

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102419\
 Data File : VN058933.D
 Acq On : 23 Oct 2019 16:30
 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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Quant Time: Oct 24 02:19:20 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	294085	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	499961	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	447418	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	168783	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	238749	55.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.70%	
35) Dibromofluoromethane	7.57	113	172566	52.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.00%	
50) Toluene-d8	10.09	98	593139	46.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.96%	
62) 4-Bromofluorobenzene	12.40	95	192775	41.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.28%	
Target Compounds						
20) Methylene Chloride	4.54	84	6148m	1.689	ug/l	
29) Tetrahydrofuran	7.19	42	37121	21.933	ug/l	99
69) o-Xylene	11.95	106	2211	0.391	ug/l	94

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

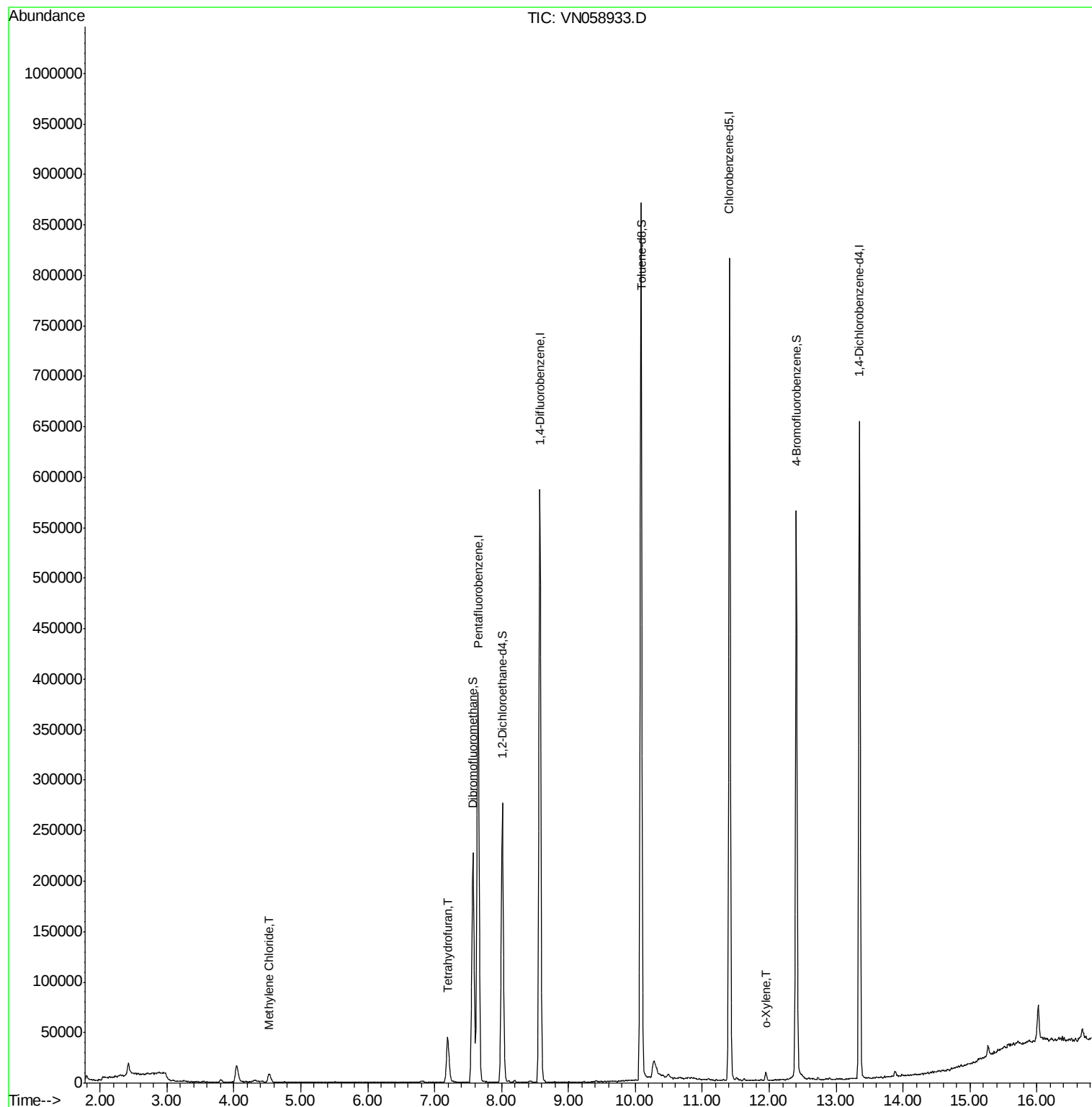
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN102419\
Data File : VN058933.D
Acq On : 23 Oct 2019 16:30
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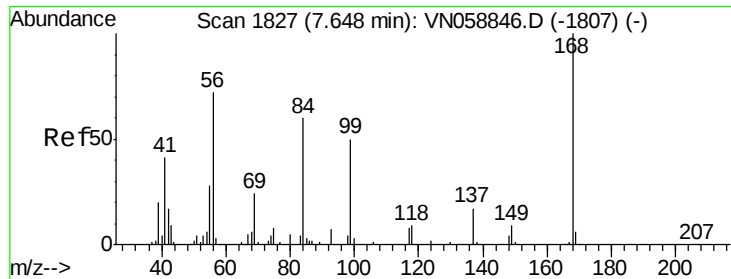
Instrument :
MSVOA_N
ClientSampleId :
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Quant Time: Oct 24 02:19:20 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 19 00:16:20 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN058933.D

