

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012420\
 Data File : VN059851.D
 Acq On : 24 Jan 2020 17:27
 Operator : JC/MD
 Sample : L1247-38
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-19-18-COMP

Quant Time: Jan 25 01:24:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

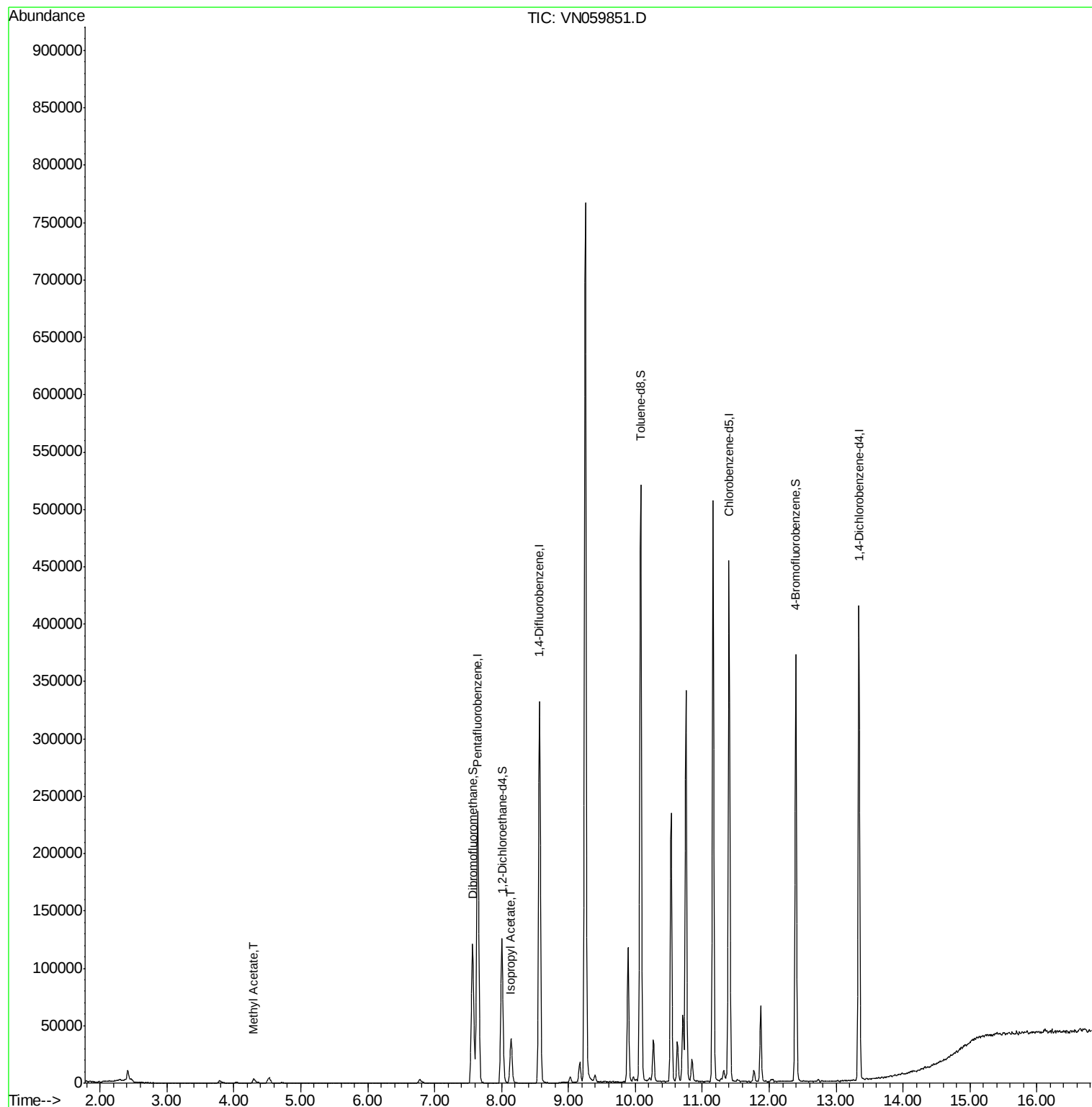
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	206010	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	307195	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	275743	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	116762	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	107312	46.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.82%	
35) Dibromofluoromethane	7.57	113	93421	51.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.00%	
50) Toluene-d8	10.08	98	363402	51.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.40%	
62) 4-Bromofluorobenzene	12.40	95	121940	47.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.32%	
Target Compounds						
18) Methyl Acetate	4.30	43	7106	2.659	ug/l	98
43) Isopropyl Acetate	8.14	43	45863	10.627	ug/l #	91

