

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN093019\
 Data File : VN058430.D
 Acq On : 30 Sep 2019 13:21
 Operator : JC/SP
 Sample : K5080-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-MW184I-20190924

Manual Integrations
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 10/2/2019 9:22:21 AM

Quant Time: Oct 01 08:10:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	438583	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	728670	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	608691	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	238220	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	320594	50.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.04%	
35) Dibromofluoromethane	7.57	113	225945	50.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.18%	
50) Toluene-d8	10.09	98	907080	51.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.70%	
62) 4-Bromofluorobenzene	12.41	95	282867	44.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.44%	
Target Compounds						
6) Chloroethane	2.69	64	5697	1.836	ug/l	90
12) 1,1-Dichloroethene	3.72	96	15623	3.776	ug/l	98
16) Acetone	3.80	43	13429	6.146	ug/l	89
24) 1,1-Dichloroethane	5.83	63	300069	32.907	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	2267m	0.422	ug/l	
32) 1,1,1-Trichloroethane	7.56	97	10367	1.366	ug/l #	52
44) Trichloroethene	8.82	130	3359	0.679	ug/l	95

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

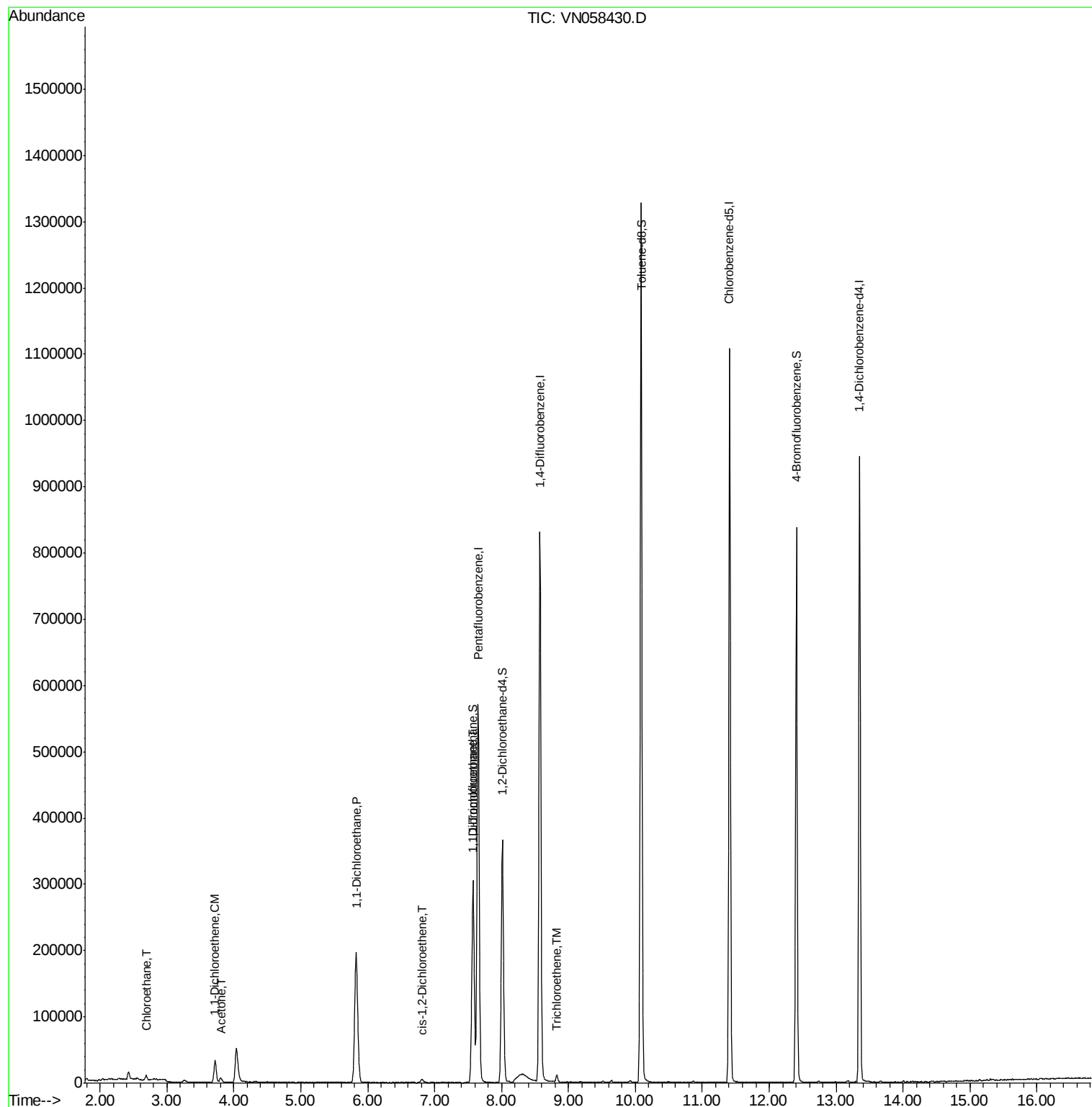
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN093019\
Data File : VN058430.D
Acq On : 30 Sep 2019 13:21
Operator : JC/SP
Sample : K5080-09
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 12 Sample Multiplier: 1

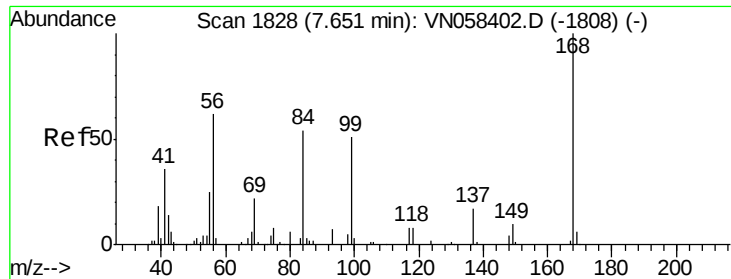
Instrument :
MSVOA_N
ClientSampleId :
SA-MW184I-20190924