Acq: 23 Oct 2019 16:30

Instrument :

MSVOA_N

ClientSampleId :

S81-ER-2019-2

Tot Ion:168 Resp: 294085

Ion Ratio Lower Upper

168 100

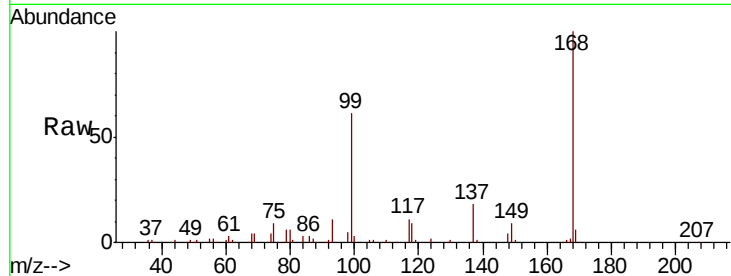
99 60.6 48.1 72.1

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

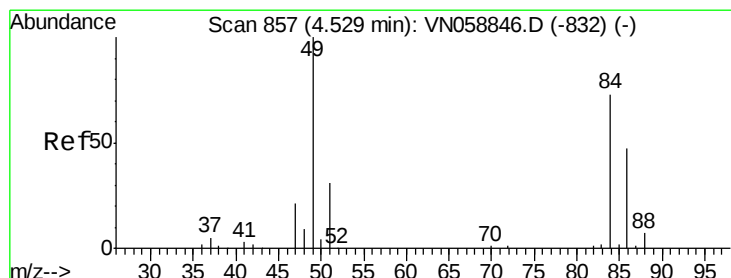
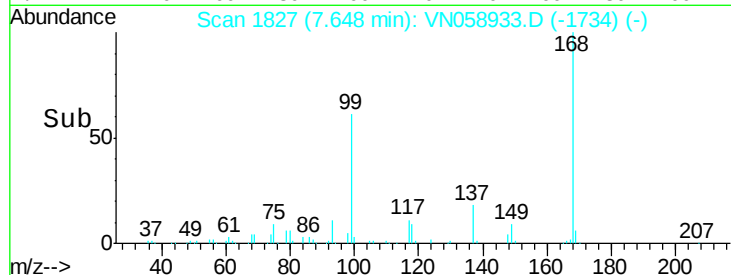
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 1.689 ug/l m

