

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082520\
 Data File : VN063118.D
 Acq On : 25 Aug 2020 17:51
 Operator : JC/MD
 Sample : L3788-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1794

Quant Time: Aug 26 06:51:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

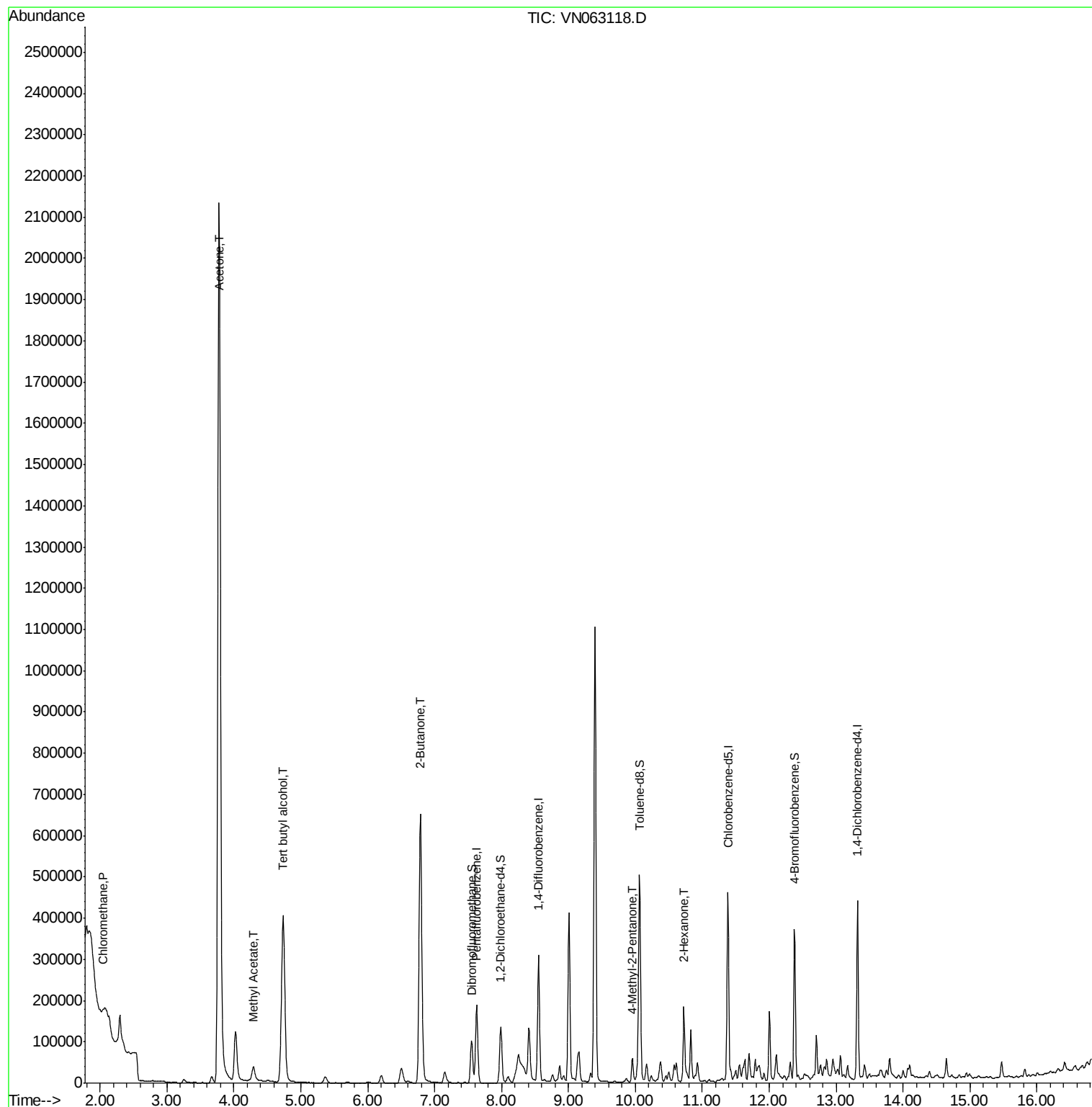
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	160555	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	273314	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	266029	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	119939	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	98430	51.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.46%	
35) Dibromofluoromethane	7.55	113	80589	45.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.50%	
50) Toluene-d8	10.06	98	345375	50.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.98%	
62) 4-Bromofluorobenzene	12.38	95	126990	52.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.22%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.04	50	3308	1.503	ug/l	88
11) Tert butyl alcohol	4.73	59	822562	3051.793	ug/l	99
16) Acetone	3.78	43	3812211	6522.892	ug/l	100
18) Methyl Acetate	4.29	43	77422	40.942	ug/l	99
25) 2-Butanone	6.79	43	1195047	1182.932	ug/l	97
51) 4-Methyl-2-Pentanone	9.96	43	40978	17.339	ug/l	94
59) 2-Hexanone	10.72	43	120438	73.060	ug/l	97

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

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VN063118.D

Acq: 25 Aug 2020 17:51

Instrument :

MSVOA_N

ClientSampleId :

