

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101119\
 Data File : VN058678.D
 Acq On : 10 Oct 2019 20:46
 Operator : JC/SP
 Sample : K5307-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 391009765-TRIP-BLANK

Manual Integrations
 APPROVED

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 10/11/2019 2:47:28 PM

Quant Time: Oct 11 08:53:23 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	70494	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.57	114	392369	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	343585	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.01	65	189263	31.63	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	105.43%
60) 4-Bromofluorobenzene	12.40	95	163408	27.19	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	90.63%
63) Toluene-d8	10.09	98	483839	29.82	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.40%

Target Compounds

					Ovalue
15) Acetone	3.80	58	96463	139.759	ug/l 95
24) Methyl tert-Butyl Ether	5.01	73	7274m	0.529	ug/l

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

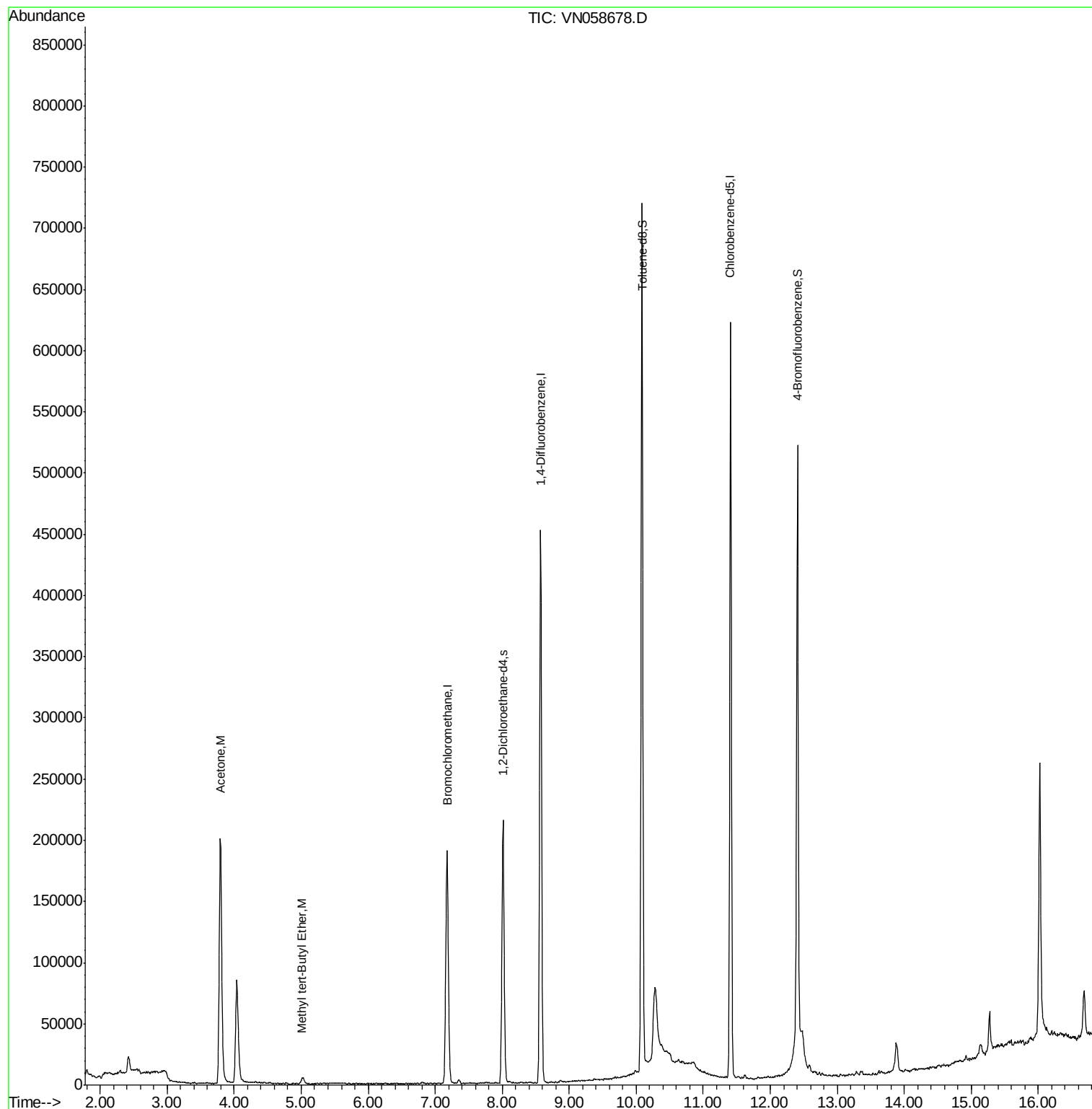
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN101119\
Data File : VN058678.D
Acq On : 10 Oct 2019 20:46
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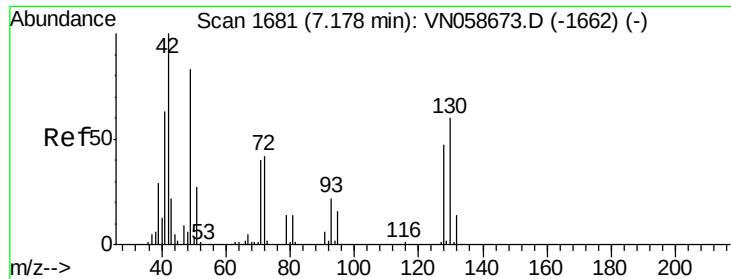
Instrument :
MSVOA_N
ClientSampleId :
391009765-TRIP-BLANK

