

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091019\
 Data File : VN057854.D
 Acq On : 10 Sep 2019 12:02
 Operator : JC/SP
 Sample : K4622-34
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PAR-11-B4-(0)

Manual Integrations
 APPROVED

MMDadoda
 9/13/2019 8:16:44 AM

Quant Time: Sep 13 05:01:23 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	292053	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	516574	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	484340	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	244404	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	335974	56.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.60%	
35) Dibromofluoromethane	7.58	113	225549	47.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.62%	
50) Toluene-d8	10.09	98	950636	51.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.72%	
62) 4-Bromofluorobenzene	12.40	95	299239	42.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.84%	
Target Compounds						
16) Acetone	3.81	43	13634	7.031	ug/l	96
20) Methylene Chloride	4.53	84	8208m	1.018	ug/l	
43) Isopropyl Acetate	8.15	43	96593m	9.280	ug/l	

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

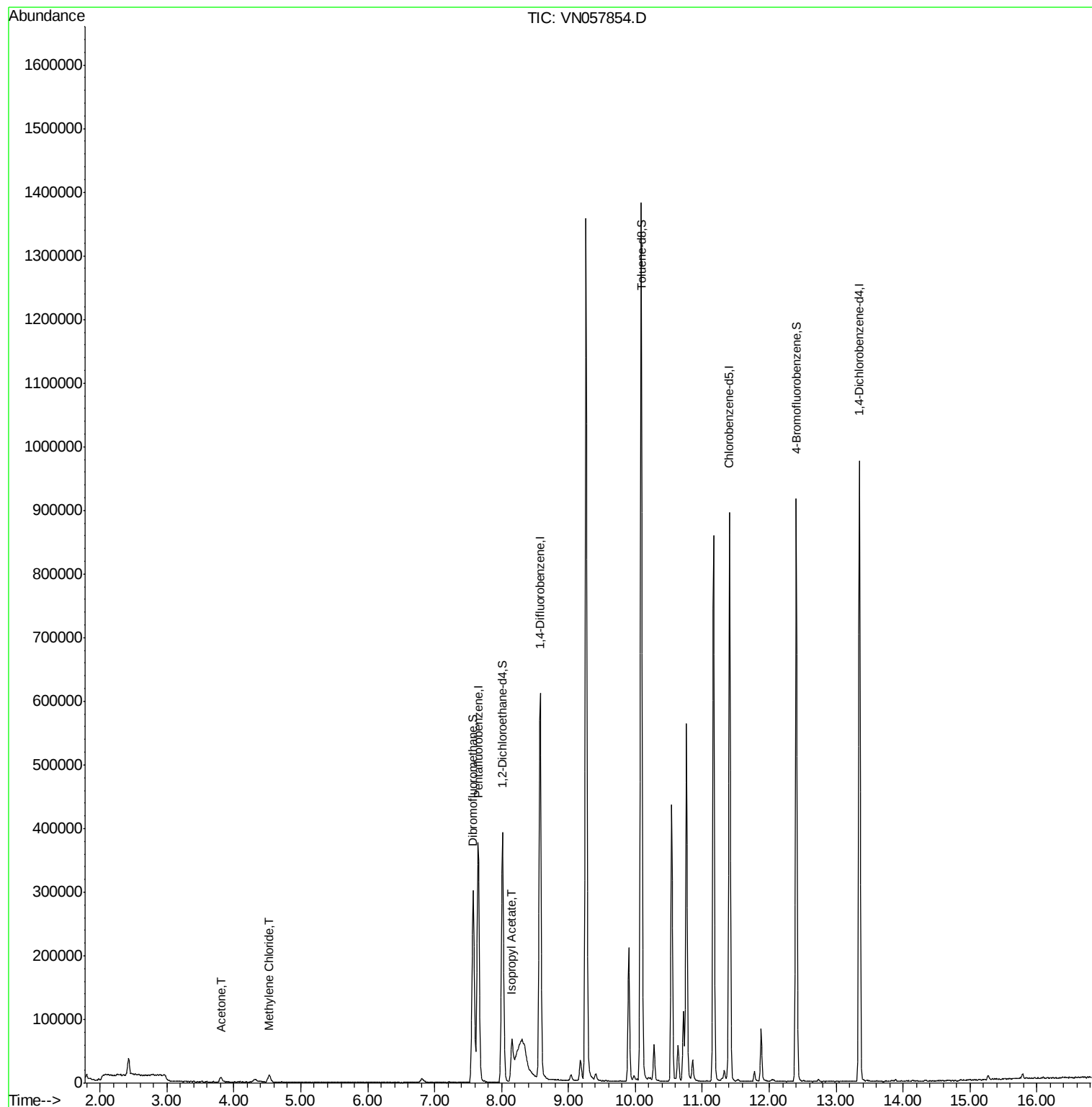
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091019\
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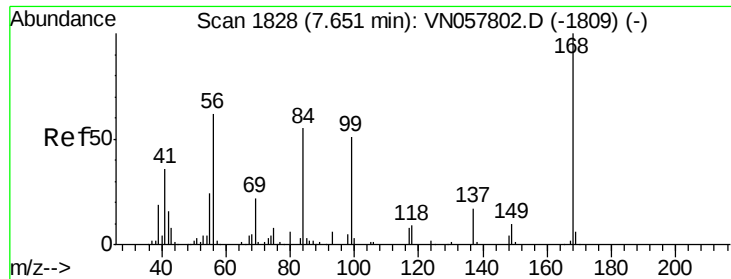
Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 03:02:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN057854.D

