

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090619\
 Data File : VN057728.D
 Acq On : 6 Sep 2019 21:11
 Operator : JC/SP
 Sample : K4580-27
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T12-B4-(0)

Manual Integrations
 APPROVED

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9/10/2019 9:56:47 AM

Quant Time: Sep 07 00:01:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 03:46:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	191791	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	322273	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	299840	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	152499	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	260599	55.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.70%	
35) Dibromofluoromethane	7.58	113	154655	52.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.38%	
50) Toluene-d8	10.09	98	572387	52.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.42%	
62) 4-Bromofluorobenzene	12.40	95	211398	46.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.74%	
Target Compounds						
16) Acetone	3.80	43	10819	7.535	ug/l	97
20) Methylene Chloride	4.53	84	4033m	1.299	ug/l	
43) Isopropyl Acetate	8.16	43	53094	6.499	ug/l	100

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

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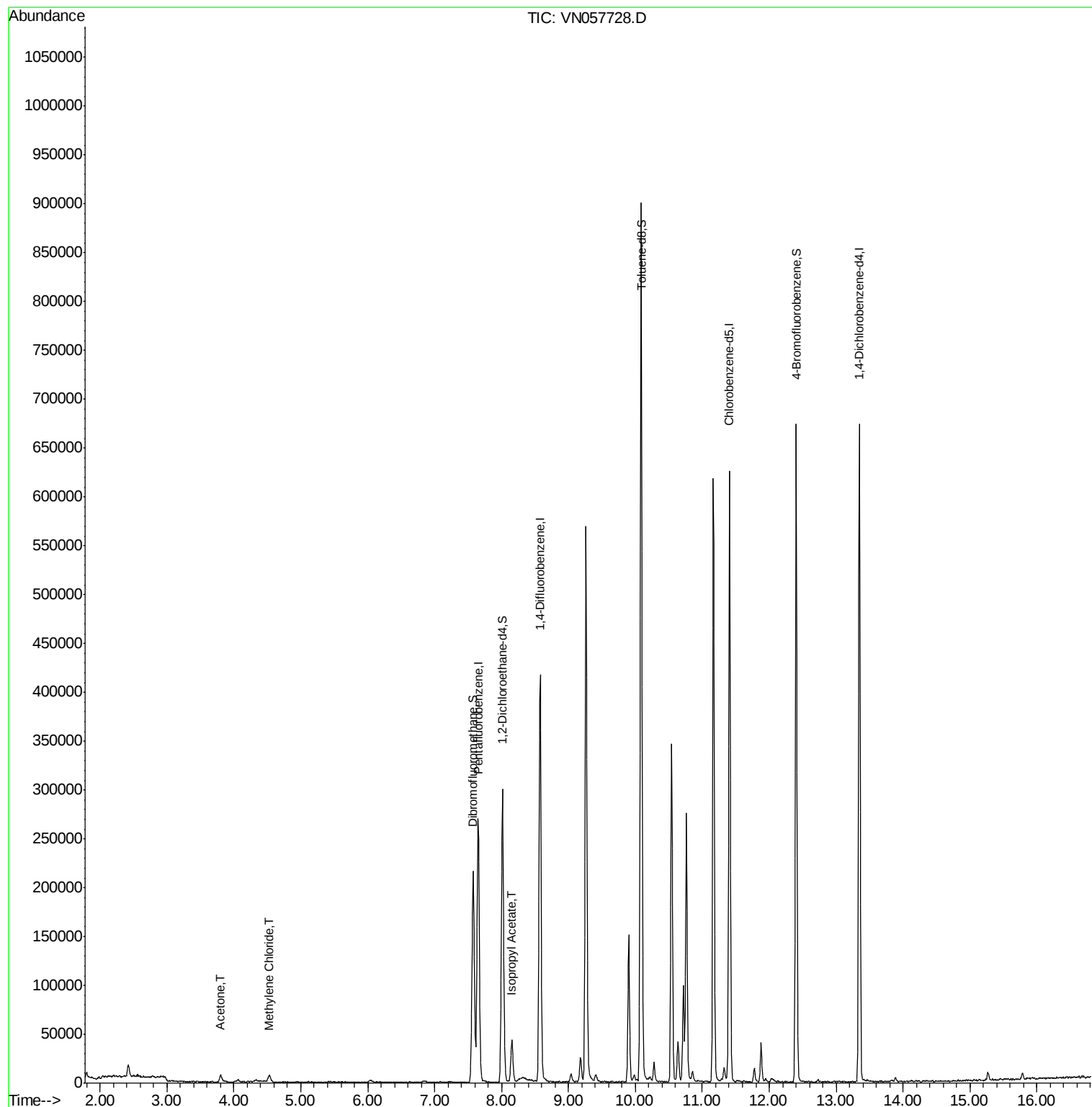
Instrument :
MSVOA_N
ClientSampleId :
T12-B4-(0)

