

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091419\
 Data File : VN058007.D
 Acq On : 13 Sep 2019 10:56
 Operator : JC/SP
 Sample : K4823-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Manual Integrations
 APPROVED

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 9/16/2019 2:46:41 PM

Quant Time: Sep 14 01:54:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N090919W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Sep 09 12:14:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.18	128	68379	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	408427	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	343158	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.01	65	192133	31.77	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	105.90%
60) 4-Bromofluorobenzene	12.40	95	158059	26.92	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	89.73%
63) Toluene-d8	10.09	98	501470	30.45	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.50%

Target Compounds				Ovalue
12) Methyl Acetate	4.32	43	10383m	2.093 ug/l

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

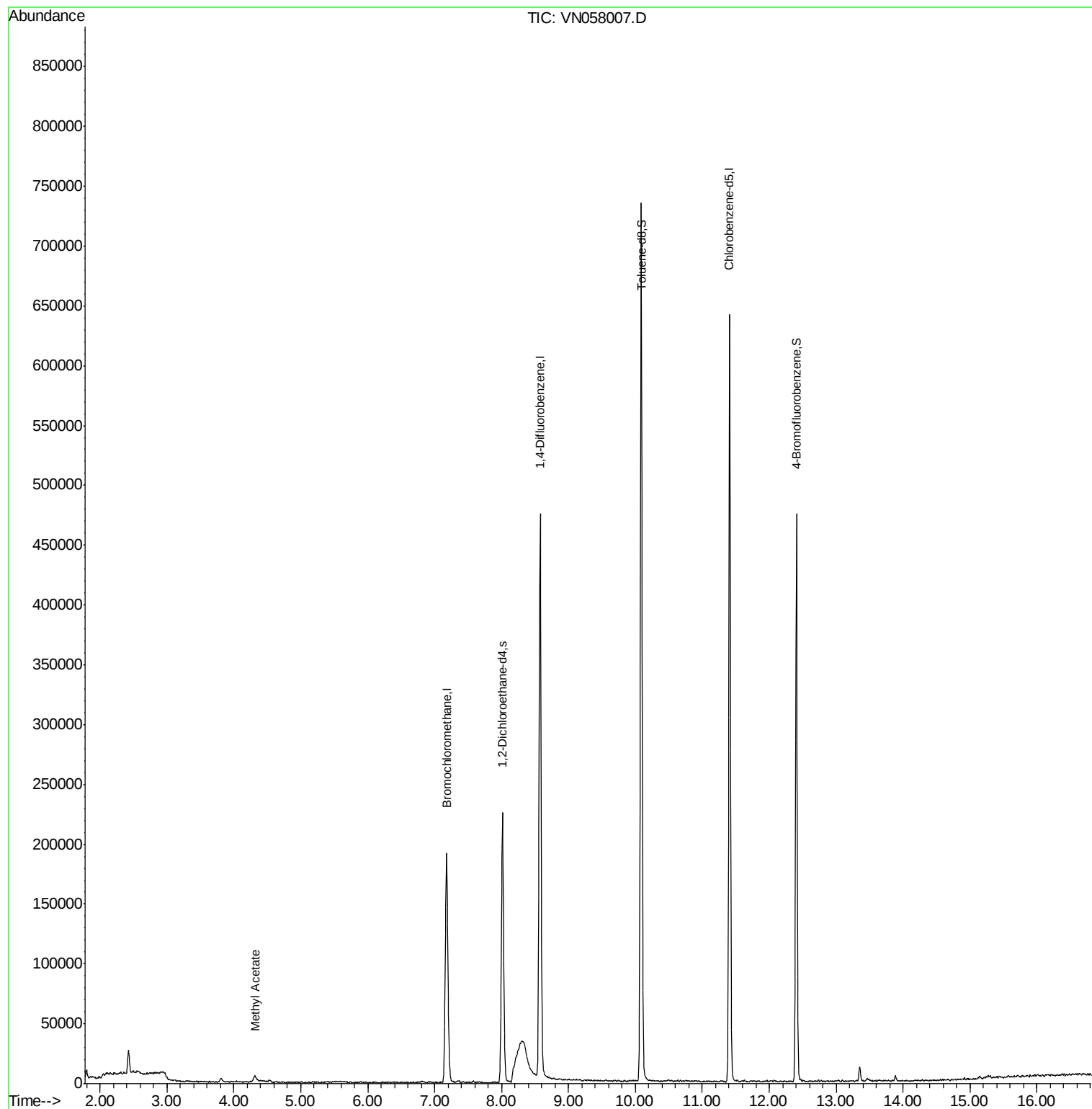
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091419\
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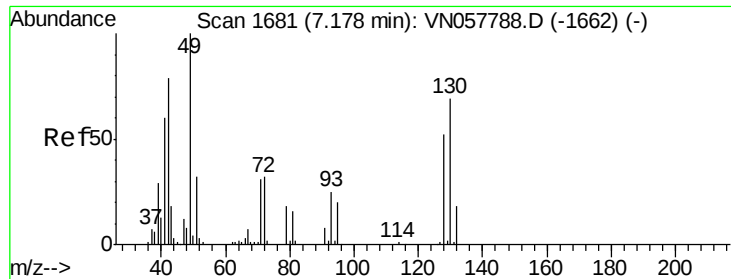
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