Acq: 10 Sep 2019 12:02

Instrument :

MSVOA_N

ClientSampled :

PAR-11-B4-(0)

Tot Ion:168 Resp: 292053

Ion Ratio Lower Upper

168 100

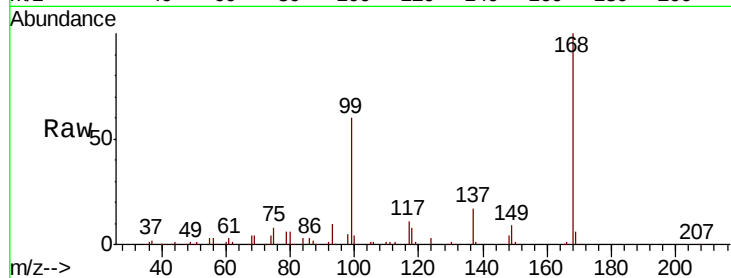
99 60.2 48.0 72.0

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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

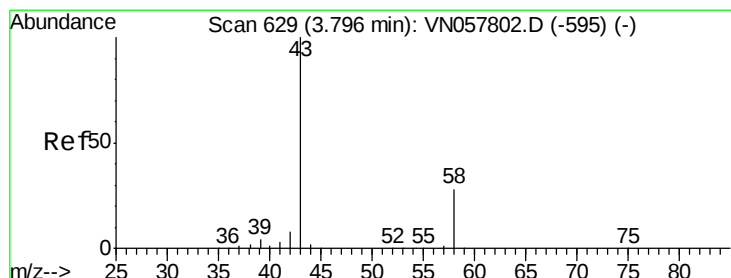
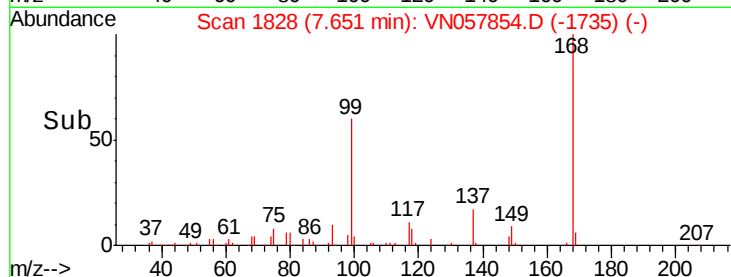
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 7.031 ug/l