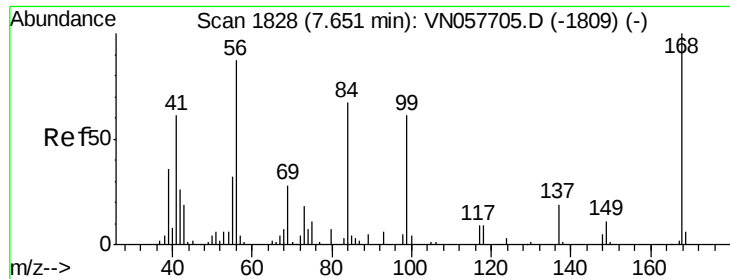
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N090619W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 06 03:46:54 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN057728.D

Acq: 6 Sep 2019 21:11

Instrument :

MSVOA_N

ClientSampleId :

T12-B4-(0)

Tot Ion:168 Resp: 191791

Ion Ratio Lower Upper

168 100

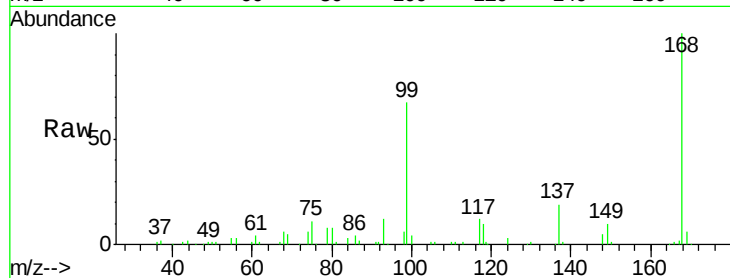
99 67.3 57.4 86.0

Manual Integrations

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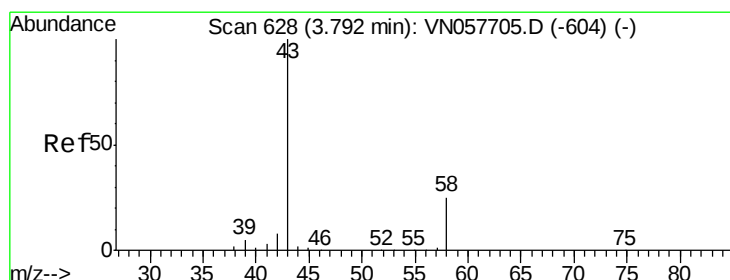
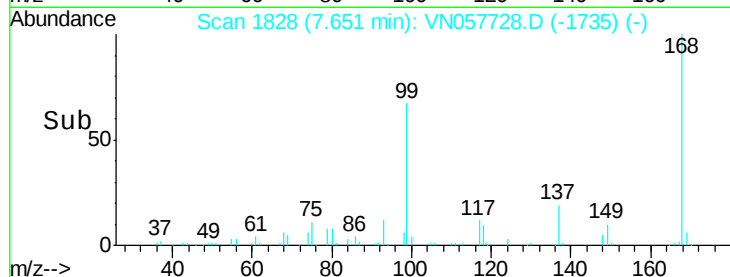
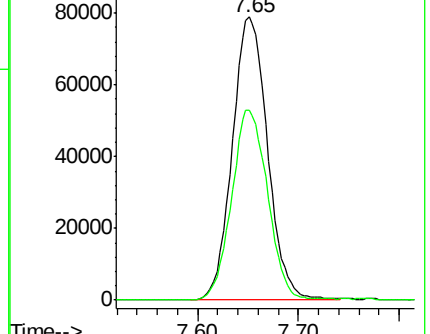
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 7.535 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN057728.D

