

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102519\
 Data File : VN058952.D
 Acq On : 24 Oct 2019 11:54
 Operator : JC/SP
 Sample : K5504-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 55-ST-22

Quant Time: Oct 25 01:52:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N101119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 11 04:26:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.18	128	54588	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.57	114	280749	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	251995	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.01	65	150231	32.43	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	108.10%
60) 4-Bromofluorobenzene	12.41	95	102476	23.25	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	77.50%
63) Toluene-d8	10.09	98	356634	29.97	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.90%

Target Compounds

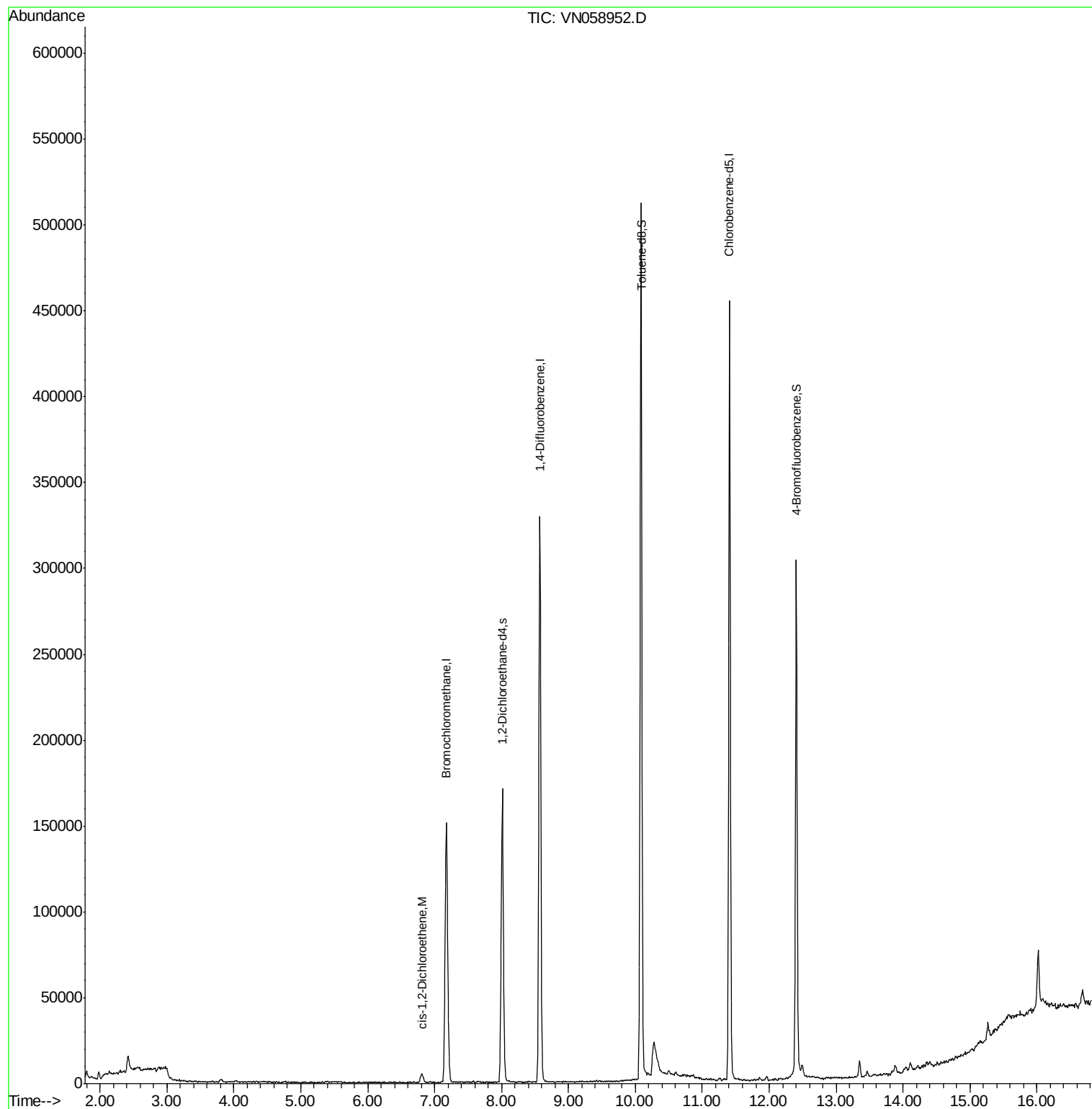
					Ovalue
22) cis-1,2-Dichloroethene	6.81	96	2270	0.612 ug/l	# 60

