

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102519\
 Data File : VN058964.D
 Acq On : 24 Oct 2019 16:18
 Operator : JC/SP
 Sample : K5507-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S81-ER-2019-2

Manual Integrations
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MMDadoda
 10/26/2019 1:16:22 AM

Quant Time: Oct 25 01:24:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 19 00:16:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	351596	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	554920	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	493071	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	175013	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	266441	51.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.34%	
35) Dibromofluoromethane	7.57	113	190191	52.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.26%	
50) Toluene-d8	10.09	98	712115	50.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.56%	
62) 4-Bromofluorobenzene	12.40	95	223893	43.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.10%	
Target Compounds						
20) Methylene Chloride	4.52	84	6220m	1.430	ug/l	Qvalue
29) Tetrahydrofuran	7.20	42	38364	18.960	ug/l	100

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

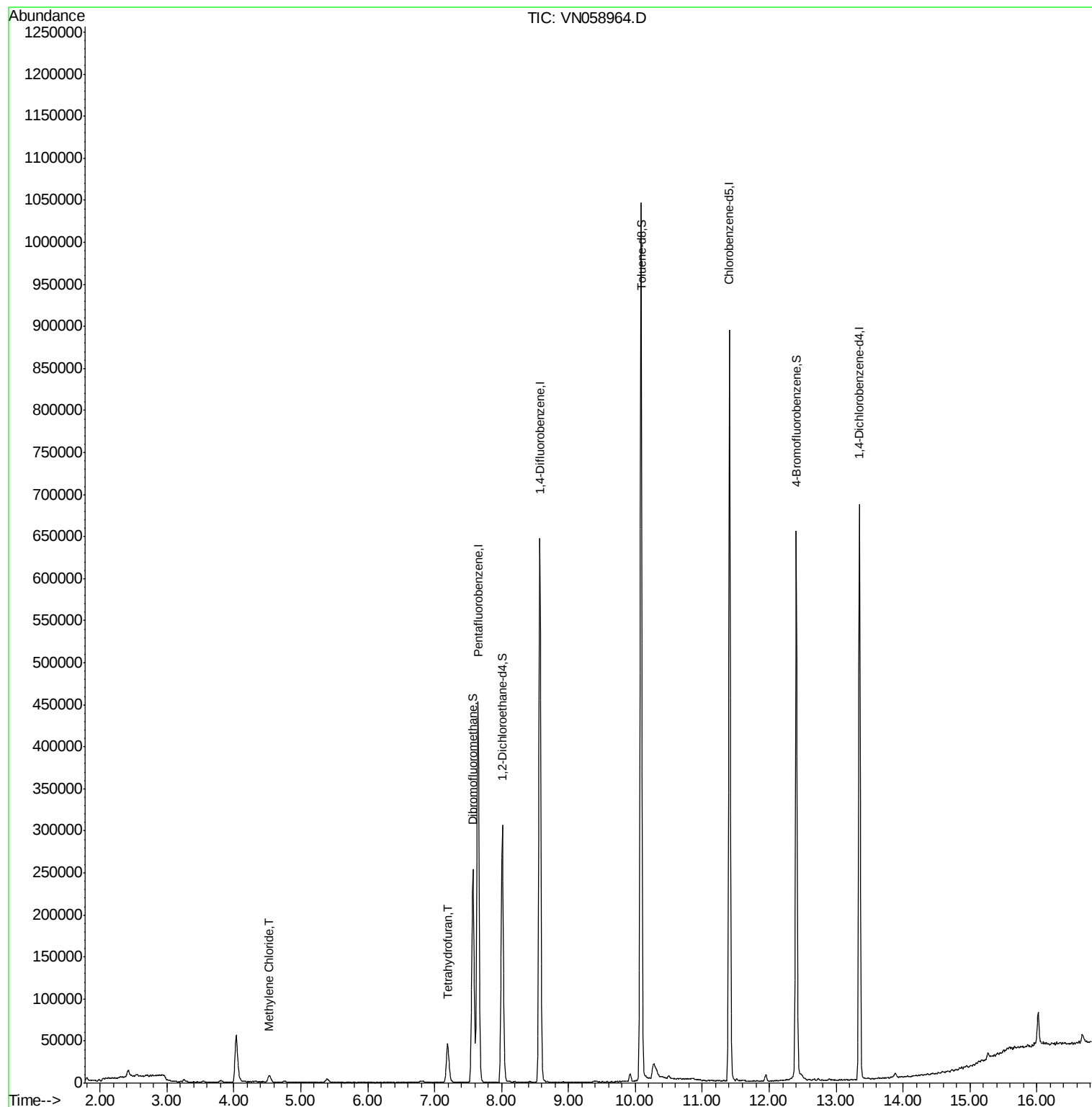
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Data File : VN058964.D
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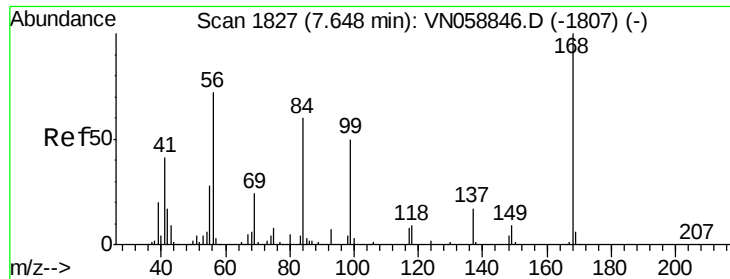
Instrument :
MSVOA_N
ClientSampleId :
S81-ER-2019-2