RT: 4.54 min Scan# 859

Delta R.T. 0.01 min

Lab File: VN058933.D

Acq: 23 Oct 2019 16:30

Tgt Ion: 84 Resp: 6148

Ion Ratio Lower Upper

84 100

49 133.5 109.6 164.4

51 44.1 33.8 50.6

86 60.7 51.5 77.3

Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

4000

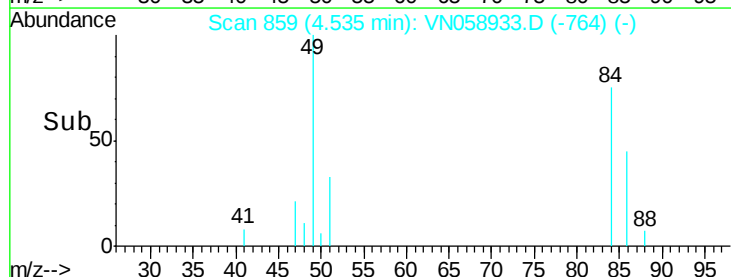
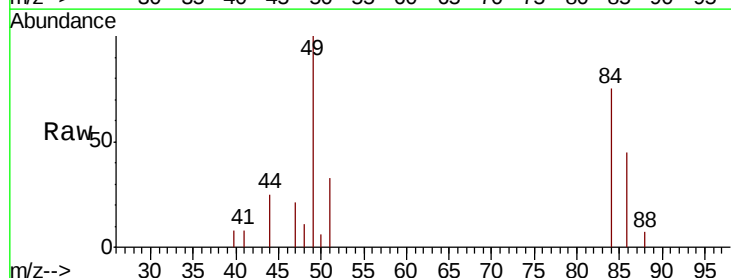
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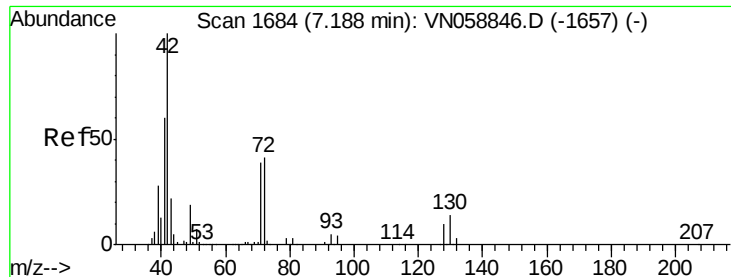
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Time-->





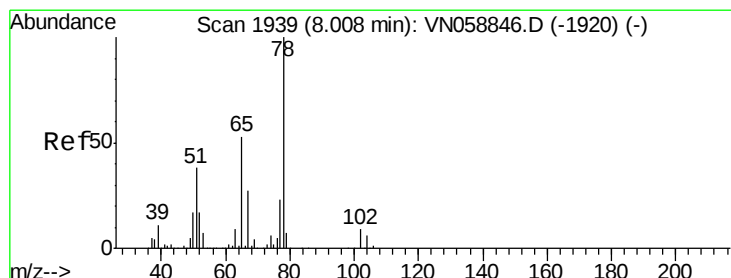
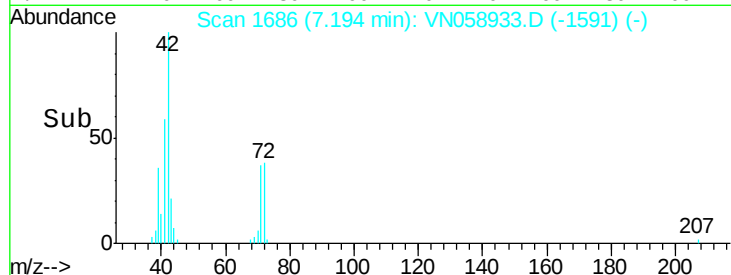
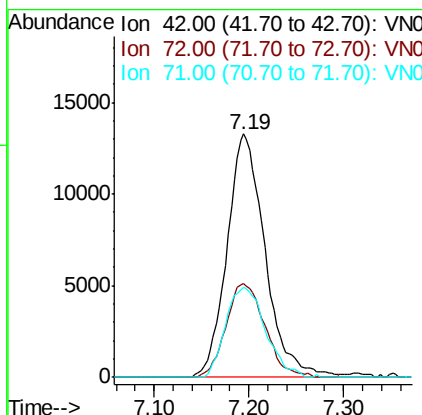
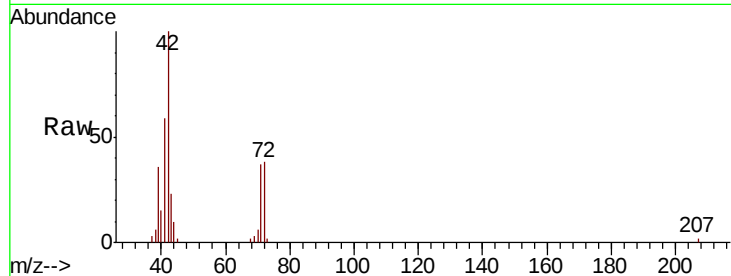
#29
Tetrahydrofuran
Concen: 21.933 ug/l
RT: 7.19 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VN058933.D
Acq: 23 Oct 2019 16:30

