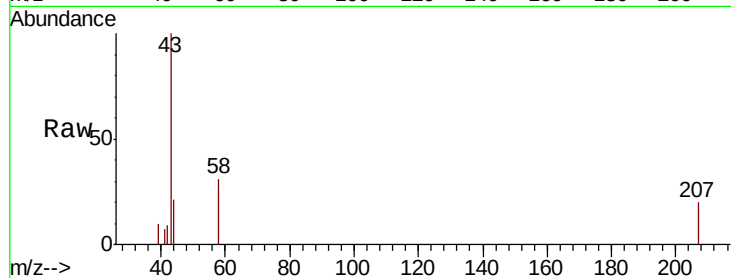
KY038PS027-200323

Tot Ion: 43 Resp: 6461

Ion Ratio Lower Upper

43 100

58 30.6 25.1 37.7



#27

cis-1,2-Dichloroethene

Concen: 73.149 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VN060667.D

Acq: 24 Mar 2020 13:20

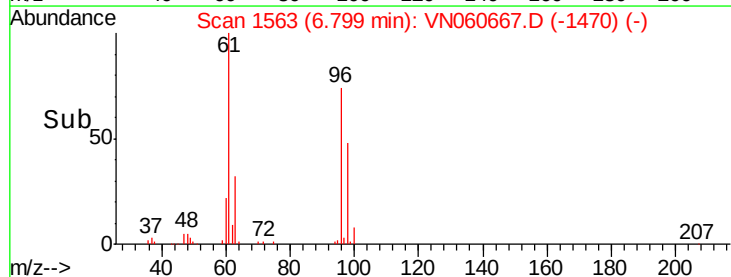
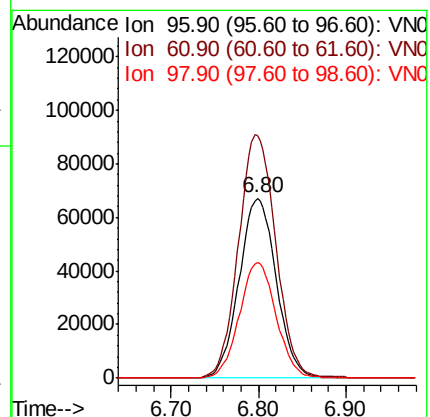
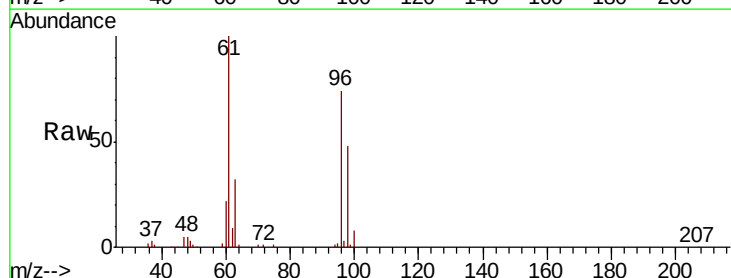
Tgt Ion: 96 Resp: 198505