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Quant Time: Oct 25 01:24:33 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 19 00:16:20 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN058964.D

Acq: 24 Oct 2019 16:18

Instrument :

MSVOA_N

ClientSampleId :

S81-ER-2019-2

Tot Ion:168 Resp: 351596

Ion Ratio Lower Upper

168 100

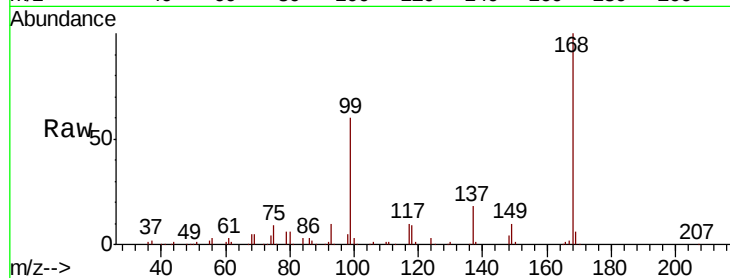
99 60.0 48.1 72.1

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

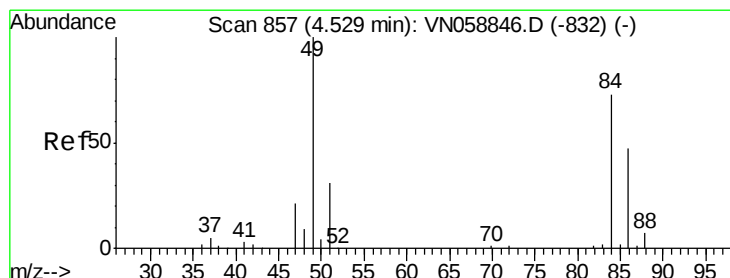
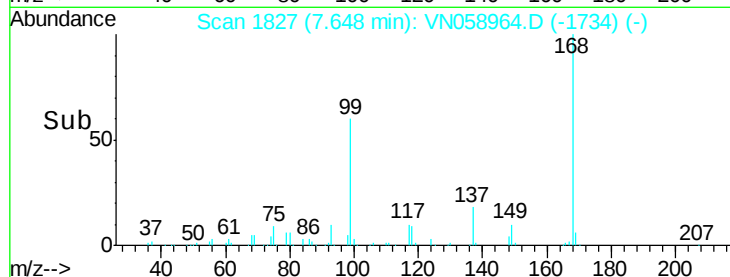
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#20