RT: 3.81 min Scan# 634

Delta R.T. 0.02 min

Lab File: VN057854.D

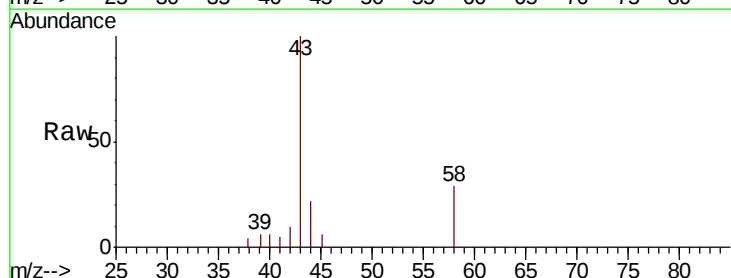
Acq: 10 Sep 2019 12:02

Tgt Ion: 43 Resp: 13634

Ion Ratio Lower Upper

43 100

58 29.8 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.81

5000

4000

3000

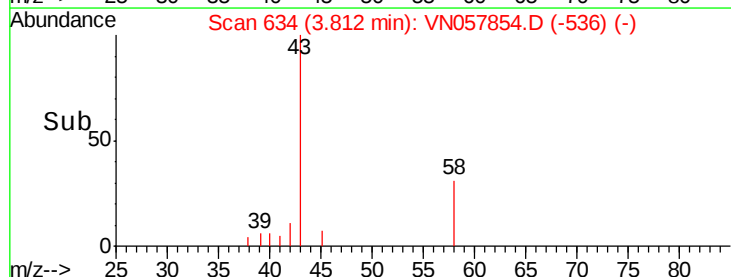
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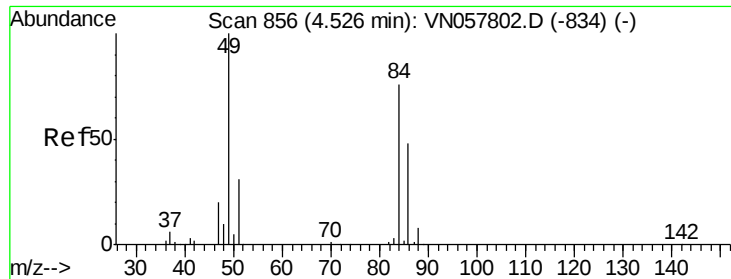
1000

0

3.70 3.80 3.90

Time-->





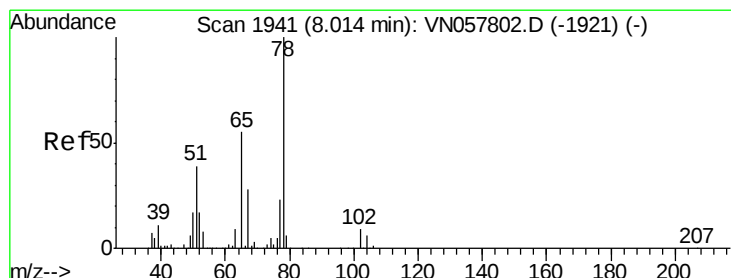
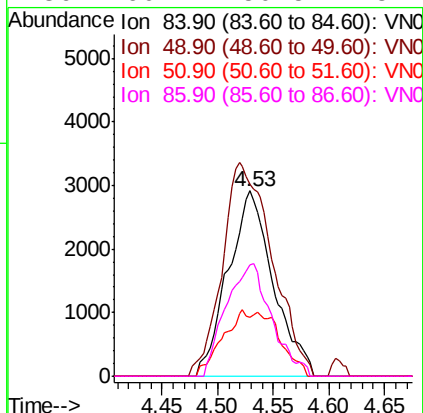
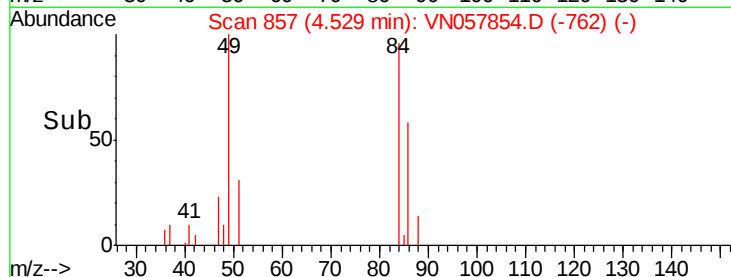
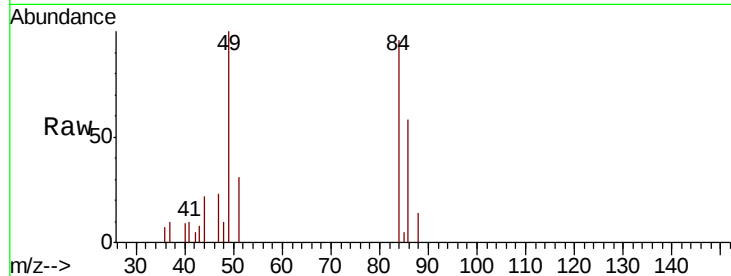
#20
Methvlene Chloride
Concen: 1.018 ug/l m
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN057854.D
Acq: 10 Sep 2019 12:02

Instrument :
MSVOA_N
ClientSampleId :
PAR-11-B4-(0)