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059851.D

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Instrument :

MSVOA_N

ClientSampleId :

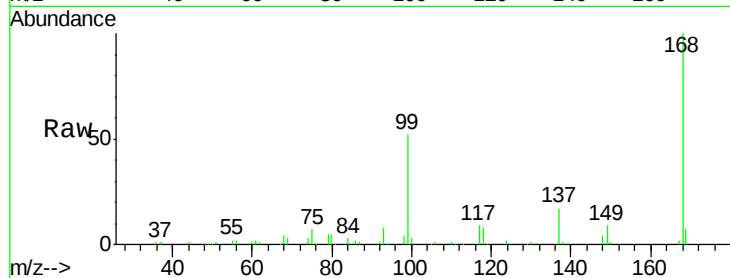
TP-19-18-COMP

Tot Ion:168 Resp: 206010

Ion Ratio Lower Upper

168 100

99 51.6 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

80000

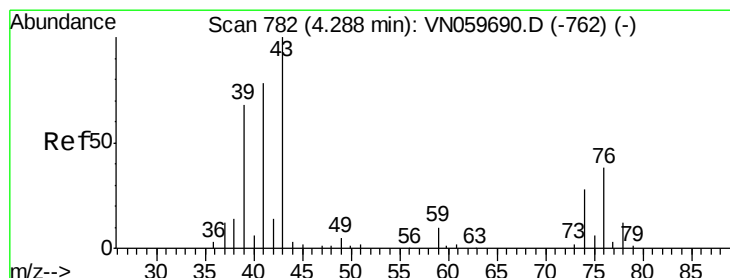
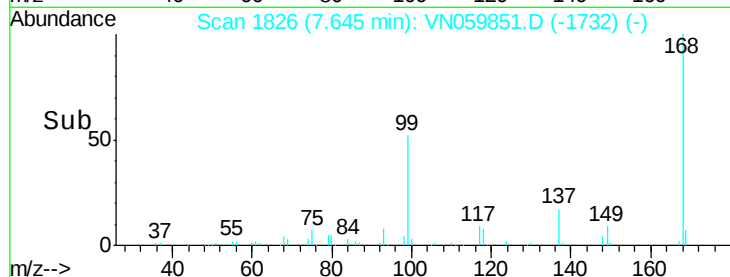
60000