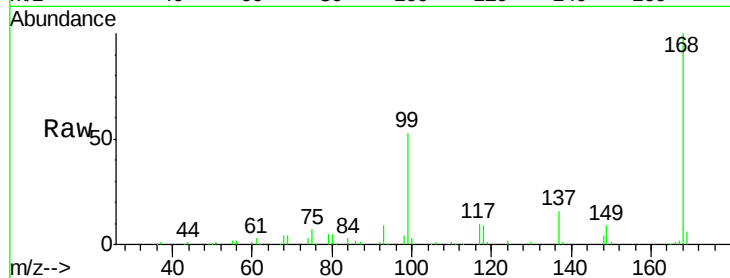
1794

Tot Ion:168 Resp: 160555

Ion Ratio Lower Upper

168 100

99 53.3 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

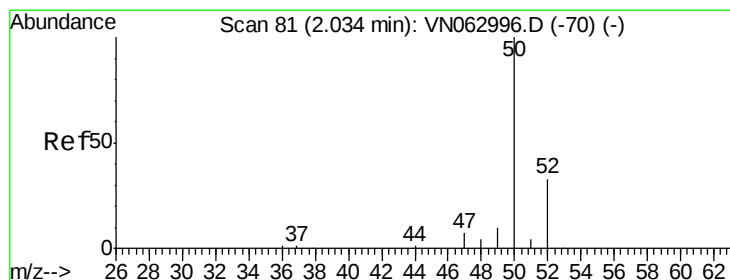
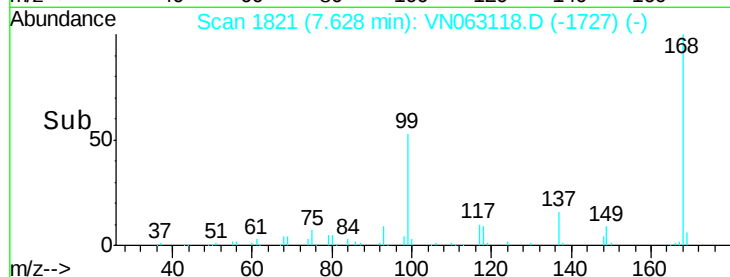
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#3

Chloromethane

Concen: 1.503 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN063118.D

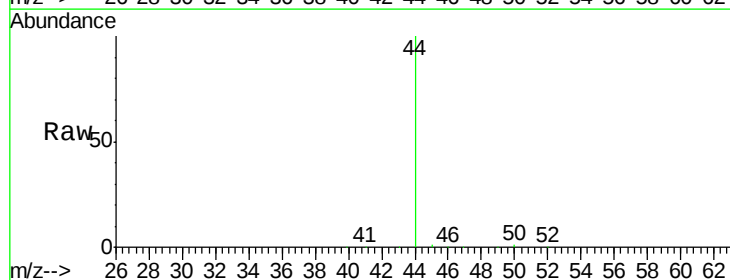
Acq: 25 Aug 2020 17:51

Tgt Ion: 50 Resp: 3308

Ion Ratio Lower Upper

50 100

52 39.0 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.04

2000

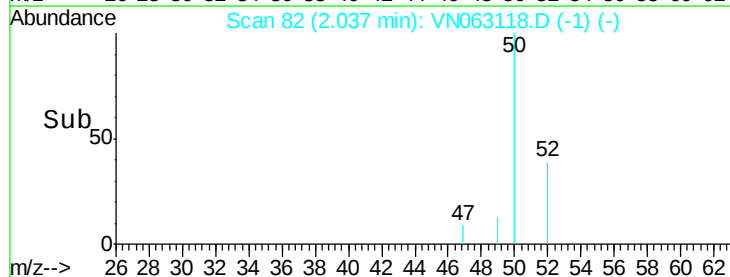
1500

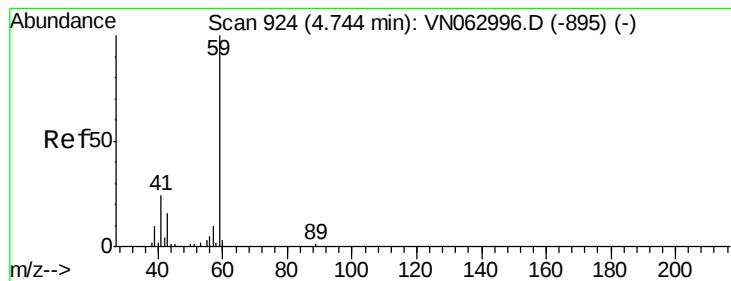
1000

500

0

Time--> 2.00 2.05 2.10



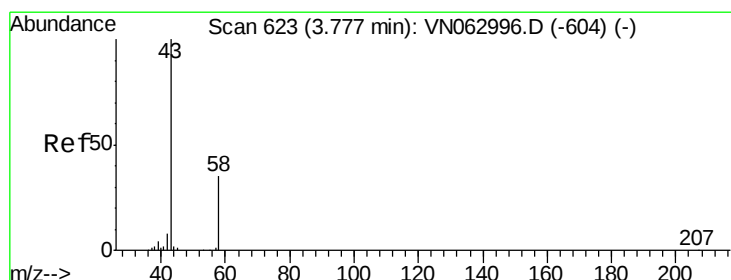
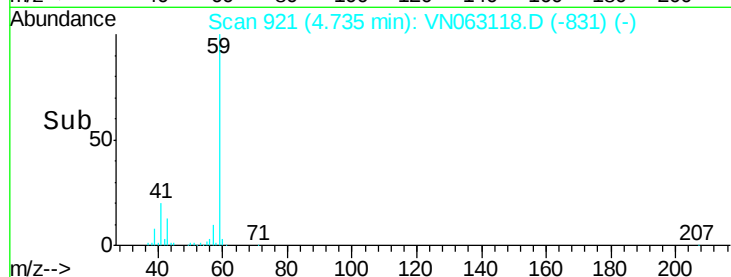
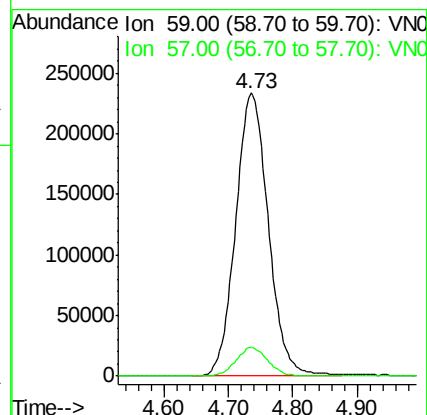
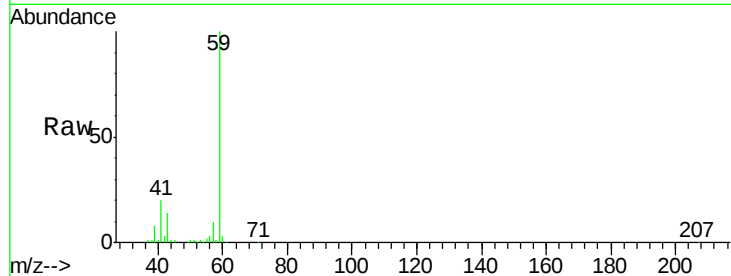


