

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091319\
 Data File : VN057985.D
 Acq On : 12 Sep 2019 21:34
 Operator : JC/SP
 Sample : K4680-23
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T1-3-(0)

Manual Integrations
 APPROVED

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 9/13/2019 1:04:07 PM

Quant Time: Sep 13 06:40:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	247961	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	445240	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	398325	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	200608	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	309844	61.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.38%	
35) Dibromofluoromethane	7.58	113	211048	51.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.72%	
50) Toluene-d8	10.09	98	733679	45.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.96%	
62) 4-Bromofluorobenzene	12.41	95	244315	40.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.36%	
Target Compounds						
16) Acetone	3.80	43	14126	8.580	ug/l #	88
18) Methyl Acetate	4.31	43	7607m	1.733	ug/l	
20) Methylene Chloride	4.53	84	11120	2.375	ug/l #	89
43) Isopropyl Acetate	8.16	43	116009	12.931	ug/l #	84

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

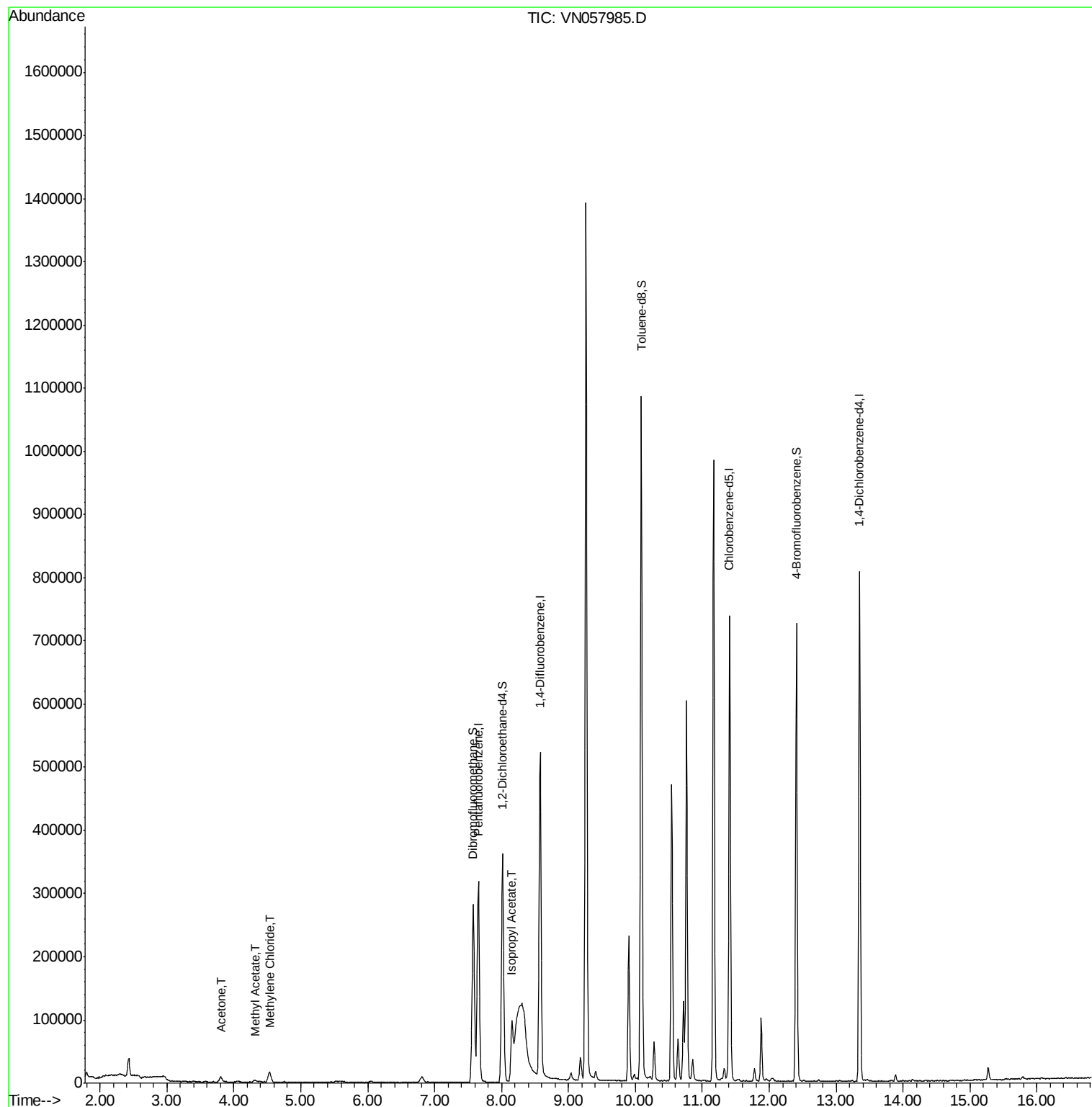
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091319\
Data File : VN057985.D
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Manual Integrations
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Quant Time: Sep 13 06:40:07 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 03:02:13 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: VN057985.D