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

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.5	32.2	48.2
71	38.5	30.6	45.8

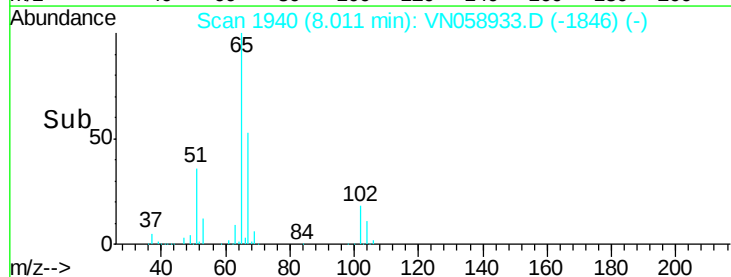
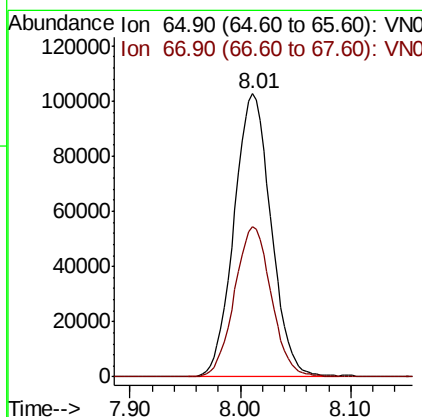
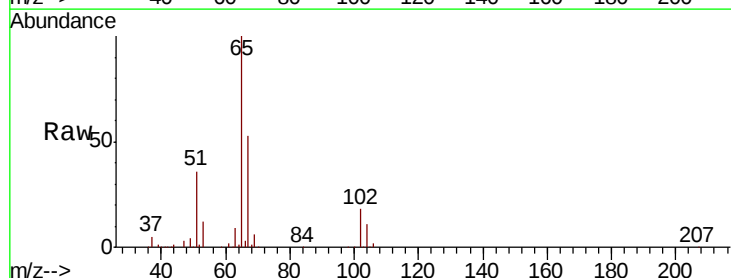
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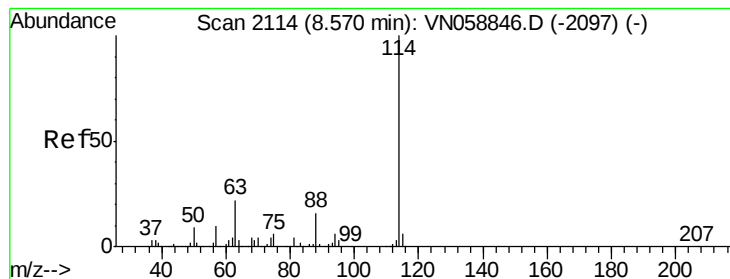
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#33
1,2-Dichloroethane-d4
Concen: 55.353 ug/l
RT: 8.01 min Scan# 1940
Delta R.T. 0.00 min
Lab File: VN058933.D
Acq: 23 Oct 2019 16:30

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. 0.00 min

Lab File: VN058933.D

Acq: 23 Oct 2019 16:30

Instrument :