40000

20000

0

Time--> 7.50 7.60 7.70 7.80



#18

Methyl Acetate

Concen: 2.659 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.01 min

Lab File: VN059851.D

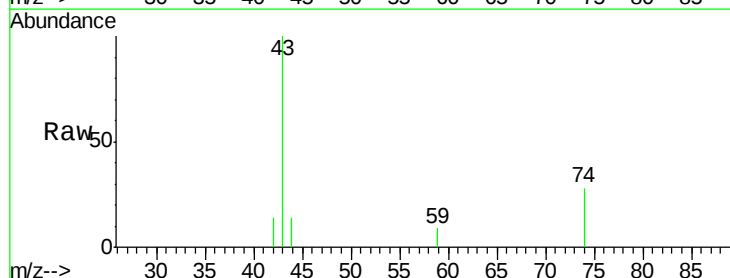
Acq: 24 Jan 2020 17:27

Tgt Ion: 43 Resp: 7106

Ion Ratio Lower Upper

43 100

74 20.8 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO

4.30

2500

2000

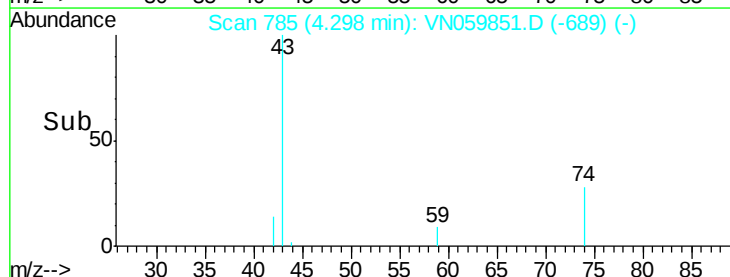
1500

1000

500

0

Time--> 4.20 4.25 4.30 4.35 4.40

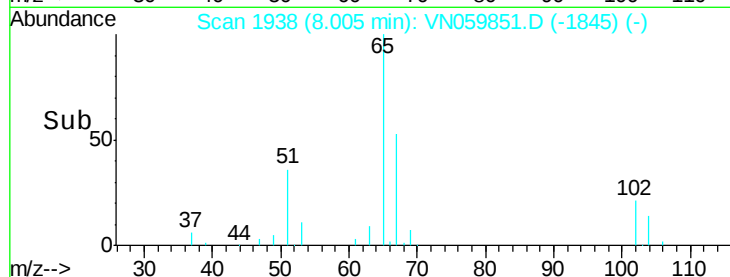
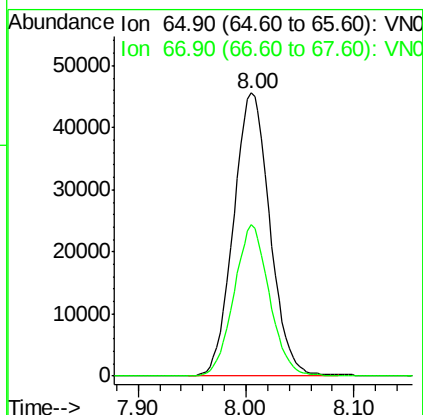
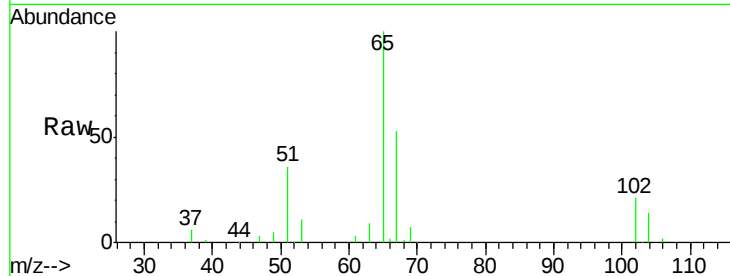




#33
 1,2-Dichloroethane-d4
 Concen: 46.906 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN059851.D
 Acq: 24 Jan 2020 17:27

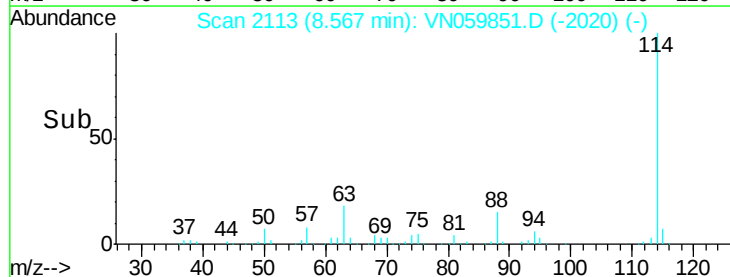
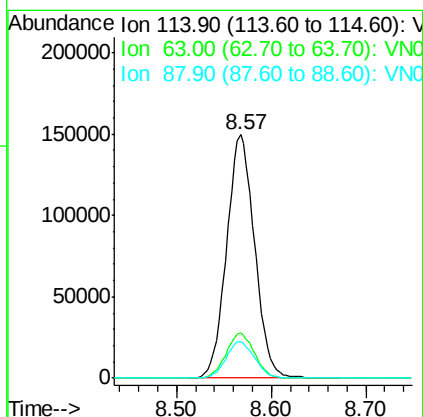
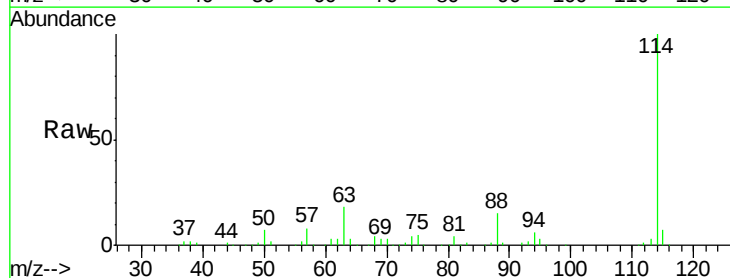
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-19-18-COMP