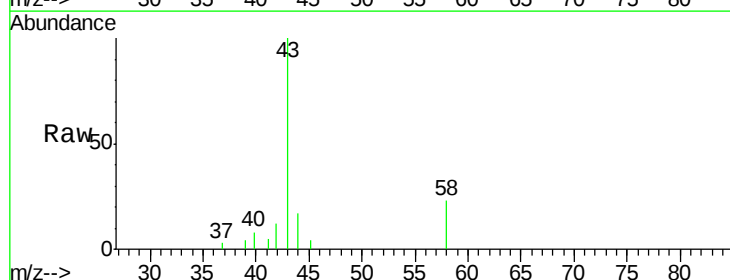
Acq: 6 Sep 2019 21:11

Tgt Ion: 43 Resp: 10819

Ion Ratio Lower Upper

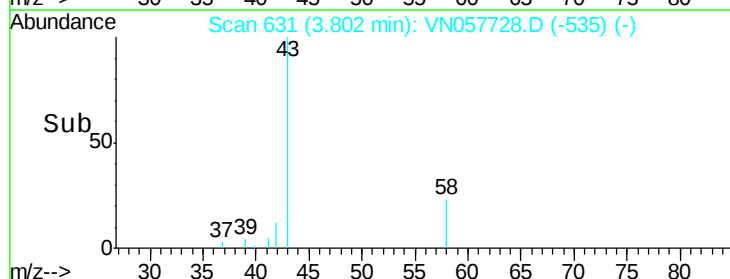
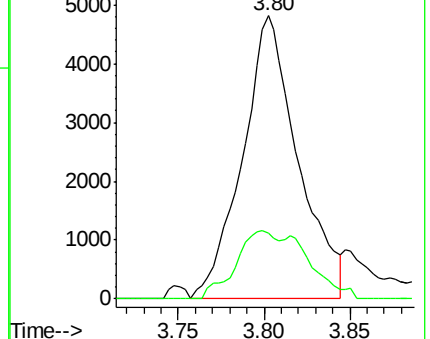
43 100

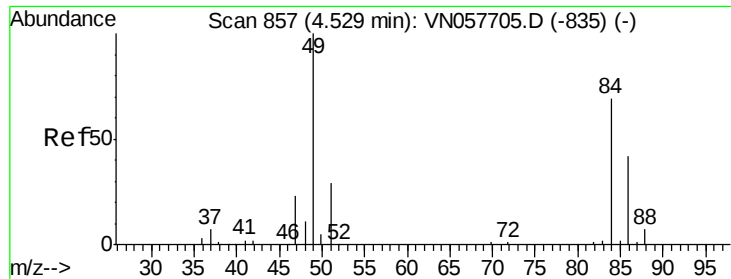
58 23.4 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#20
Methylene Chloride
Concen: 1.299 ug/l m
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN057728.D
Acq: 6 Sep 2019 21:11

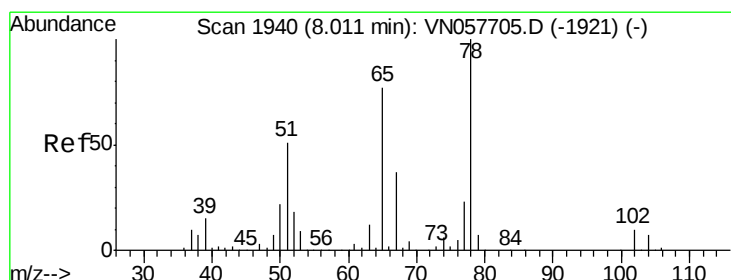
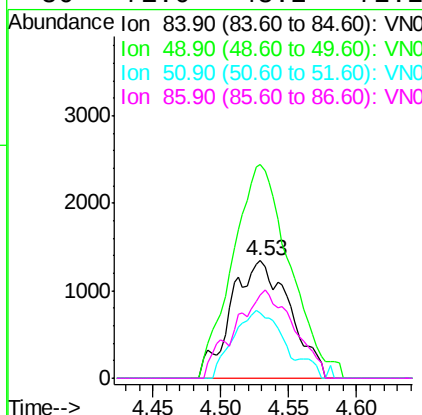
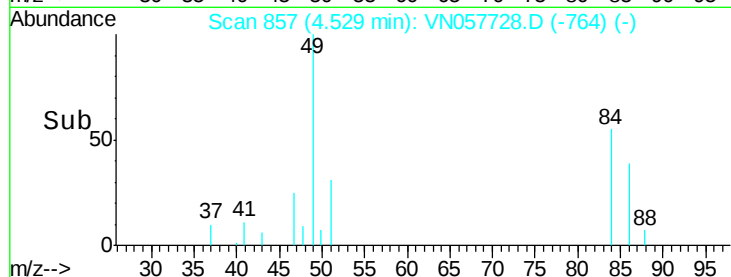
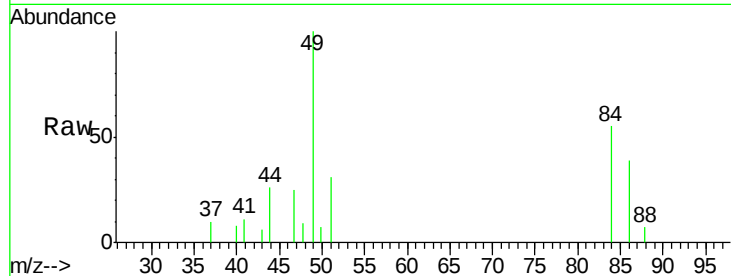
Instrument :
MSVOA_N
ClientSampled :
T12-B4-(0)