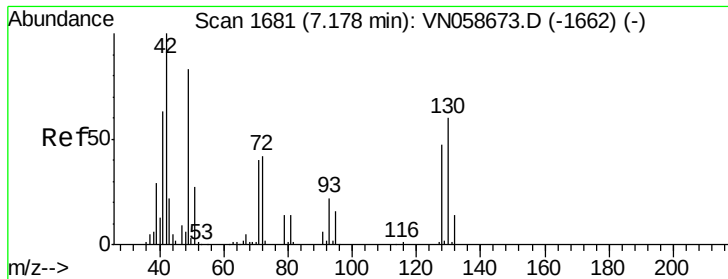
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN102519\
Data File : VN058952.D
Acq On : 24 Oct 2019 11:54
Operator : JC/SP
Sample : K5504-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
55-ST-22

Quant Time: Oct 25 01:52:36 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA N\METHODS\624N101119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Oct 11 04:26:47 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.18 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VN058952.D

Acq: 24 Oct 2019 11:54

Instrument :

MSVOA_N

ClientSampled :

55-ST-22

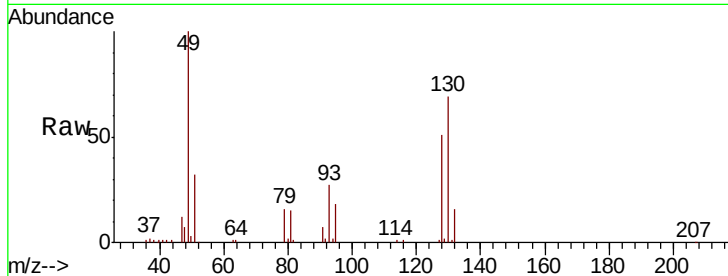
Tot Ion:128 Resp: 54588

Ion Ratio Lower Upper

128 100

49 189.4 0.0 453.5

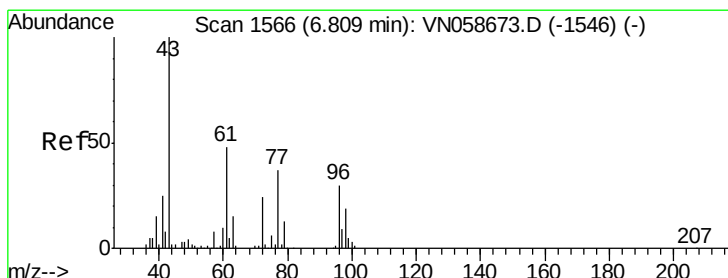
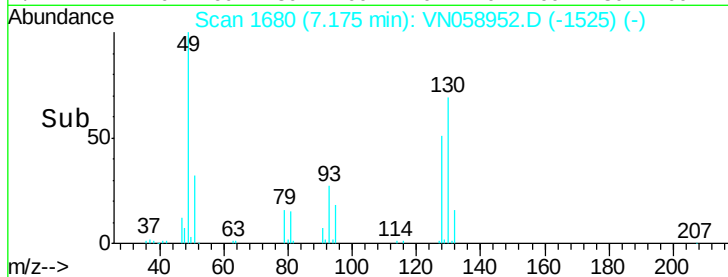
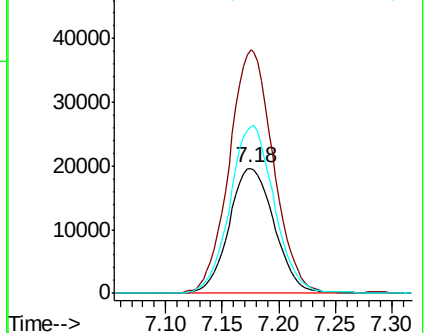
130 130.9 0.0 314.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#22