Tot Ion: 65 Resp: 107312
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059851.D
 Acq: 24 Jan 2020 17:27

Tgt Ion: 114 Resp: 307195
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 43.6
 88 15.0 0.0 31.4

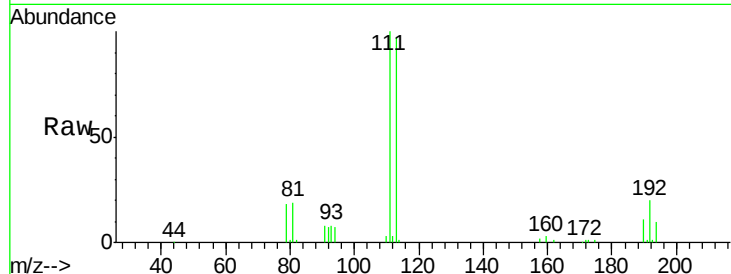




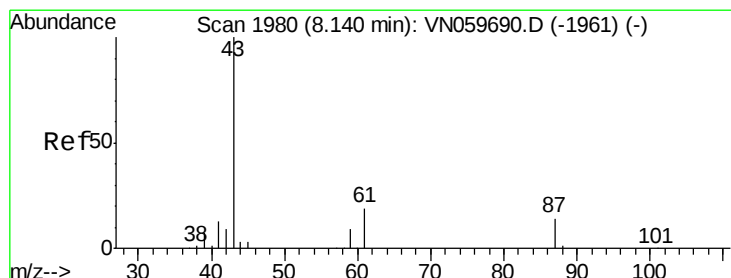
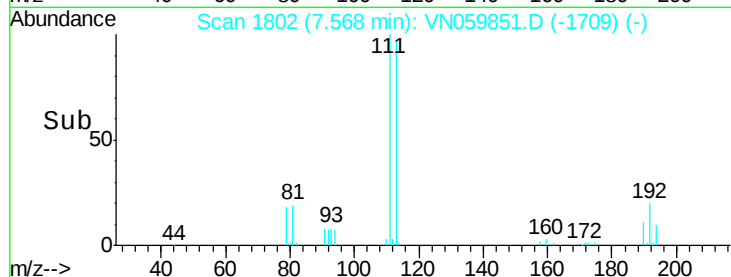
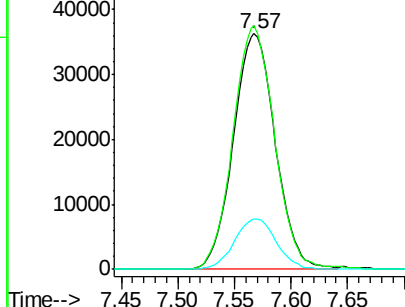
#35
 Dibromofluoromethane
 Concen: 50.996 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059851.D
 Acq: 24 Jan 2020 17:27