Tot Ion: 84 Resp: 4033
Ion Ratio Lower Upper
84 100
49 182.0 115.0 172.6#
51 55.8 33.8 50.8#
86 71.0 48.2 72.2

Manual Integrations
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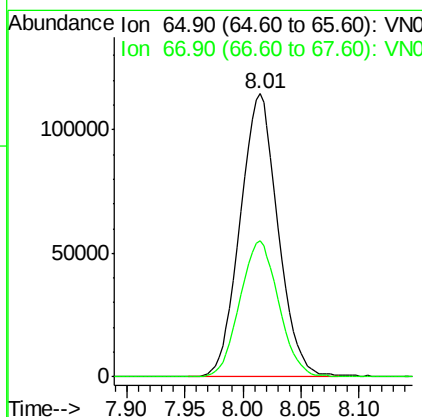
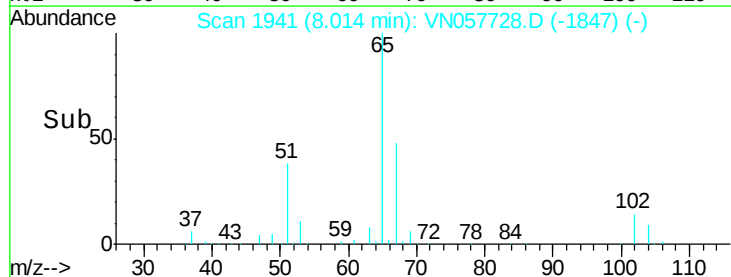
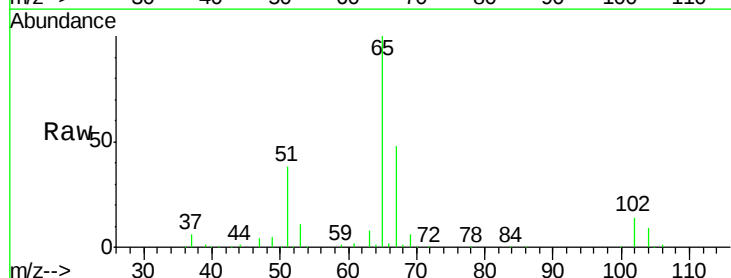
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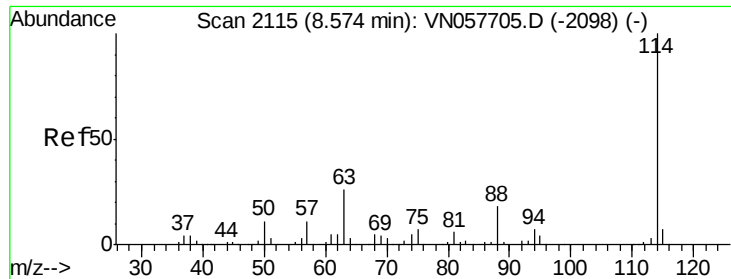
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#33
1,2-Dichloroethane-d4
Concen: 55.854 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN057728.D
Acq: 6 Sep 2019 21:11

Tgt Ion: 65 Resp: 260599
Ion Ratio Lower Upper
65 100
67 49.3 0.0 98.2





#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057728.D
 Acq: 6 Sep 2019 21:11