Acq: 12 Sep 2019 21:34

Instrument :

MSVOA_N

ClientSampled :

T1-3-(0)

Tot Ion:168 Resp: 247961

Ion Ratio Lower Upper

168 100

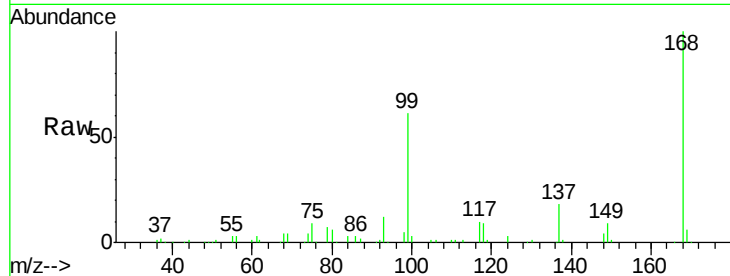
99 60.9 48.0 72.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

120000

100000

80000

60000

40000

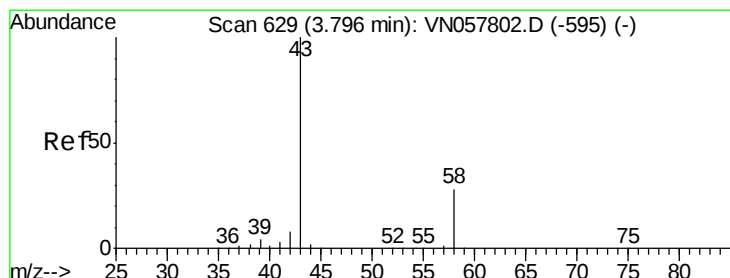
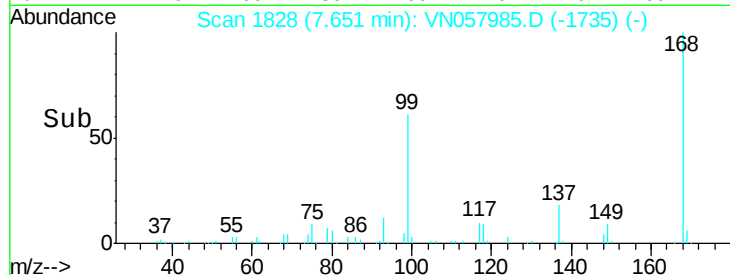
20000

0

7.60

7.70

Time-->



#16

Acetone

Concen: 8.580 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.00 min

Lab File: VN057985.D

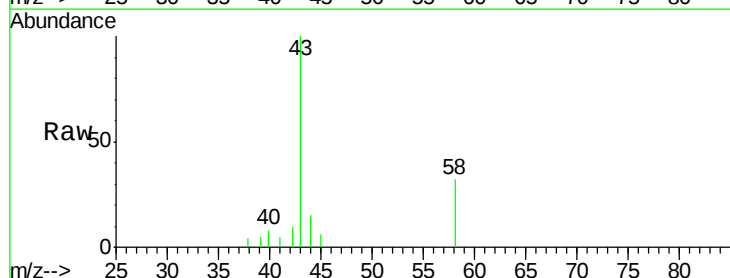
Acq: 12 Sep 2019 21:34

Tgt Ion: 43 Resp: 14126

Ion Ratio Lower Upper

43 100

58 33.7 22.2 33.2#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

6000

5000

4000

3000

2000

1000

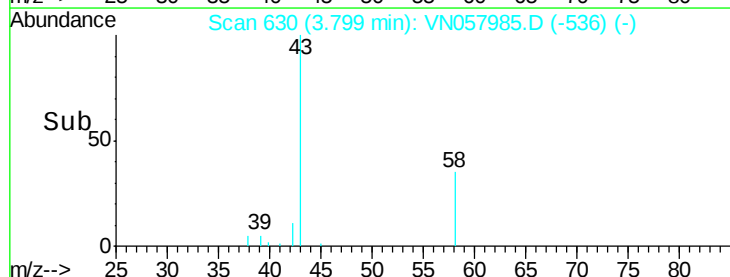
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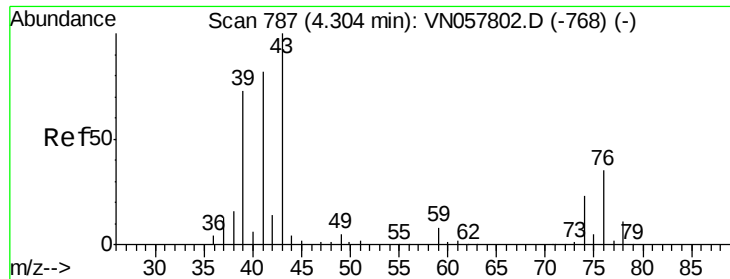
3.75