#11

Tert butyl alcohol
 Concen: 3051.793 ug/l
 RT: 4.73 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: VN063118.D
 Acq: 25 Aug 2020 17:51

Instrument :
 MSVOA_N
 ClientSampled :
 1794

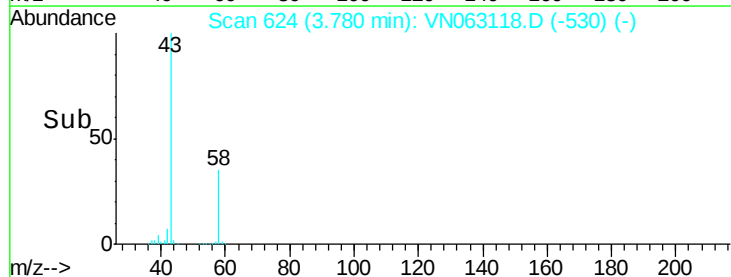
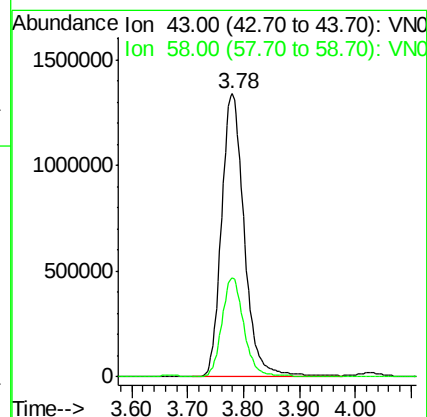
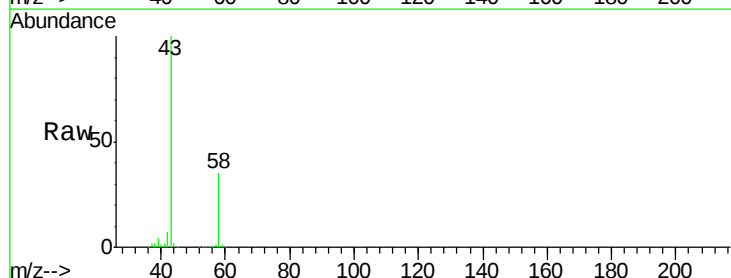
Tot Ion: 59 Resp: 822562
 Ion Ratio Lower Upper
 59 100
 57 9.9 7.8 11.6

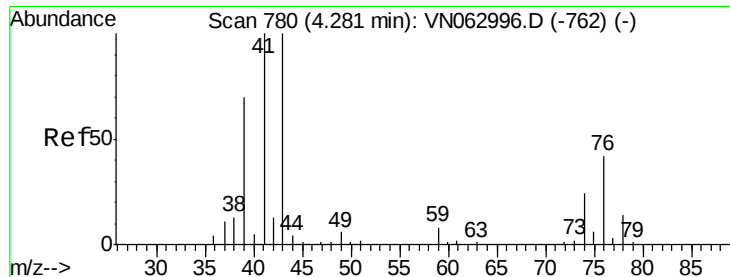


#16

Acetone
 Concen: 6522.892 ug/l
 RT: 3.78 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: VN063118.D
 Acq: 25 Aug 2020 17:51

Tgt Ion: 43 Resp: 3812211
 Ion Ratio Lower Upper
 43 100
 58 34.9 27.8 41.6

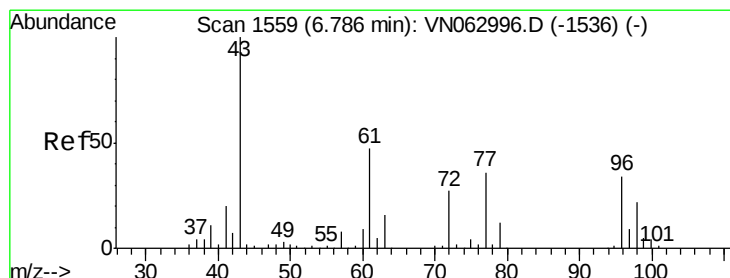
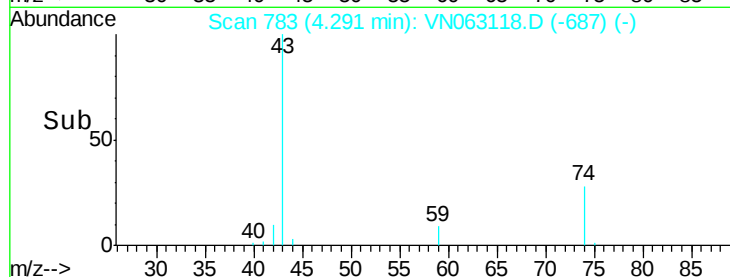
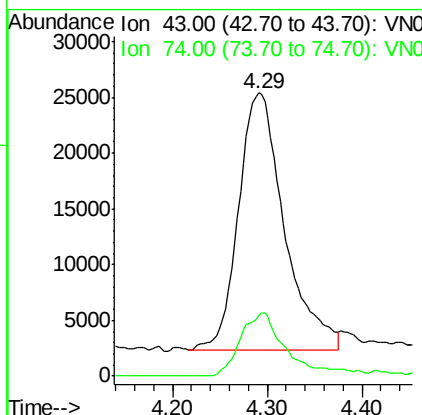
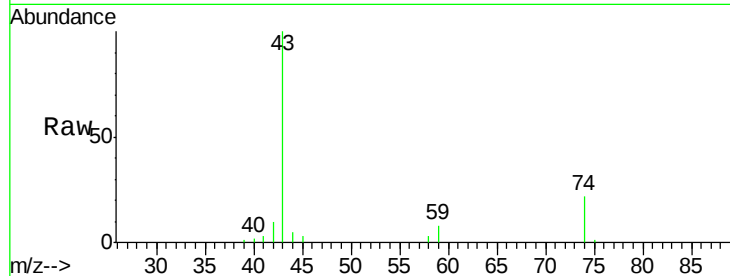