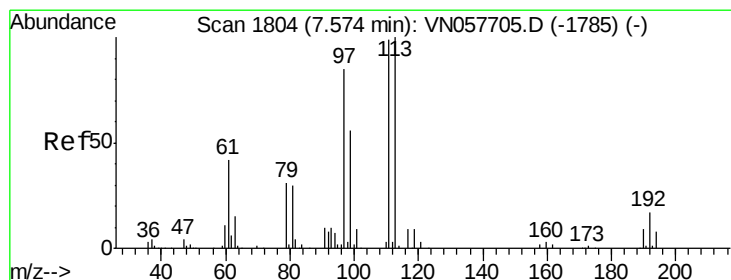
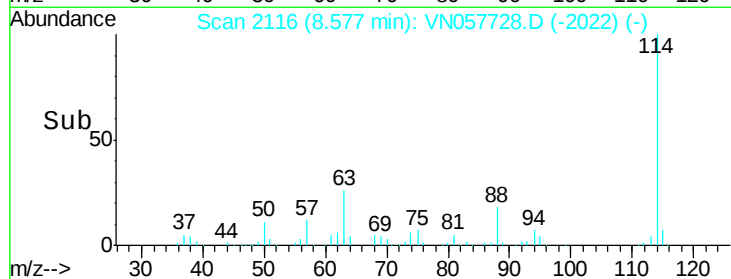
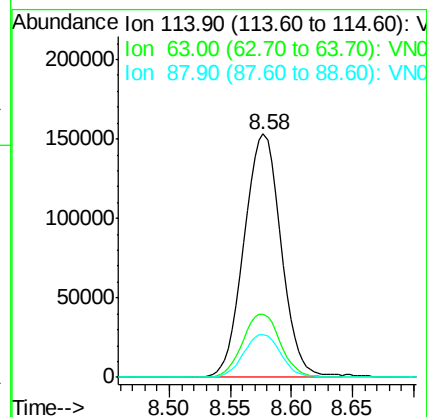
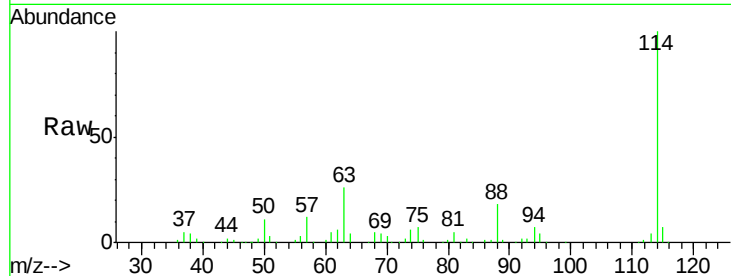
Instrument :
 MSVOA_N
 ClientSampleId :
 T12-B4-(0)

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	26.0	0.0	52.4
88	17.5	0.0	35.4

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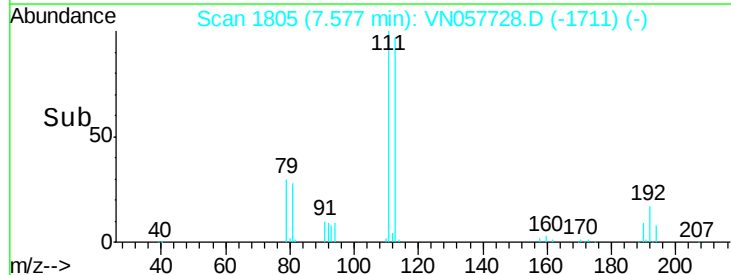
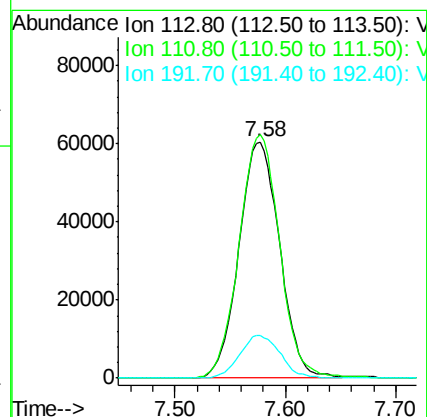
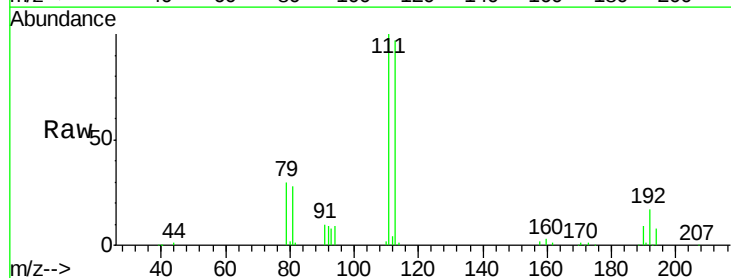
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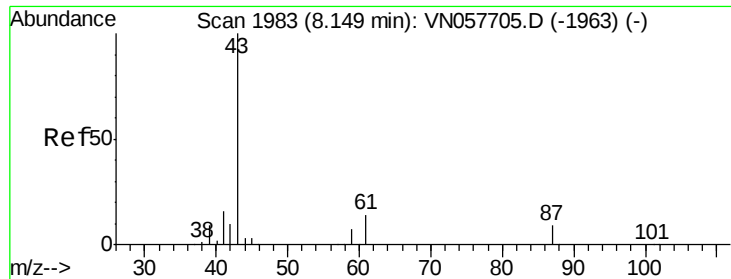
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#35
 Dibromofluoromethane
 Concen: 52.686 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057728.D
 Acq: 6 Sep 2019 21:11

