

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090619\
 Data File : VN057730.D
 Acq On : 6 Sep 2019 21:55
 Operator : JC/SP
 Sample : K4580-29
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T12-B2-(3.5)

Manual Integrations
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 9/10/2019 9:56:54 AM

Quant Time: Sep 07 00:04:59 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	194054	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	324060	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	295591	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	148944	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	248611	52.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.32%	
35) Dibromofluoromethane	7.57	113	150086	50.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.70%	
50) Toluene-d8	10.08	98	577313	52.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.74%	
62) 4-Bromofluorobenzene	12.40	95	208777	46.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.06%	
Target Compounds						
16) Acetone	3.80	43	10941	7.531	ug/l	93
20) Methylene Chloride	4.53	84	5319m	1.693	ug/l	
43) Isopropyl Acetate	8.15	43	68148	8.295	ug/l	99

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

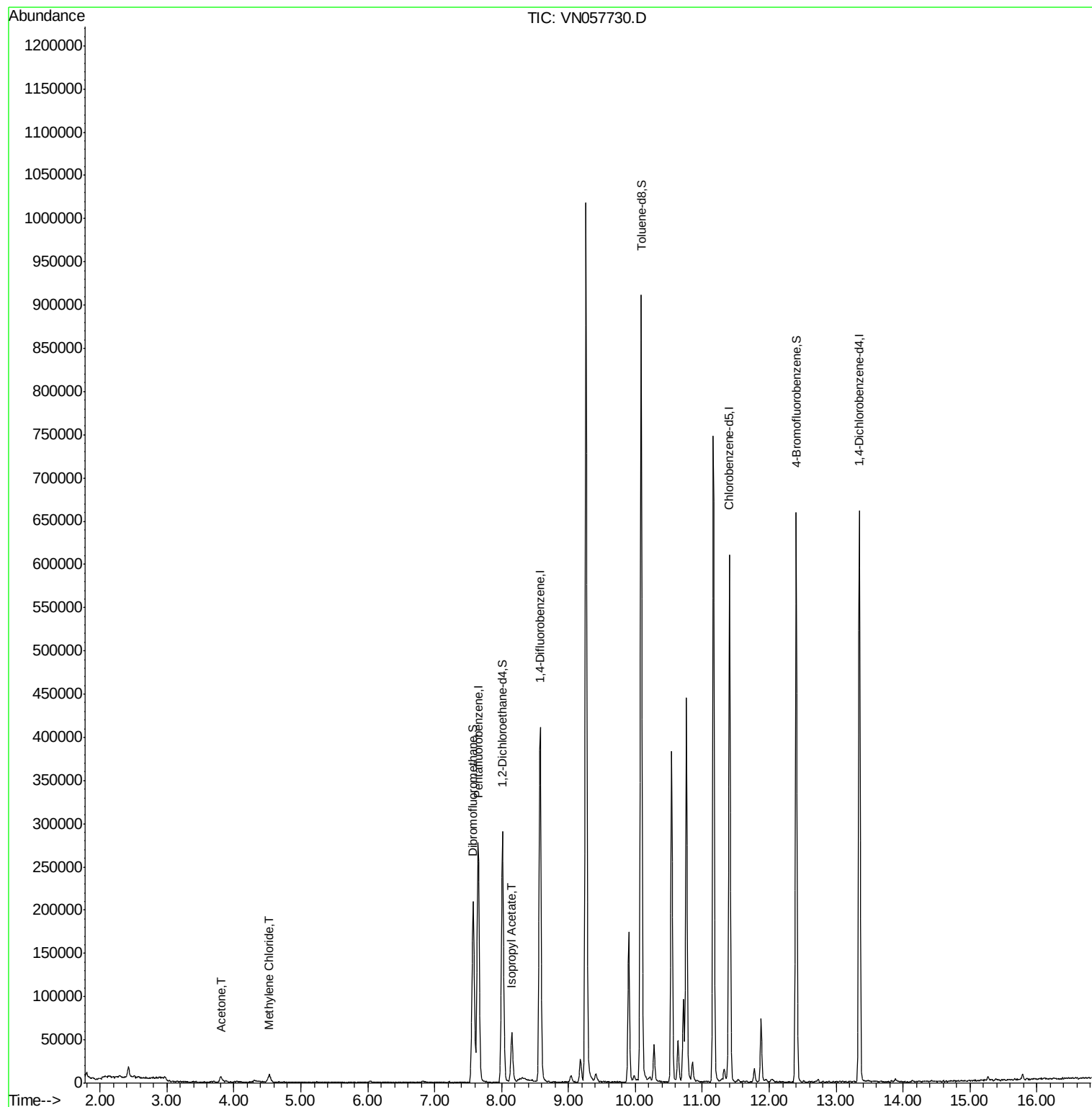
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN090619\
Data File : VN057730.D
Acq On : 6 Sep 2019 21:55
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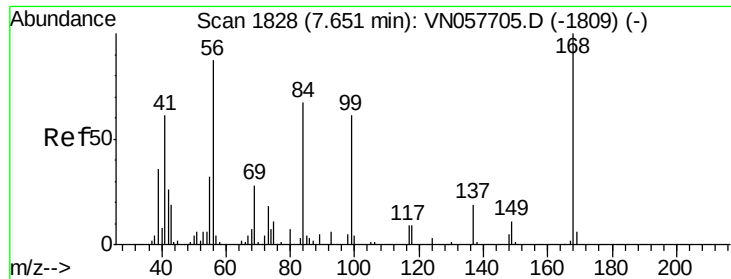
Instrument :
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Quant Title : SW846 8260
QLast Update : Fri Sep 06 03:46:54 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN057730.D

