

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091319\
 Data File : VN057960.D
 Acq On : 12 Sep 2019 11:14
 Operator : JC/SP
 Sample : K4835-03RE
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PZ-3RE

Quant Time: Sep 13 05:09:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

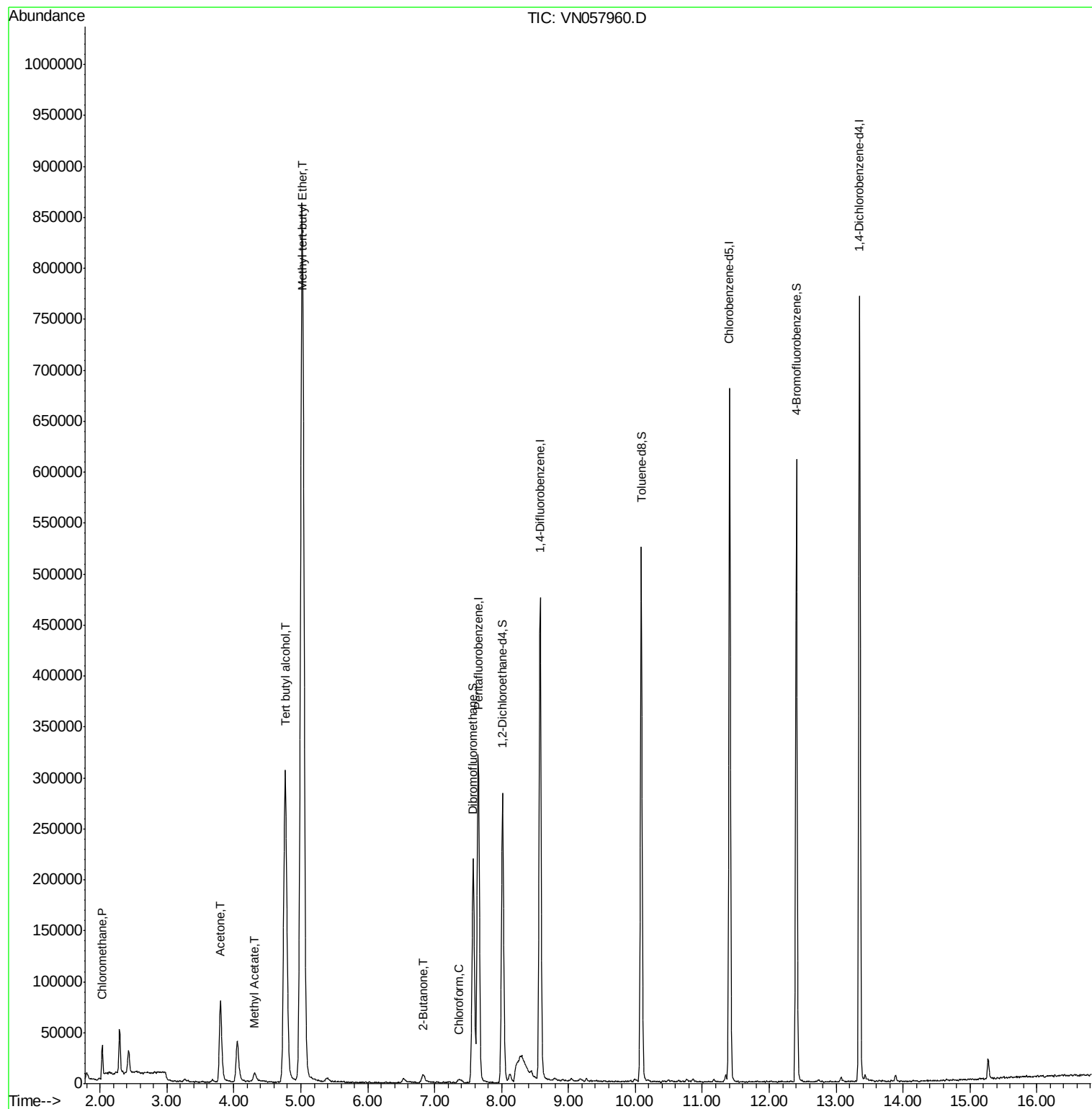
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	247093	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	403142	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	364677	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	193602	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	242738	48.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.00%	
35) Dibromofluoromethane	7.58	113	166610	44.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.56%	
50) Toluene-d8	10.09	98	355533	24.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	49.22%	
62) 4-Bromofluorobenzene	12.41	95	201462	36.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.18%	
Target Compounds						
3) Chloromethane	2.03	50	21589	6.199	ug/l	94
11) Tert butyl alcohol	4.77	59	517913	855.029	ug/l	99
16) Acetone	3.80	43	132765	80.923	ug/l	97
18) Methyl Acetate	4.31	43	14144	3.233	ug/l #	83
19) Methyl tert-butyl Ether	5.02	73	1455333	132.911	ug/l	99
25) 2-Butanone	6.83	43	13662	5.753	ug/l	90
30) Chloroform	7.36	83	2594	0.376	ug/l	92

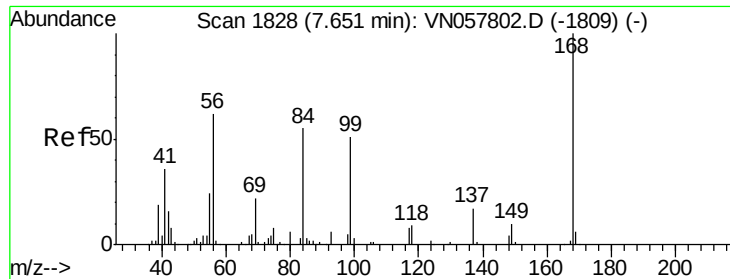
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN091319\
Data File : VN057960.D
Acq On : 12 Sep 2019 11:14
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Sample : K4835-03RE
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PZ-3RE