3.80

3.85

Time-->





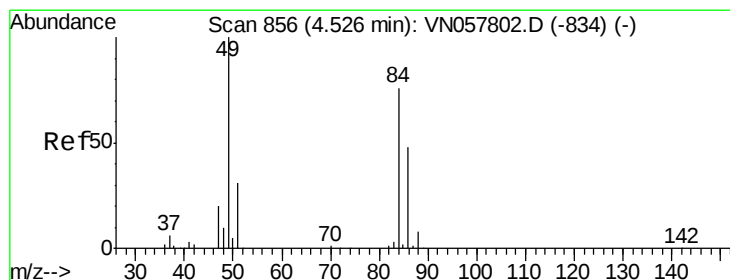
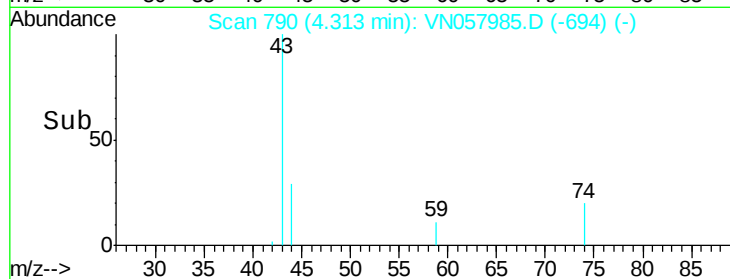
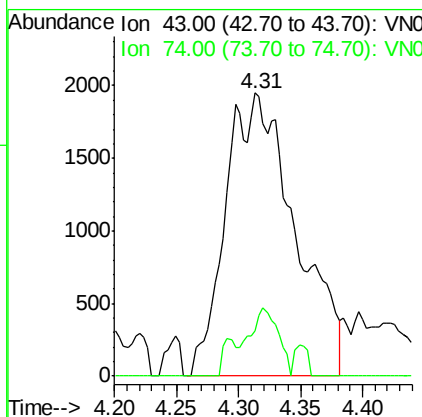
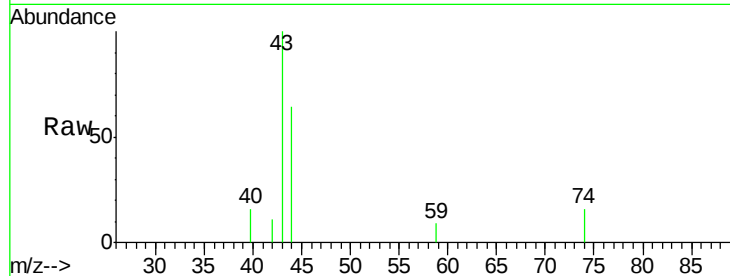
#18
Methvl Acetate
Concen: 1.733 ug/l m
RT: 4.31 min Scan# 790
Delta R.T. 0.01 min
Lab File: VN057985.D
Acq: 12 Sep 2019 21:34

Instrument :
MSVOA_N
ClientSampleId :
T1-3-(0)