Acq: 6 Sep 2019 21:55

Instrument :

MSVOA_N

ClientSampleId :

T12-B2-(3.5)

Tot Ion:168 Resp: 194054

Ion Ratio Lower Upper

168 100

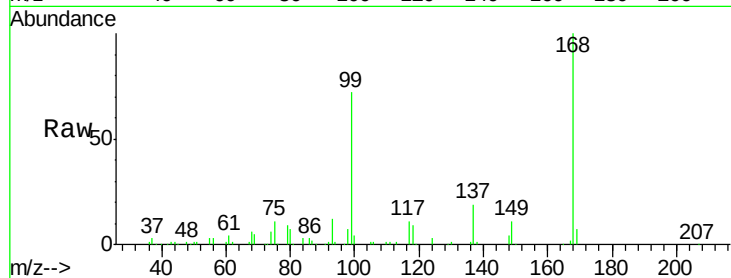
99 71.8 57.4 86.0

Manual Integrations

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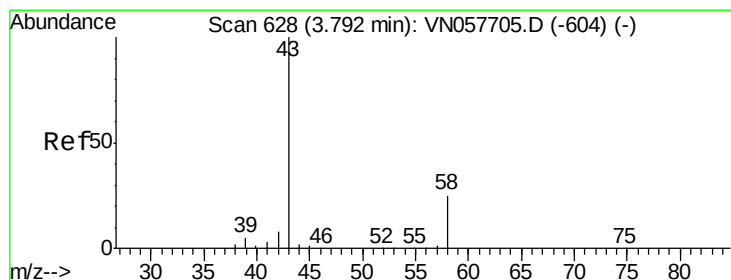
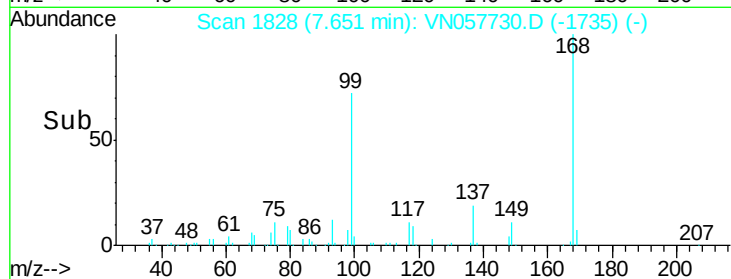
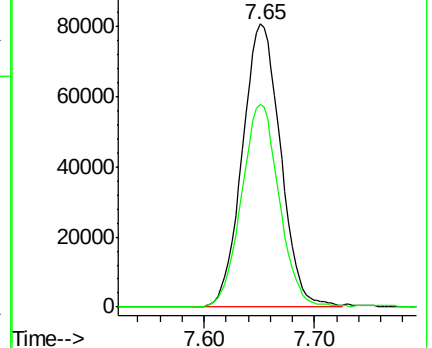
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 7.531 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN057730.D