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Quant Time: Oct 01 08:10:09 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 30 08:07:38 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: VN058430.D

Acq: 30 Sep 2019 13:21

Instrument :

MSVOA_N

ClientSampleId :

SA-MW184I-20190924

Tot Ion:168 Resp: 438583

Ion Ratio Lower Upper

168 100

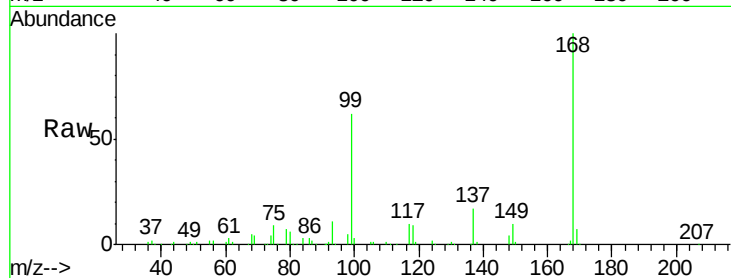
99 62.2 47.7 71.5

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

7.65

200000

150000

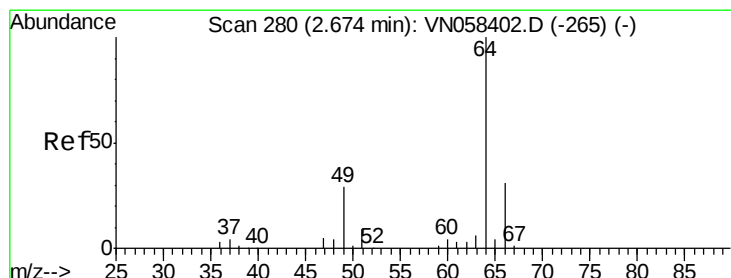
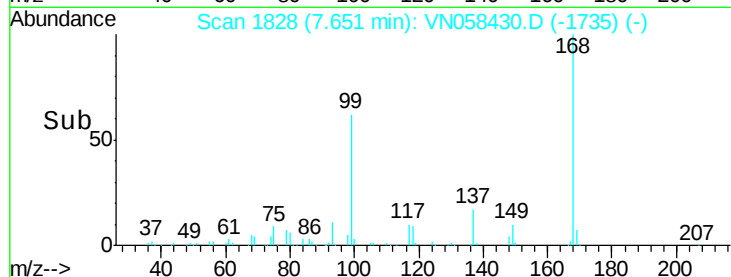
100000

50000

0

7.60 7.70

Time-->



#6

Chloroethane

Concen: 1.836 ug/l

RT: 2.69 min Scan# 285

Delta R.T. 0.02 min

Lab File: VN058430.D

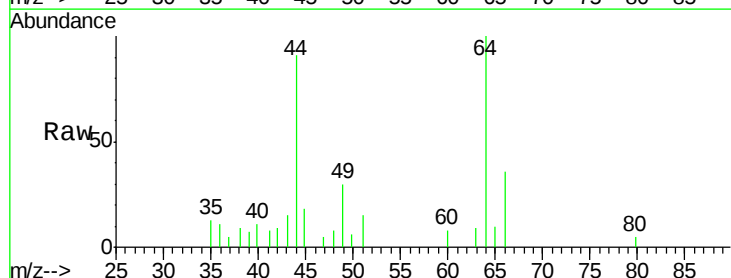
Acq: 30 Sep 2019 13:21

Tgt Ion: 64 Resp: 5697

Ion Ratio Lower Upper

64 100

66 36.2 24.4 36.6



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.69

3000

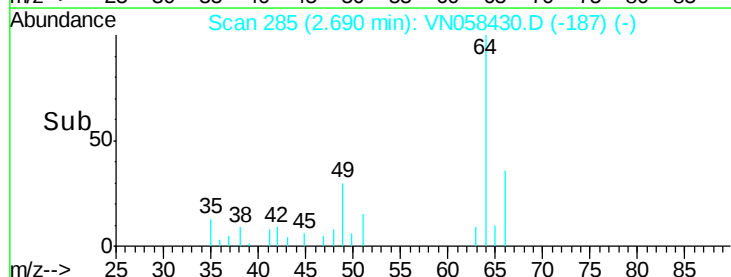
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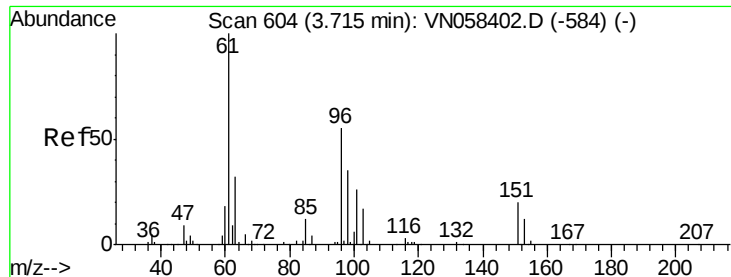
1000