Tot Ion	43	Resp	7607
Ion Ratio	100	Lower	Upper
74	2.3	17.9	26.9#

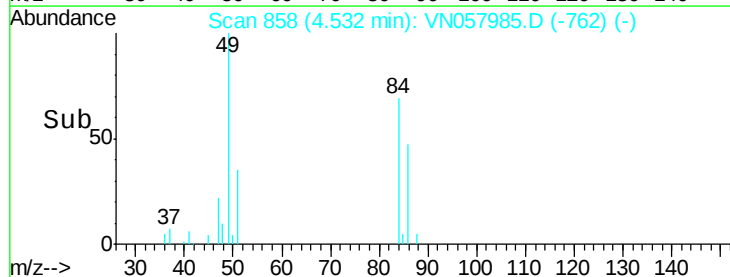
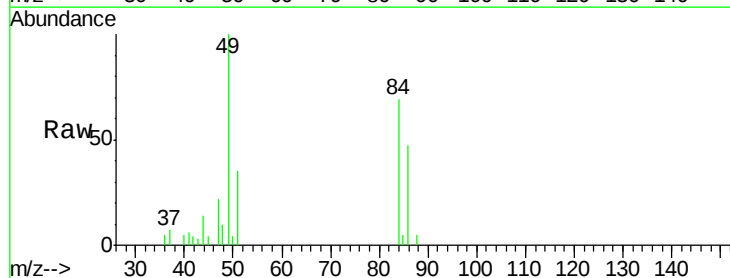
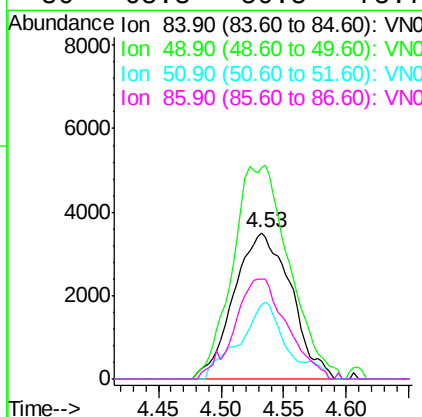
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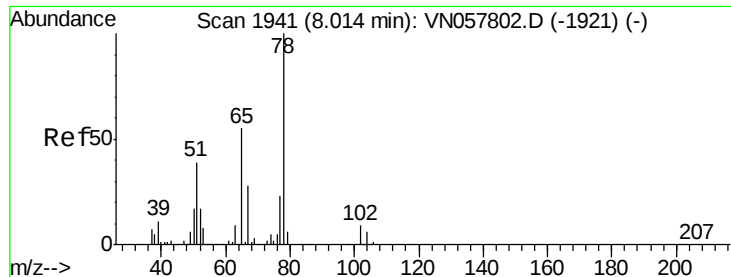
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#20
Methylene Chloride
Concen: 2.375 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.01 min
Lab File: VN057985.D
Acq: 12 Sep 2019 21:34

Tgt Ion	84	Resp	11120
Ion Ratio	100	Lower	Upper
49	144.1	104.8	157.2
51	50.7	33.0	49.4#
86	68.3	50.5	75.7





#33

1,2-Dichloroethane-d4

Concen: 61.694 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN057985.D

Acq: 12 Sep 2019 21:34

Instrument :

MSVOA_N

ClientSampled :

T1-3-(0)

Tot Ion: 65 Resp: 309844

Ion Ratio Lower Upper

65 100

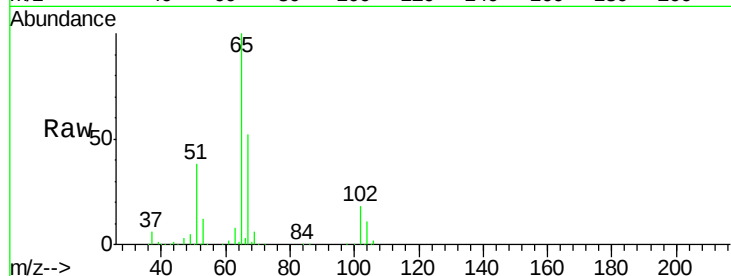
67 51.8 0.0 104.0

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.01

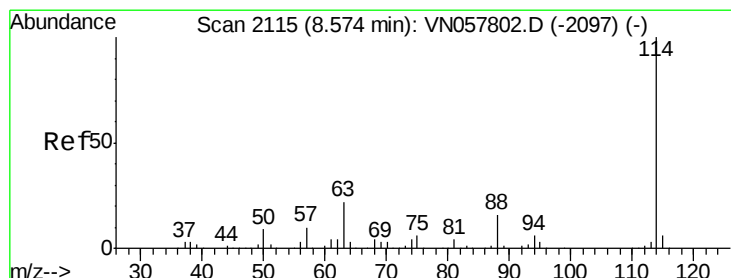
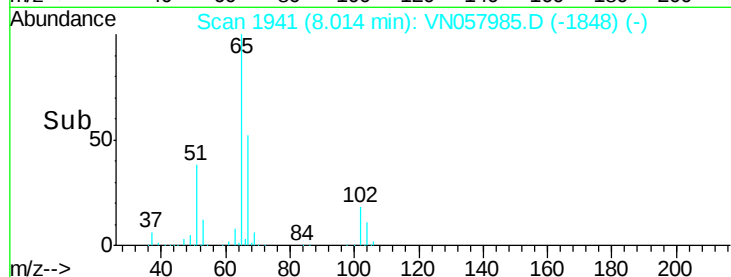
150000