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	102.8	82.7	124.1
192	18.0	13.8	20.6





#43
Isopropyl Acetate
Concen: 6.499 ug/l
RT: 8.16 min Scan# 1985
Delta R.T. 0.01 min
Lab File: VN057728.D
Acq: 6 Sep 2019 21:11

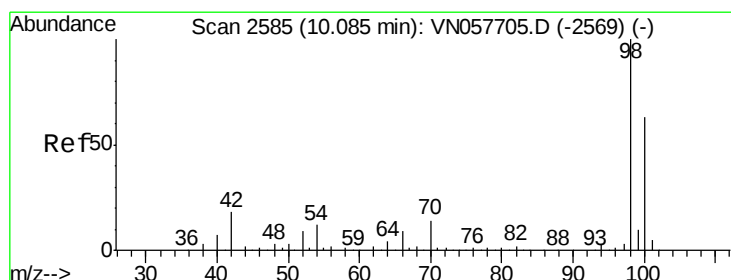
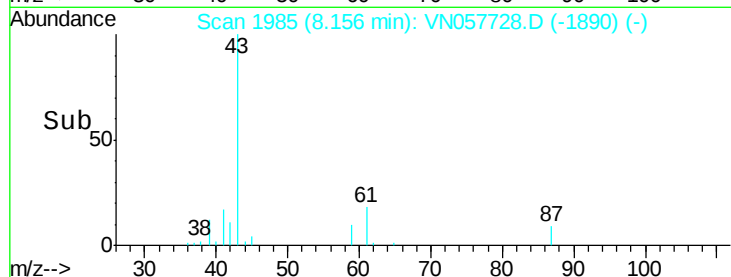
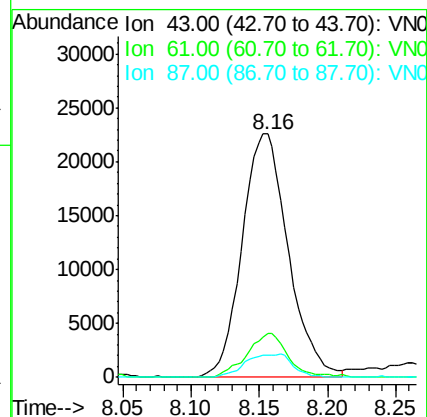
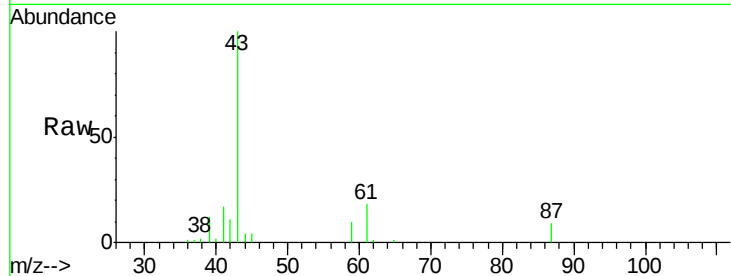
Instrument :
MSVOA_N
ClientSampleId :
T12-B4-(0)

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.8	12.8	19.2
87	9.7	7.8	11.8