0

2.65 2.70 2.75

Time-->





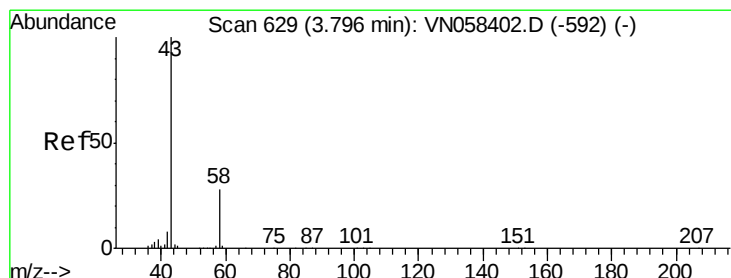
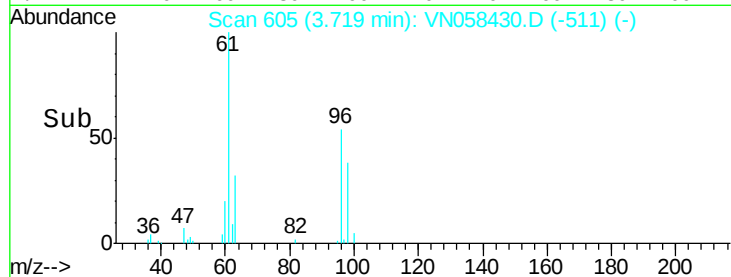
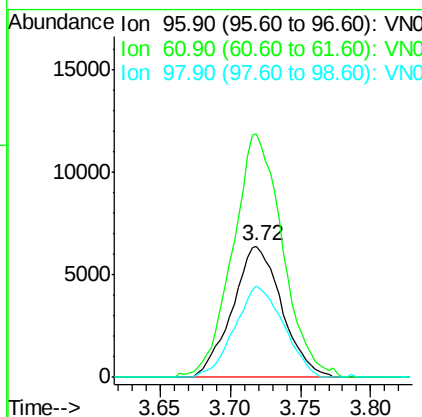
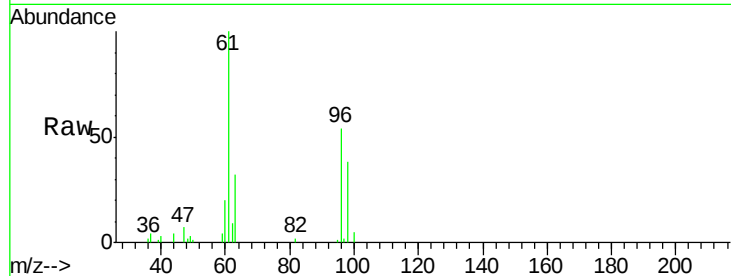
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 1,1-Dichloroethene
 Concen: 3.776 ug/l
 RT: 3.72 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: VN058430.D
 Acq: 30 Sep 2019 13:21

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-MW184I-20190924

Tot Ion	Ratio	Lower	Upper
96	100		
61	183.2	146.7	220.1
98	69.7	51.3	76.9

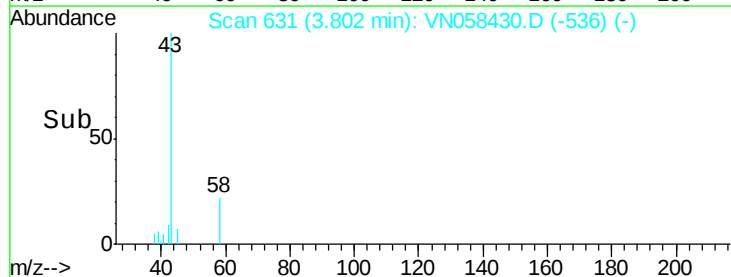
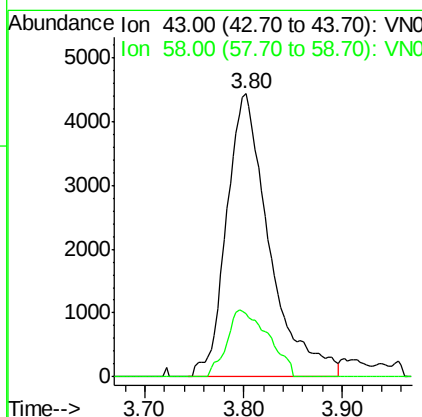
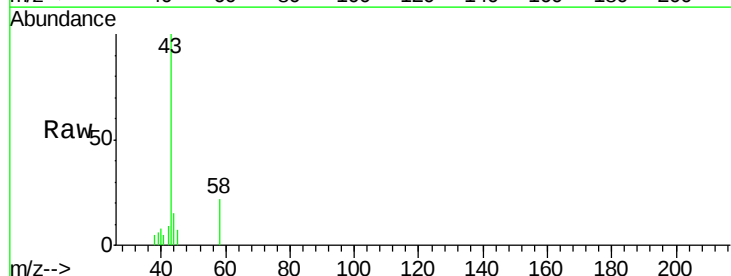
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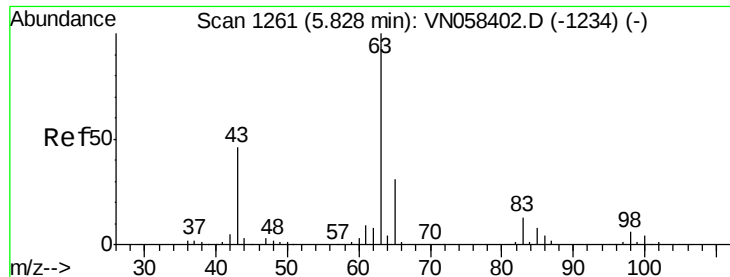
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#16
 Acetone
 Concen: 6.146 ug/l
 RT: 3.80 min Scan# 631
 Delta R.T. 0.01 min
 Lab File: VN058430.D
 Acq: 30 Sep 2019 13:21