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Quant Time: Oct 11 08:53:23 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# 1681

Delta R.T. 0.00 min

Lab File: VN058678.D

Acq: 10 Oct 2019 20:46

Instrument :

MSVOA_N

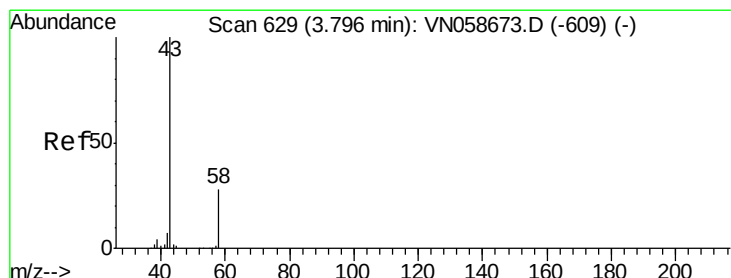
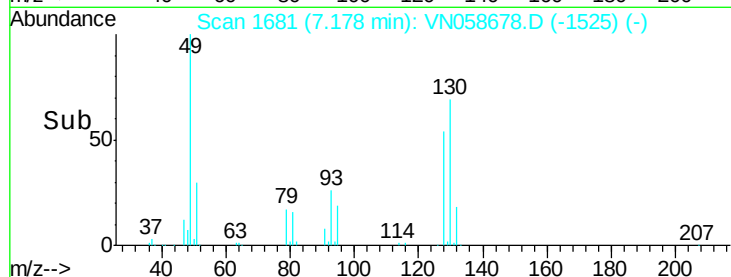
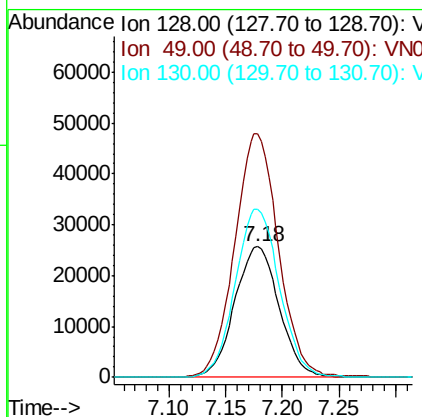
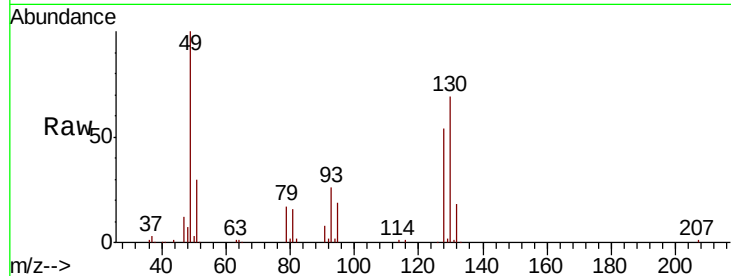
ClientSampleId :

391009765-TRIP-BLANK

Tot Ion:	128	Resp:	70494
Ion	Ratio	Lower	Upper
128	100		
49	182.9	0.0	453.5
130	127.8	0.0	314.2