Quant Time: Sep 13 05:09:54 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 03:02:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN057960.D

Acq: 12 Sep 2019 11:14

Instrument :

MSVOA_N

ClientSampleId :

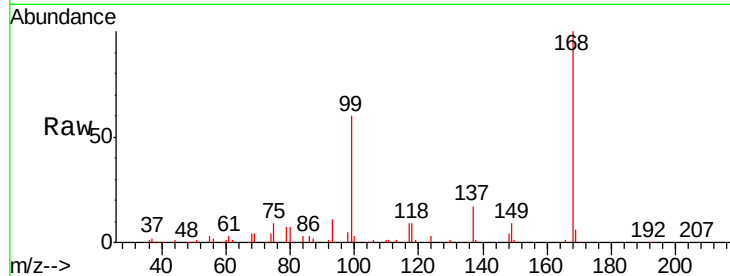
PZ-3RE

Tgt Ion:168 Resp: 247093

Ion Ratio Lower Upper

168 100

99 59.9 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

7.65

100000

80000

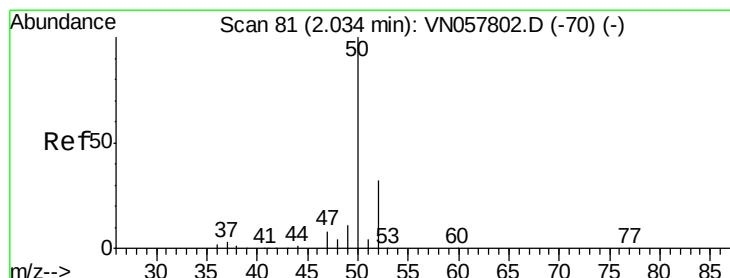
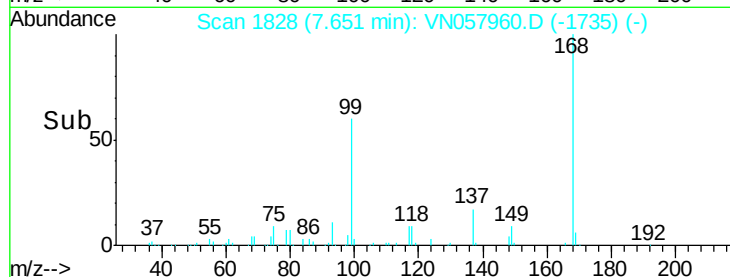
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 6.199 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN057960.D