Manual Integrations
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Sep 09 12:14:07 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: VN058007.D

Acq: 13 Sep 2019 10:56

Instrument :

MSVOA_N

ClientSampleId :

TRIP-BLANK

Tot Ion:128 Resp: 68379

Ion Ratio Lower Upper

128 100

49 191.0 0.0 486.5

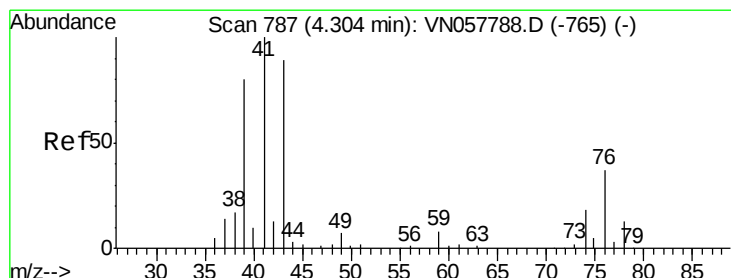
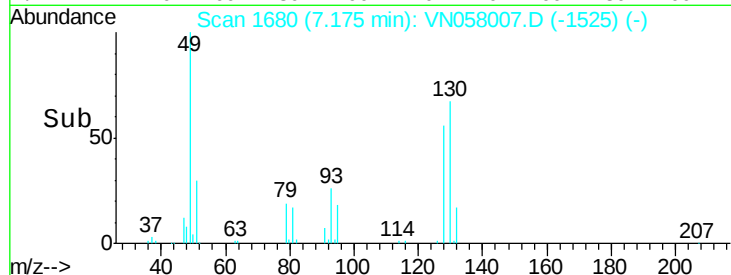
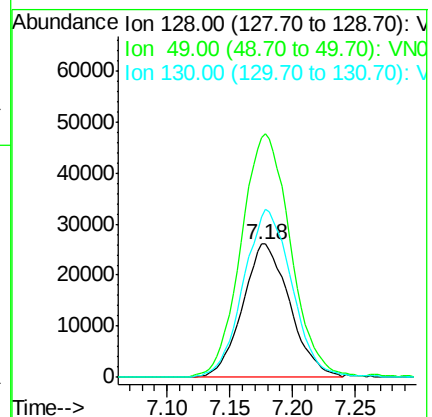
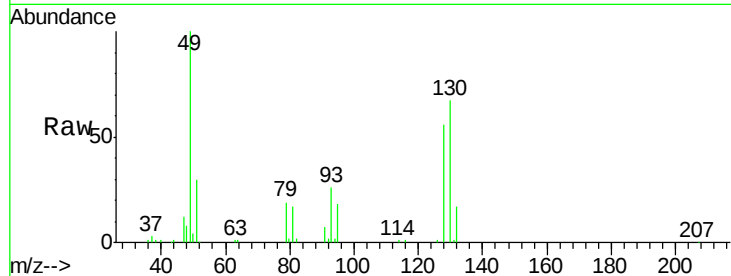
130 128.9 0.0 324.5