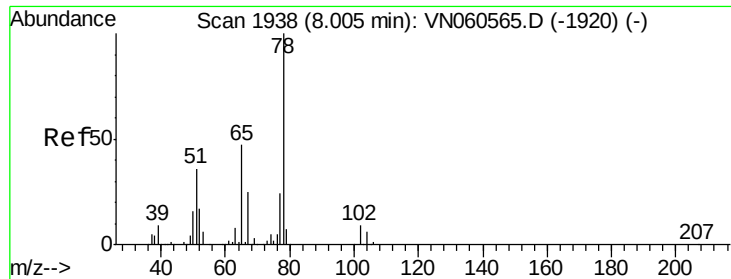
Ion Ratio Lower Upper

96 100

61 135.9 0.0 305.6

98 63.8 0.0 127.6

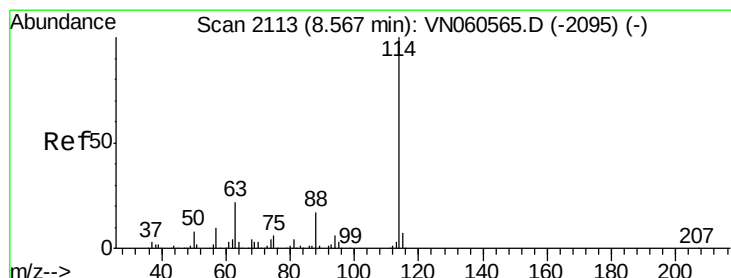
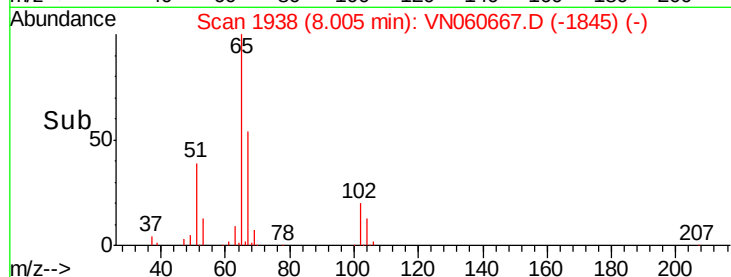
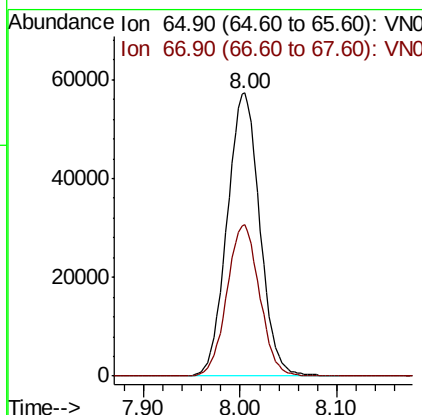
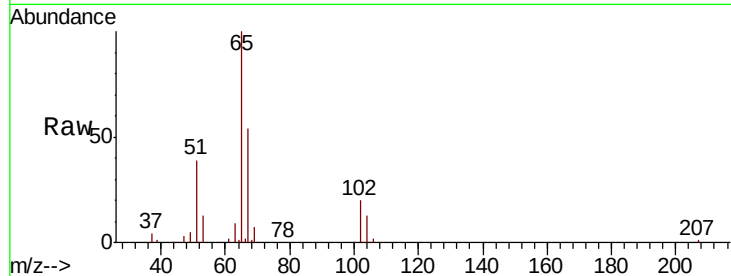




#33
 1,2-Dichloroethane-d4
 Concen: 47.383 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN060667.D
 Acq: 24 Mar 2020 13:20

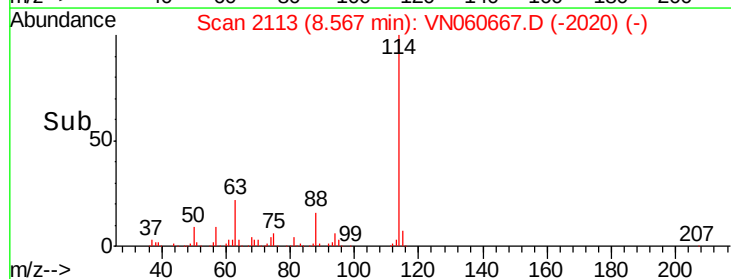
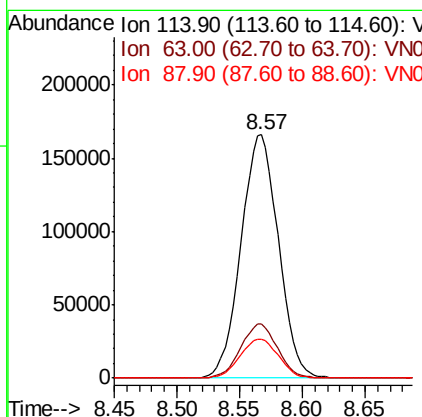
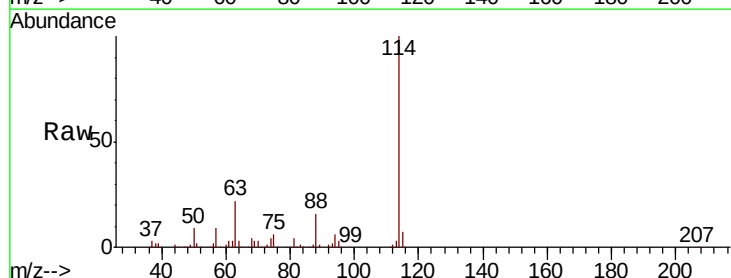
Instrument :
 MSVOA_N
 ClientSampleId :
 KY038PS027-200323