Tgt Ion	Ratio	Lower	Upper
43	100		
58	22.4	22.4	33.6





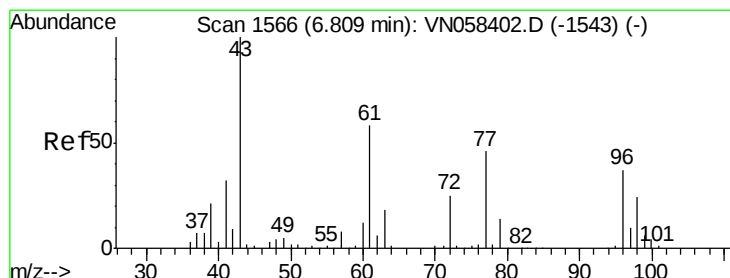
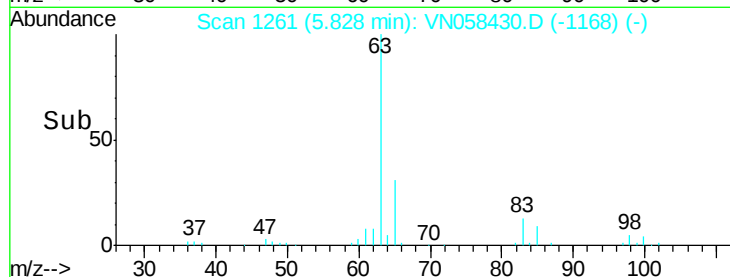
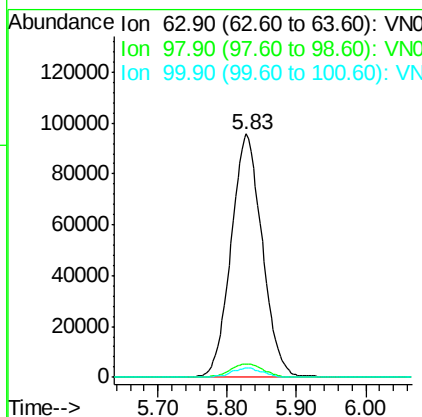
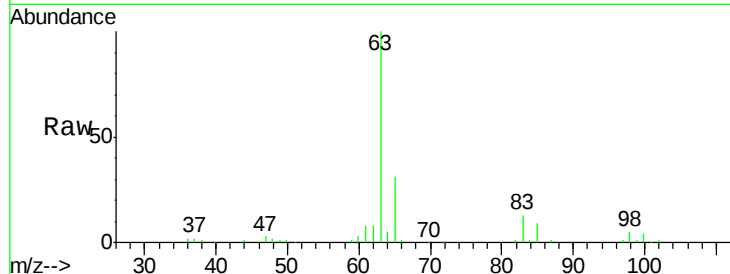
#24
 1,1-Dichloroethane
 Concen: 32.907 ug/l
 RT: 5.83 min Scan# 1261
 Delta R.T. 0.00 min
 Lab File: VN058430.D
 Acq: 30 Sep 2019 13:21

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-MW184I-20190924

Tot Ion	Ratio	Resp	Lower	Upper
63	100			
98	5.5	3.0	9.0	
100	3.9	2.0	5.8	

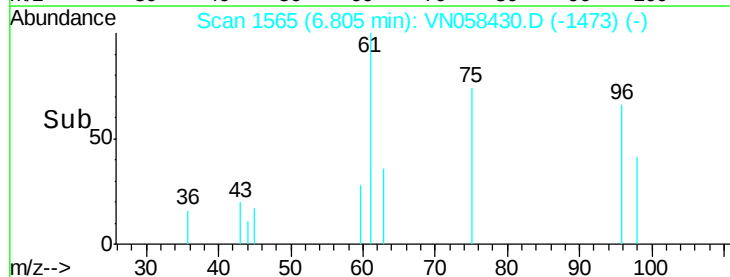
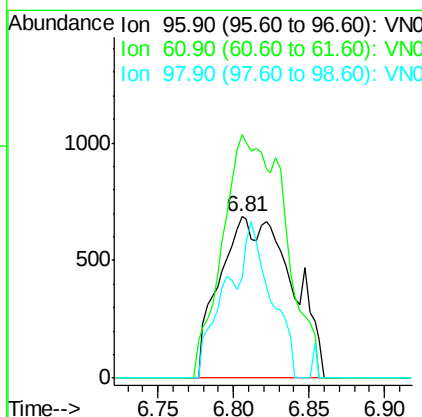
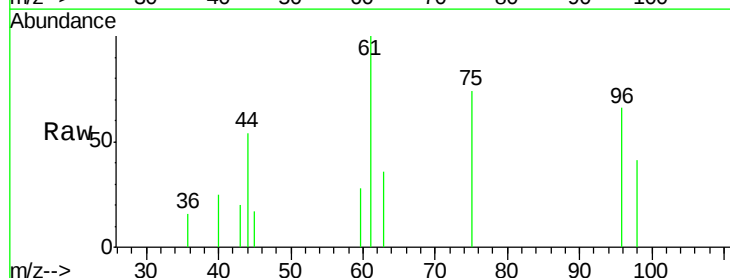
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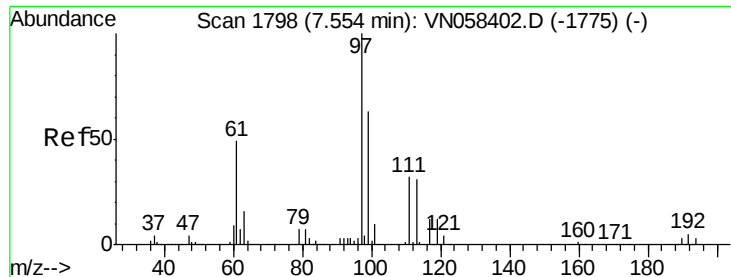
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#27
 cis-1,2-Dichloroethene
 Concen: 0.422 ug/l m
 RT: 6.81 min Scan# 1565
 Delta R.T. -0.00 min
 Lab File: VN058430.D
 Acq: 30 Sep 2019 13:21

Tgt Ion	Ratio	Resp	Lower	Upper
96	100			
61	131.0	0.0	318.8	
98	37.8	0.0	129.8	





#32

1,1,1-Trichloroethane

Concen: 1.366 ug/l

RT: 7.56 min Scan# 1799

Delta R.T. 0.00 min

Lab File: VN058430.D

Acq: 30 Sep 2019 13:21

Instrument :