cis-1,2-Dichloroethene

Concen: 0.612 ug/l

RT: 6.81 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN058952.D

Acq: 24 Oct 2019 11:54

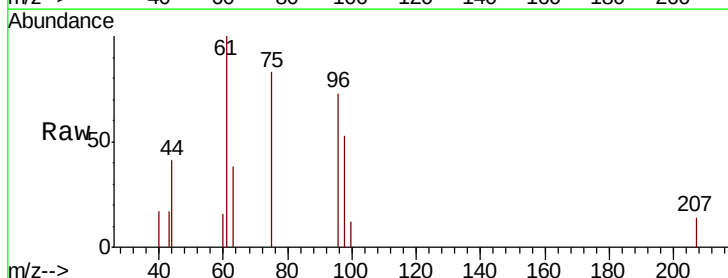
Tgt Ion: 96 Resp: 2270

Ion Ratio Lower Upper

96 100

61 87.8 127.2 190.8#

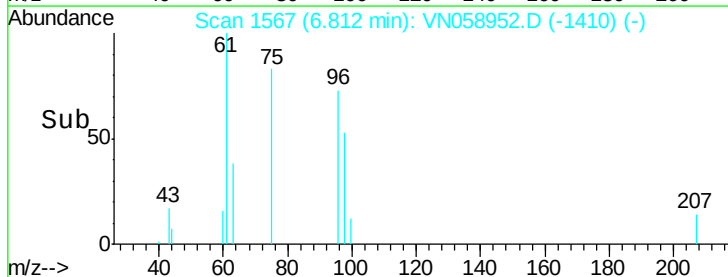
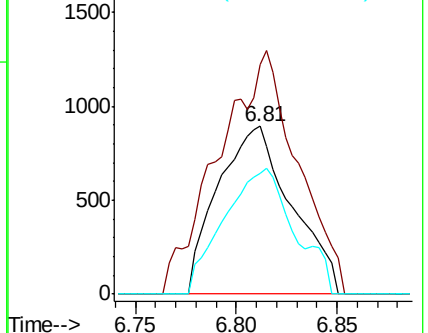
98 65.6 50.5 75.7

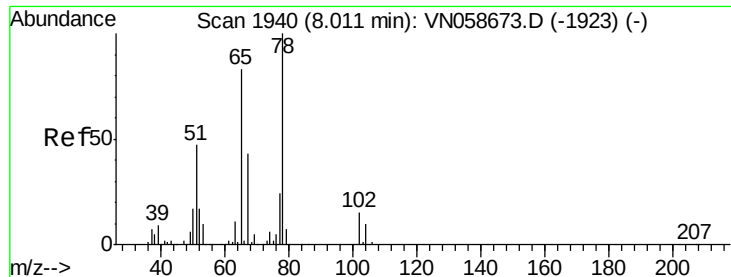


Abundance Ion 96.00 (95.70 to 96.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 98.00 (97.70 to 98.70): VN0





#27

1,2-Dichloroethane-d4

Concen: 32.426 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. 0.00 min

Lab File: VN058952.D

Acq: 24 Oct 2019 11:54

Instrument :

MSVOA_N

ClientSampleId :