Methylene Chloride

Concen: 1.430 ug/l m

RT: 4.52 min Scan# 855

Delta R.T. -0.01 min

Lab File: VN058964.D

Acq: 24 Oct 2019 16:18

Tgt Ion: 84 Resp: 6220

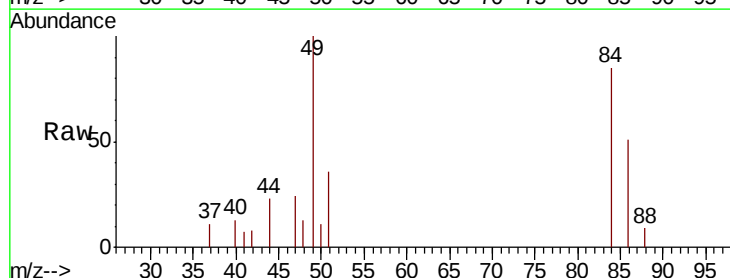
Ion Ratio Lower Upper

84 100

49 118.3 109.6 164.4

51 42.1 33.8 50.6

86 59.8 51.5 77.3



Abundance Ion 83.90 (83.60 to 84.60): VN

Ion 48.90 (48.60 to 49.60): VN

Ion 50.90 (50.60 to 51.60): VN

Ion 85.90 (85.60 to 86.60): VN

4000

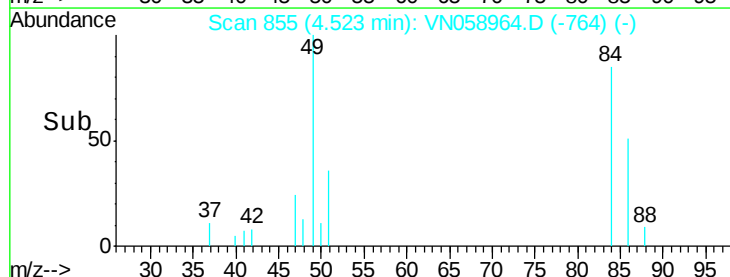
3000

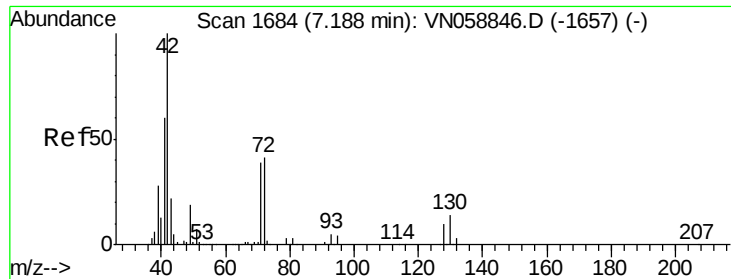
2000

1000

0

Time--> 4.50 4.52 4.54 4.56 4.58 4.60





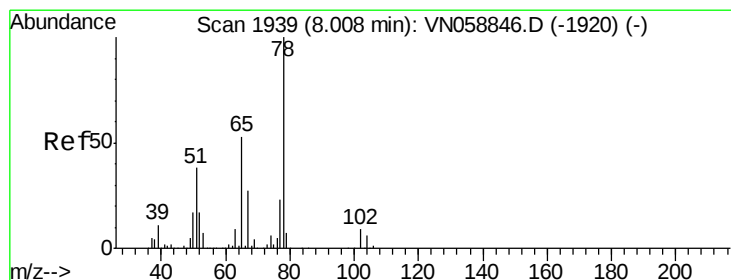
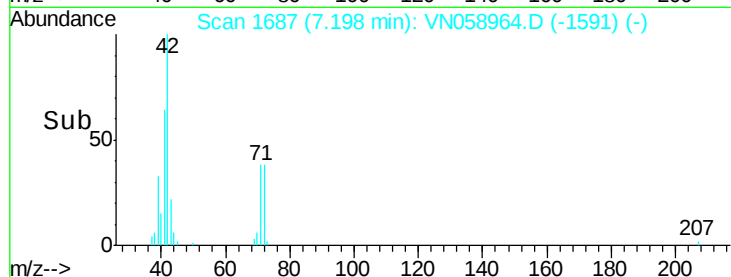
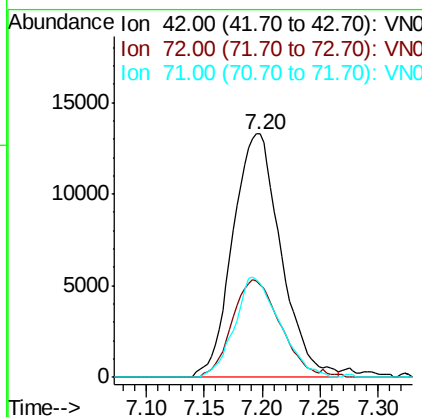
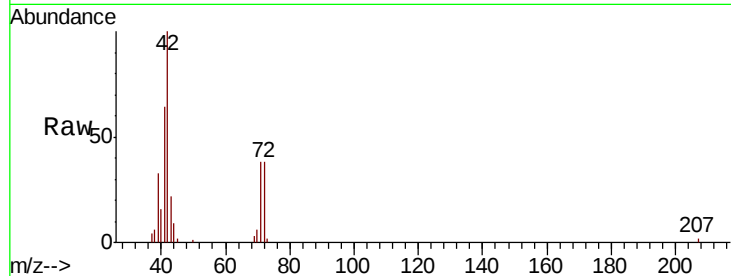
#29
Tetrahydrofuran
Concen: 18.960 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. 0.01 min
Lab File: VN058964.D
Acq: 24 Oct 2019 16:18