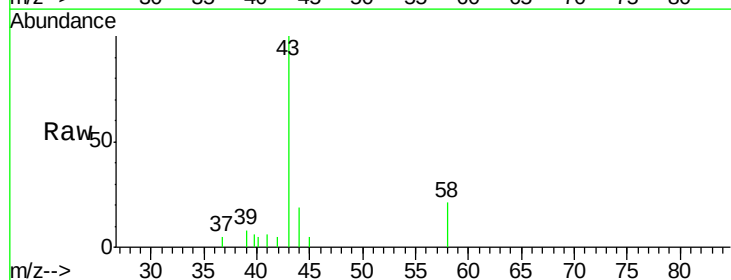
Acq: 6 Sep 2019 21:55

Tgt Ion: 43 Resp: 10941

Ion Ratio Lower Upper

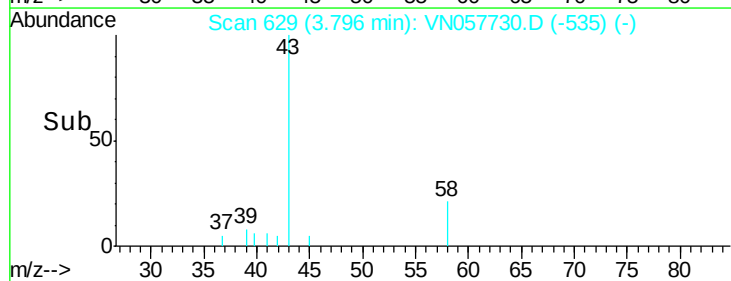
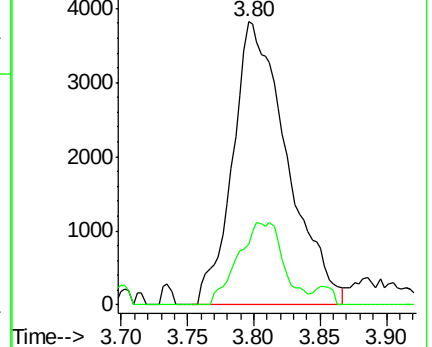
43 100

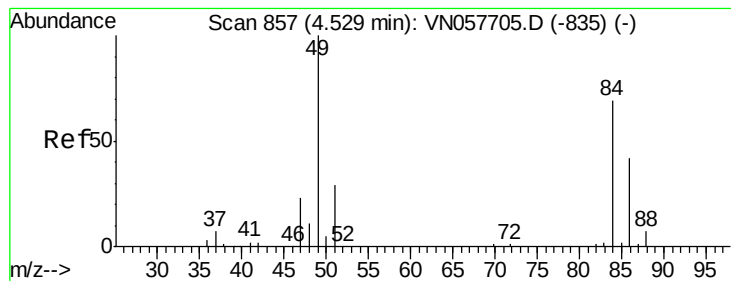
58 21.4 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN





#20

Methylene Chloride

Concen: 1.693 ug/l m

RT: 4.53 min Scan# 857

Delta R.T. -0.00 min

Lab File: VN057730.D

Acq: 6 Sep 2019 21:55

Instrument :

MSVOA_N

ClientSampleId :

T12-B2-(3.5)

Tot Ion: 84 Resp: 5319

Ion Ratio Lower Upper

84 100

49 131.7 115.0 172.6

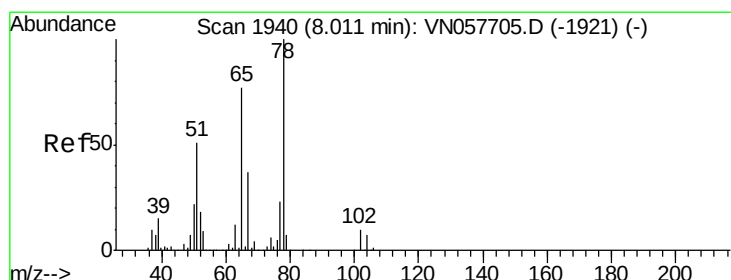
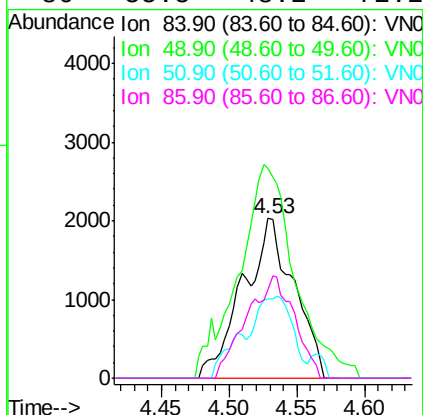
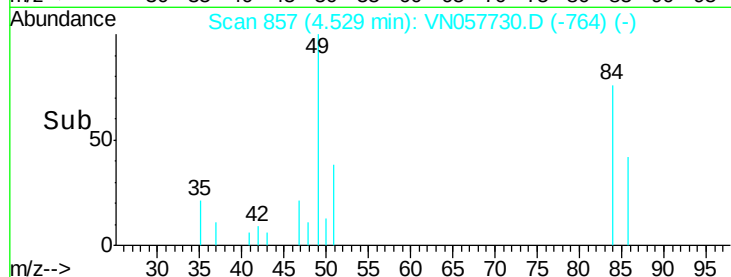
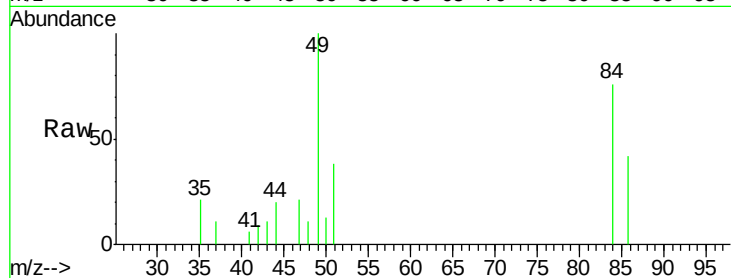
51 49.9 33.8 50.8