100000

50000

0

Time--> 7.90 8.00 8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2116

Delta R.T. 0.00 min

Lab File: VN057985.D

Acq: 12 Sep 2019 21:34

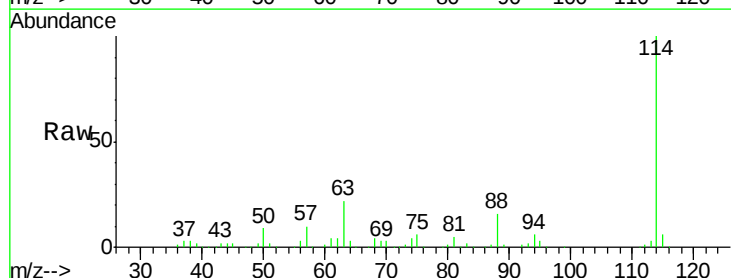
Tgt Ion: 114 Resp: 445240

Ion Ratio Lower Upper

114 100

63 22.0 0.0 44.0

88 15.7 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

8.58

250000

200000

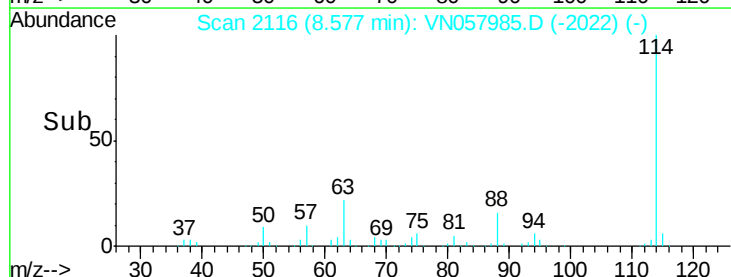
150000

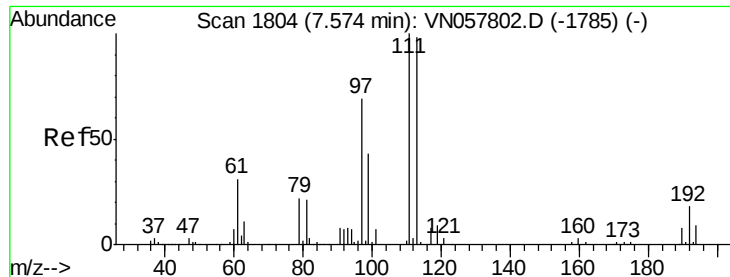
100000

50000

0

Time--> 8.50 8.60 8.70





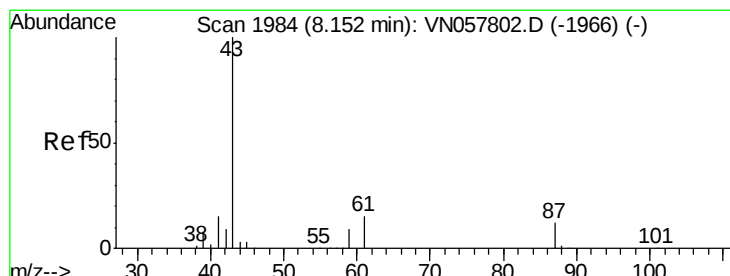
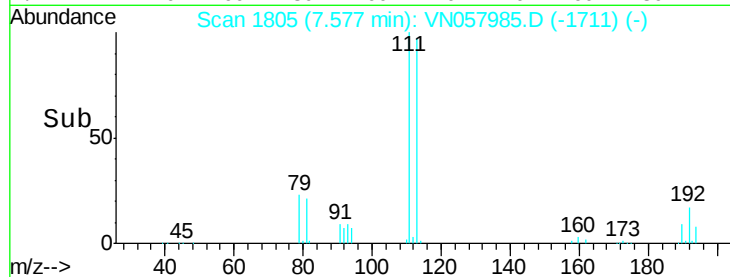
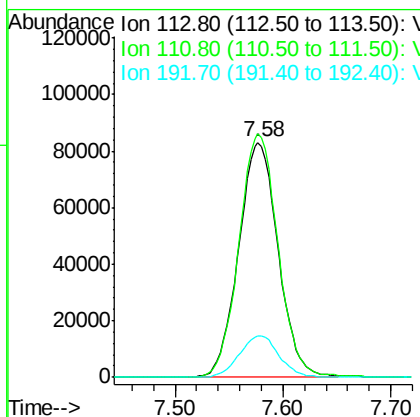
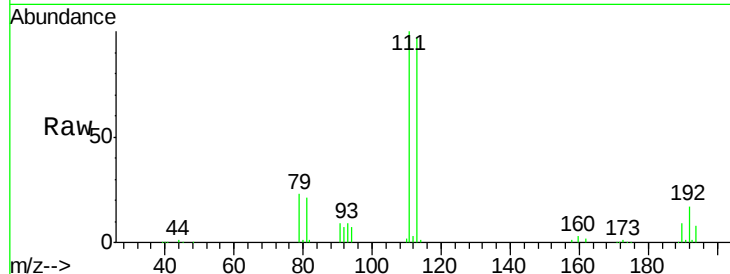
#35
 Dibromofluoromethane
 Concen: 51.358 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057985.D
 Acq: 12 Sep 2019 21:34