Instrument :
MSVOA_N
ClientSampled :
S81-ER-2019-2

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.3	32.2	48.2
71	38.6	30.6	45.8

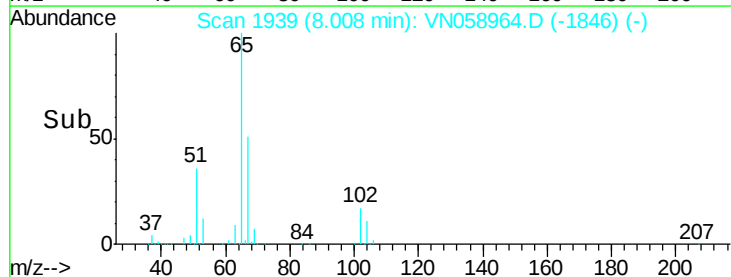
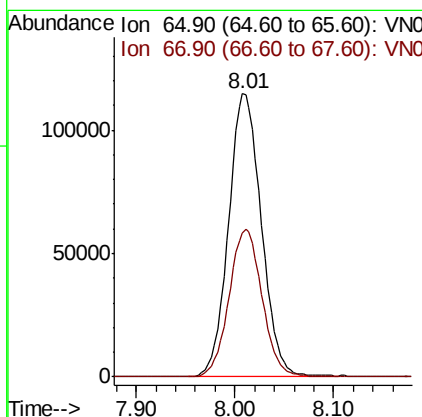
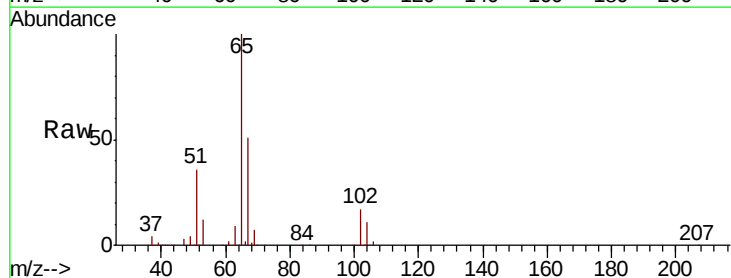
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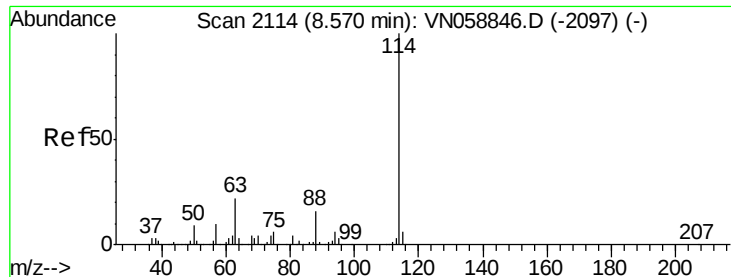
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#33
1,2-Dichloroethane-d4
Concen: 51.669 ug/l
RT: 8.01 min Scan# 1939
Delta R.T. 0.00 min
Lab File: VN058964.D
Acq: 24 Oct 2019 16:18