#18
Methvl Acetate
Concen: 40.942 ug/l
RT: 4.29 min Scan# 783
Delta R.T. 0.01 min
Lab File: VN063118.D
Acq: 25 Aug 2020 17:51

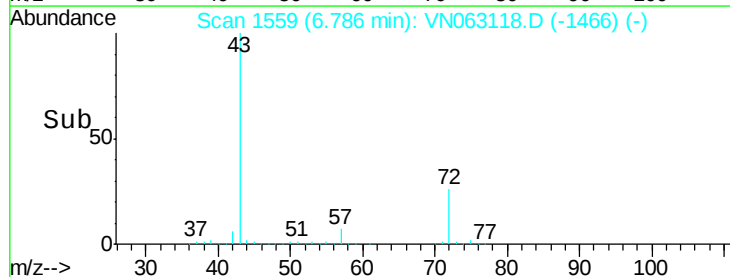
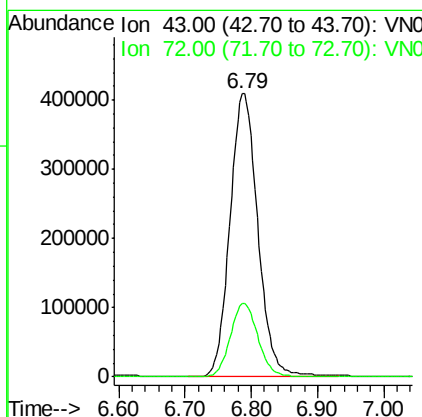
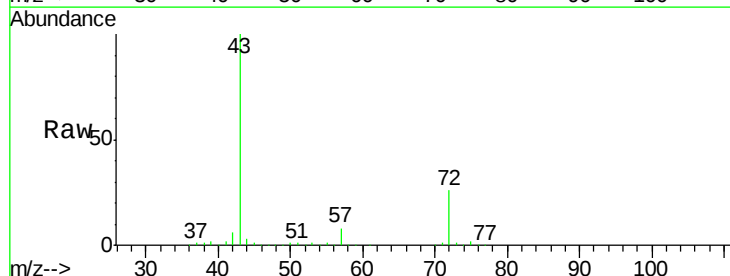
Instrument :
MSVOA_N
ClientSampled :
1794

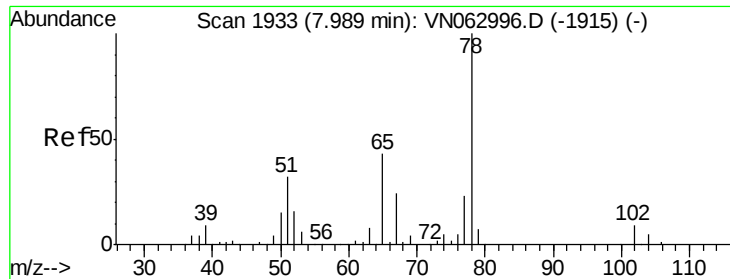
Tot Ion: 43 Resp: 77422
Ion Ratio Lower Upper
43 100
74 23.6 18.6 28.0



#25
2-Butanone
Concen: 1182.932 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VN063118.D
Acq: 25 Aug 2020 17:51

Tgt Ion: 43 Resp: 1195047
Ion Ratio Lower Upper
43 100
72 25.9 21.8 32.6





#33

1,2-Dichloroethane-d4

Concen: 51.727 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN063118.D

Acq: 25 Aug 2020 17:51

Instrument :

MSVOA_N

ClientSampleId :

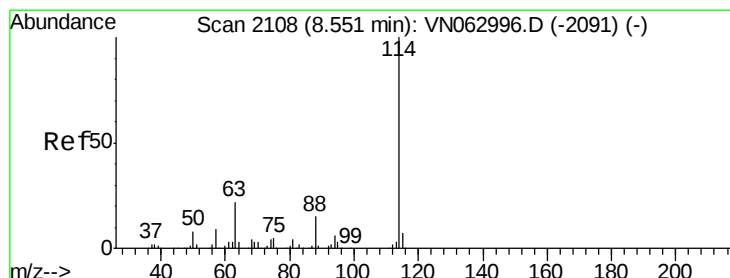
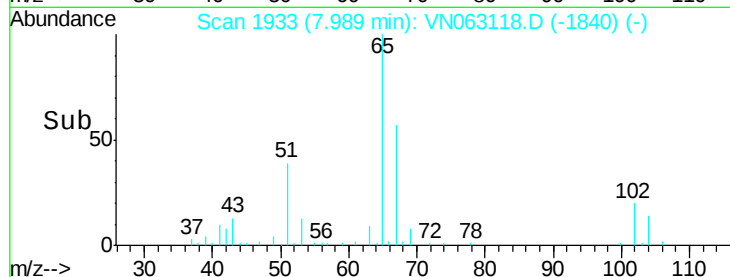
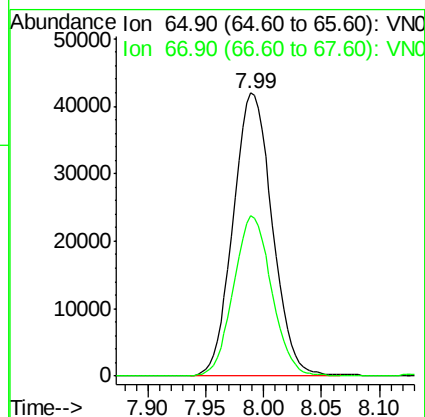
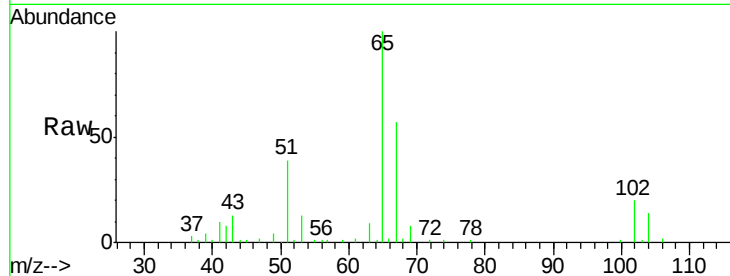
1794