MSVOA_N

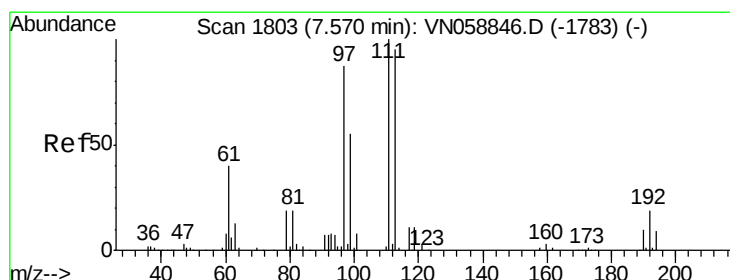
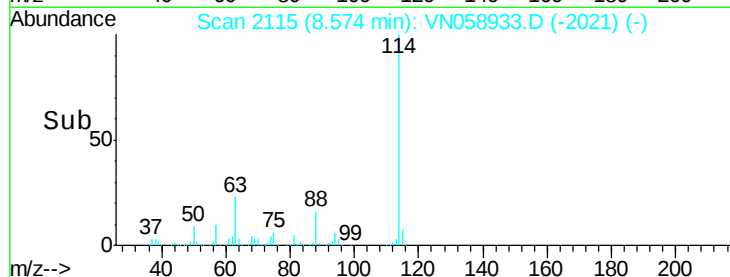
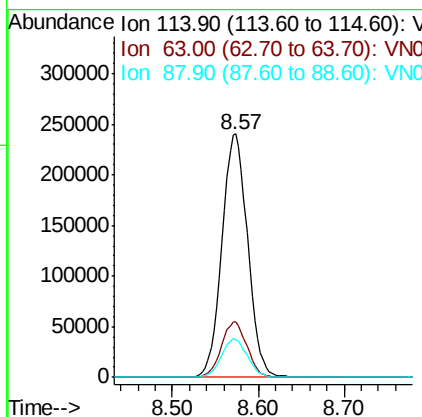
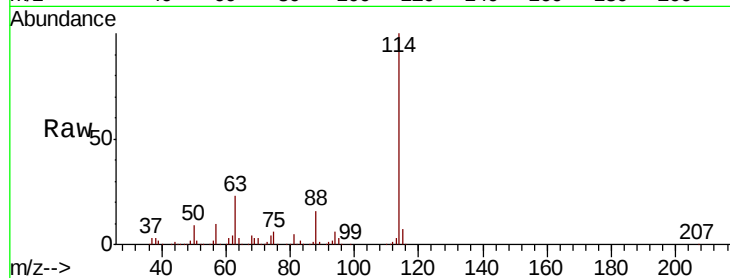
ClientSampleId :

S81-ER-2019-2

Tot Ion	Ion	Ratio	Resp	Lower	Upper
499961	114	100			
	63	22.6	0.0	44.4	
	88	15.7	0.0	31.4	

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#35

Dibromofluoromethane

Concen: 52.498 ug/l

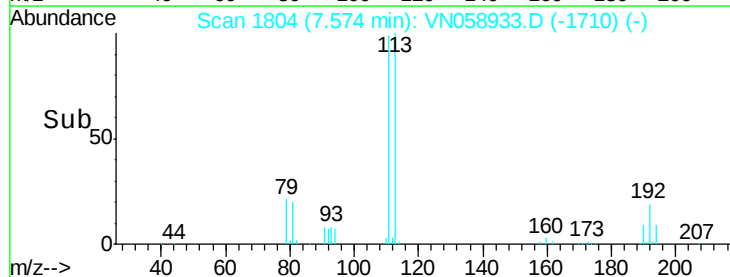
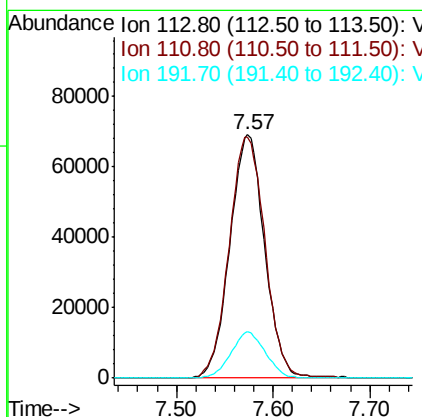
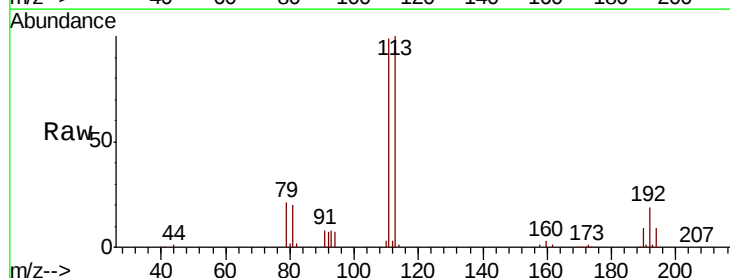
RT: 7.57 min Scan# 1804