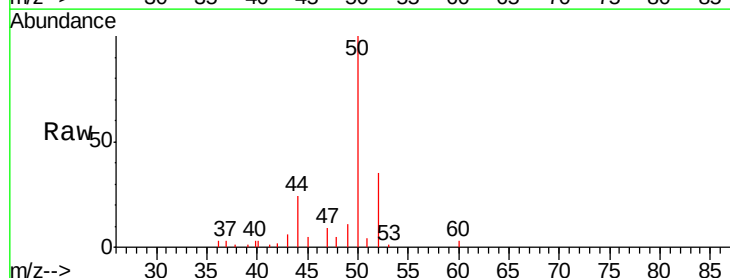
Acq: 12 Sep 2019 11:14

Tgt Ion: 50 Resp: 21589

Ion Ratio Lower Upper

50 100

52 35.5 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

20000

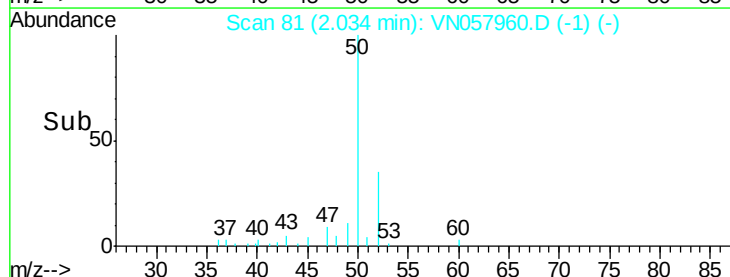
15000

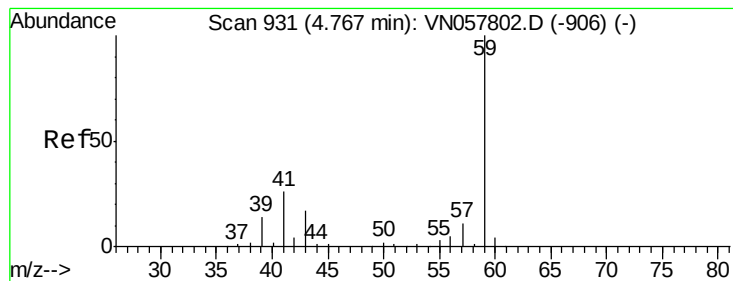
10000

5000

0

Time-->



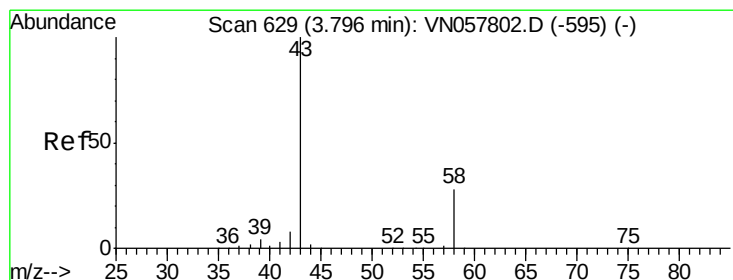
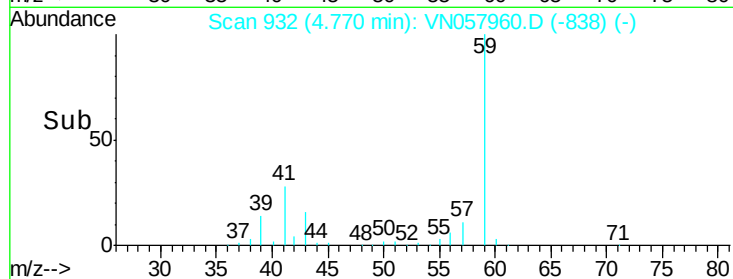
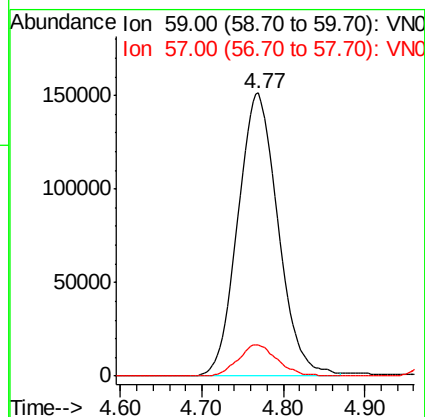
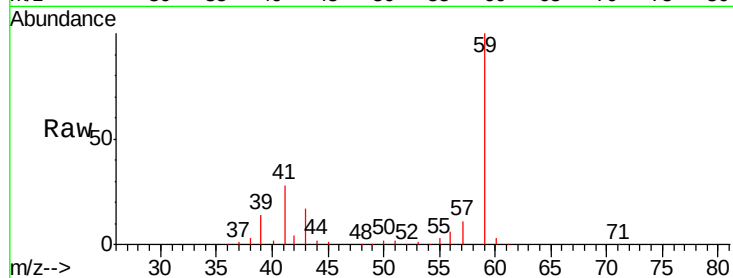


#11

Tert butyl alcohol
 Concen: 855.029 ug/l
 RT: 4.77 min Scan# 932
 Delta R.T. 0.00 min
 Lab File: VN057960.D
 Acq: 12 Sep 2019 11:14

Instrument :
 MSVOA_N
 ClientSampled :
 PZ-3RE

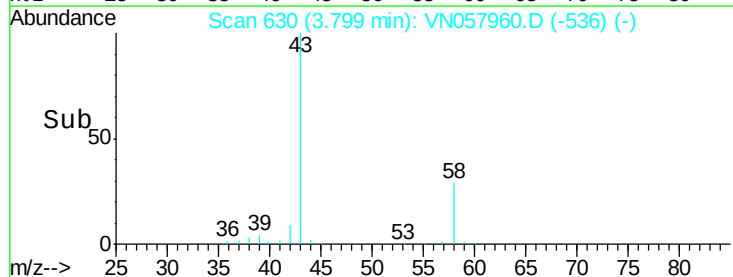
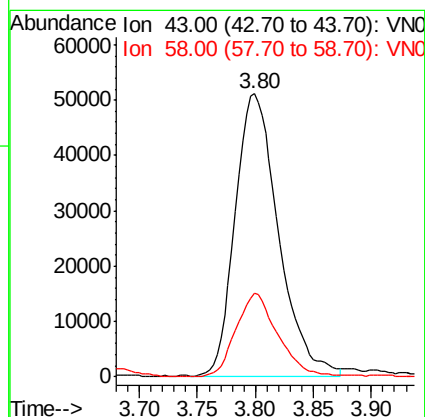
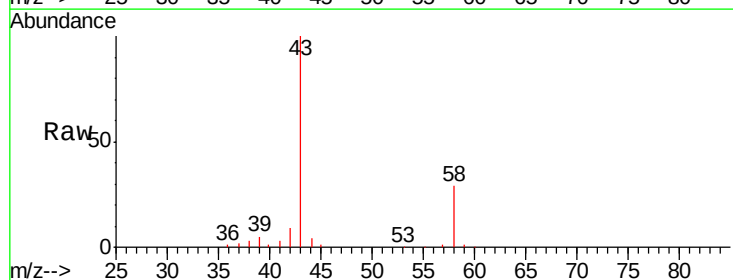
Tgt Ion: 59 Resp: 517913
 Ion Ratio Lower Upper
 59 100
 57 10.8 8.4 12.6

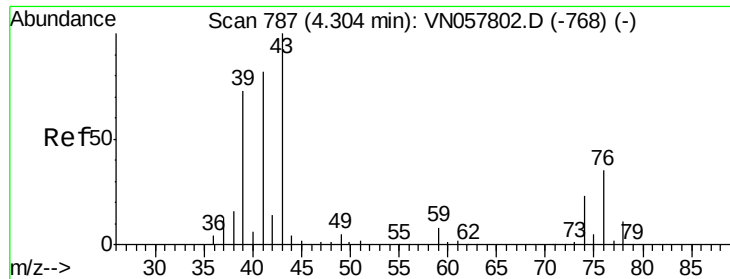


#16

Acetone
 Concen: 80.923 ug/l
 RT: 3.80 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: VN057960.D
 Acq: 12 Sep 2019 11:14