MSVOA_N

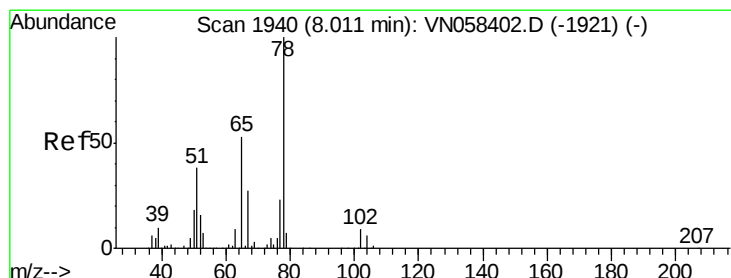
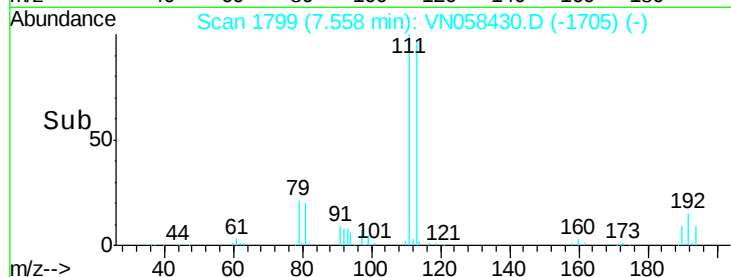
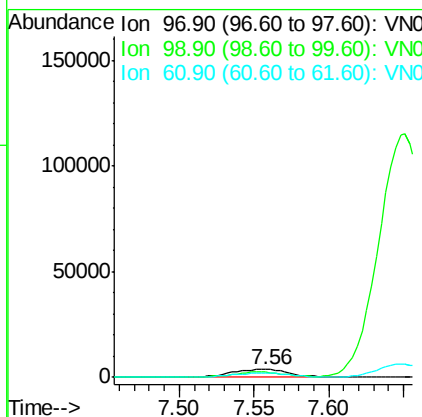
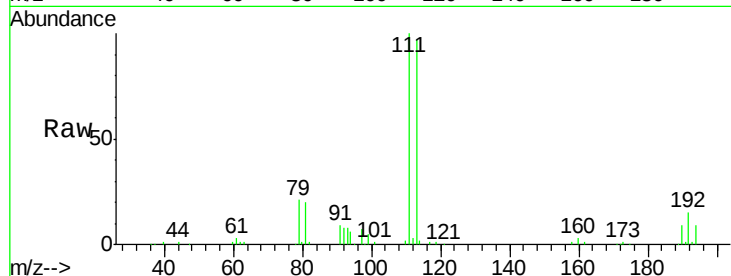
ClientSampleId :

SA-MW184I-20190924

Tot Ion:	97	Resp:	10367
Ion Ratio	Lower	Upper	
97	100		
99	0.0	51.1	76.7#
61	51.4	39.2	58.8

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#33

1,2-Dichloroethane-d4

Concen: 50.021 ug/l

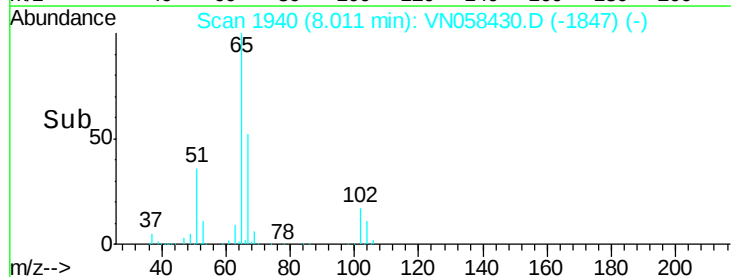
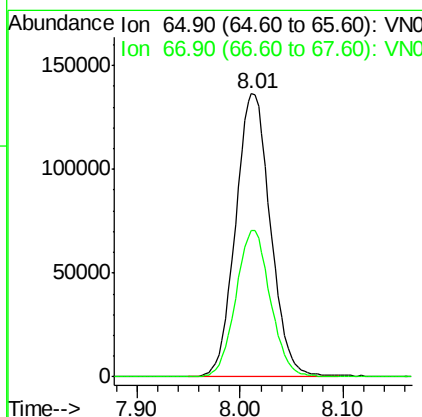
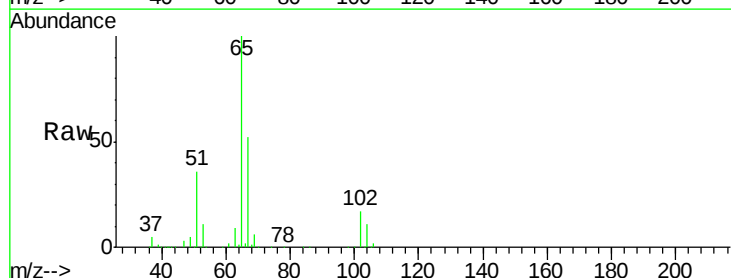
RT: 8.01 min Scan# 1940