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#15

Acetone

Concen: 139.759 ug/l

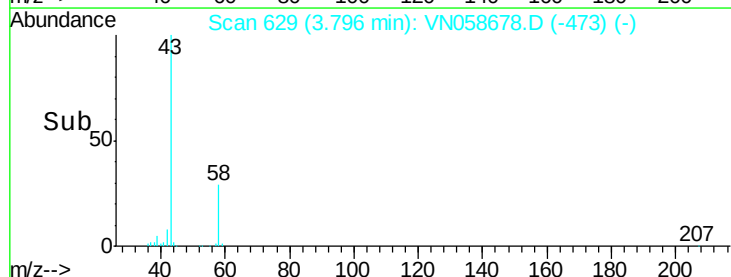
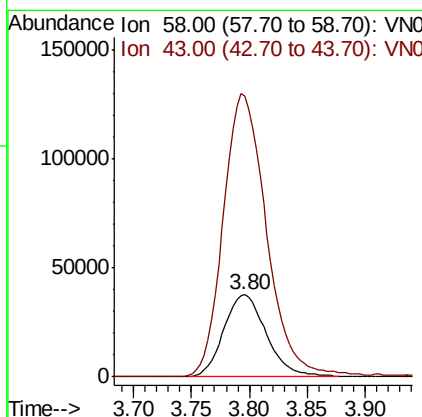
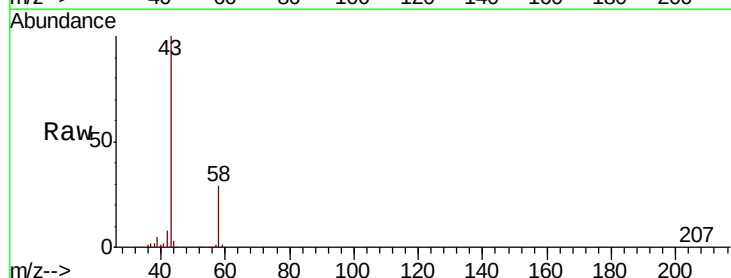
RT: 3.80 min Scan# 629

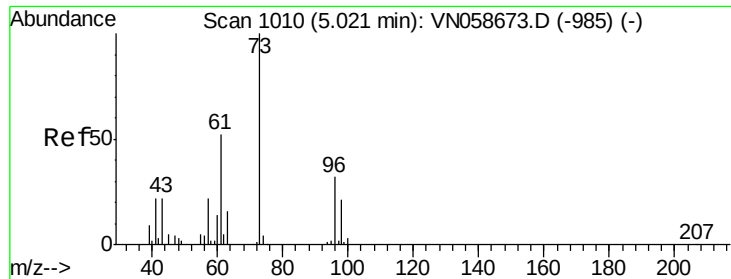
Delta R.T. 0.00 min

Lab File: VN058678.D

Acq: 10 Oct 2019 20:46

Tgt Ion:	58	Resp:	96463
Ion	Ratio	Lower	Upper
58	100		
43	341.2	281.7	422.5





#24

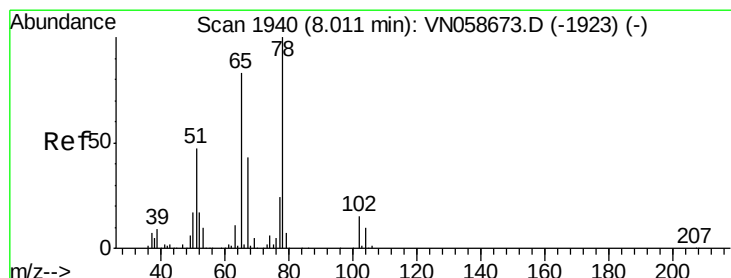
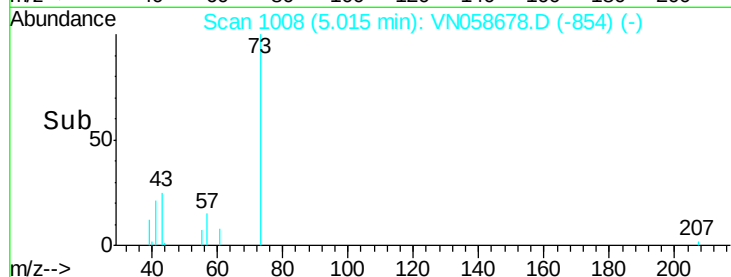
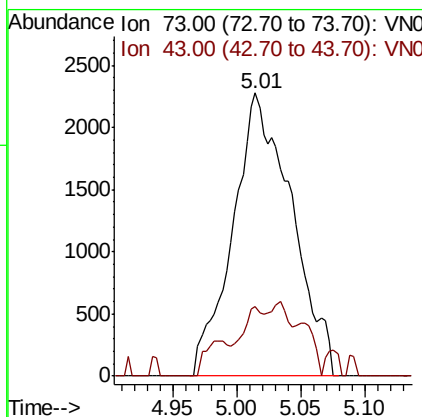
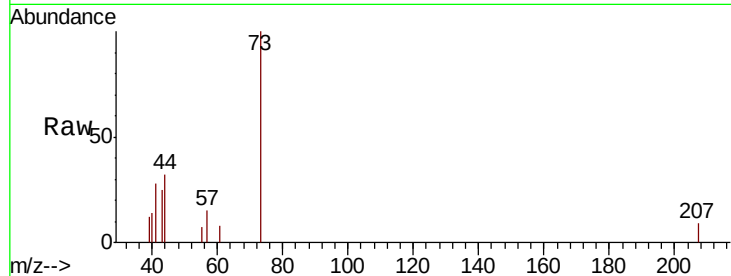
Methyl tert-Butyl Ether
 Concen: 0.529 ug/l m
 RT: 5.01 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: VN058678.D
 Acq: 10 Oct 2019 20:46