Manual Integrations
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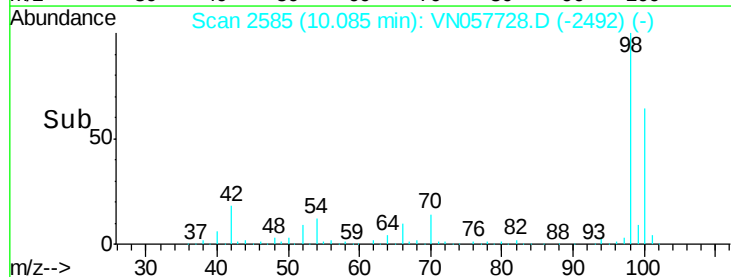
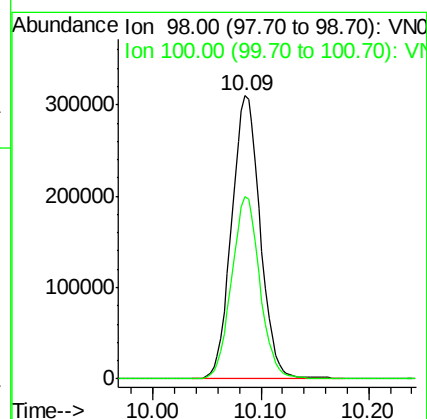
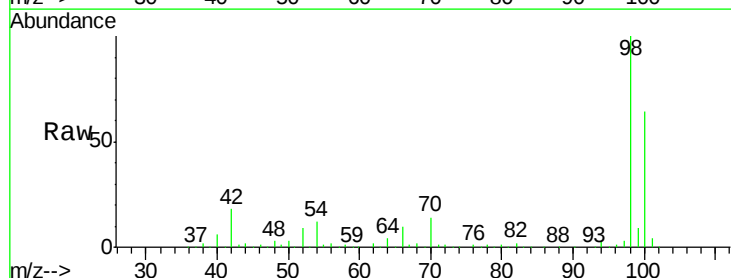
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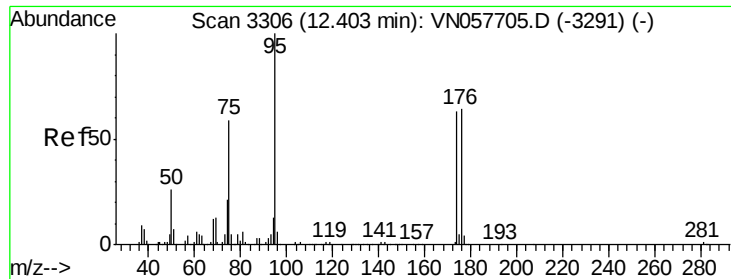
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#50
Toluene-d8
Concen: 52.712 ug/l
RT: 10.09 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN057728.D
Acq: 6 Sep 2019 21:11

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.5	50.7	76.1





#62
4-Bromofluorobenzene
Concen: 46.871 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057728.D
Acq: 6 Sep 2019 21:11

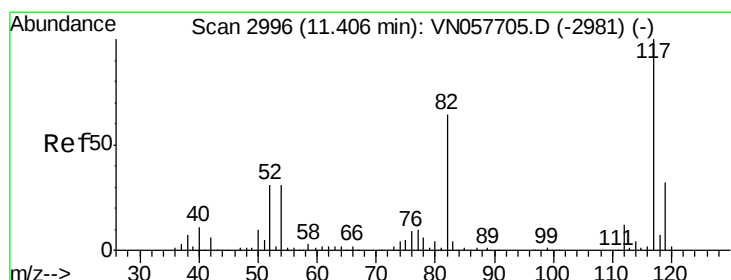
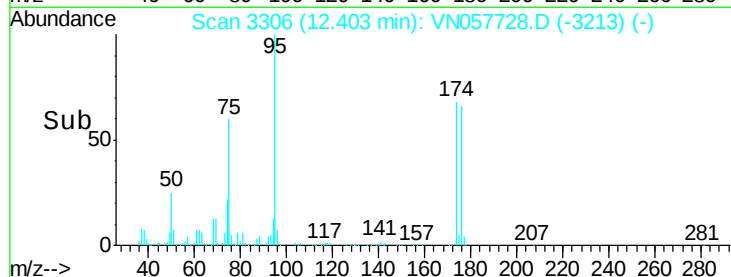
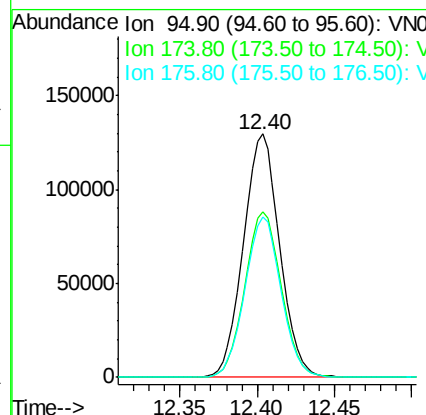
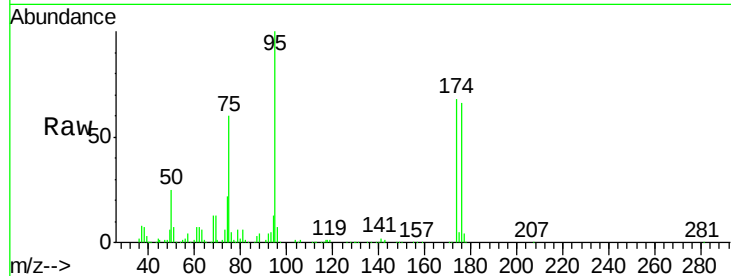
Instrument :
MSVOA_N
ClientSampleId :
T12-B4-(0)