86 55.5 48.2 72.2

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#33

1,2-Dichloroethane-d4

Concen: 52.664 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN057730.D

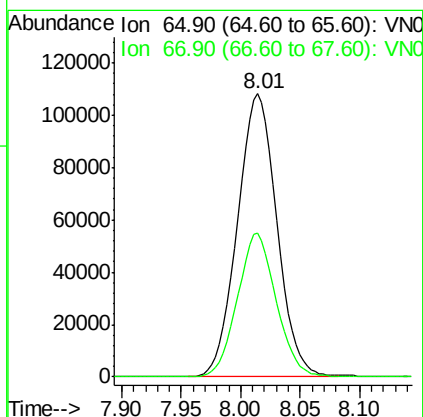
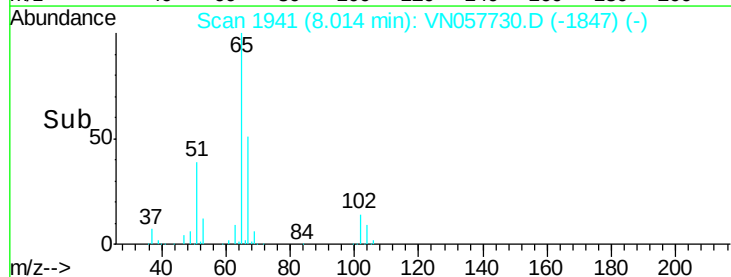
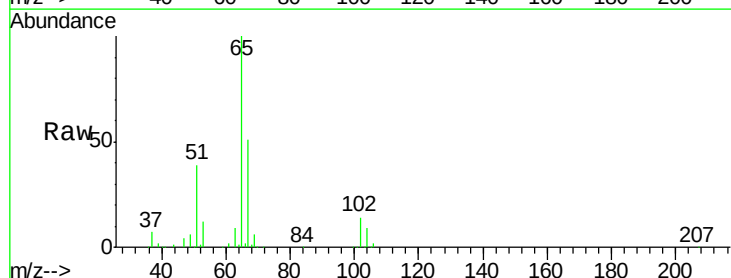
Acq: 6 Sep 2019 21:55