Instrument :
 MSVOA_N
 ClientSampleId :
 T1-3-(0)

Tot Ion	Ratio	Resp	Lower	Upper
113	100	211048		
111	102.8	81.3	121.9	
192	17.9	14.6	22.0	

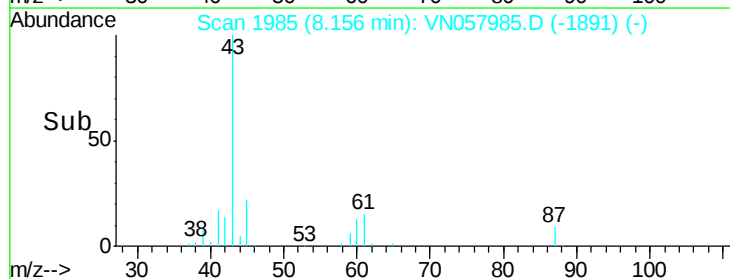
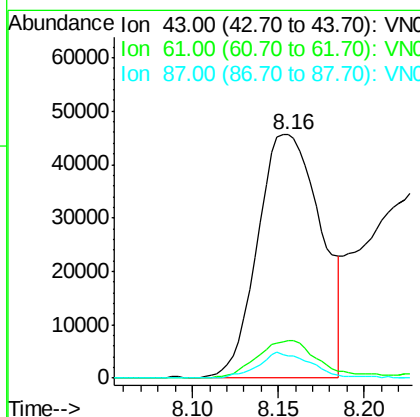
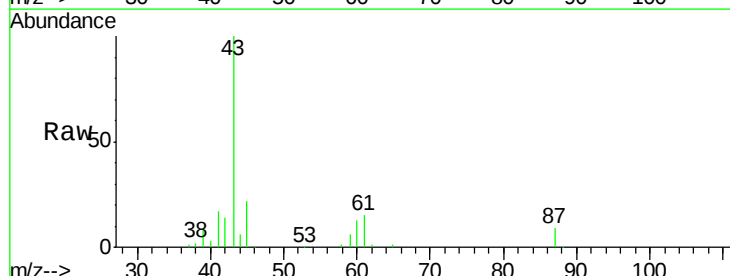
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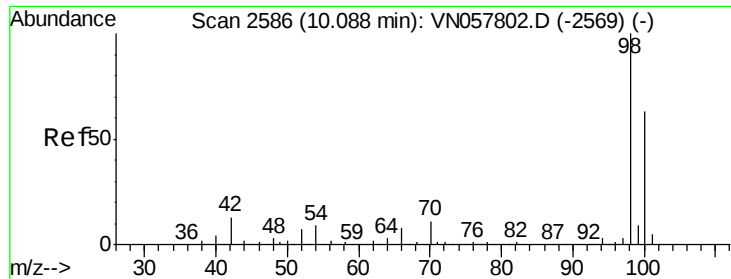
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#43
 Isopropyl Acetate
 Concen: 12.931 ug/l
 RT: 8.16 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VN057985.D
 Acq: 12 Sep 2019 21:34

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	116009		
61	15.4	20.1	30.1#	
87	8.6	9.5	14.3#	