Tot Ion	Ratio	Resp	Lower	Upper
95	100	211398		
174	68.6	0.0	128.0	
176	65.8	0.0	128.0	

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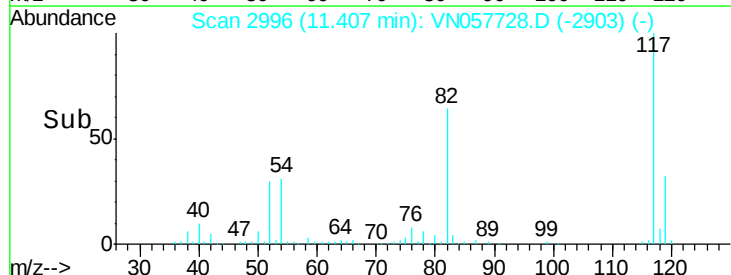
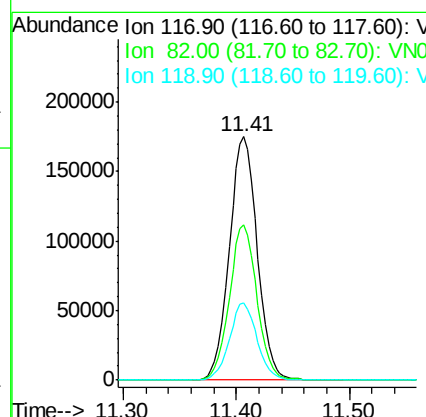
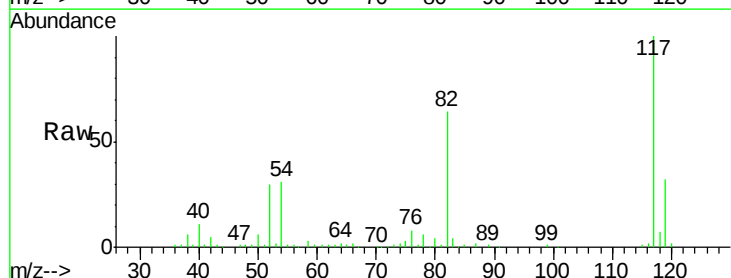
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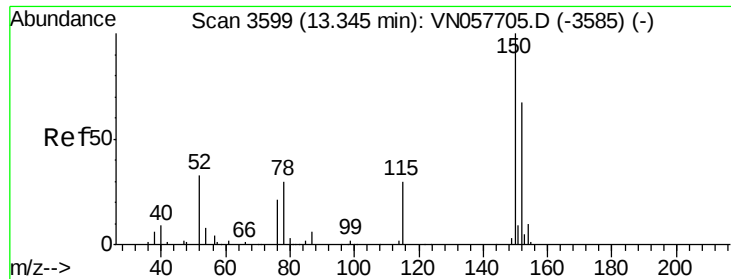
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057728.D
Acq: 6 Sep 2019 21:11

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	299840		
82	63.8	51.4	77.0	
119	31.6	25.4	38.2	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057728.D

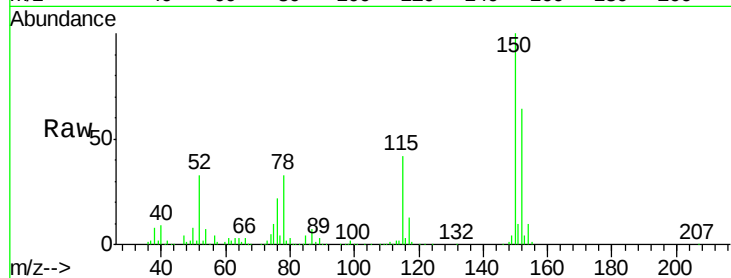
Acq: 6 Sep 2019 21:11

Instrument :

MSVOA_N

ClientSampleId :

T12-B4-(0)



Tot Ion:152 Resp: 152499

Ion Ratio Lower Upper

152 100

115 64.9 33.8 101.3

150 152.7 0.0 345.4

Manual Integrations

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