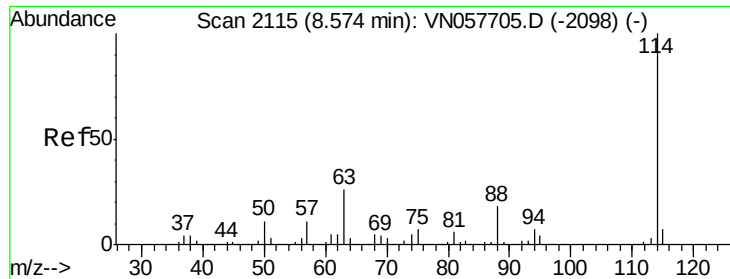
Tgt Ion: 65 Resp: 248611

Ion Ratio Lower Upper

65 100

67 49.9 0.0 98.2





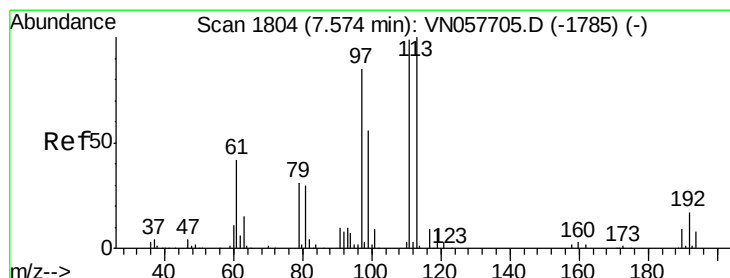
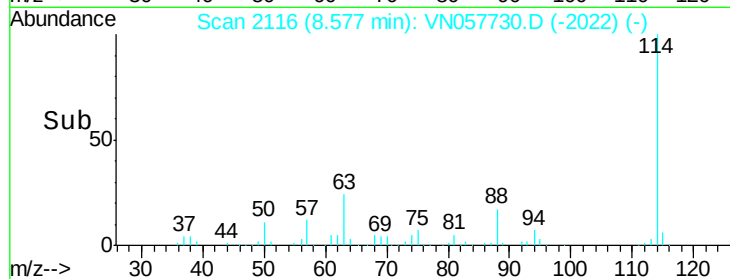
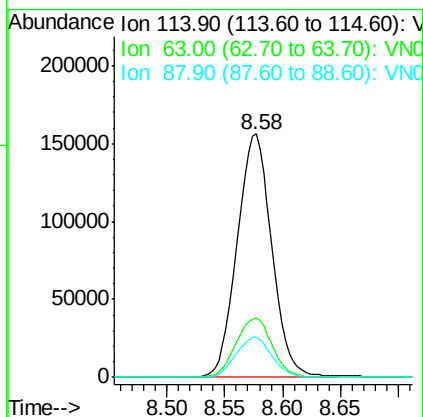
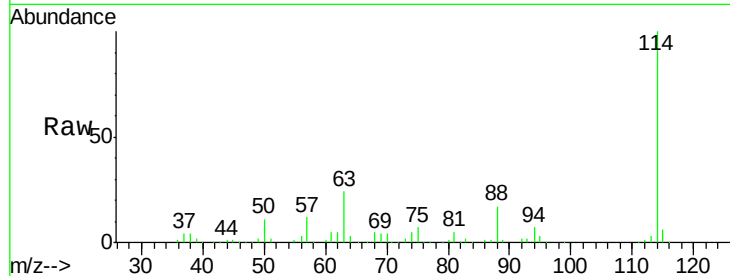
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057730.D
 Acq: 6 Sep 2019 21:55

Instrument :
 MSVOA_N
 ClientSampleId :
 T12-B2-(3.5)

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	24.3	0.0	52.4
88	16.5	0.0	35.4

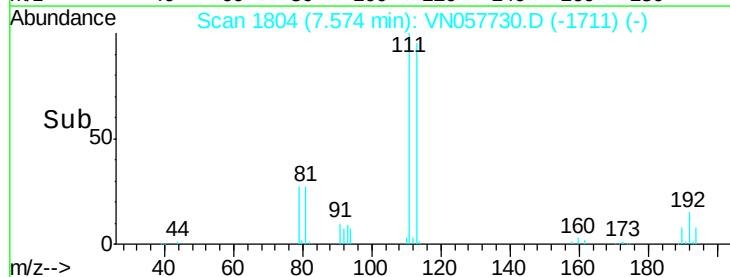
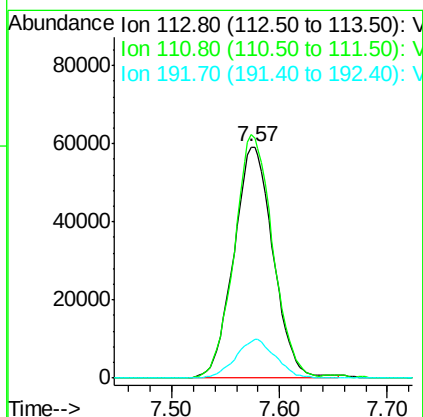
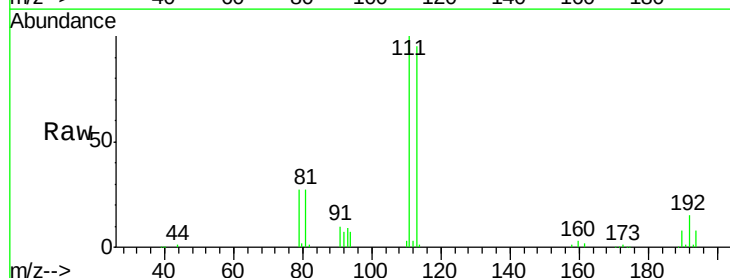
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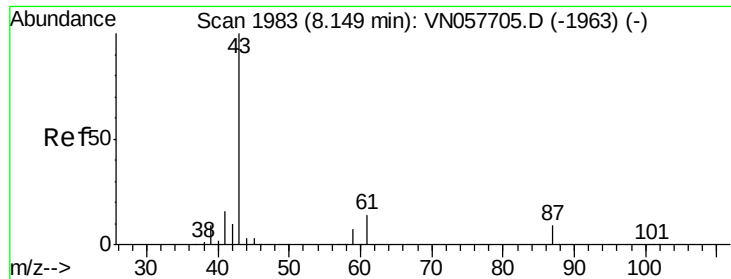
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#35
 Dibromofluoromethane
 Concen: 50.847 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN057730.D
 Acq: 6 Sep 2019 21:55