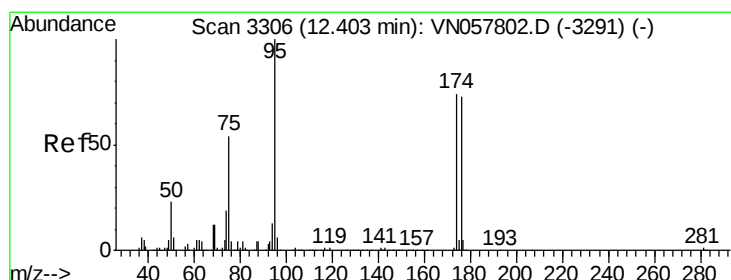
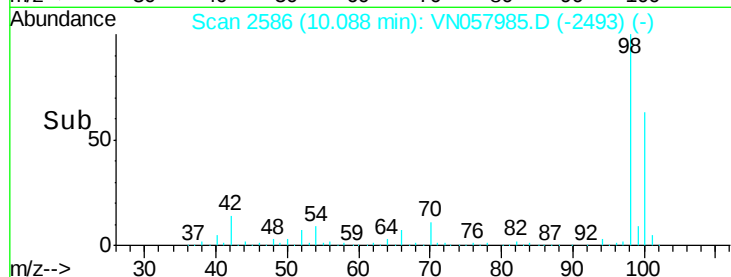
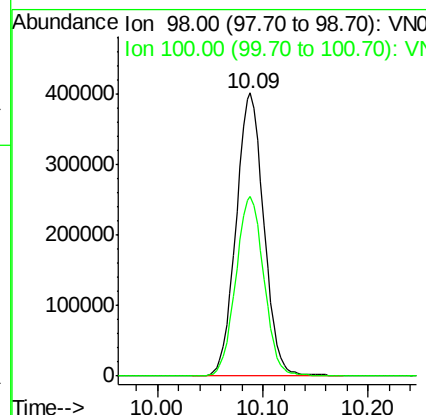
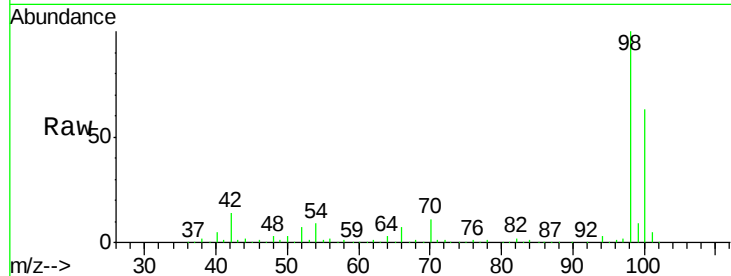
#50
Toluene-d8
Concen: 45.985 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN057985.D
Acq: 12 Sep 2019 21:34

Instrument :
MSVOA_N
ClientSampleId :
T1-3-(0)

Tot Ion: 98 Resp: 733679
Ion Ratio Lower Upper
98 100
100 64.4 50.3 75.5

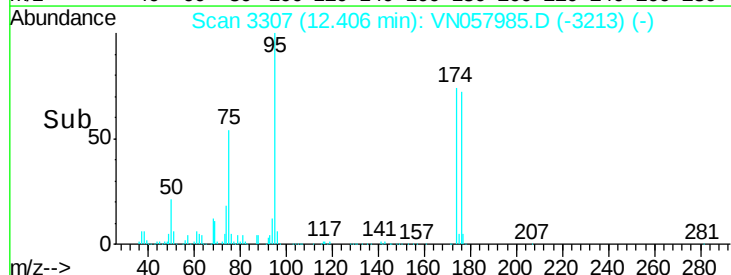
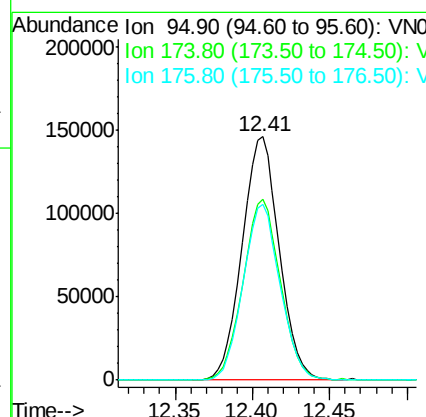
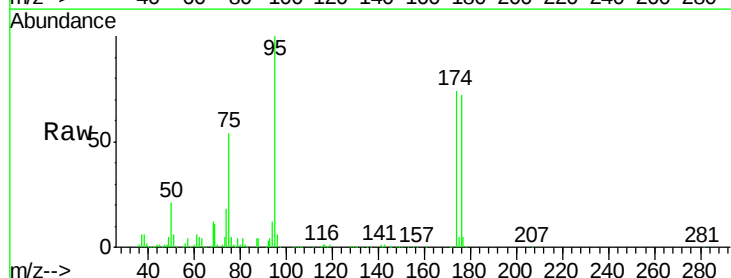
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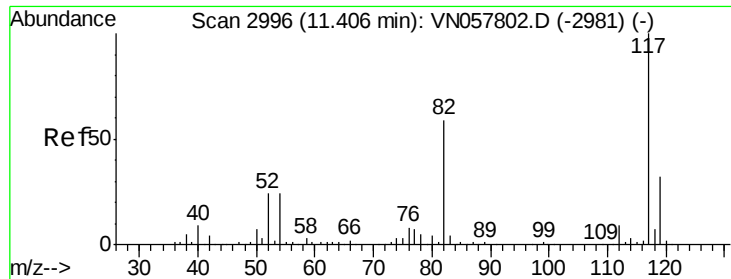
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#62
4-Bromofluorobenzene
Concen: 40.182 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN057985.D
Acq: 12 Sep 2019 21:34