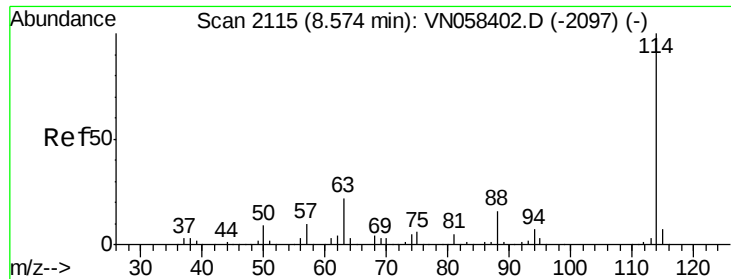
Delta R.T. 0.00 min

Lab File: VN058430.D

Acq: 30 Sep 2019 13:21

Tgt Ion:	65	Resp:	320594
Ion Ratio	Lower	Upper	
65	100		
67	51.2	0.0	102.4





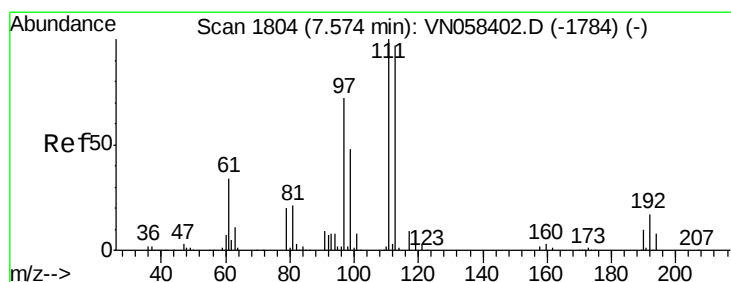
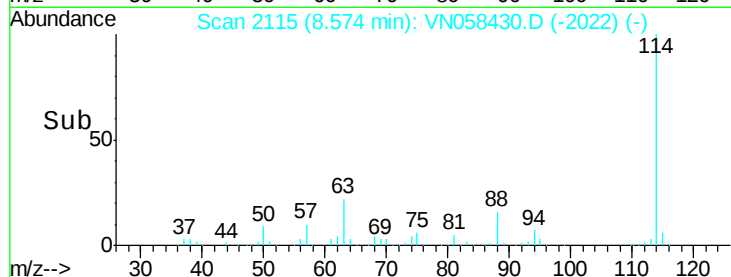
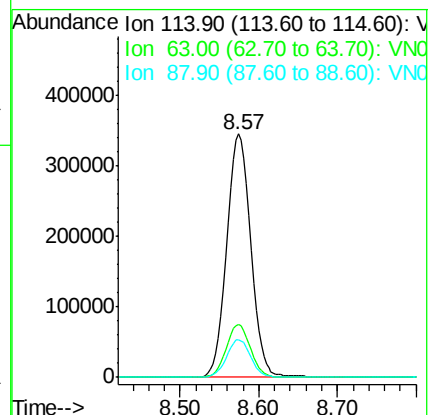
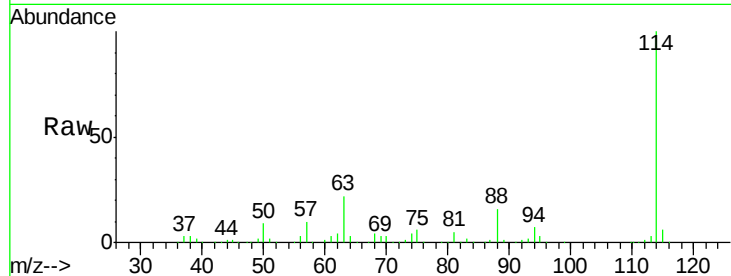
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2115
Delta R.T. 0.00 min
Lab File: VN058430.D
Acq: 30 Sep 2019 13:21

Instrument :
MSVOA_N
ClientSampleId :
SA-MW184I-20190924

Tot Ion	Ratio	Resp	Lower	Upper
114	100	728670		
63	21.8		0.0	45.0
88	15.6		0.0	32.2

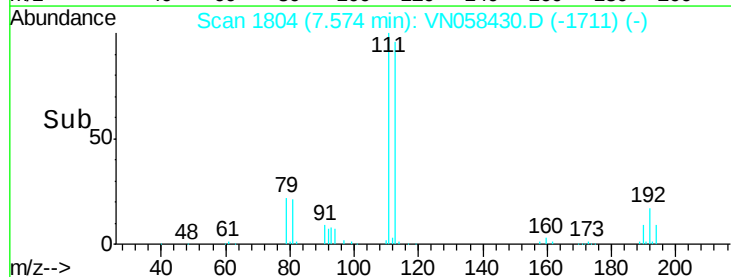
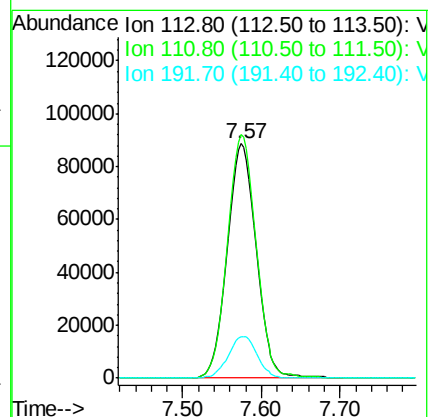
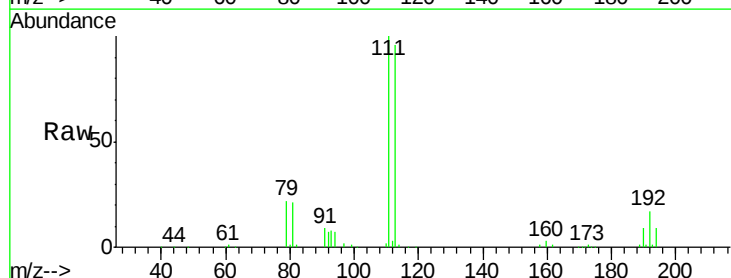
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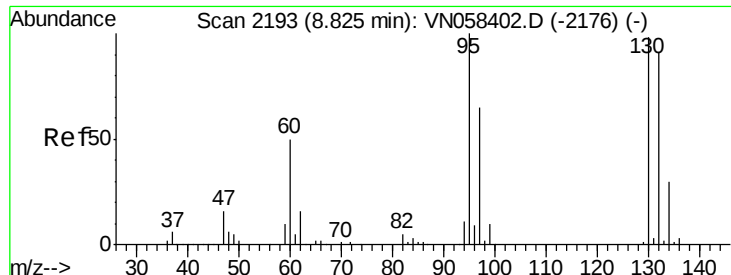
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#35
Dibromofluoromethane
Concen: 50.593 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VN058430.D
Acq: 30 Sep 2019 13:21

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	225945		
111	102.7		83.4	125.2
192	18.0		14.9	22.3





#44

Trichloroethene

Concen: 0.679 ug/l

RT: 8.82 min Scan# 2192

Delta R.T. -0.00 min

Lab File: VN058430.D

Acq: 30 Sep 2019 13:21

Instrument :