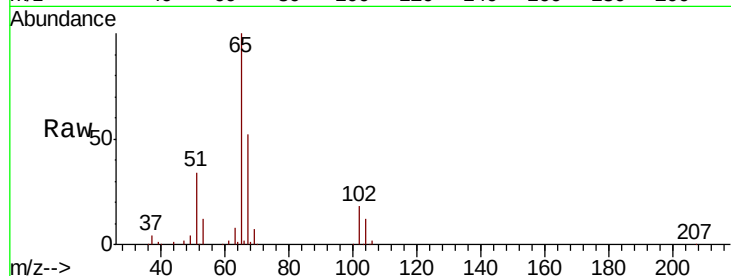
55-ST-22

Tot Ion: 65 Resp: 150231

Ion Ratio Lower Upper

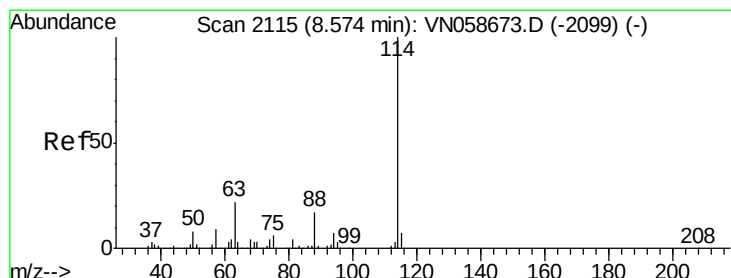
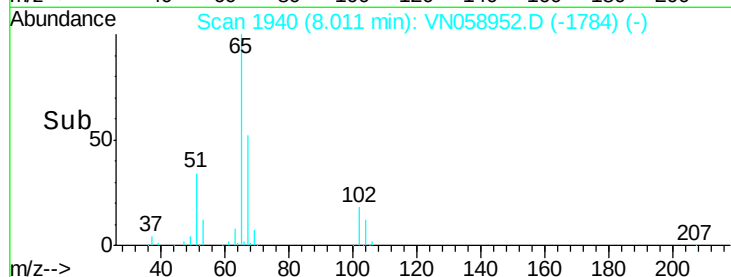
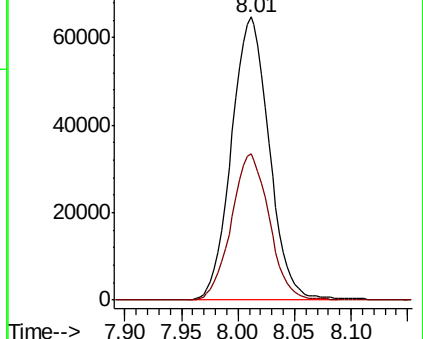
65 100

67 51.6 41.5 62.3



Abundance Ion 65.00 (64.70 to 65.70): VN058673.D (-1923) (-)

Ion 67.00 (66.70 to 67.70): VN058673.D (-1923) (-)