Manual Integrations

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#12

Methyl Acetate

Concen: 2.093 ug/l m

RT: 4.32 min Scan# 791

Delta R.T. 0.01 min

Lab File: VN058007.D

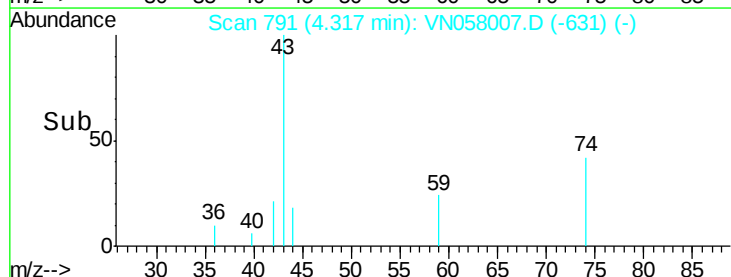
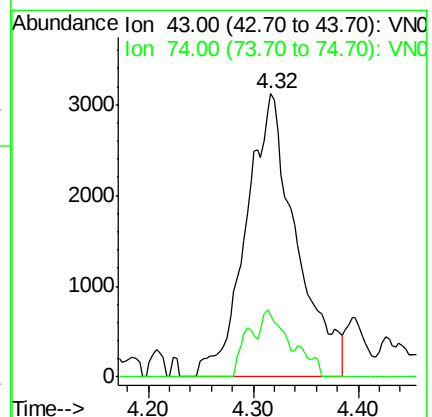
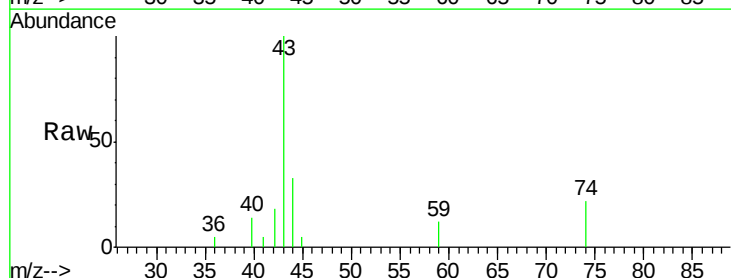
Acq: 13 Sep 2019 10:56