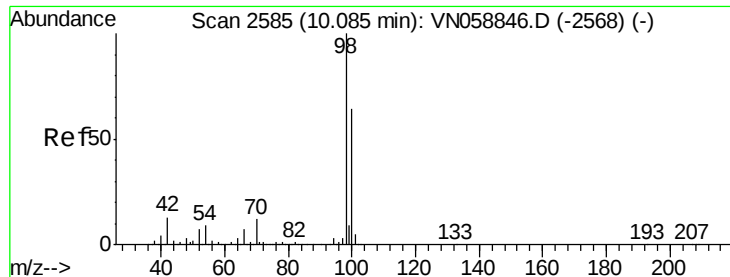
Delta R.T. 0.00 min

Lab File: VN058933.D

Acq: 23 Oct 2019 16:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172566	113	100			
	111	102.3	82.0	123.0	
	192	18.9	15.0	22.6	





#50

Toluene-d8

Concen: 46.484 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058933.D

Acq: 23 Oct 2019 16:30

Instrument :

MSVOA_N

ClientSampleId :

S81-ER-2019-2

Tot Ion: 98 Resp: 593139

Ion Ratio Lower Upper

98 100

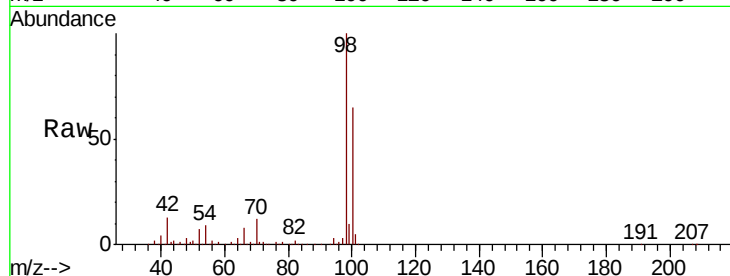
100 63.9 51.4 77.2

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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

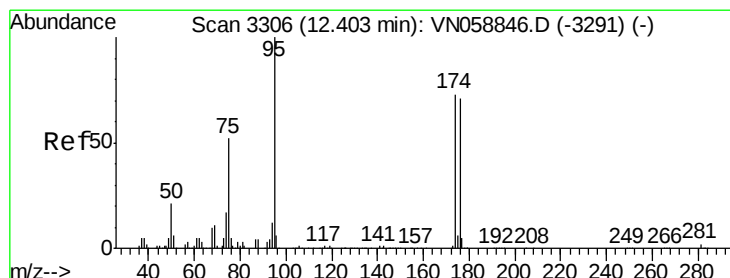
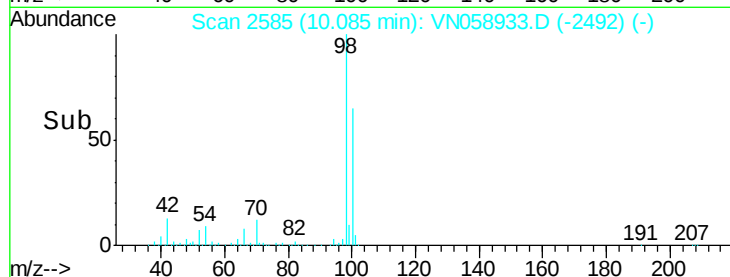
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200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 41.140 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058933.D