MSVOA_N

ClientSampleId :

SA-MW184I-20190924

Tot Ion:130 Resp: 3359

Ion Ratio Lower Upper

130 100

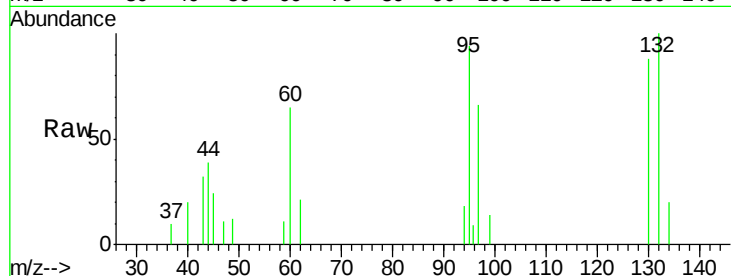
95 106.8 0.0 204.2

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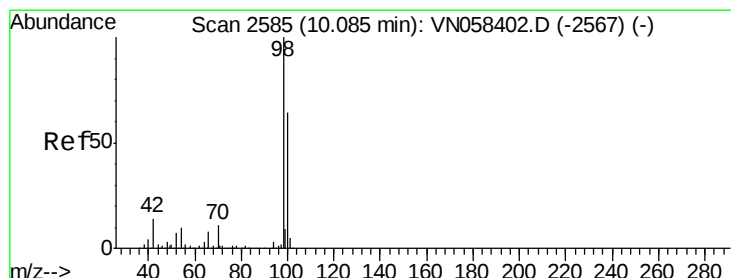
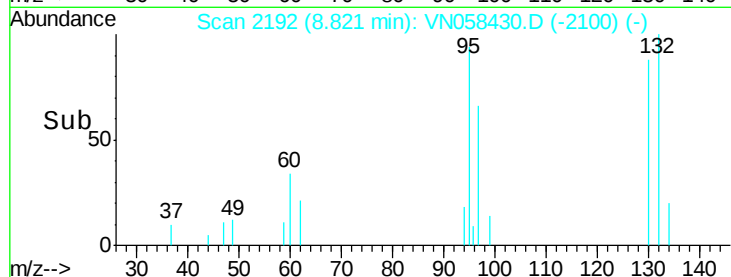
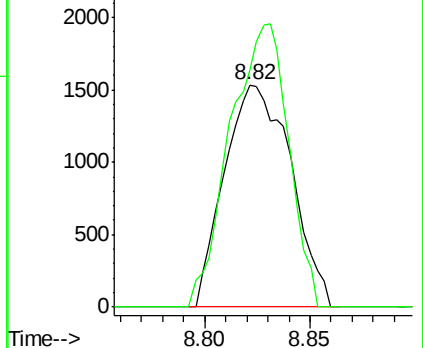
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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN



#50

Toluene-d8

Concen: 51.848 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058430.D

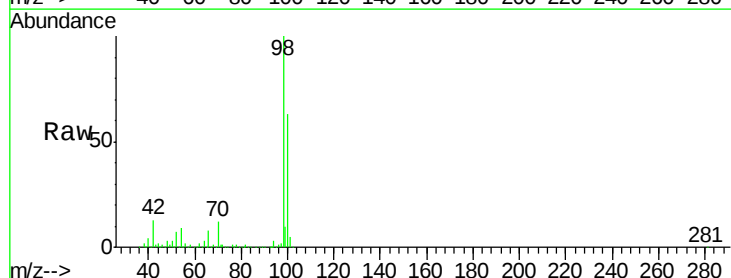
Acq: 30 Sep 2019 13:21

Tgt Ion: 98 Resp: 907080

Ion Ratio Lower Upper

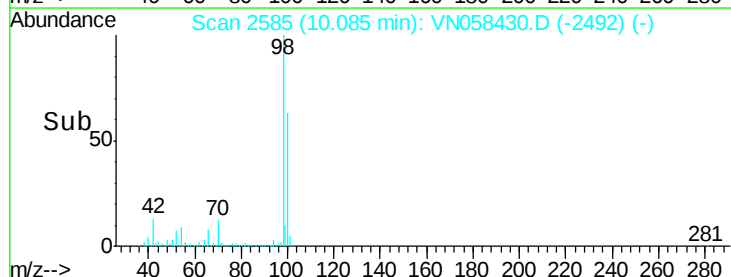
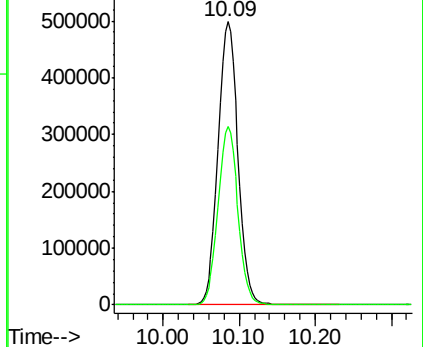
98 100

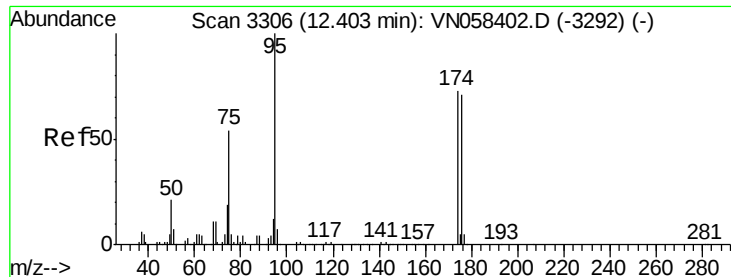
100 62.7 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