Instrument :
 MSVOA_N
 ClientSampleId :
 391009765-TRIP-BLANK

Tot Ion: 73 Resp: 7274
 Ion Ratio Lower Upper
 73 100
 43 4.5 17.9 26.9#

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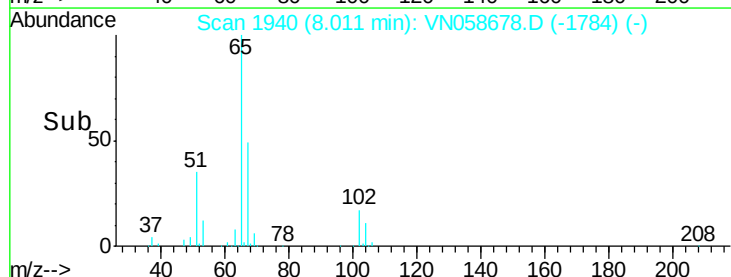
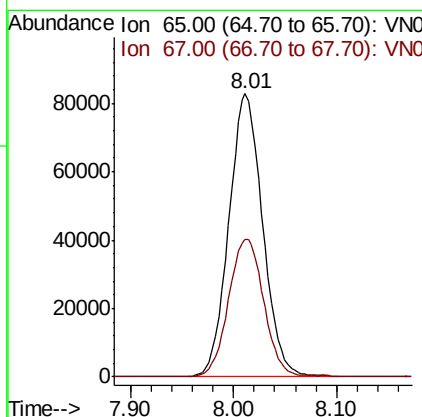
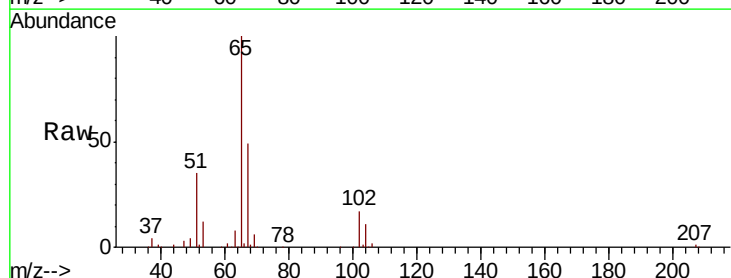
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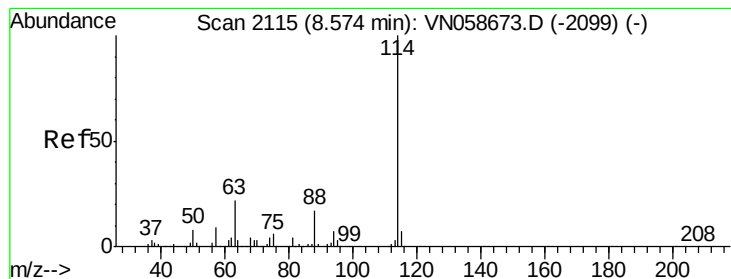


#27

1,2-Dichloroethane-d4
 Concen: 31.633 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN058678.D
 Acq: 10 Oct 2019 20:46

Tgt Ion: 65 Resp: 189263
 Ion Ratio Lower Upper
 65 100
 67 50.4 41.5 62.3





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. 0.00 min

Lab File: VN058678.D

Acq: 10 Oct 2019 20:46

Instrument :