Tgt Ion: 43 Resp: 132765
 Ion Ratio Lower Upper
 43 100
 58 29.5 22.2 33.2

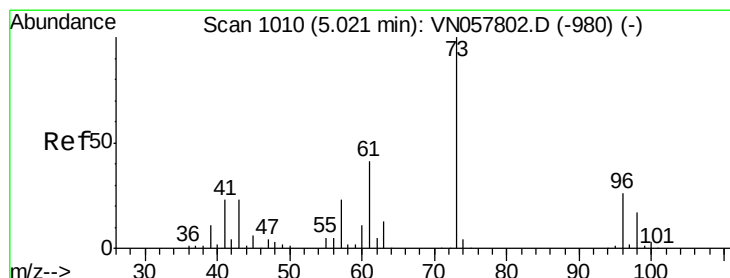
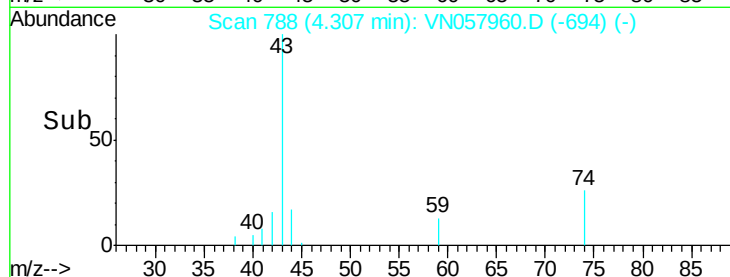
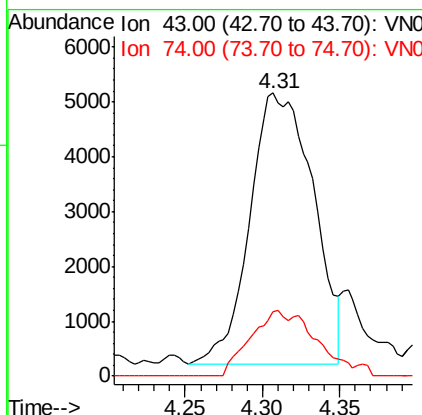
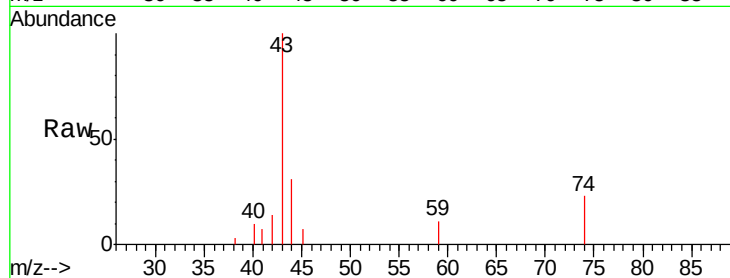




#18
Methyl Acetate
Concen: 3.233 ug/l
RT: 4.31 min Scan# 788
Delta R.T. 0.00 min
Lab File: VN057960.D
Acq: 12 Sep 2019 11:14

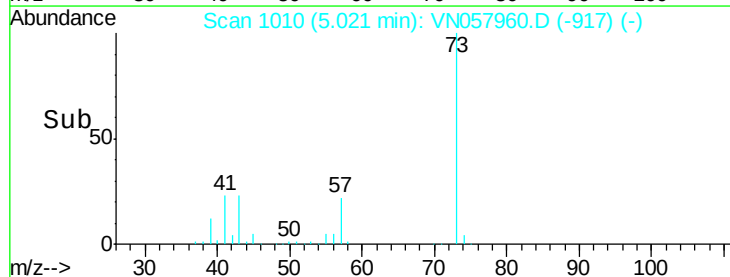
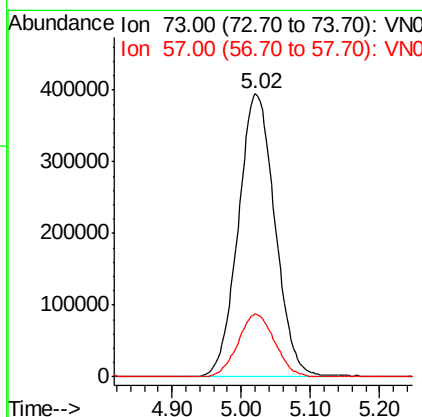
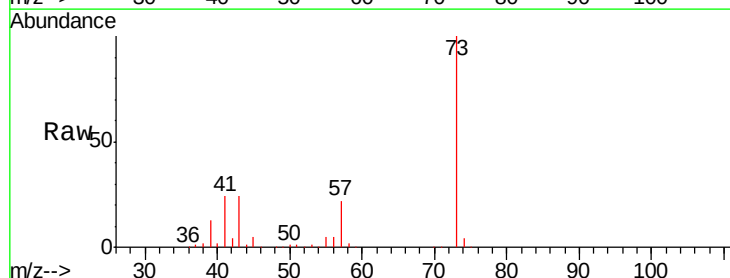
Instrument :
MSVOA_N
ClientSampled :
PZ-3RE

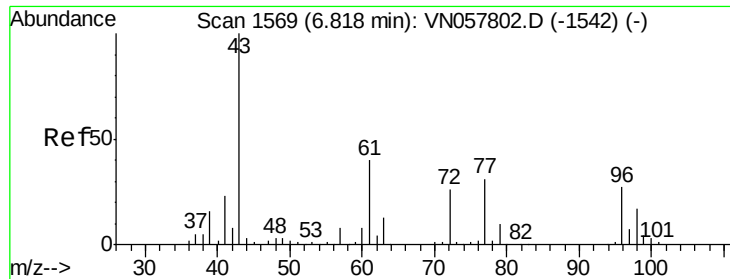
Tgt Ion: 43 Resp: 14144
Ion Ratio Lower Upper
43 100
74 14.1 17.9 26.9#



#19
Methyl tert-butyl Ether
Concen: 132.911 ug/l
RT: 5.02 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VN057960.D
Acq: 12 Sep 2019 11:14

Tgt Ion: 73 Resp: 1455333
Ion Ratio Lower Upper
73 100
57 22.3 18.2 27.2





#25

2-Butanone

Concen: 5.753 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.02 min

Lab File: VN057960.D

Acq: 12 Sep 2019 11:14

Instrument :

MSVOA_N

ClientSampled :