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. 0.00 min

Lab File: VN058952.D

Acq: 24 Oct 2019 11:54

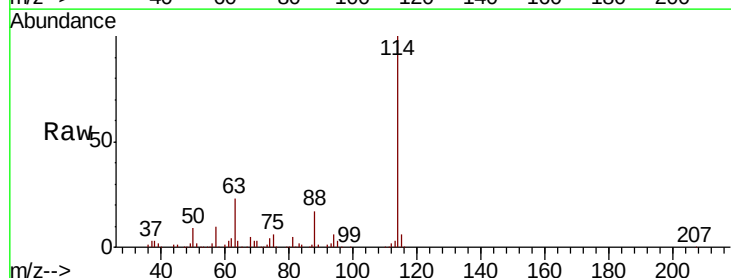
Tgt Ion: 114 Resp: 280749

Ion Ratio Lower Upper

114 100

63 22.9 18.1 27.1

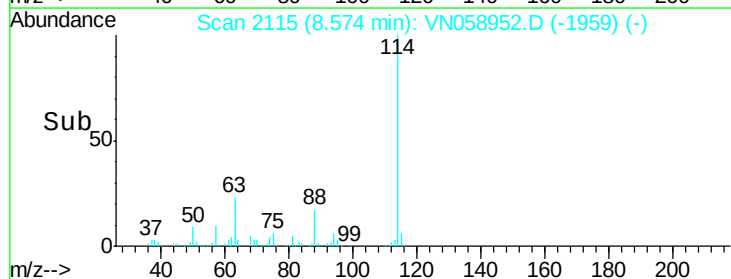
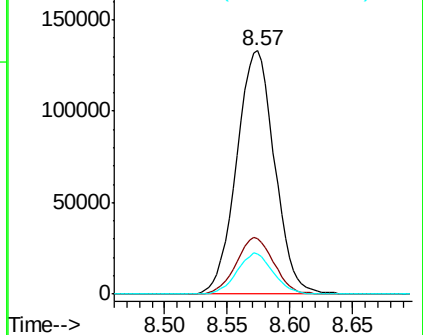
88 16.0 13.0 19.4

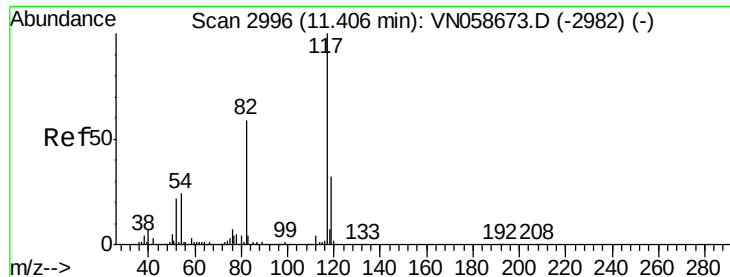


Abundance Ion 114.00 (113.70 to 114.70): VN058673.D (-2099) (-)

Ion 63.00 (62.70 to 63.70): VN058673.D (-2099) (-)

Ion 88.00 (87.70 to 88.70): VN058673.D (-2099) (-)

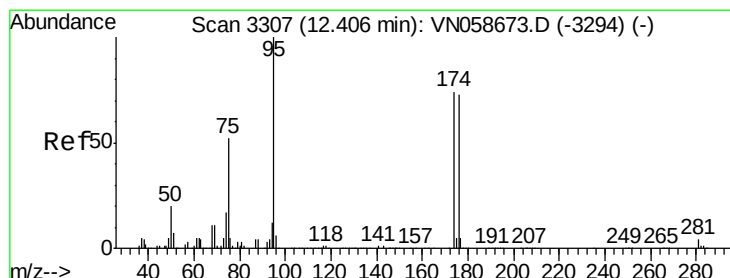
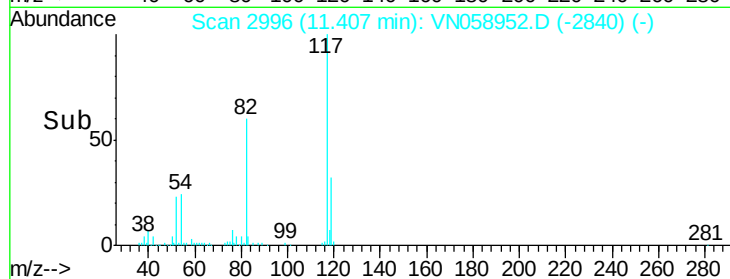
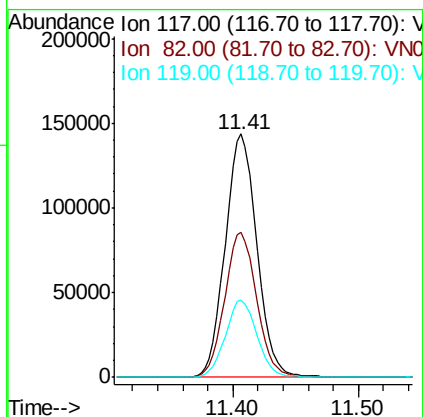
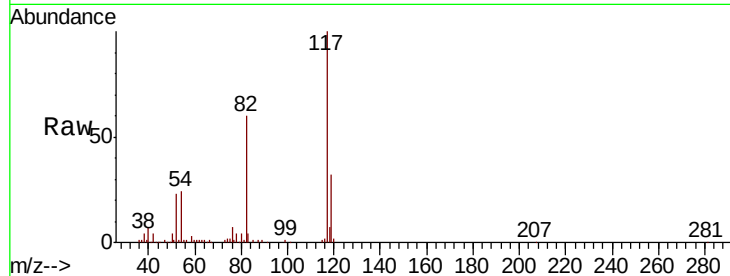