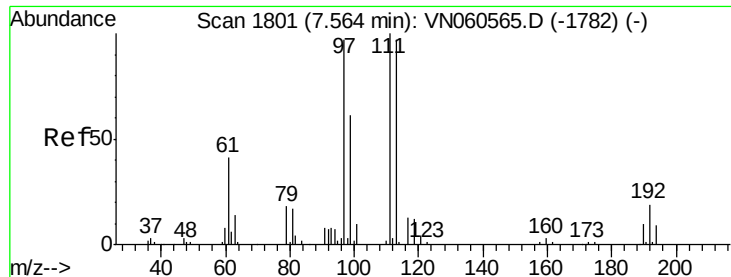
Tot Ion: 65 Resp: 134612
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060667.D
 Acq: 24 Mar 2020 13:20

Tgt Ion: 114 Resp: 344877
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 43.8
 88 16.2 0.0 33.0

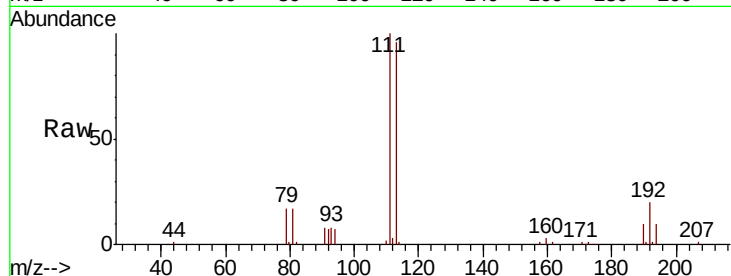




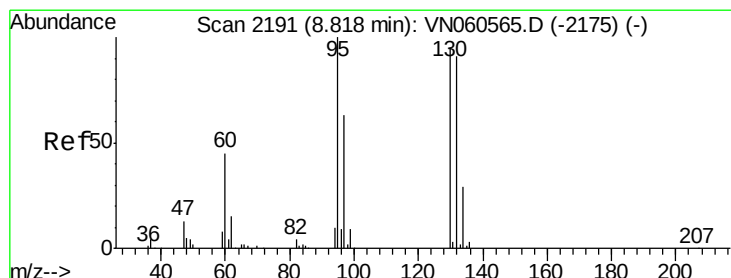
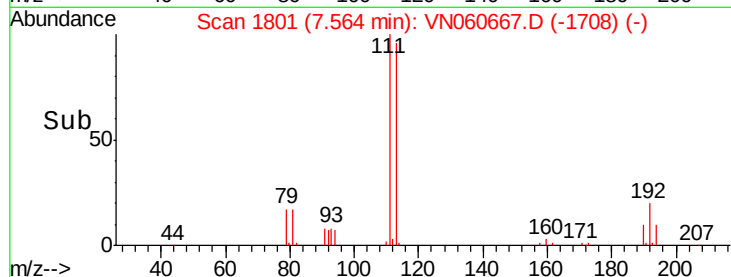
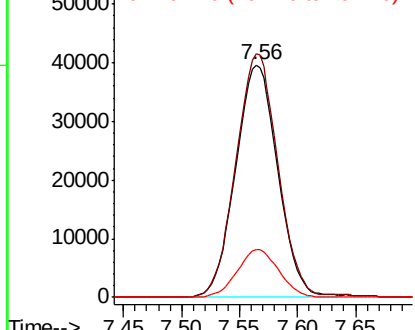
#35
Dibromofluoromethane
Concen: 48.165 ug/l
RT: 7.56 min Scan# 1801
Delta R.T. -0.00 min
Lab File: VN060667.D
Acq: 24 Mar 2020 13:20