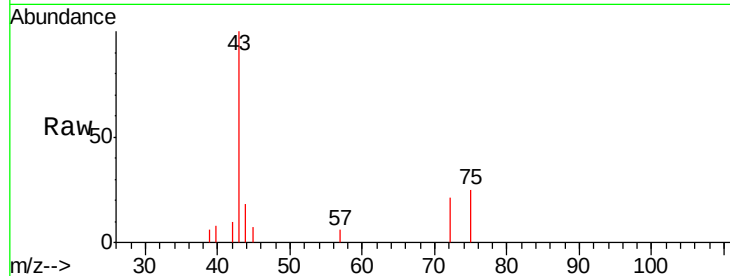
PZ-3RE

Tgt Ion: 43 Resp: 13662

Ion Ratio Lower Upper

43 100

72 20.9 20.6 30.8



Abundance Ion 43.00 (42.70 to 43.70): VN057802.D (-1542) (-)

Ion 72.00 (71.70 to 72.70): VN057802.D (-1542) (-)

6.83

4000

3000

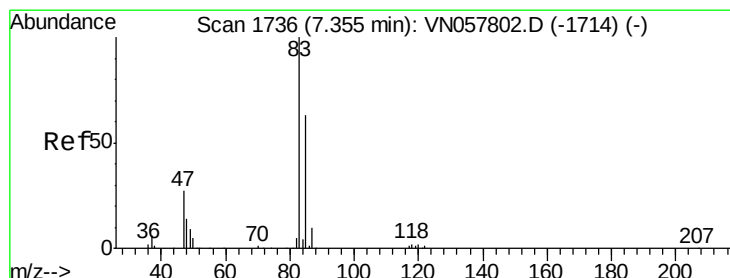
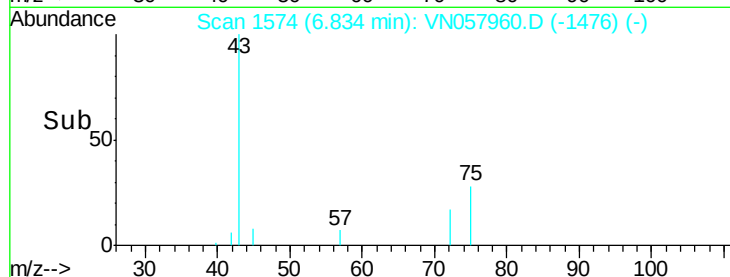
2000

1000

0

6.75 6.80 6.85 6.90

Time-->



#30

Chloroform

Concen: 0.376 ug/l

RT: 7.36 min Scan# 1738

Delta R.T. 0.01 min

Lab File: VN057960.D

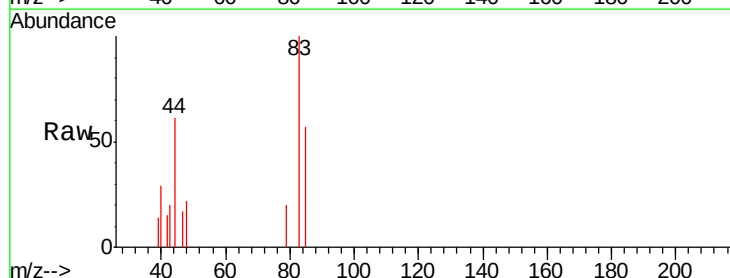
Acq: 12 Sep 2019 11:14

Tgt Ion: 83 Resp: 2594

Ion Ratio Lower Upper

83 100

85 56.6 50.6 75.8



Abundance Ion 82.90 (82.60 to 83.60): VN057960.D (-1643) (-)

Ion 84.90 (84.60 to 85.60): VN057960.D (-1643) (-)