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	103.0	82.7	124.1
192	16.9	13.8	20.6





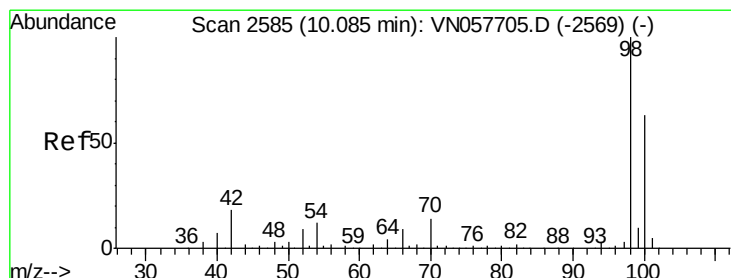
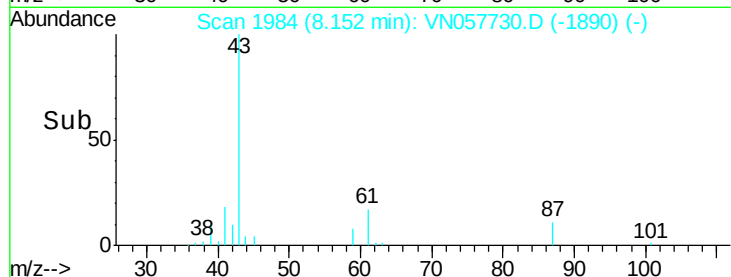
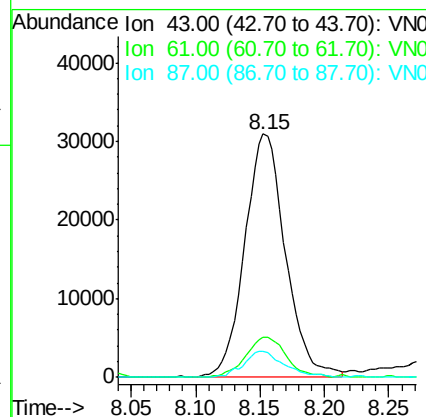
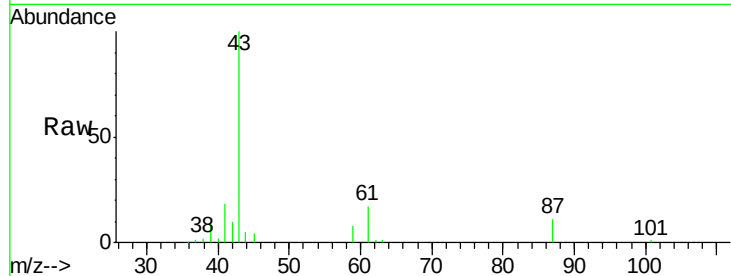
#43
Isopropyl Acetate
Concen: 8.295 ug/l
RT: 8.15 min Scan# 1984
Delta R.T. 0.00 min
Lab File: VN057730.D
Acq: 6 Sep 2019 21:55

Instrument :
MSVOA_N
ClientSampleId :
T12-B2-(3.5)

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.4	12.8	19.2
87	10.6	7.8	11.8