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	103.2





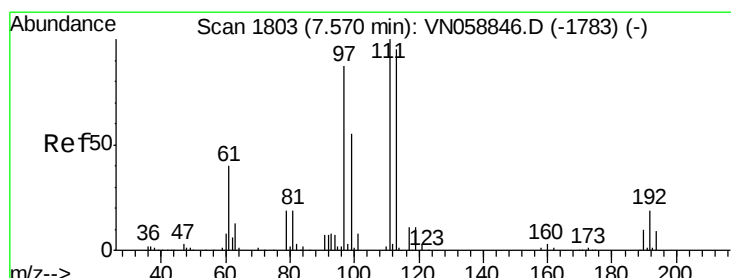
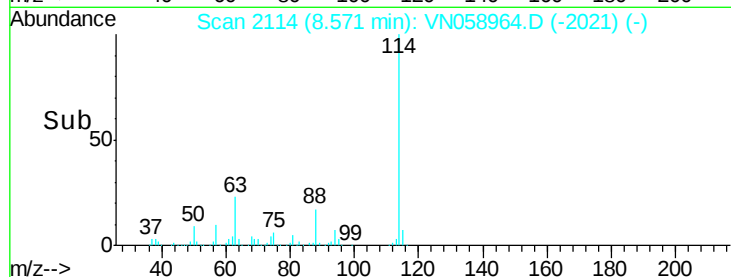
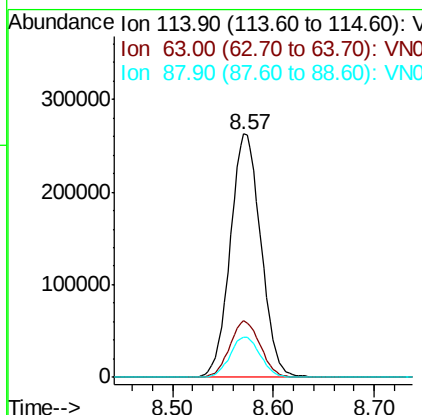
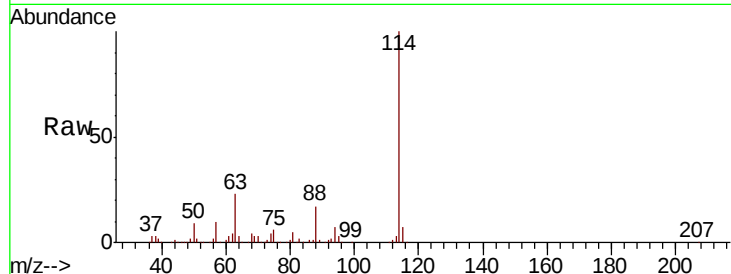
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN058964.D
 Acq: 24 Oct 2019 16:18

Instrument :
 MSVOA_N
 ClientSampleId :
 S81-ER-2019-2

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	23.1	0.0	44.4
88	16.7	0.0	31.4

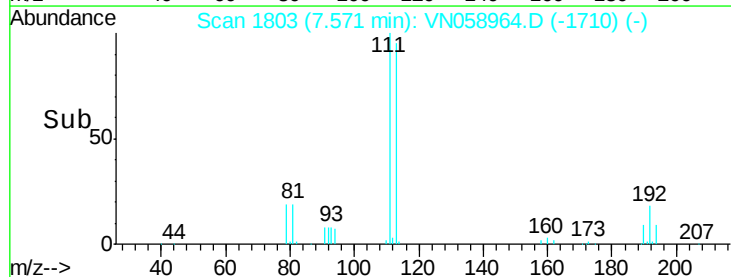
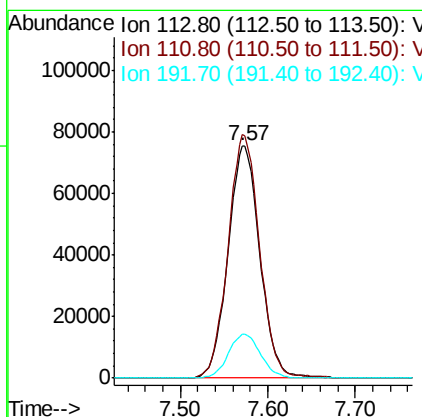
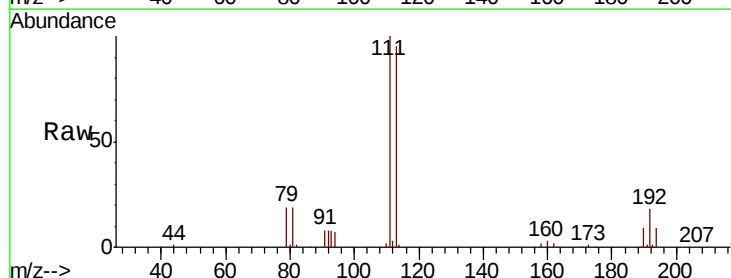
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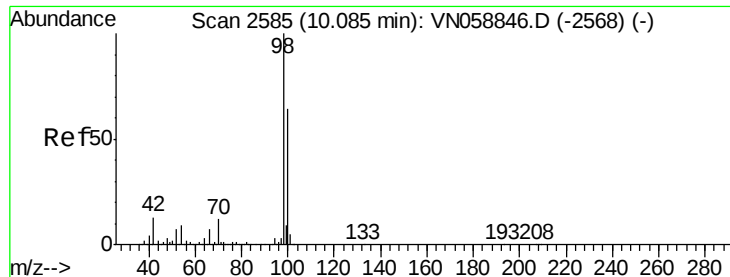
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 10/26/2019 1:16:22 AM