7.36

1200

1000

800

600

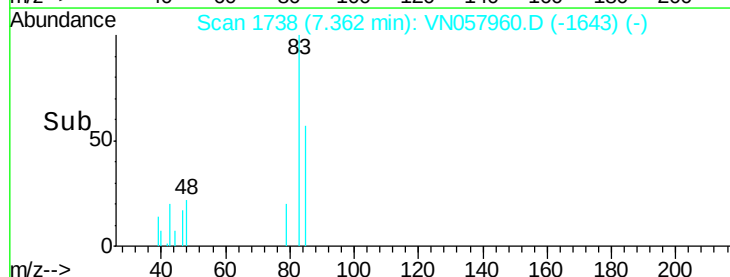
400

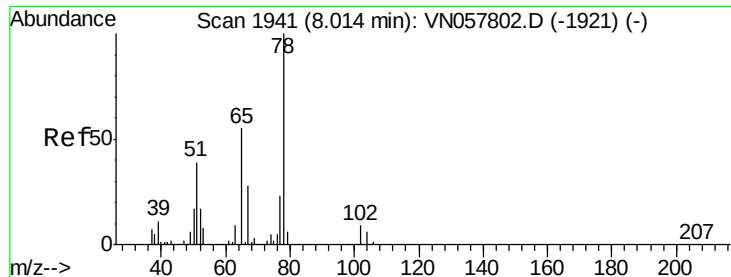
200

0

7.30 7.35 7.40

Time-->

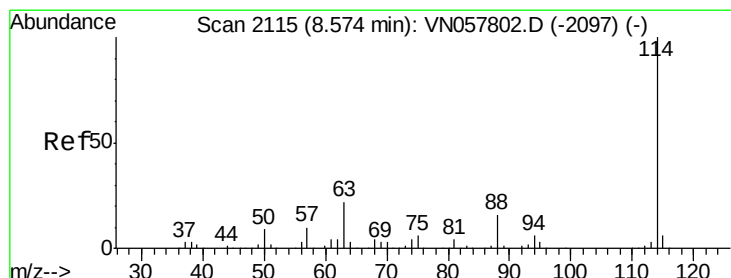
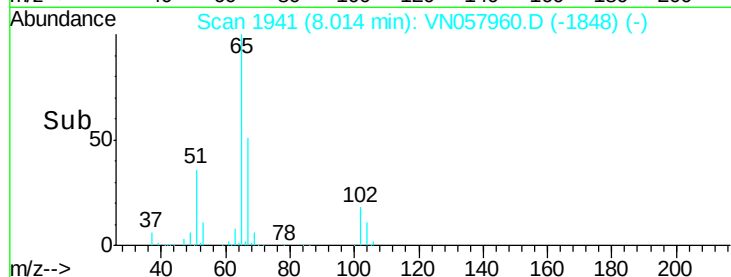
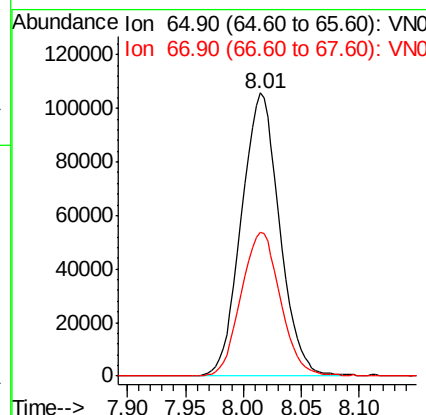
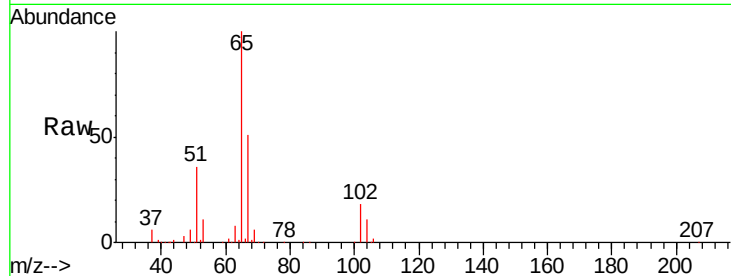




#33
 1,2-Dichloroethane-d4
 Concen: 48.502 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN057960.D
 Acq: 12 Sep 2019 11:14

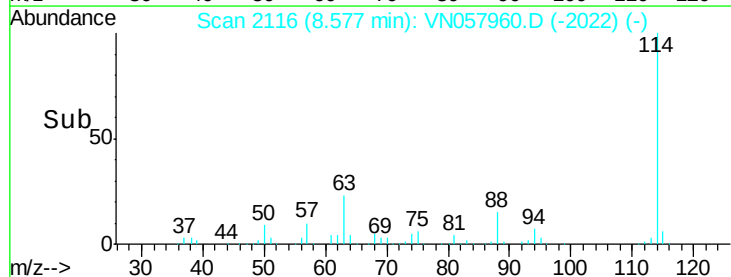
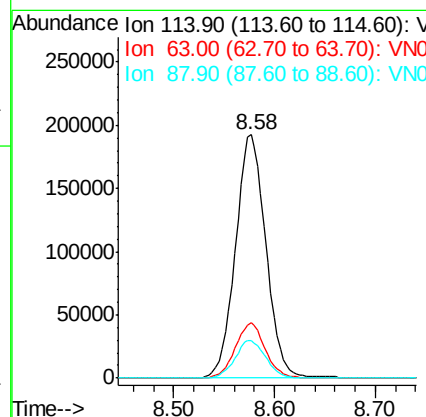
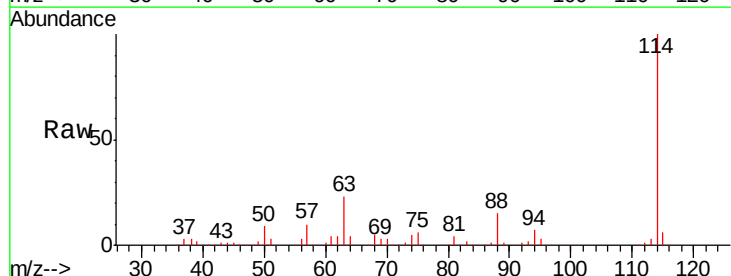
Instrument :
 MSVOA_N
 ClientSampleId :
 PZ-3RE

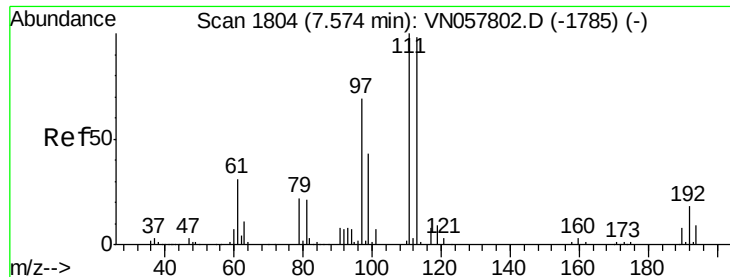
Tgt Ion: 65 Resp: 242738
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057960.D
 Acq: 12 Sep 2019 11:14

Tgt Ion: 114 Resp: 403142
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 44.0
 88 15.3 0.0 31.4