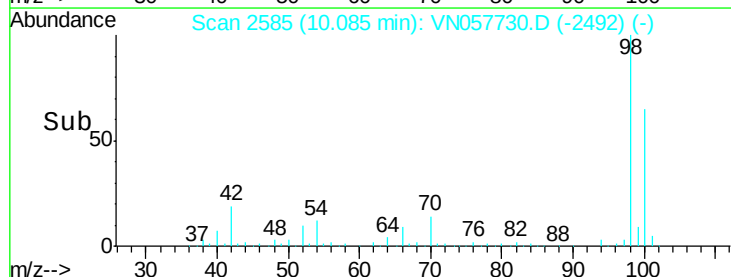
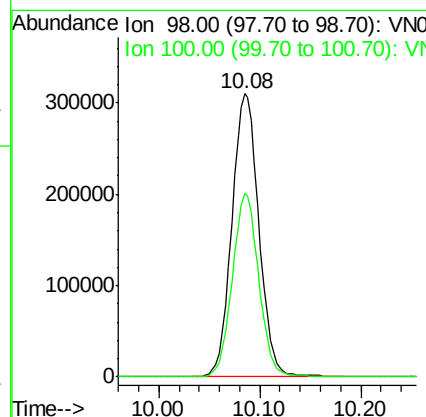
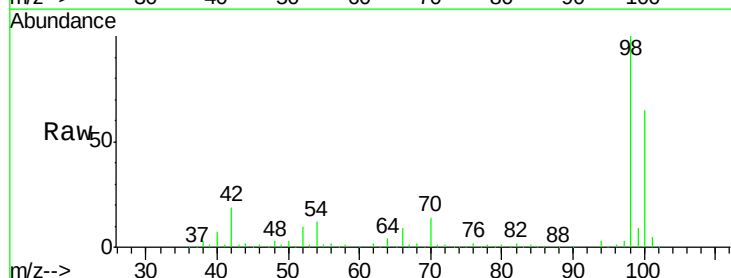
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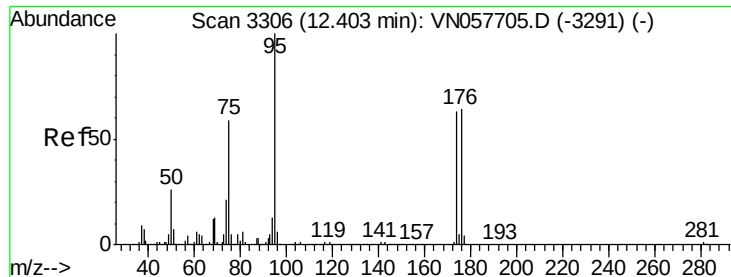
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#50
Toluene-d8
Concen: 52.872 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN057730.D
Acq: 6 Sep 2019 21:55

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.3	50.7	76.1





#62

4-Bromofluorobenzene

Concen: 46.034 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.00 min

Lab File: VN057730.D

Acq: 6 Sep 2019 21:55

Instrument :

MSVOA_N

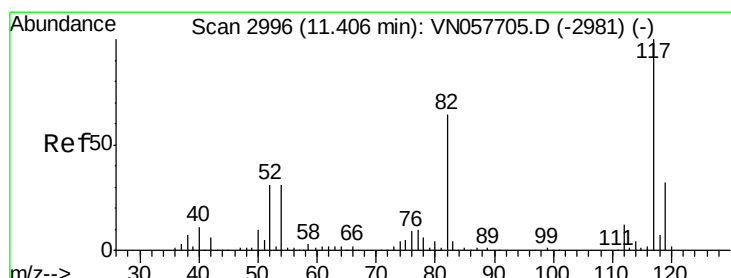
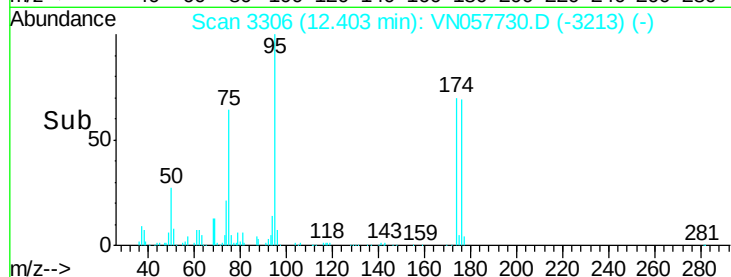
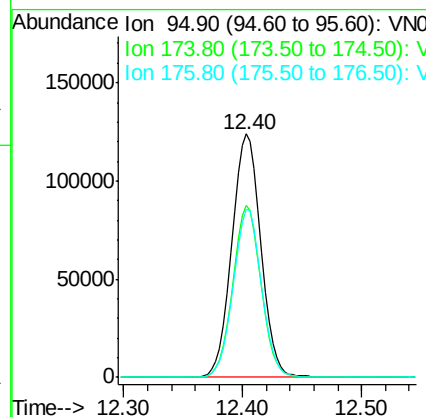
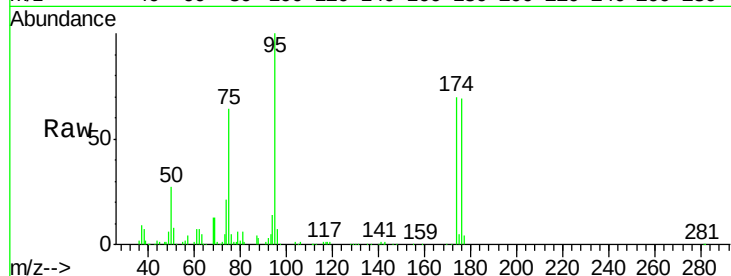
ClientSampleId :