Tot Ion: 65 Resp: 98430

Ion Ratio Lower Upper

65 100

67 55.1 0.0 112.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. 0.00 min

Lab File: VN063118.D

Acq: 25 Aug 2020 17:51

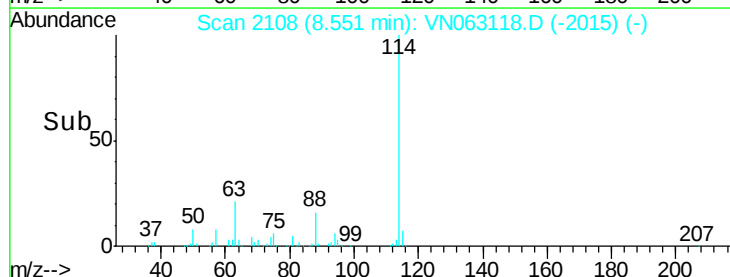
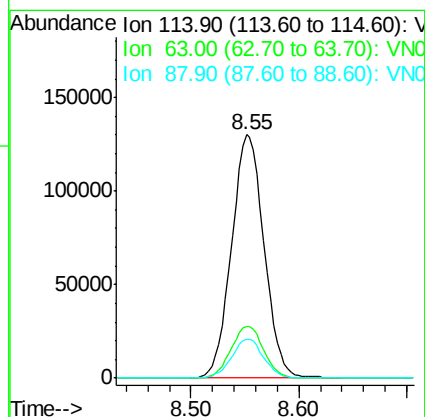
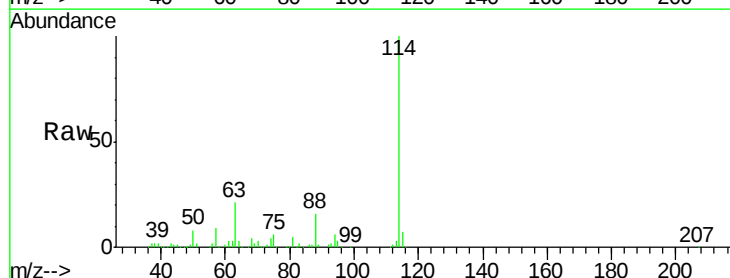
Tgt Ion: 114 Resp: 273314

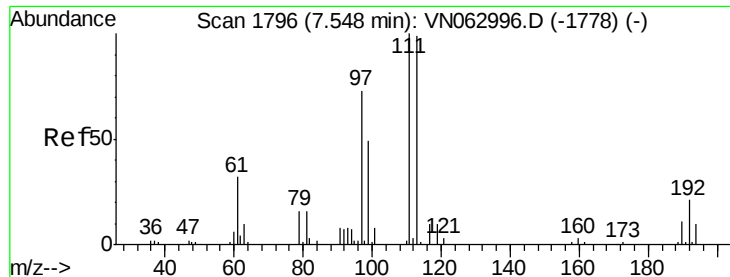
Ion Ratio Lower Upper

114 100

63 21.4 0.0 43.2

88 16.0 0.0 30.6

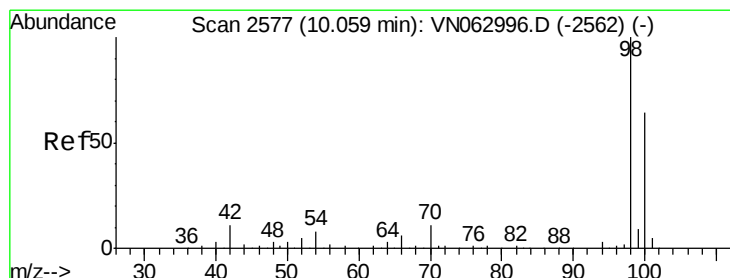
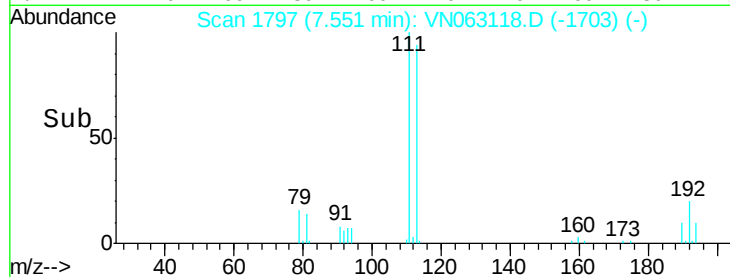
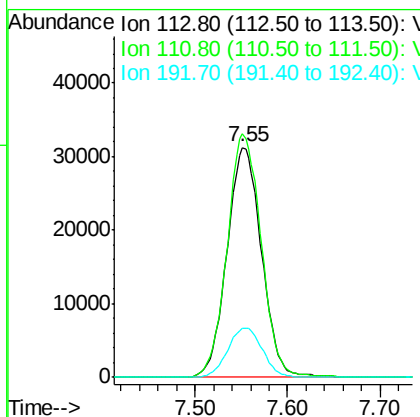
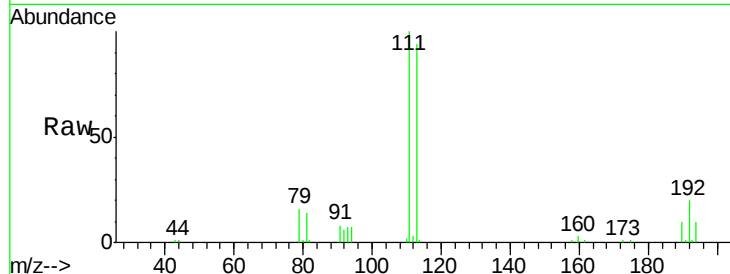