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-19-18-COMP

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.5	125.3
192	21.2	15.4	23.2

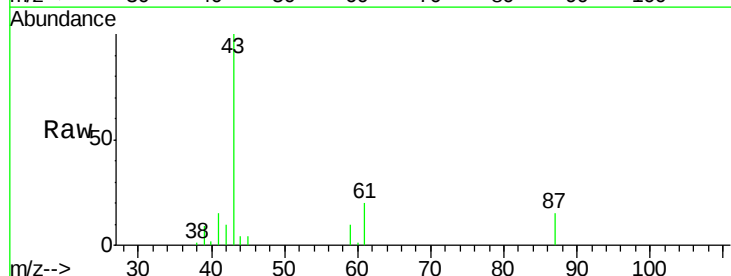


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

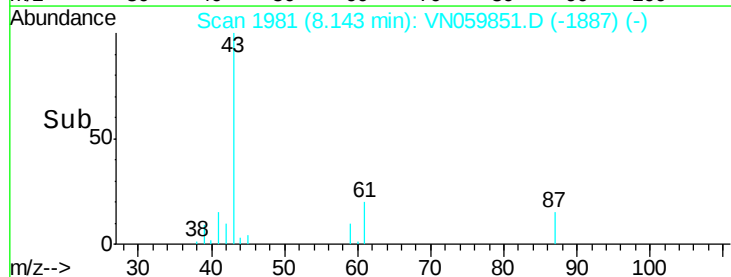
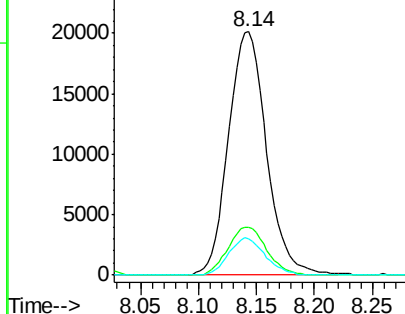


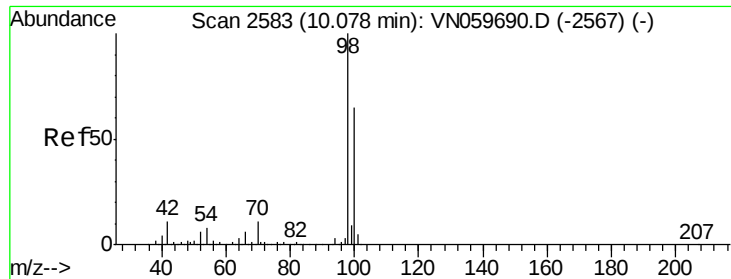
#43
 Isopropyl Acetate
 Concen: 10.627 ug/l
 RT: 8.14 min Scan# 1981
 Delta R.T. 0.00 min
 Lab File: VN059851.D
 Acq: 24 Jan 2020 17:27

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.9	20.2	30.2#
87	14.5	9.5	14.3#



Abundance Ion 43.00 (42.70 to 43.70): VNO
 Ion 61.00 (60.70 to 61.70): VNO
 Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 51.199 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059851.D

Acq: 24 Jan 2020 17:27

Instrument :

MSVOA_N

ClientSampleId :