#35
 Dibromofluoromethane
 Concen: 52.129 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN058964.D
 Acq: 24 Oct 2019 16:18

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	104.0	82.0	123.0
192	19.2	15.0	22.6





#50

Toluene-d8

Concen: 50.281 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058964.D

Acq: 24 Oct 2019 16:18

Instrument :

MSVOA_N

ClientSampleId :

S81-ER-2019-2

Tot Ion: 98 Resp: 712115

Ion Ratio Lower Upper

98 100

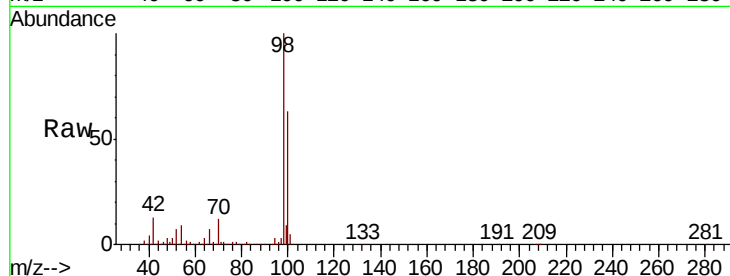
100 63.1 51.4 77.2

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Abundance Ion 98.00 (97.70 to 98.70): VN058846.D (-2568) (-)

Ion 100.00 (99.70 to 100.70): VN058846.D (-2568) (-)

10.09

400000

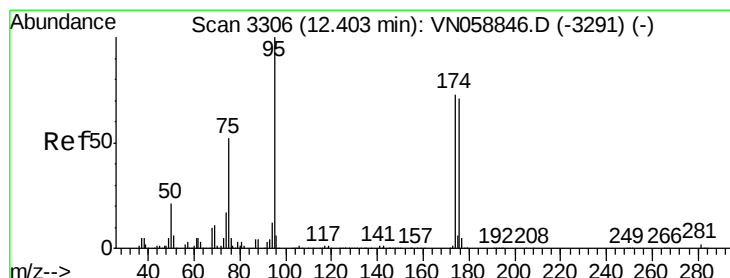
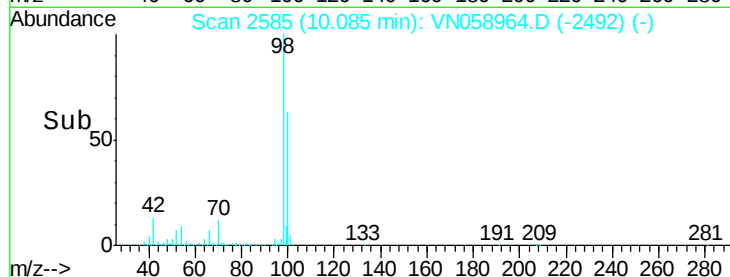
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 43.048 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058964.D

Acq: 24 Oct 2019 16:18

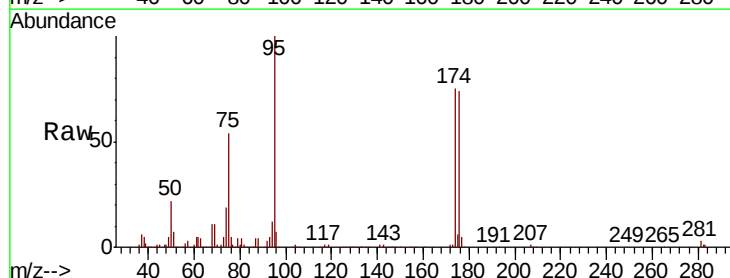
Tgt Ion: 95 Resp: 223893

Ion Ratio Lower Upper

95 100

174 75.7 0.0 147.6

176 73.6 0.0 143.2



Abundance Ion 94.90 (94.60 to 95.60): VN058846.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN058846.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN058846.D (-3291) (-)