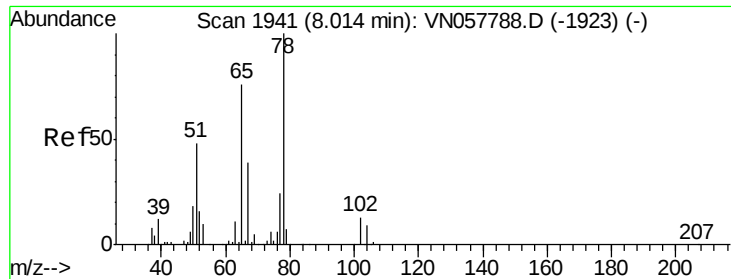
Tgt Ion: 43 Resp: 10383

Ion Ratio Lower Upper

43 100

74 21.7 16.2 24.4





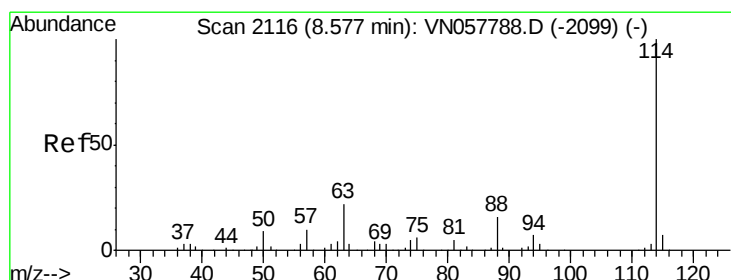
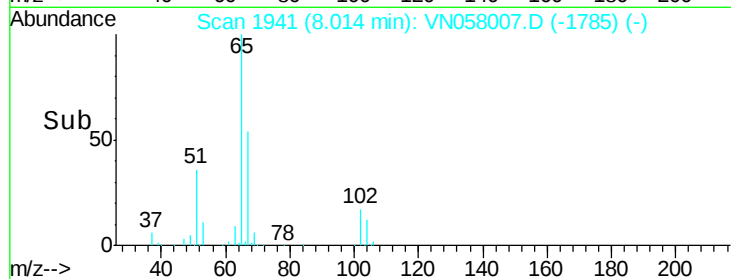
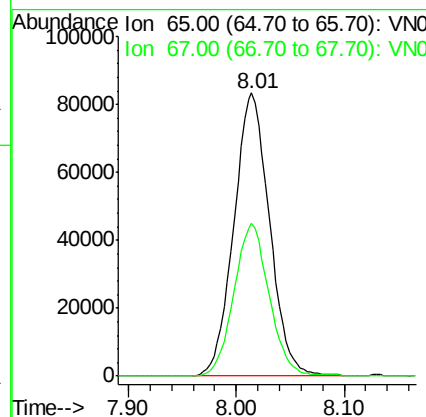
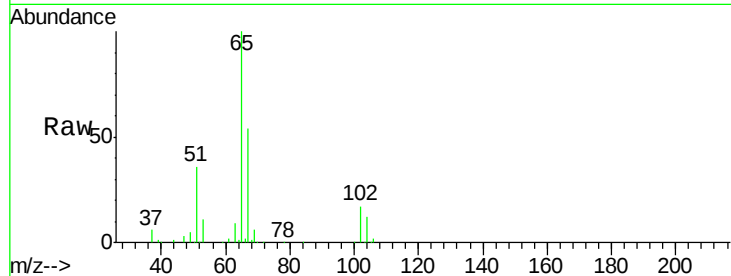
#27
 1,2-Dichloroethane-d4
 Concen: 31.766 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN058007.D
 Acq: 13 Sep 2019 10:56

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Tot Ion	Ratio	Resp	Lower	Upper
65	100	192133		
67	53.3		40.9	61.3