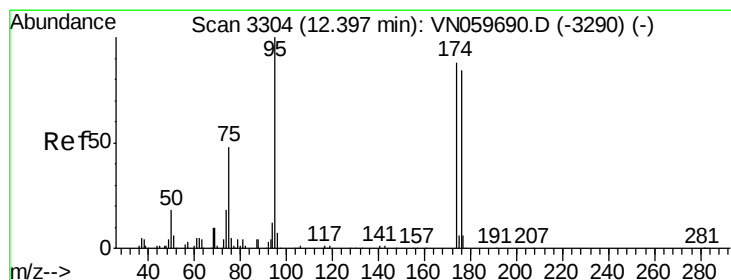
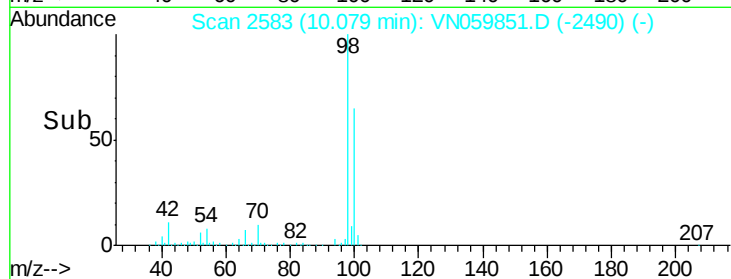
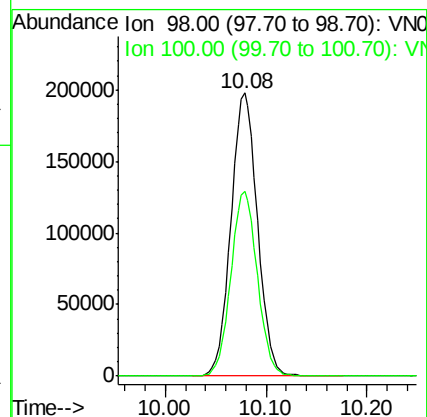
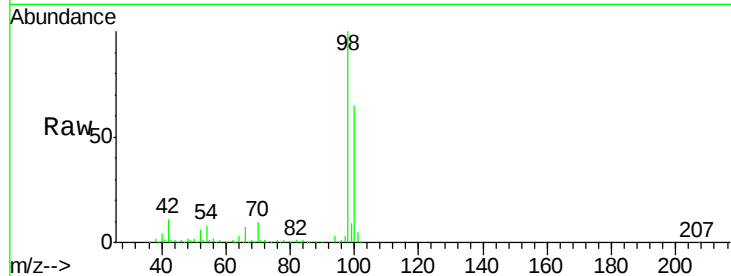
TP-19-18-COMP

Tot Ion: 98 Resp: 363402

Ion Ratio Lower Upper

98 100

100 65.0 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 47.656 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059851.D

Acq: 24 Jan 2020 17:27

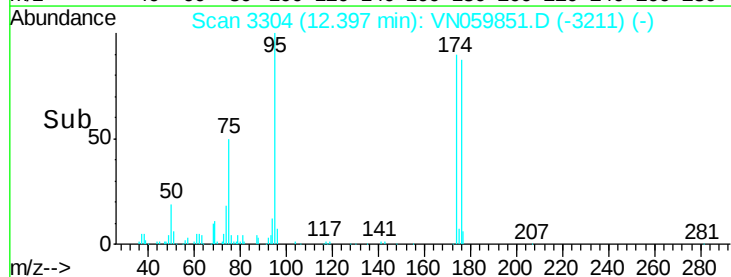
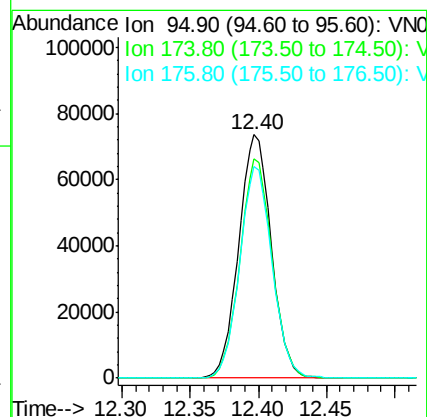
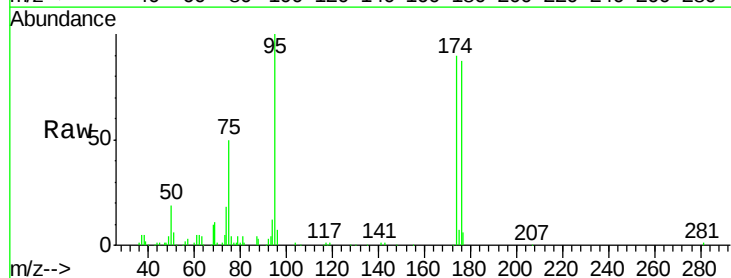
Tgt Ion: 95 Resp: 121940