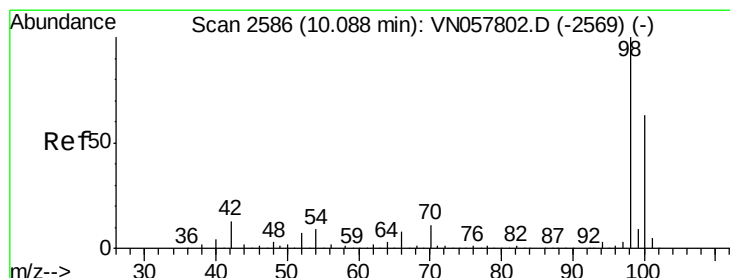
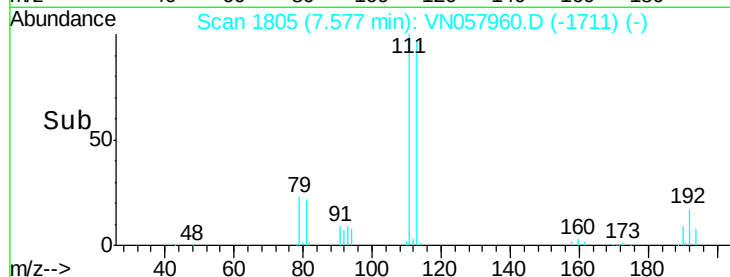
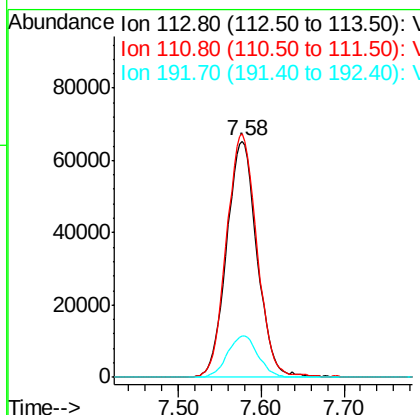
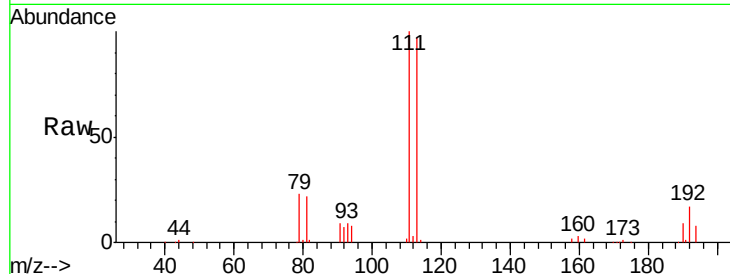




#35
 Dibromofluoromethane
 Concen: 44.778 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057960.D
 Acq: 12 Sep 2019 11:14

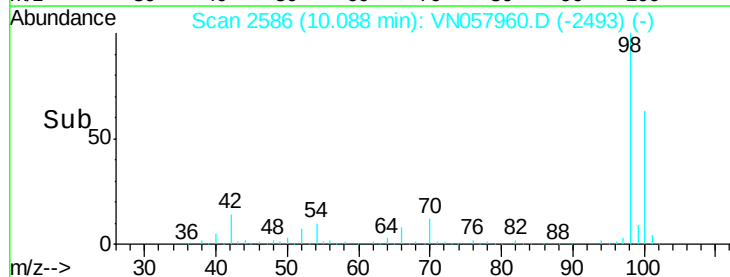
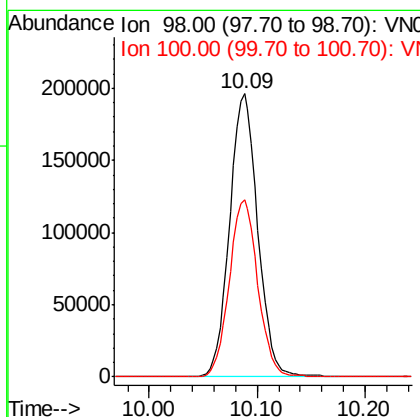
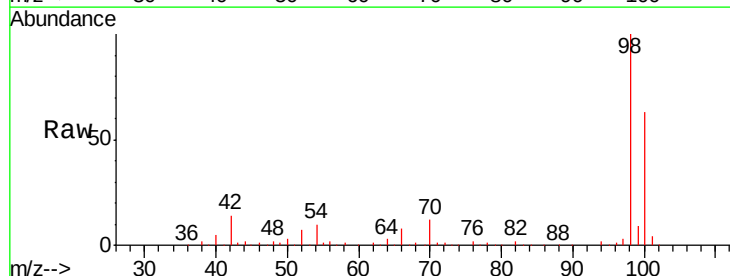
Instrument :
 MSVOA_N
 ClientSampleId :
 PZ-3RE

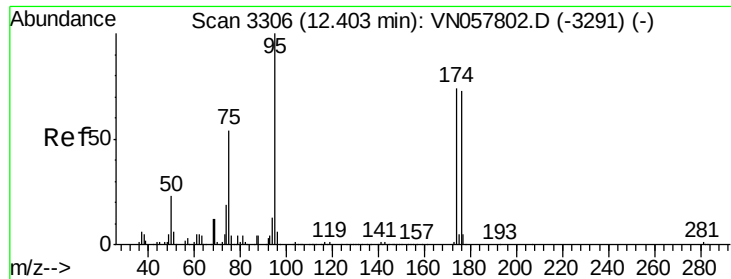
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.3	121.9
192	17.5	14.6	22.0



#50
 Toluene-d8
 Concen: 24.611 ug/l
 RT: 10.09 min Scan# 2586
 Delta R.T. 0.00 min
 Lab File: VN057960.D
 Acq: 12 Sep 2019 11:14

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.3	50.3	75.5





#62

4-Bromofluorobenzene

Concen: 36.594 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN057960.D

Acq: 12 Sep 2019 11:14

Instrument :

MSVOA_N

ClientSampled :