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058952.D
Acq: 24 Oct 2019 11:54

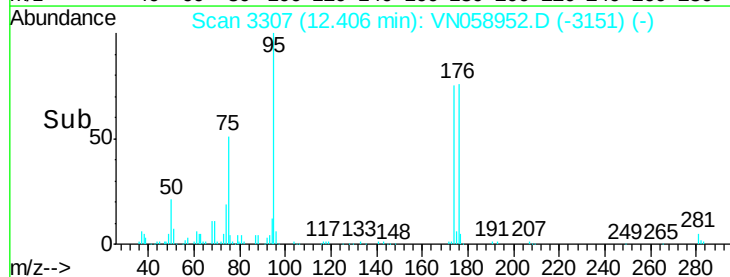
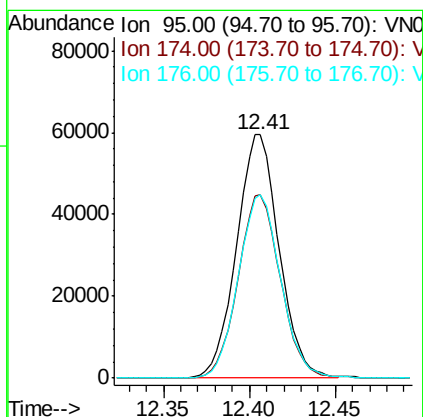
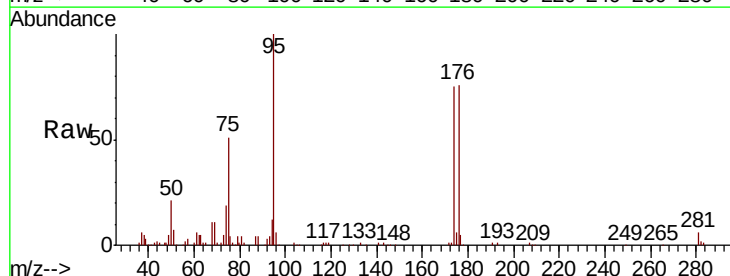
Instrument :
MSVOA_N
ClientSampleId :
55-ST-22

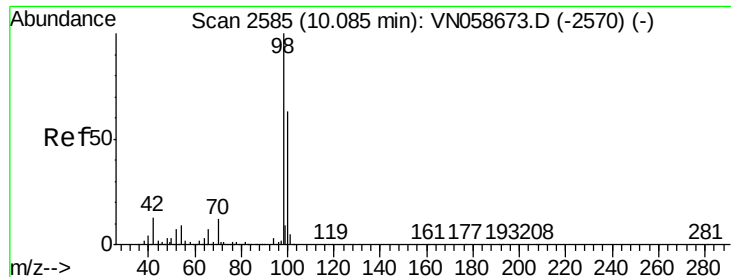
Tot Ion	Ratio	Lower	Upper
117	100		
82	60.3	46.9	70.3
119	31.8	25.8	38.6



#60
4-Bromofluorobenzene
Concen: 23.247 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058952.D
Acq: 24 Oct 2019 11:54

Tgt Ion	Ratio	Lower	Upper
95	100		
174	75.1	59.9	89.9
176	75.1	58.3	87.5





#63

Toluene-d8

Concen: 29.974 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058952.D

Acq: 24 Oct 2019 11:54

Instrument :

MSVOA_N

ClientSampleId :

55-ST-22

Tot Ion: 98 Resp: 356634

Ion Ratio Lower Upper

98 100

100 61.9 50.6 75.8