Instrument :
MSVOA_N
ClientSampleId :
KY038PS027-200323

Tot Ion:113 Resp: 100442
Ion Ratio Lower Upper
113 100
111 103.9 82.9 124.3
192 20.2 15.8 23.8

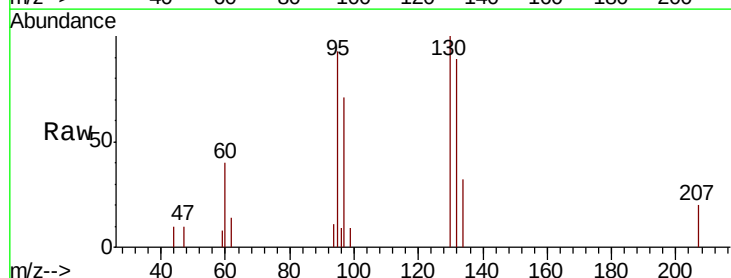


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

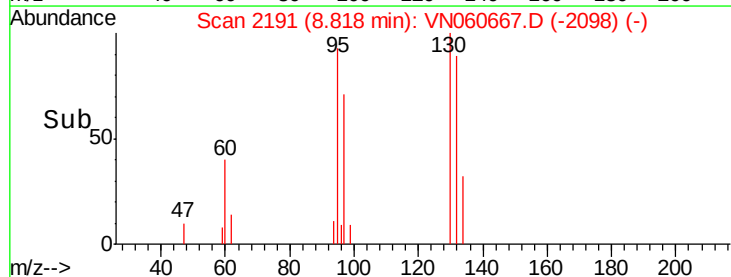
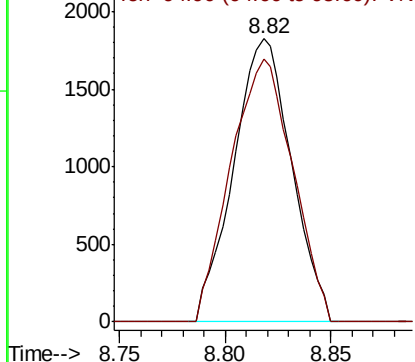


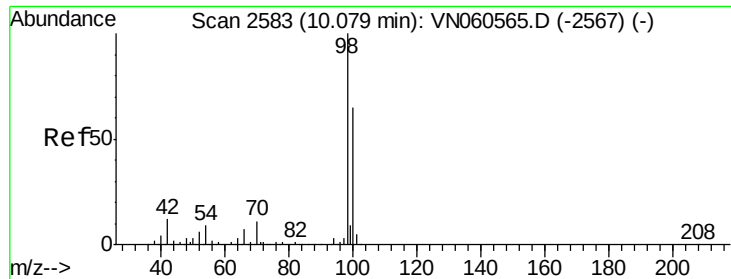
#44
Trichloroethene
Concen: 1.373 ug/l
RT: 8.82 min Scan# 2191
Delta R.T. -0.00 min
Lab File: VN060667.D
Acq: 24 Mar 2020 13:20