#35
 Dibromofluoromethane
 Concen: 45.252 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN063118.D
 Acq: 25 Aug 2020 17:51

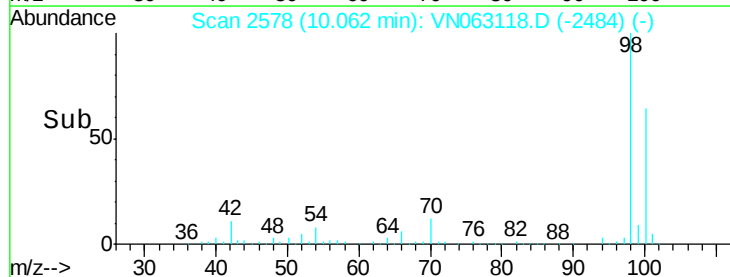
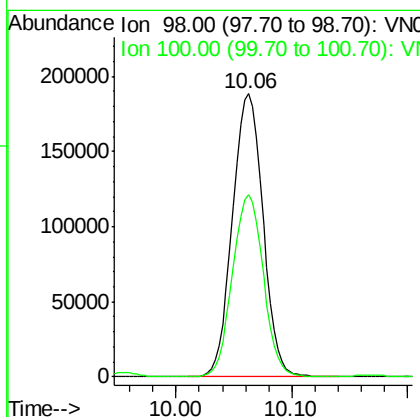
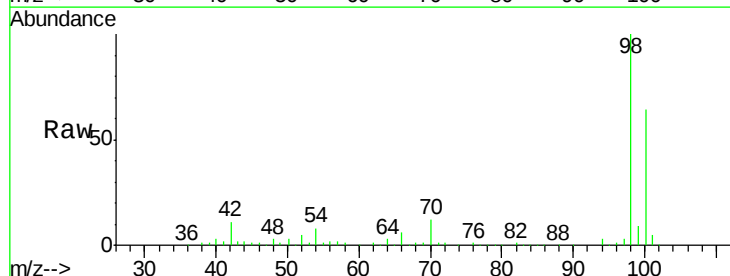
Instrument :
 MSVOA_N
 ClientSampled :
 1794

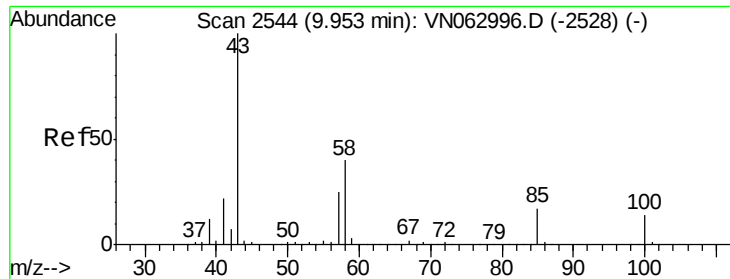
Tot Ion:113 Resp: 80589
 Ion Ratio Lower Upper
 113 100
 111 104.5 81.7 122.5
 192 21.5 17.5 26.3



#50
 Toluene-d8
 Concen: 50.489 ug/l
 RT: 10.06 min Scan# 2578
 Delta R.T. 0.00 min
 Lab File: VN063118.D
 Acq: 25 Aug 2020 17:51

Tgt Ion: 98 Resp: 345375
 Ion Ratio Lower Upper
 98 100
 100 65.0 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 17.339 ug/l

RT: 9.96 min Scan# 2545

Delta R.T. 0.00 min

Lab File: VN063118.D

Acq: 25 Aug 2020 17:51

Instrument :

MSVOA_N

ClientSampled :