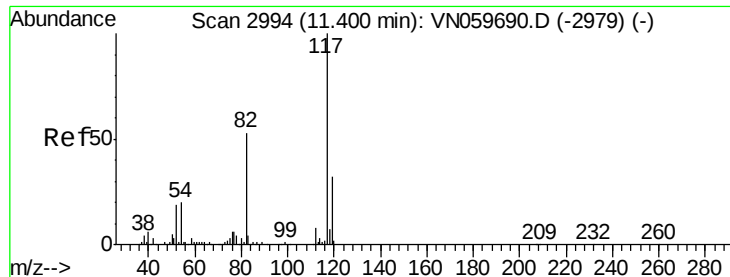
Ion Ratio Lower Upper

95 100

174 88.9 0.0 151.4

176 86.5 0.0 146.0

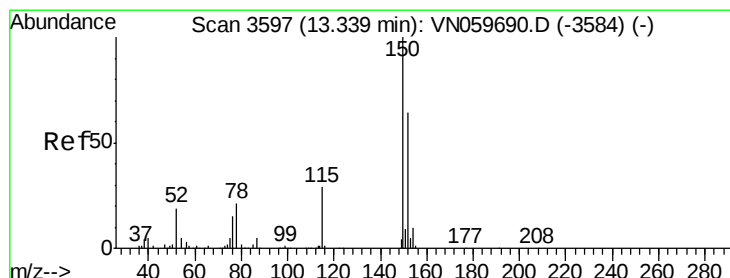
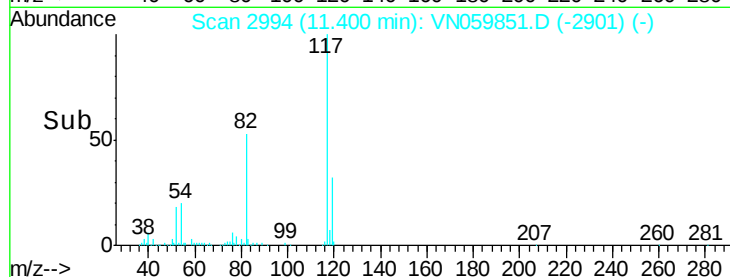
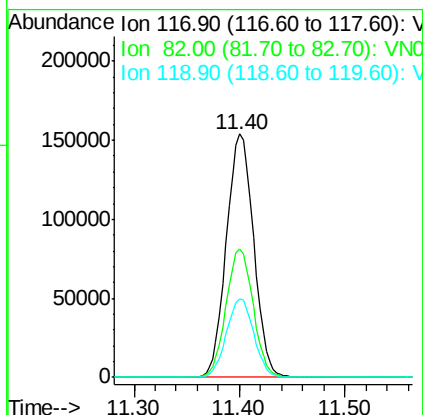
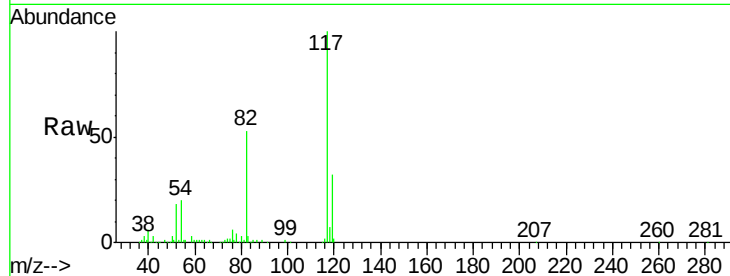




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059851.D
Acq: 24 Jan 2020 17:27

Instrument :
MSVOA_N
ClientSampleId :
TP-19-18-COMP

Tot Ion:117 Resp: 275743
Ion Ratio Lower Upper
117 100
82 52.9 45.9 68.9
119 32.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059851.D
Acq: 24 Jan 2020 17:27

Tgt Ion:152 Resp: 116762
Ion Ratio Lower Upper
152 100
115 56.4 30.3 90.9
150 155.4 0.0 345.2