Tgt Ion:130 Resp: 3488
Ion Ratio Lower Upper
130 100
95 93.0 0.0 211.2



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





#50

Toluene-d8

Concen: 49.841 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060667.D

Acq: 24 Mar 2020 13:20

Instrument :

MSVOA_N

ClientSampleId :

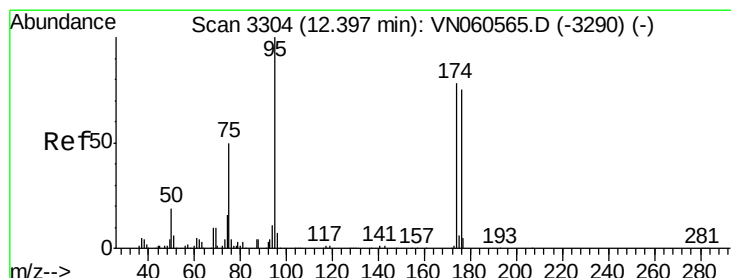
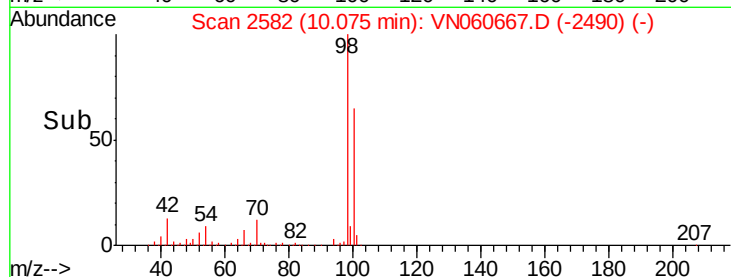
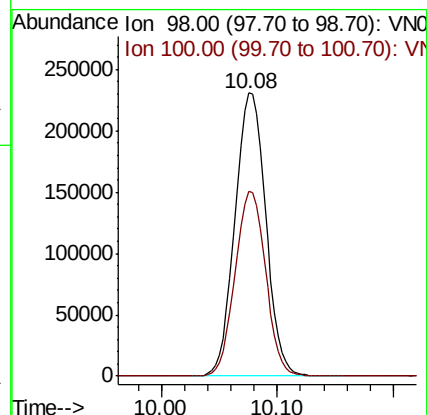
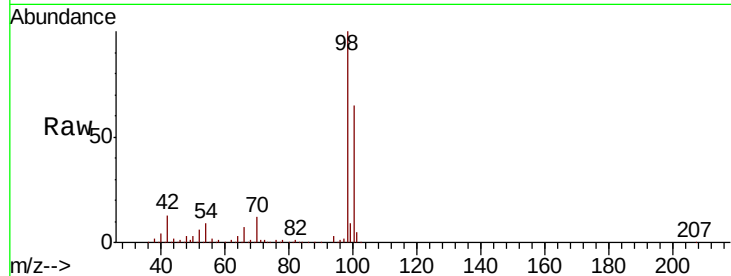
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Tot Ion: 98 Resp: 424536

Ion Ratio Lower Upper

98 100

100 64.8 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 50.506 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060667.D