Tot Ion	Ratio	Lower	Upper
84	100		
49	104.0	104.8	157.2#
51	31.9	33.0	49.4#
86	60.2	50.5	75.7

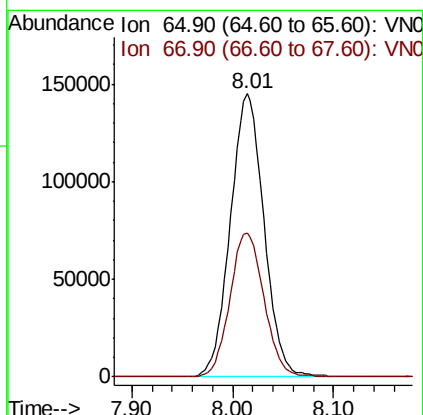
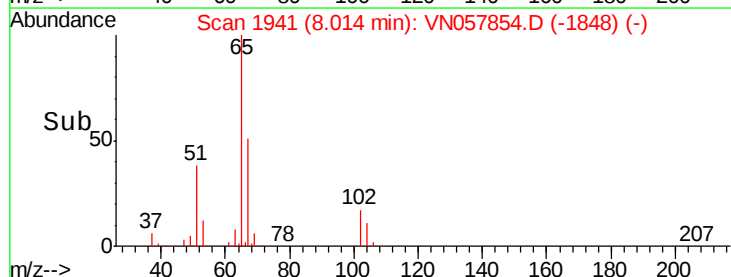
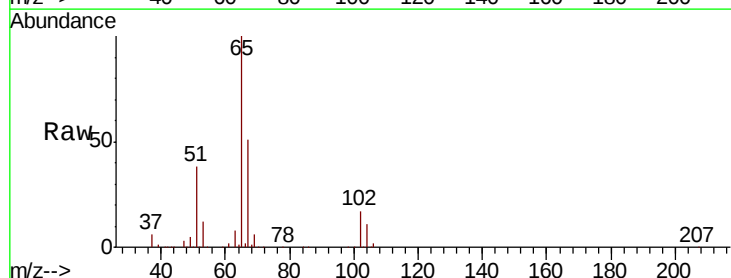
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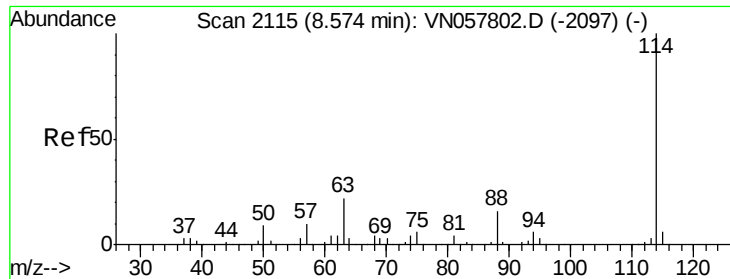
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#33
1,2-Dichloroethane-d4
Concen: 56.797 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN057854.D
Acq: 10 Sep 2019 12:02

Tgt Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2116

Delta R.T. 0.00 min

Lab File: VN057854.D

Acq: 10 Sep 2019 12:02

Instrument :

MSVOA_N

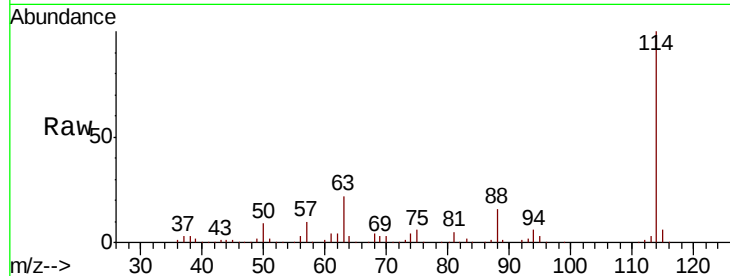
ClientSampleId :

PAR-11-B4-(0)

Tot Ion:	114	Resp:	516574
Ion Ratio	Lower	Upper	
114	100		
63	21.9	0.0	44.0
88	16.5	0.0	31.4