Acq: 23 Oct 2019 16:30

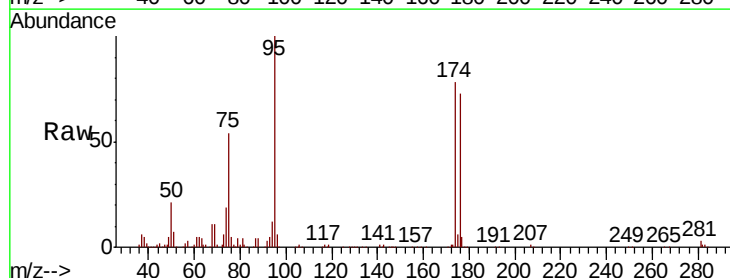
Tgt Ion: 95 Resp: 192775

Ion Ratio Lower Upper

95 100

174 77.0 0.0 147.6

176 74.2 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

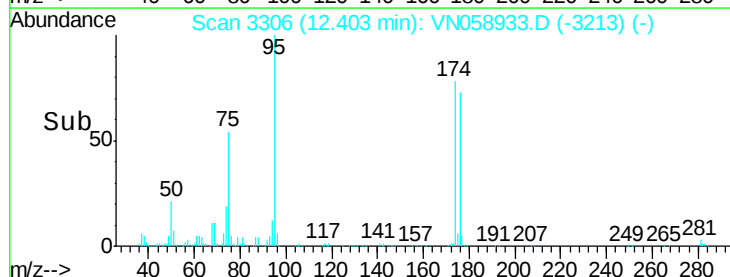
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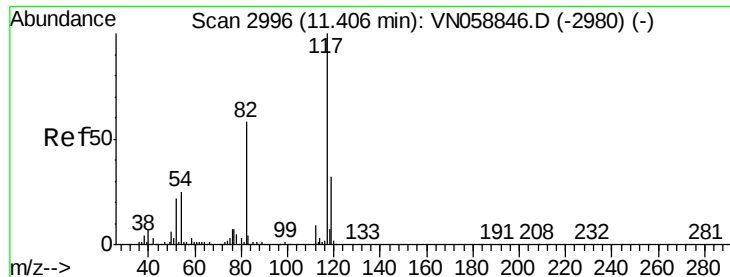
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Time-->





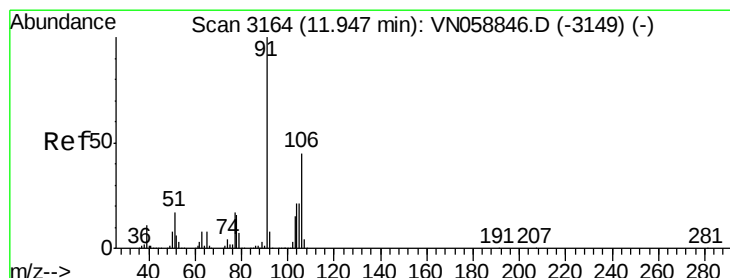
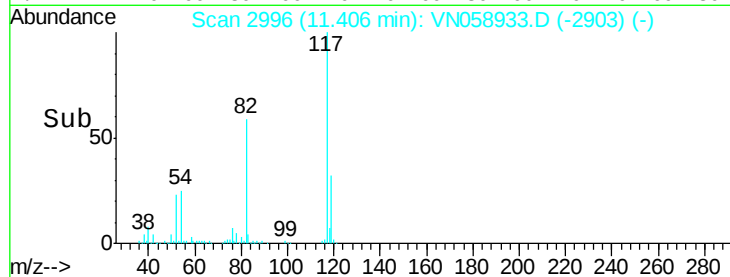
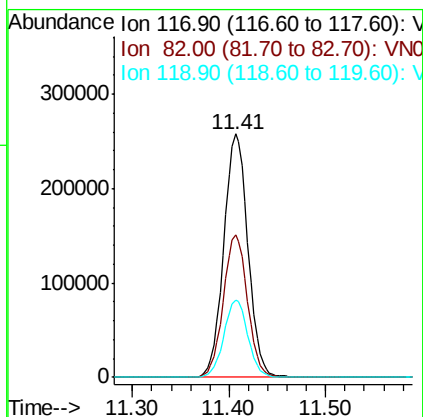
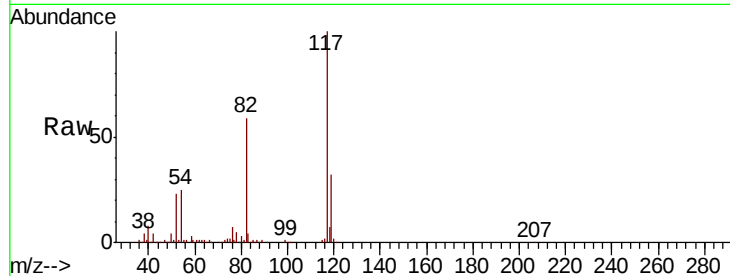
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058933.D
Acq: 23 Oct 2019 16:30