Acq: 24 Mar 2020 13:20

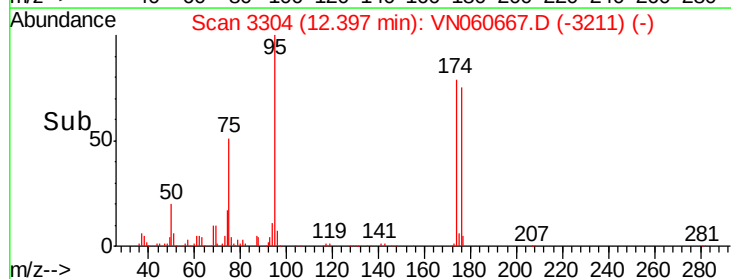
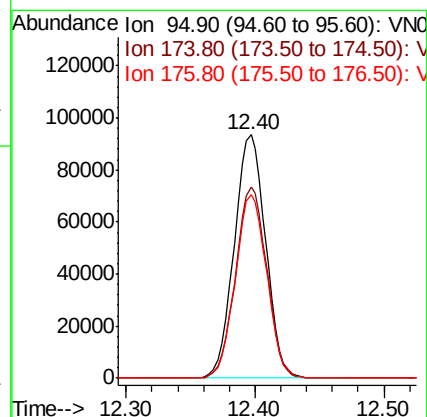
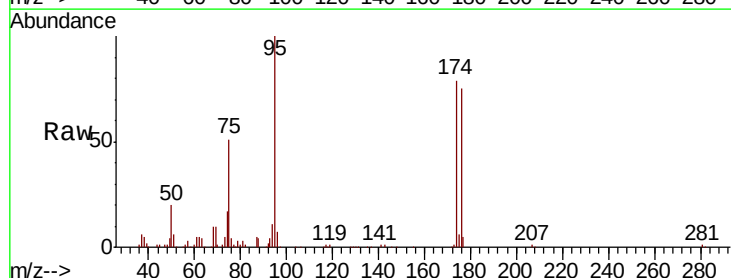
Tgt Ion: 95 Resp: 157663

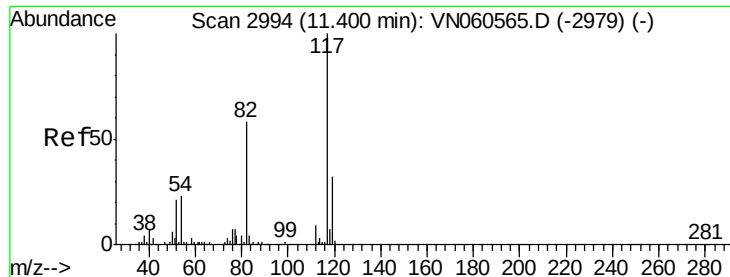
Ion Ratio Lower Upper

95 100

174 78.4 0.0 157.6

176 75.8 0.0 150.6

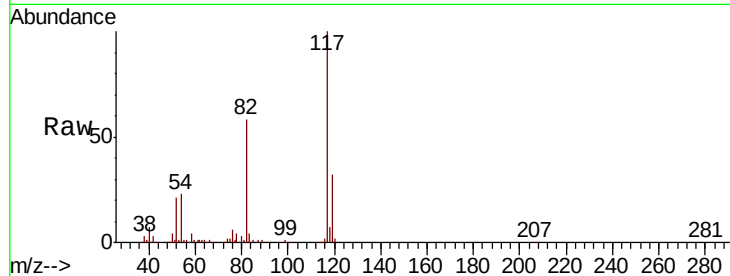




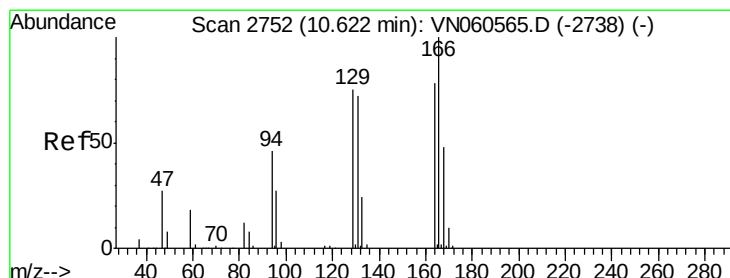
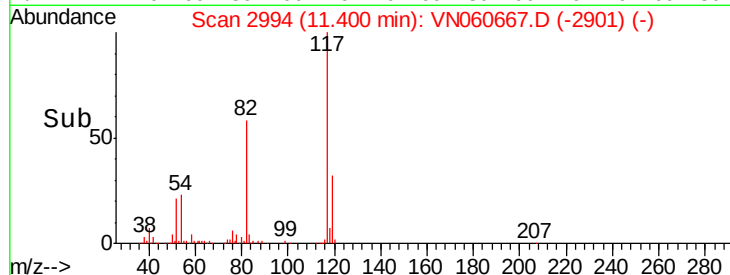
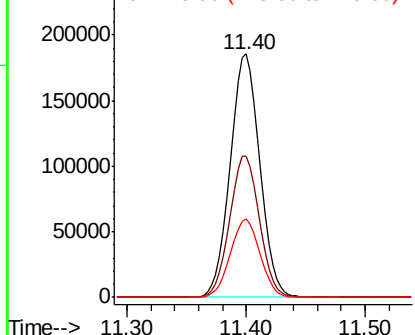
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060667.D
Acq: 24 Mar 2020 13:20