Tgt Ion: 95 Resp: 244315
Ion Ratio Lower Upper
95 100
174 74.5 0.0 150.2
176 72.3 0.0 146.0





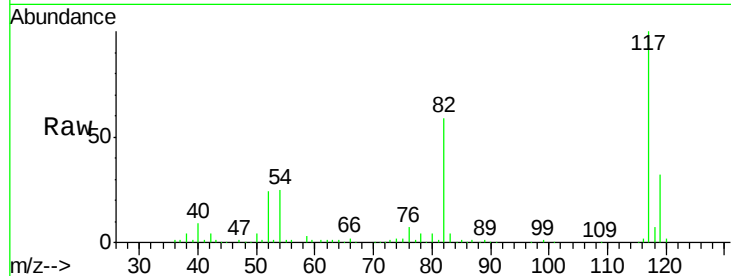
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN057985.D
Acq: 12 Sep 2019 21:34

Instrument :
MSVOA_N
ClientSampleId :
T1-3-(0)

Tot Ion	Ratio	Resp	Lower	Upper
117	100	398325		
82	59.0	47.2	70.8	
119	31.9	25.3	37.9	

Manual Integrations
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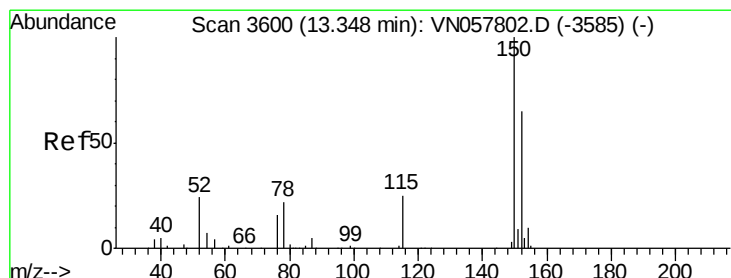
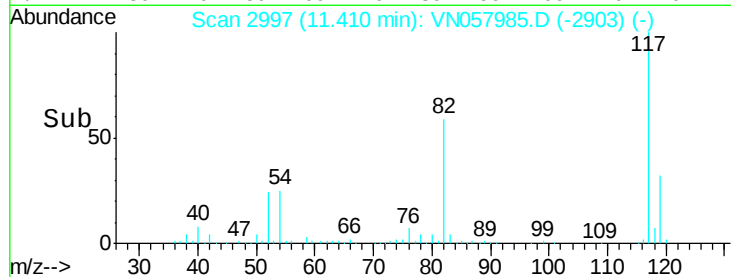
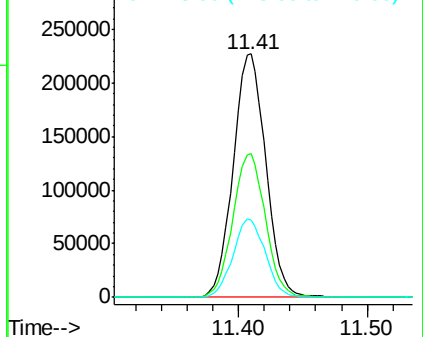


Abundance

Ion 116.90 (116.60 to 117.60): V

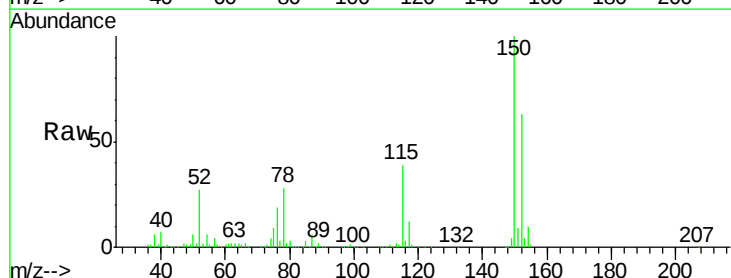
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN057985.D
Acq: 12 Sep 2019 21:34

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	200608		
115	61.2	30.3	91.0	
150	155.7	0.0	352.4	



Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