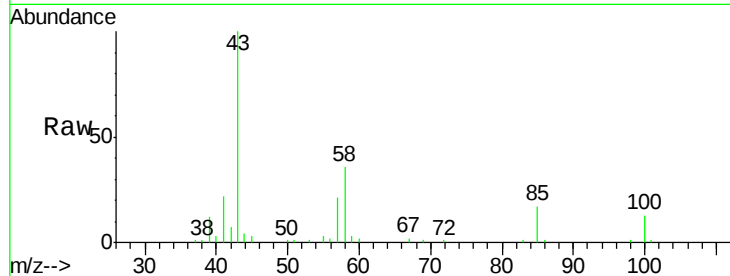
1794

Tot Ion: 43 Resp: 40978

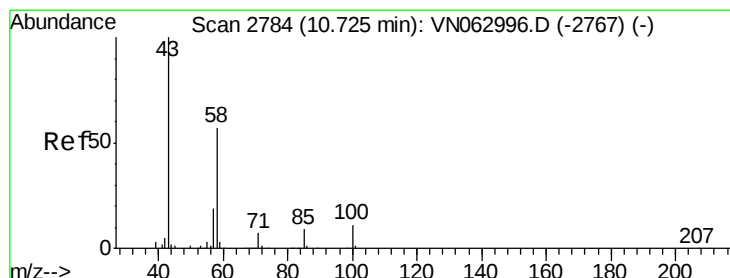
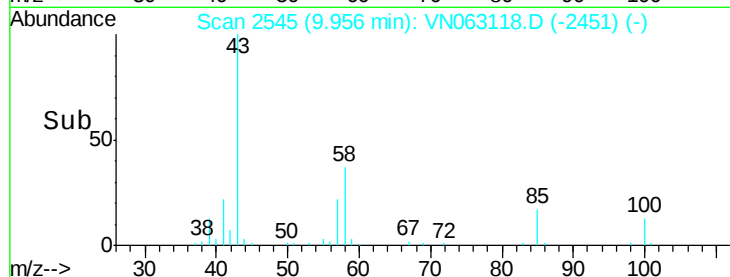
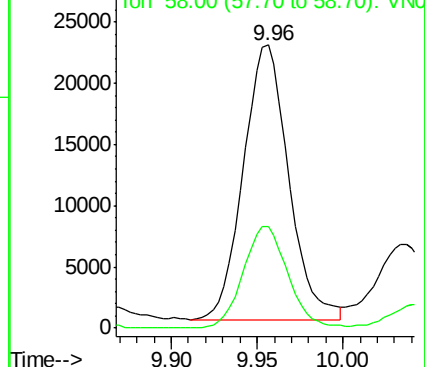
Ion Ratio Lower Upper

43 100

58 36.8 32.2 48.2



Abundance Ion 43.00 (42.70 to 43.70): VN063118.D (-2451) (-)



#59

2-Hexanone

Concen: 73.060 ug/l

RT: 10.72 min Scan# 2784

Delta R.T. 0.00 min

Lab File: VN063118.D

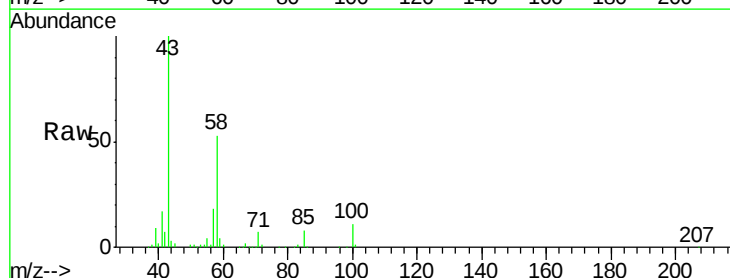
Acq: 25 Aug 2020 17:51

Tgt Ion: 43 Resp: 120438

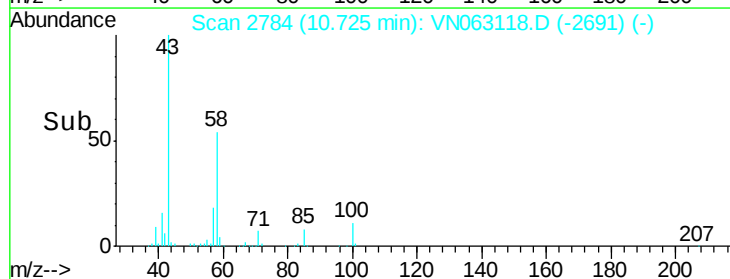
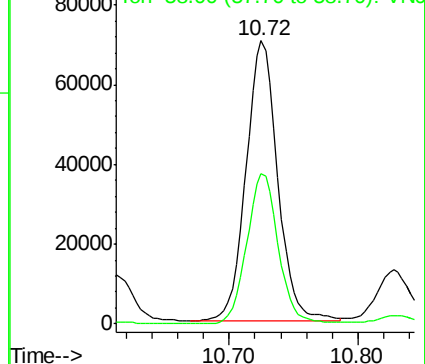
Ion Ratio Lower Upper

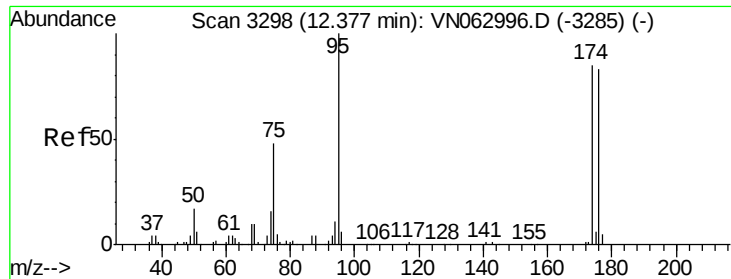
43 100

58 53.6 28.1 84.3



Abundance Ion 43.00 (42.70 to 43.70): VN063118.D (-2691) (-)

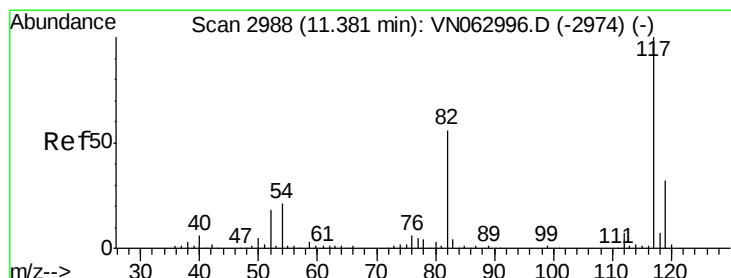
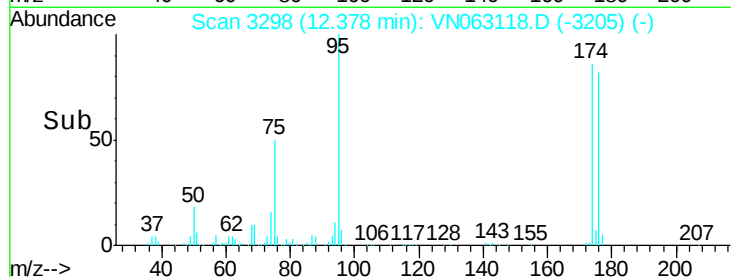
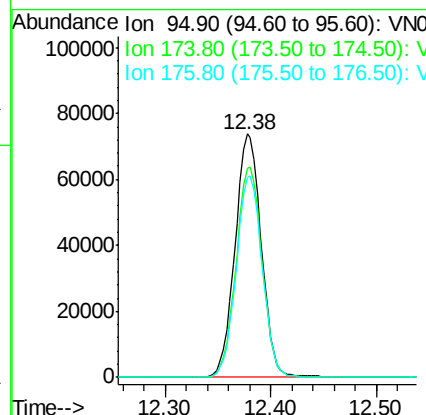
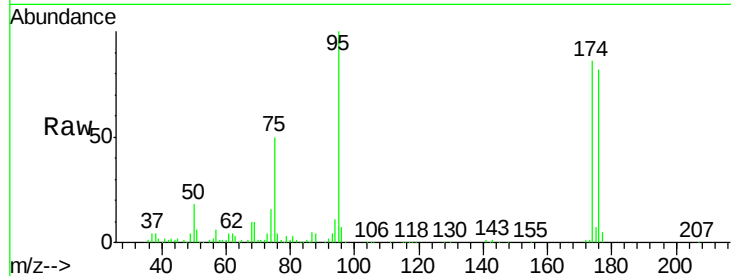