Instrument :
MSVOA_N
ClientSampleId :
KY038PS027-200323

Tot Ion:117 Resp: 320142
Ion Ratio Lower Upper
117 100
82 58.1 46.7 70.1
119 32.0 25.5 38.3

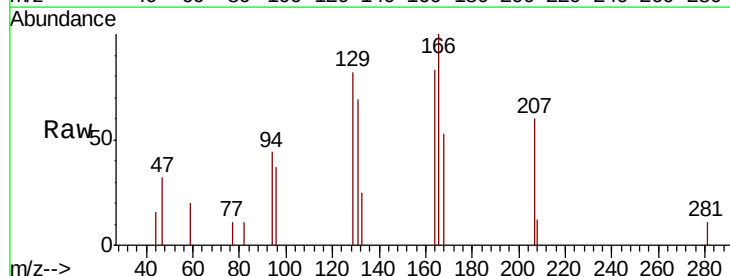


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

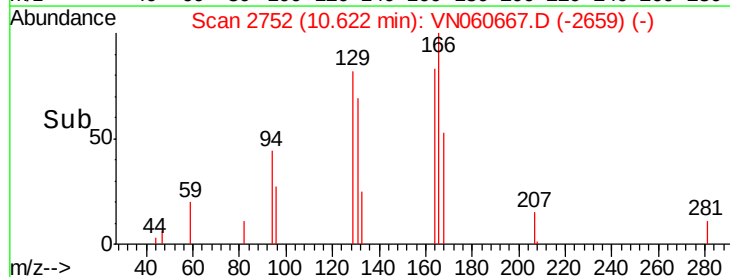
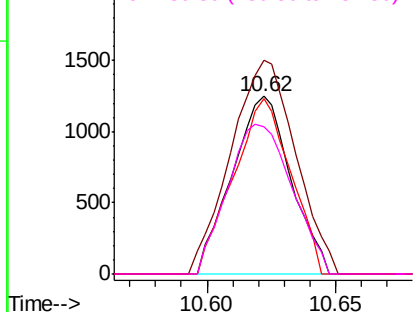


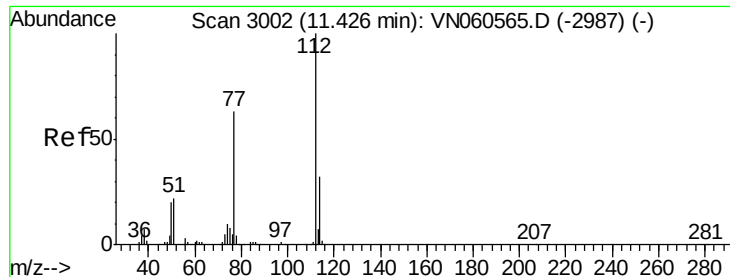
#64
Tetrachloroethene
Concen: 0.788 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. -0.00 min
Lab File: VN060667.D
Acq: 24 Mar 2020 13:20

Tgt Ion:164 Resp: 1984
Ion Ratio Lower Upper
164 100
166 120.3 102.7 154.1
129 99.0 77.2 115.8
131 82.9 73.8 110.6