12.40

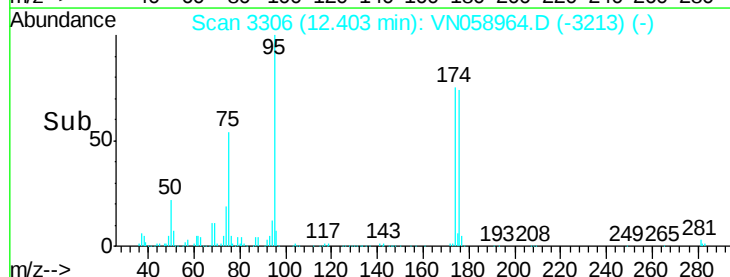
150000

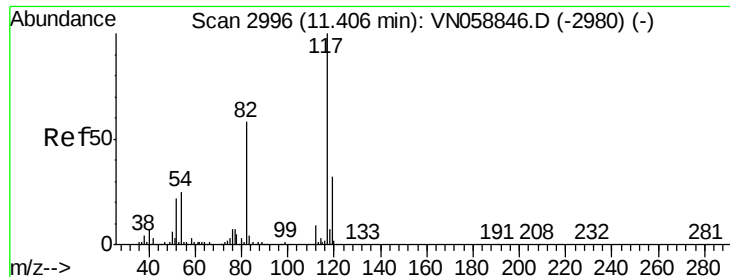
100000

50000

0

Time-->





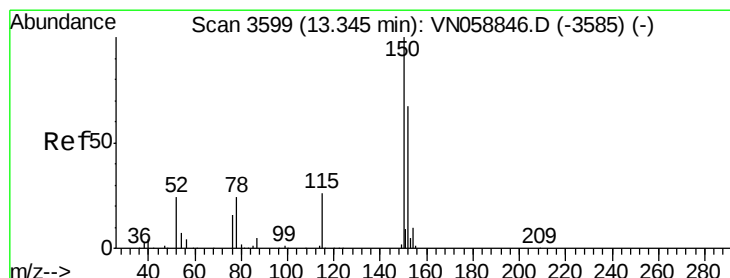
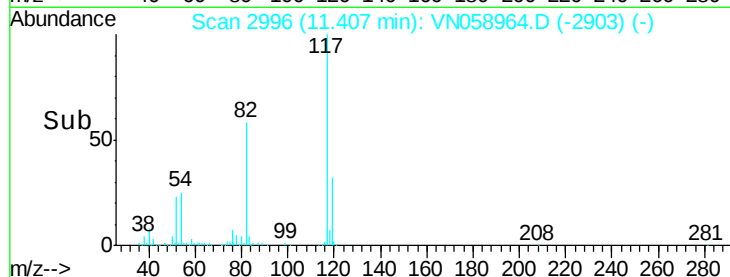
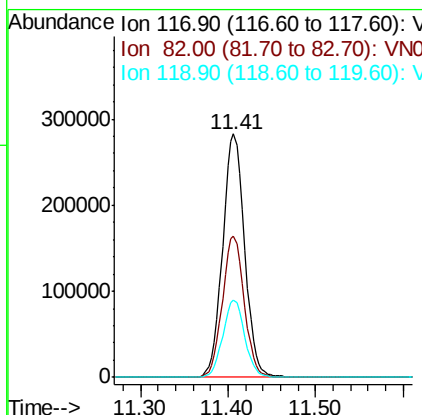
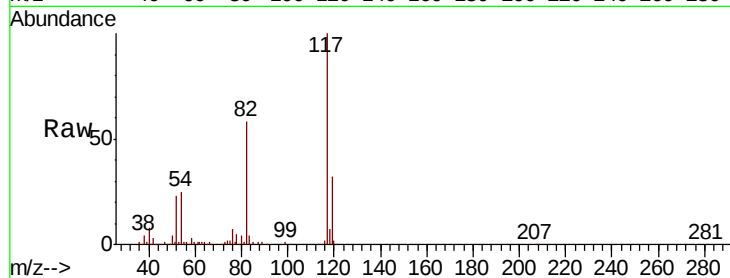
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058964.D
Acq: 24 Oct 2019 16:18

Instrument :
MSVOA_N
ClientSampleId :
S81-ER-2019-2

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.1	46.6	69.8
119	31.9	25.6	38.4

Manual Integrations
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10/26/2019 1:16:22 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN058964.D
Acq: 24 Oct 2019 16:18

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.4	30.5	91.5
150	159.3	0.0	344.4