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

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.6	46.6	69.8
119	31.8	25.6	38.4

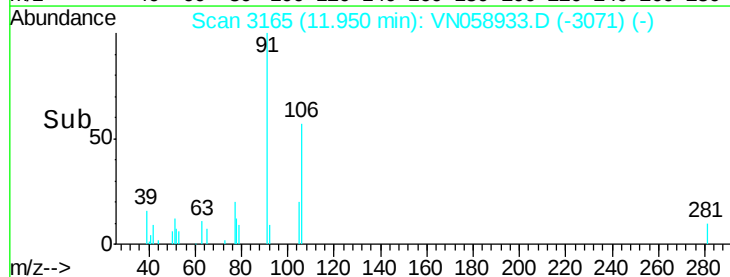
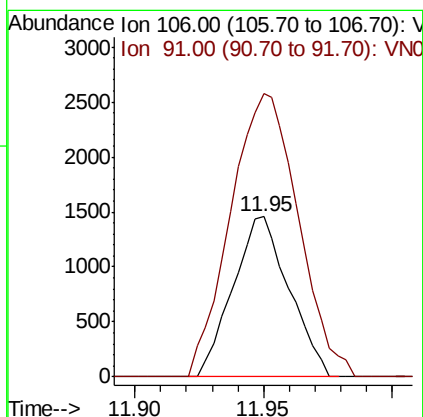
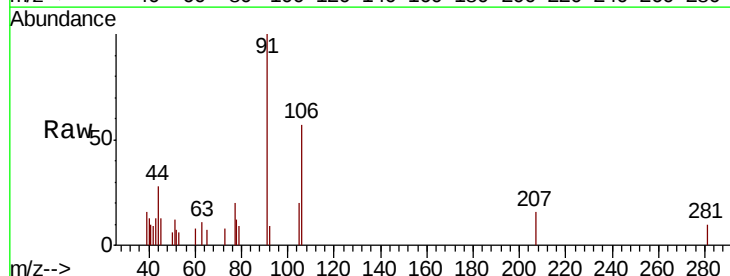
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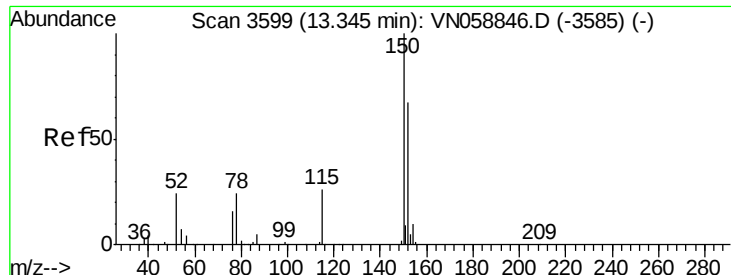
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#69
o-Xylene
Concen: 0.391 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN058933.D
Acq: 23 Oct 2019 16:30

Tgt Ion	Ratio	Lower	Upper
106	100		
91	213.4	111.5	334.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058933.D

Acq: 23 Oct 2019 16:30

Instrument :

MSVOA_N

ClientSampleId :

S81-ER-2019-2

Tot Ion	Ratio	Resp	Lower	Upper
152	100	168783		
115	60.7	30.5	91.5	
150	155.9	0.0	344.4	

Manual Integrations
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