#62
4-Bromofluorobenzene
Concen: 52.607 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN063118.D
Acq: 25 Aug 2020 17:51

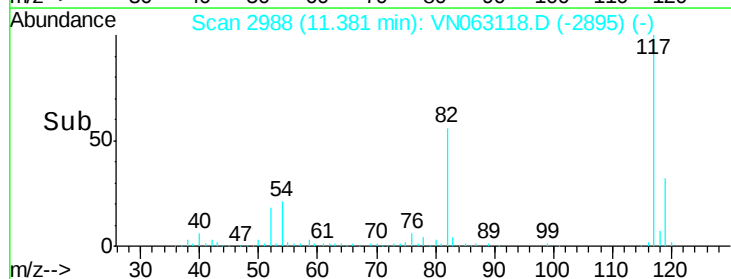
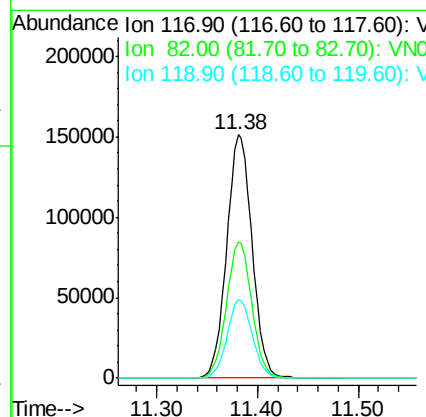
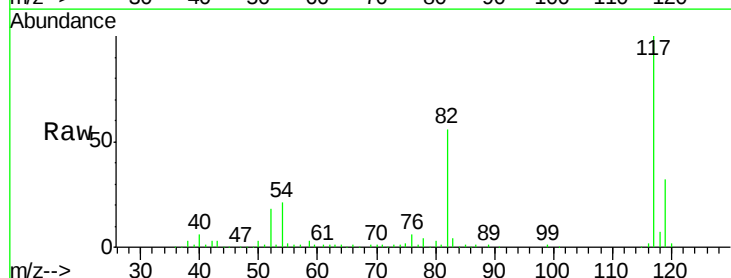
Instrument :
MSVOA_N
ClientSampled :
1794

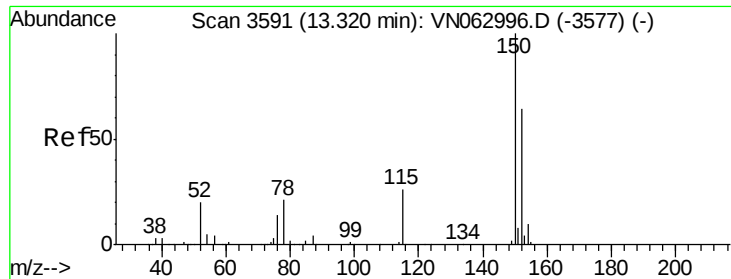
Tot Ion	Ratio	Lower	Upper
95	100		
174	85.6	0.0	170.8
176	81.7	0.0	164.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN063118.D
Acq: 25 Aug 2020 17:51

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.1	44.5	66.7
119	32.0	25.5	38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN063118.D

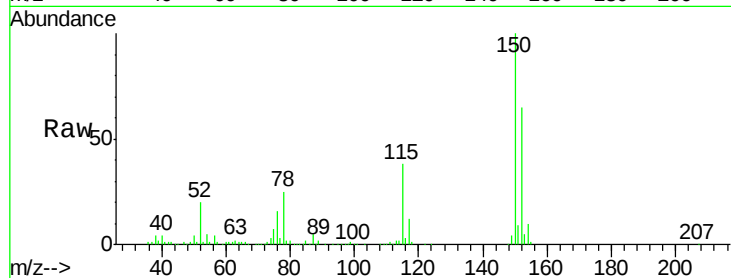
Acq: 25 Aug 2020 17:51

Instrument :

MSVOA_N

ClientSampleId :

1794



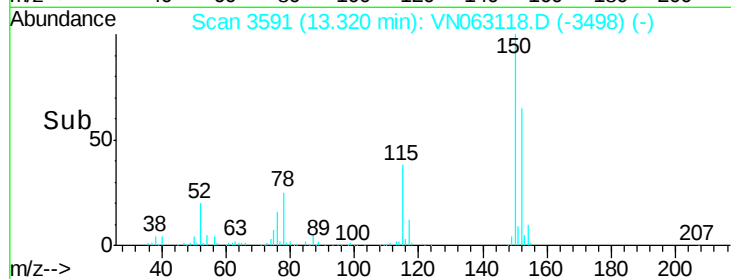
Tot Ion:152 Resp: 119939

Ion Ratio Lower Upper

152 100

115 57.2 28.7 86.3

150 155.3 0.0 348.8



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