MSVOA_N

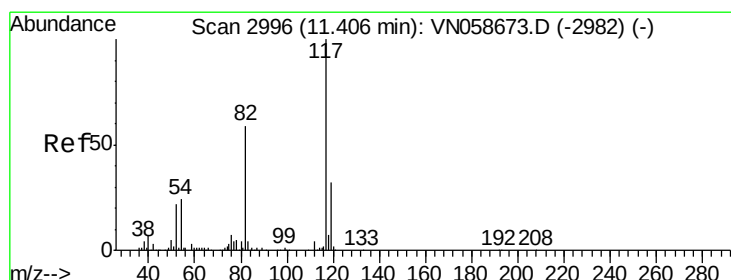
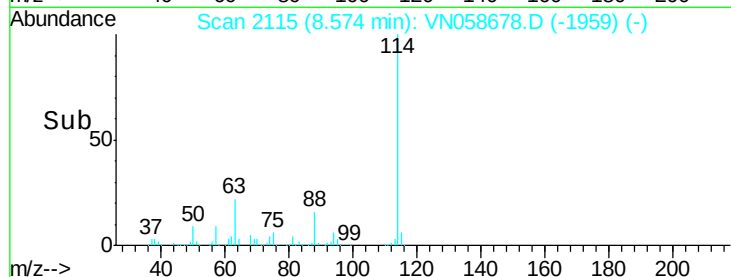
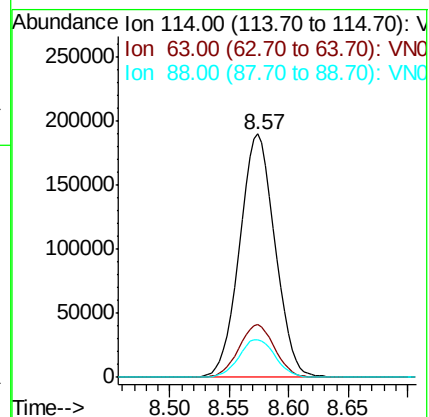
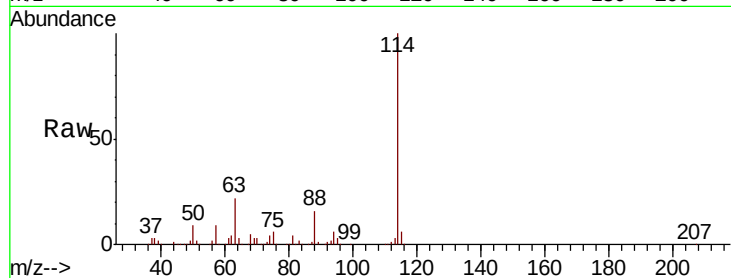
ClientSampleId :

391009765-TRIP-BLANK

Tot Ion	Ratio	Resp	Lower	Upper
114	100	392369		
63	21.9		18.1	27.1
88	15.8		13.0	19.4

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#57

Chlorobenzene-d5

Concen: 30.000 ug/l

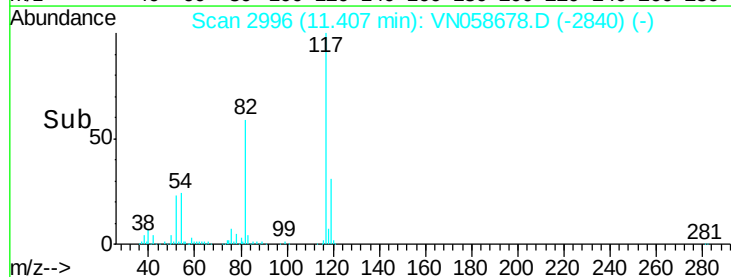
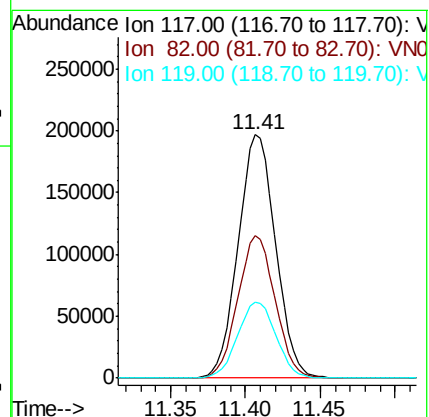
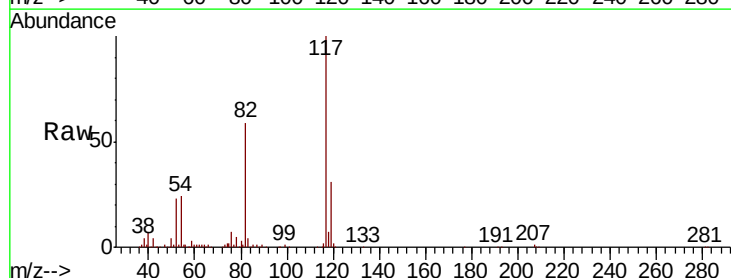
RT: 11.41 min Scan# 2996