PZ-3RE

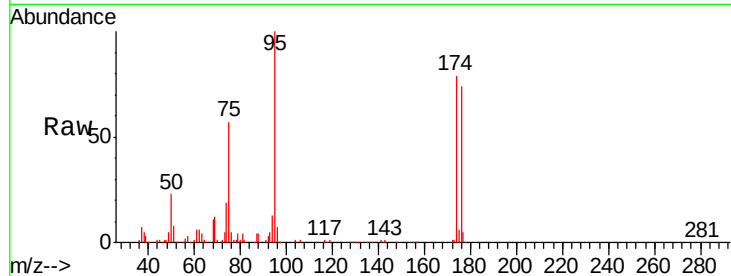
Tgt Ion: 95 Resp: 201462

Ion Ratio Lower Upper

95 100

174 76.3 0.0 150.2

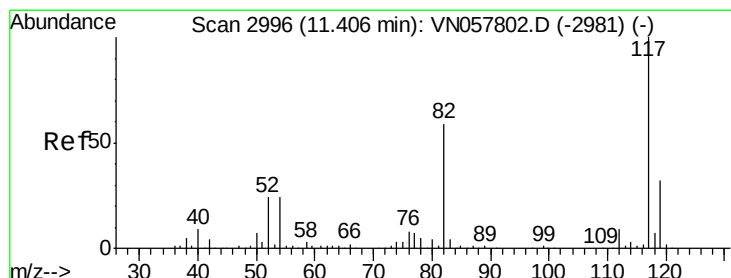
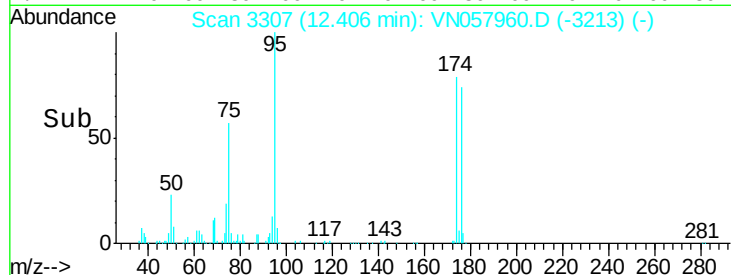
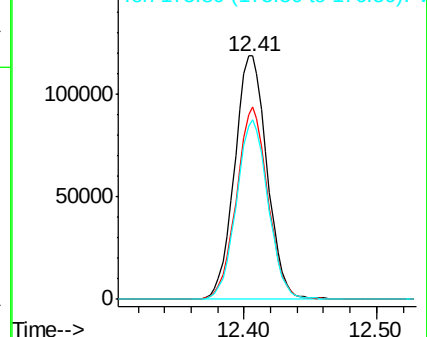
176 72.0 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN057802.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN057802.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN057802.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN057960.D

Acq: 12 Sep 2019 11:14

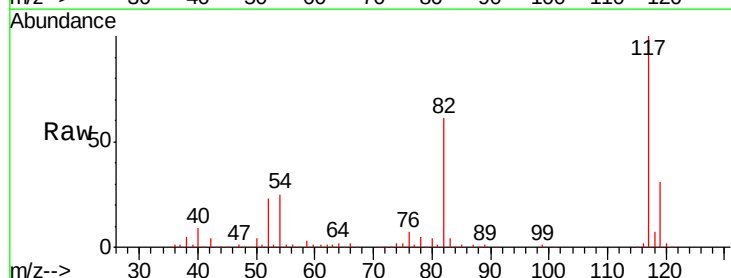
Tgt Ion: 117 Resp: 364677

Ion Ratio Lower Upper

117 100

82 61.0 47.2 70.8

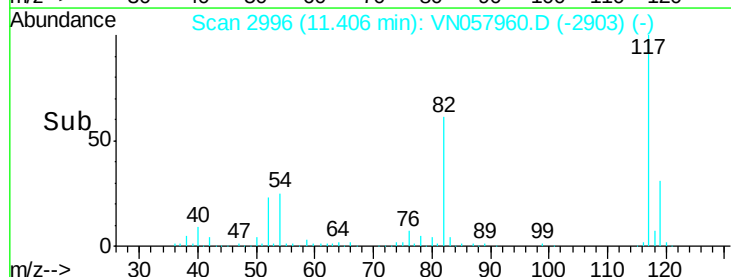
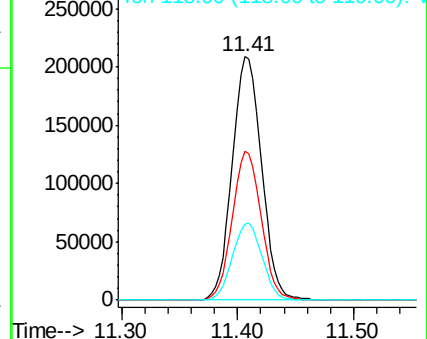
119 31.3 25.3 37.9

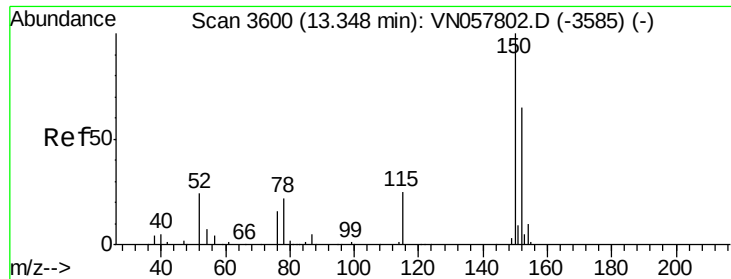


Abundance Ion 116.90 (116.60 to 117.60): VN057802.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN057802.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN057802.D (-2981) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057960.D

Acq: 12 Sep 2019 11:14

Instrument :

MSVOA_N

ClientSampleId :

PZ-3RE

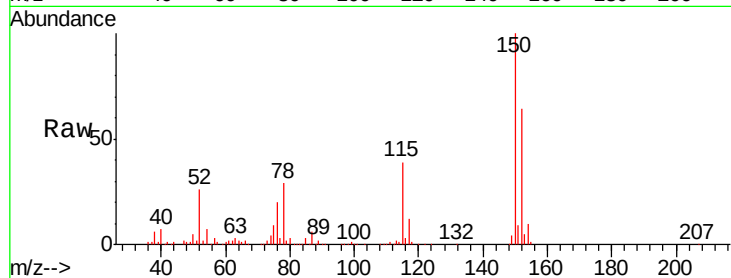
Tgt Ion:152 Resp: 193602

Ion Ratio Lower Upper

152 100

115 61.3 30.3 91.0

150 159.4 0.0 352.4



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