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 1.570 ug/l

RT: 11.43 min Scan# 3002

Delta R.T. -0.00 min

Lab File: VN060667.D

Acq: 24 Mar 2020 13:20

Instrument :

MSVOA_N

ClientSampleId :

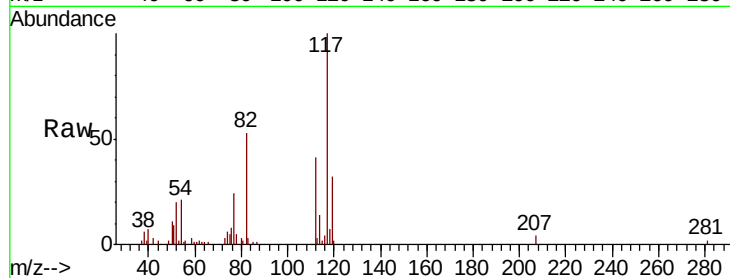
KY038PS027-200323

Tot Ion:112 Resp: 9961

Ion Ratio Lower Upper

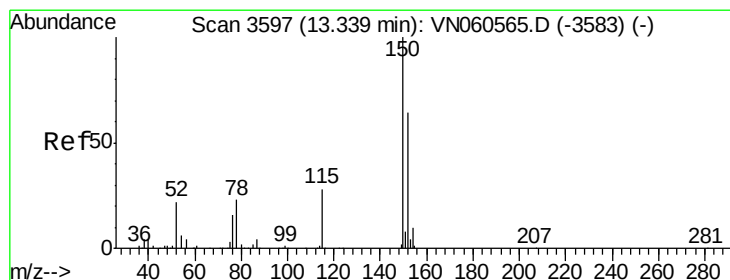
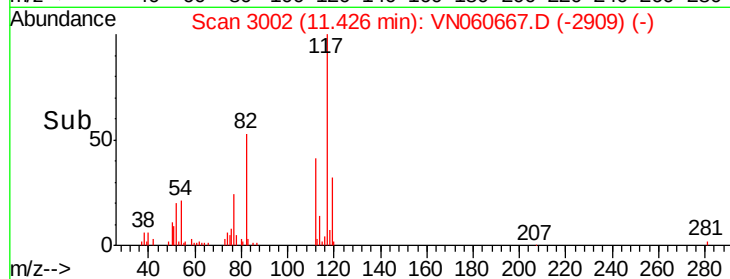
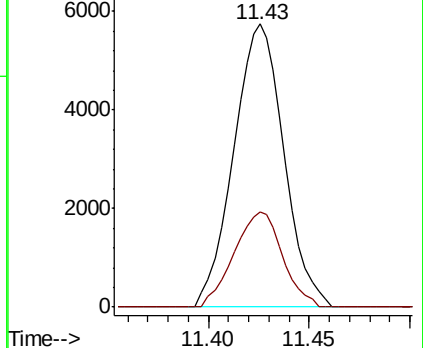
112 100

114 33.9 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060667.D

Acq: 24 Mar 2020 13:20

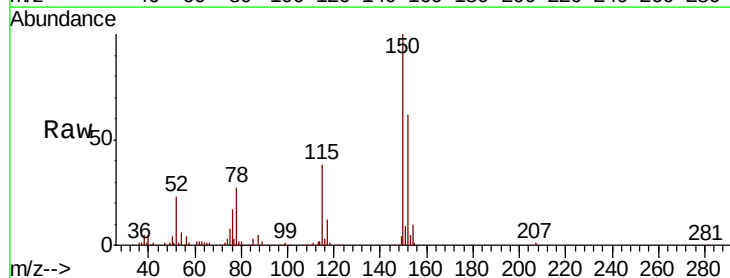
Tgt Ion:152 Resp: 144109

Ion Ratio Lower Upper

152 100

115 60.2 30.2 90.6

150 159.1 0.0 350.2



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