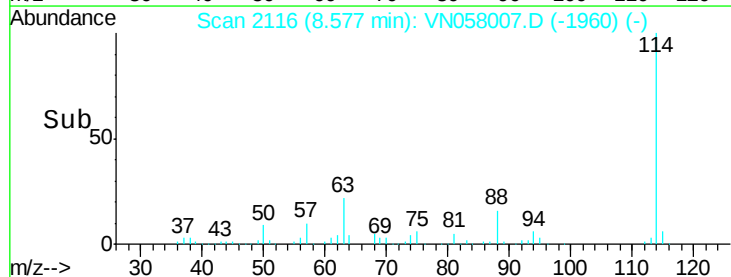
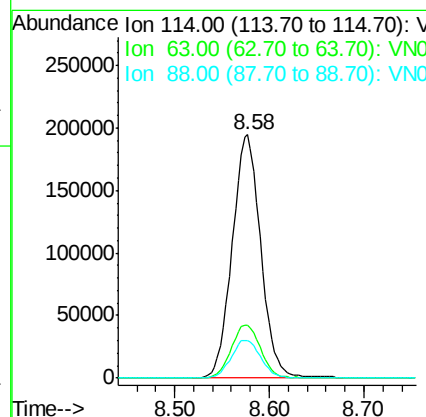
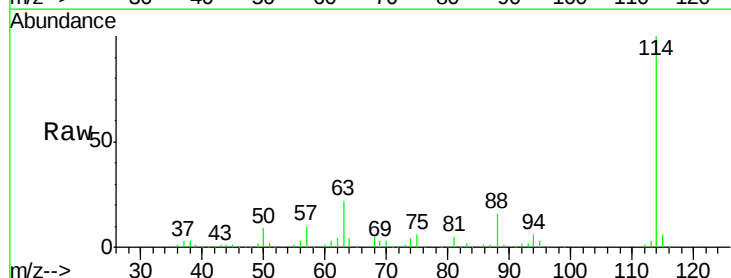
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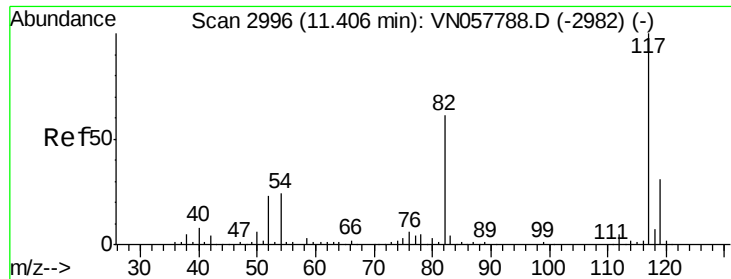
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#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN058007.D
 Acq: 13 Sep 2019 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	408427		
63	22.3		18.0	27.0
88	16.2		12.6	19.0





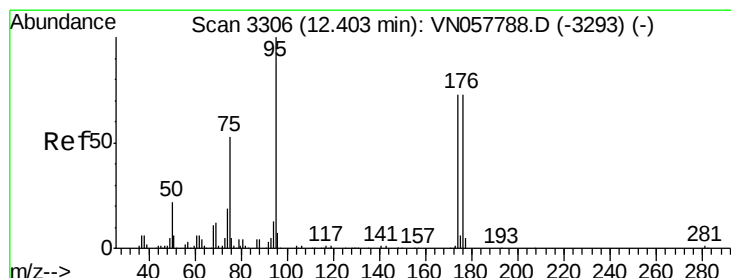
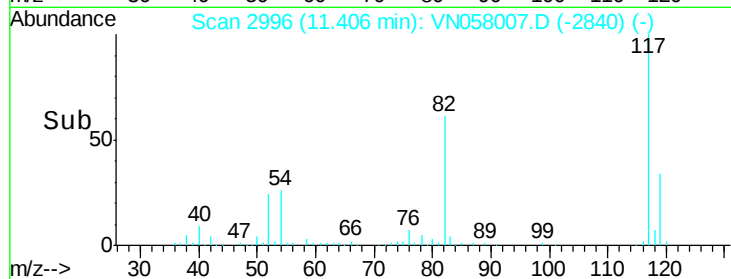
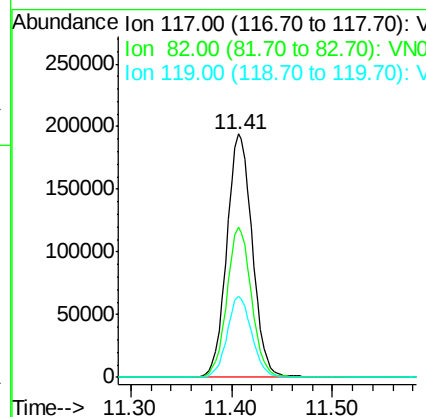
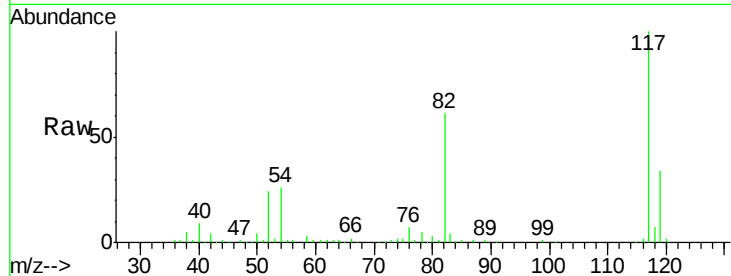
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058007.D
Acq: 13 Sep 2019 10:56

Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.5	47.6	71.4
119	32.1	25.4	38.2

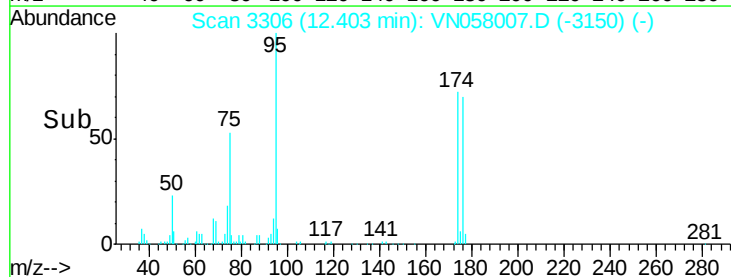
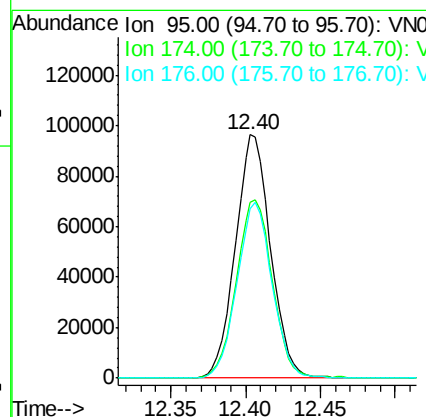
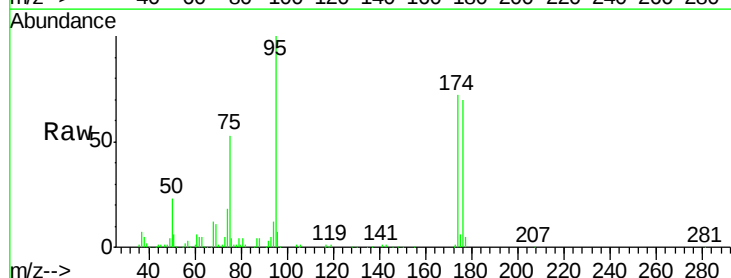
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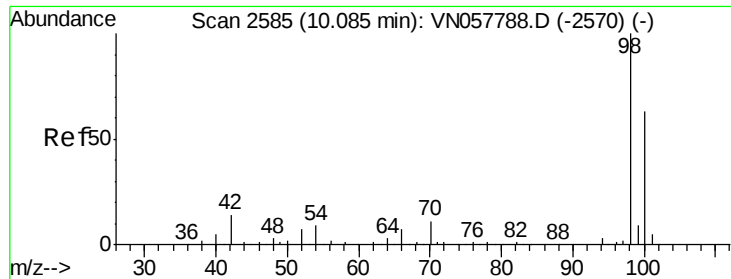
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#60
4-Bromofluorobenzene
Concen: 26.917 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN058007.D
Acq: 13 Sep 2019 10:56

Tgt Ion	Ratio	Lower	Upper
95	100		
174	74.8	59.4	89.0
176	71.8	57.4	86.0





#63
 Toluene-d8
 Concen: 30.446 ug/l
 RT: 10.09 min Scan# 2586
 Delta R.T. 0.00 min
 Lab File: VN058007.D
 Acq: 13 Sep 2019 10:56

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Tot Ion	Ratio	Lower	Upper
98	100		
100	64.3	50.3	75.5

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