T12-B2-(3.5)

Tot Ion:	95	Resp:	208777
Ion Ratio	Lower	Upper	
95	100		
174	68.7	0.0	128.0
176	67.7	0.0	128.0

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

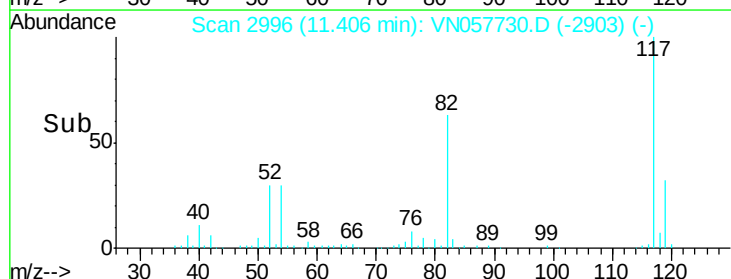
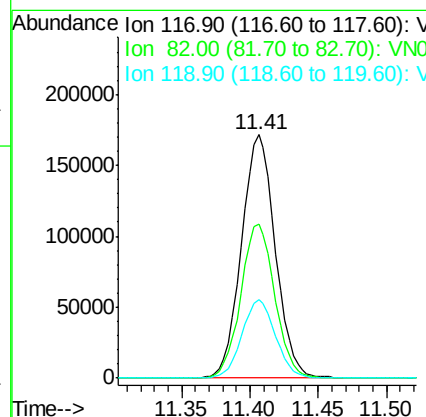
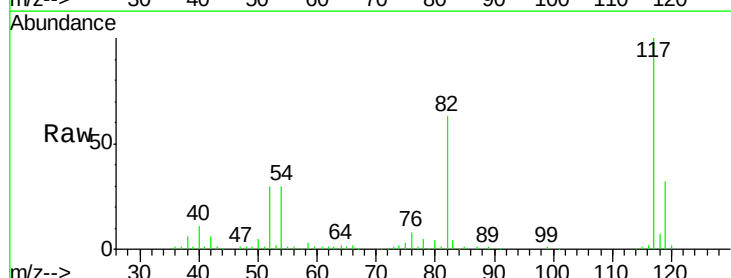
RT: 11.41 min Scan# 2996

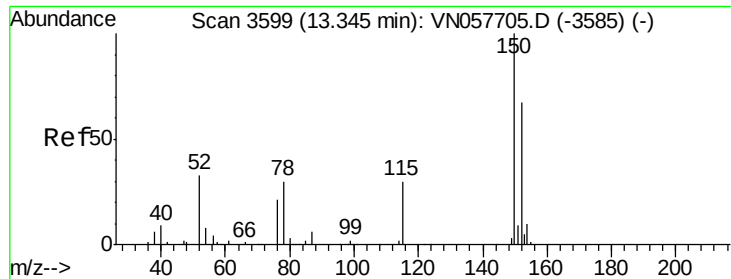
Delta R.T. 0.00 min

Lab File: VN057730.D

Acq: 6 Sep 2019 21:55

Tgt Ion:	117	Resp:	295591
Ion Ratio	Lower	Upper	
117	100		
82	63.0	51.4	77.0
119	32.1	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: VN057730.D

Acq: 6 Sep 2019 21:55

Instrument :

MSVOA_N

ClientSampleId :

T12-B2-(3.5)

Tot Ion:	152	Resp:	148944
Ion Ratio	Lower	Upper	
152	100		
115	66.0	33.8	101.3
150	155.4	0.0	345.4

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