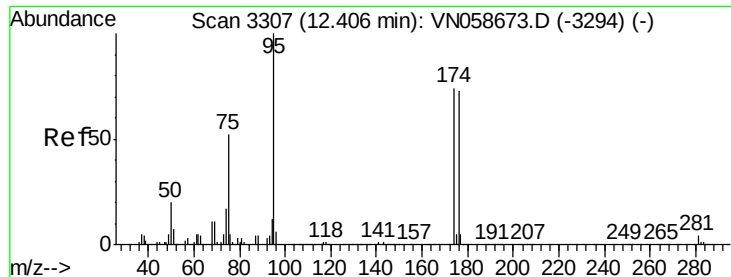
Delta R.T. 0.00 min

Lab File: VN058678.D

Acq: 10 Oct 2019 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	343585		
82	58.3		46.9	70.3
119	32.1		25.8	38.6





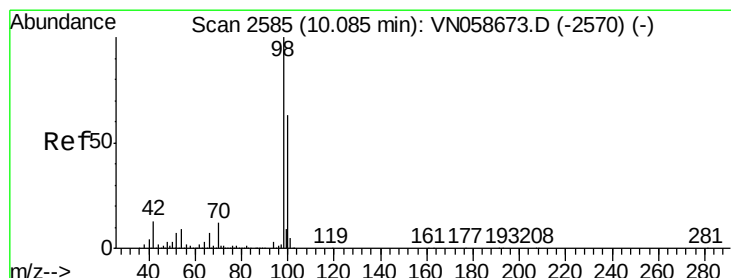
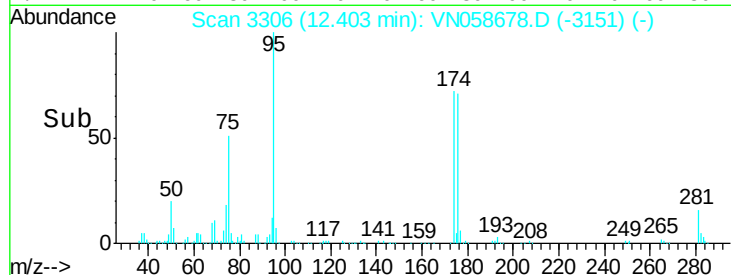
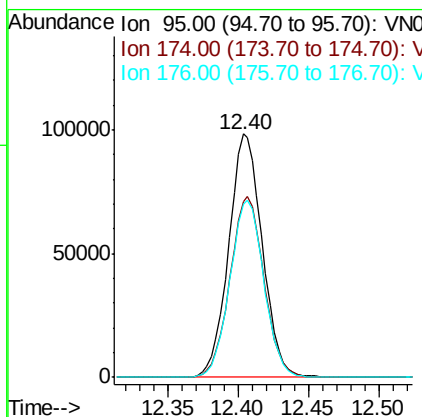
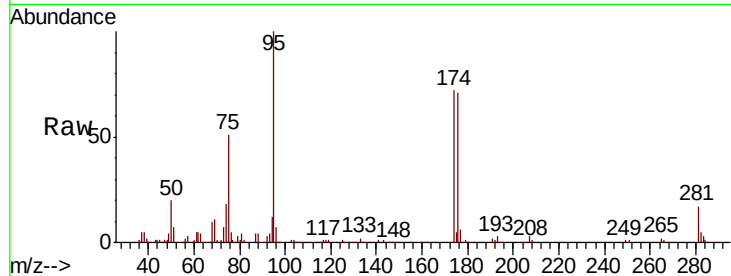
#60
4-Bromofluorobenzene
Concen: 27.188 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.00 min
Lab File: VN058678.D
Acq: 10 Oct 2019 20:46

Instrument :
MSVOA_N
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391009765-TRIP-BLANK

Tot Ion	Ratio	Lower	Upper
95	100		
174	75.3	59.9	89.9
176	73.9	58.3	87.5

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#63
Toluene-d8
Concen: 29.825 ug/l
RT: 10.09 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN058678.D
Acq: 10 Oct 2019 20:46

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	50.6	75.8