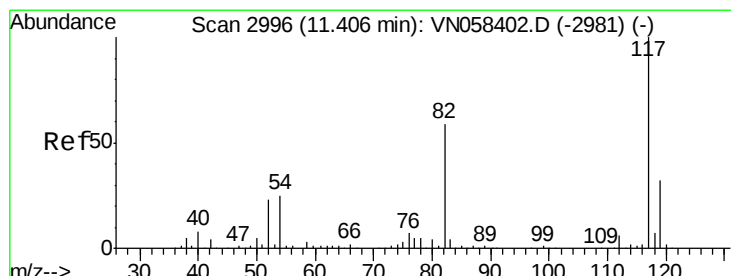
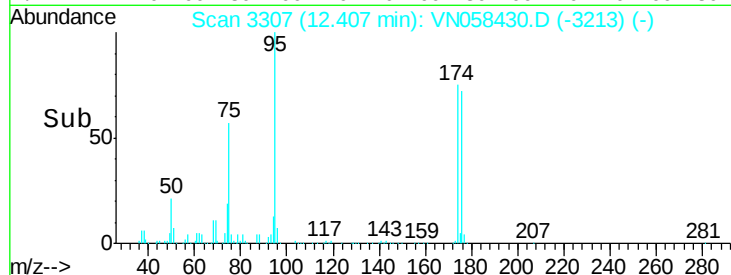
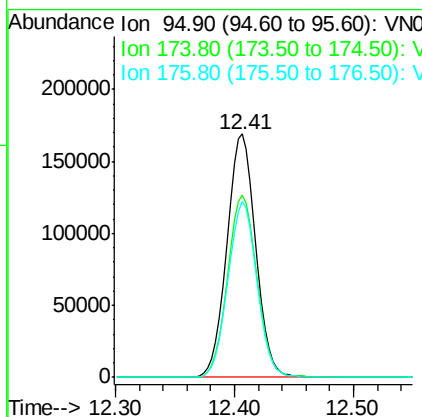
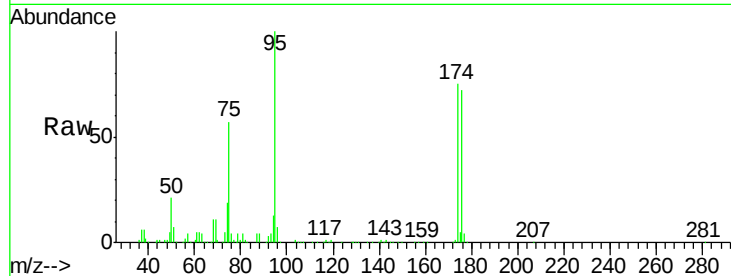
#62
4-Bromofluorobenzene
Concen: 44.716 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058430.D
Acq: 30 Sep 2019 13:21

Instrument :
MSVOA_N
ClientSampleId :
SA-MW184I-20190924

Tot Ion	Ratio	Resp	Lower	Upper
95	100	282867		
174	76.6	0.0	150.6	
176	72.8	0.0	146.2	

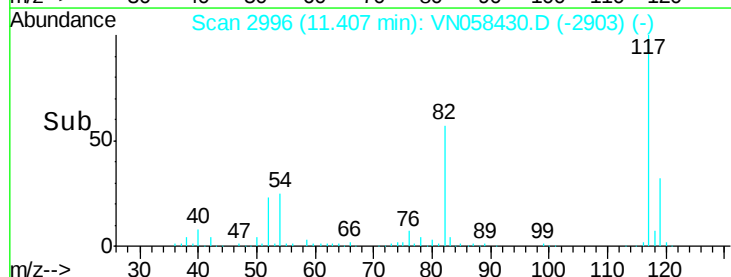
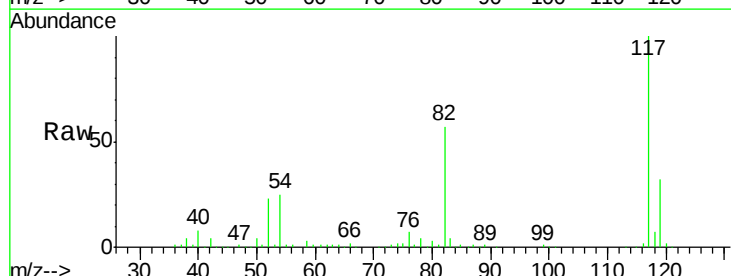
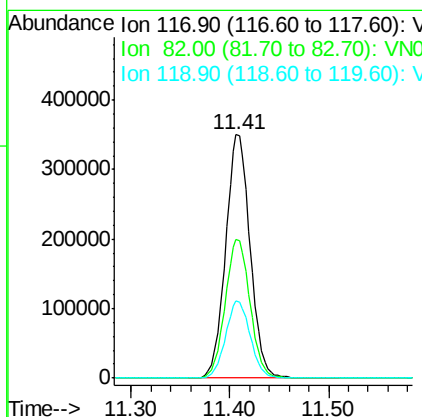
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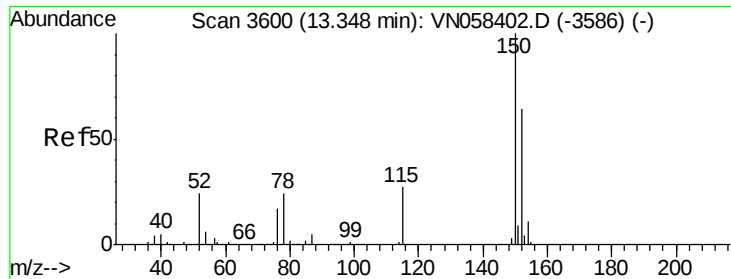
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058430.D
Acq: 30 Sep 2019 13:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	608691		
82	57.0	47.4	71.0	
119	31.6	25.5	38.3	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058430.D

Acq: 30 Sep 2019 13:21

Instrument :

MSVOA_N

ClientSampleId :

SA-MW184I-20190924

Tot Ion:152 Resp: 238220

Ion Ratio Lower Upper

152 100

115 60.9 30.0 90.0

150 157.5 0.0 348.2

Manual Integrations
APPROVED

MMDadoda

10/2/2019 9:22:21 AM