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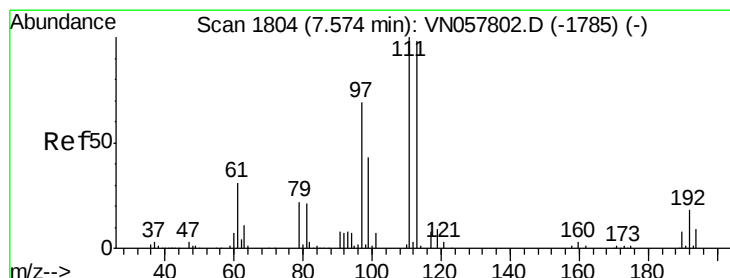
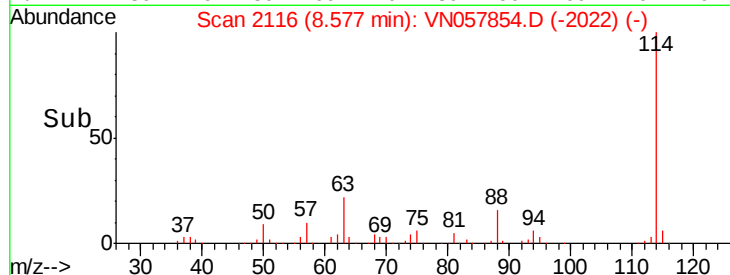
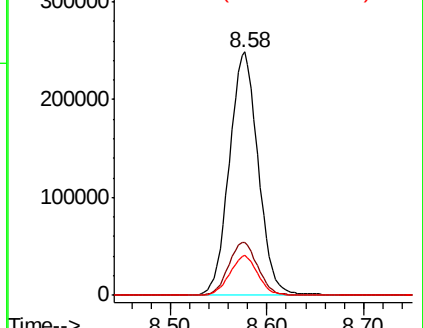
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Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 47.307 ug/l

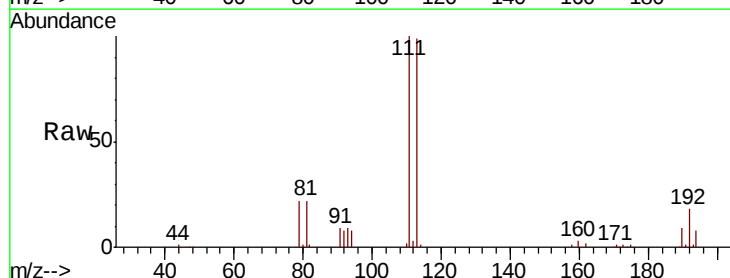
RT: 7.58 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VN057854.D

Acq: 10 Sep 2019 12:02

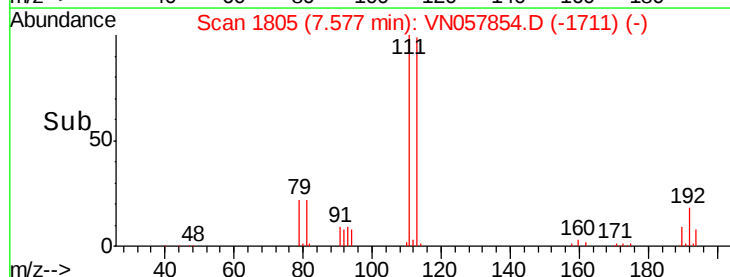
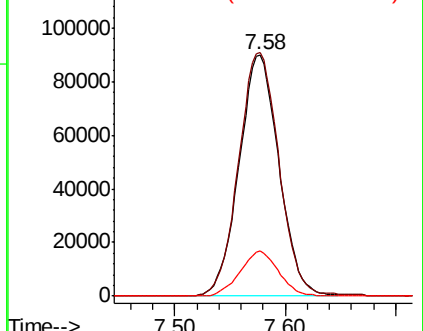
Tgt Ion:	113	Resp:	225549
Ion Ratio	Lower	Upper	
113	100		
111	101.9	81.3	121.9
192	17.9	14.6	22.0

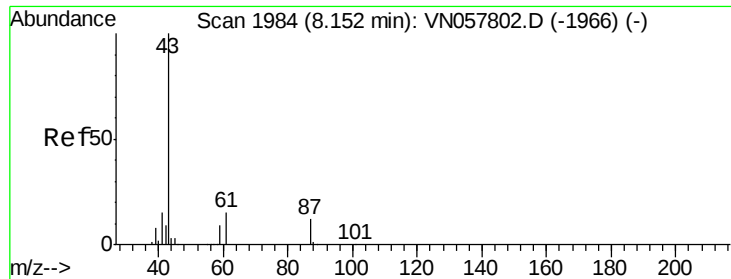


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





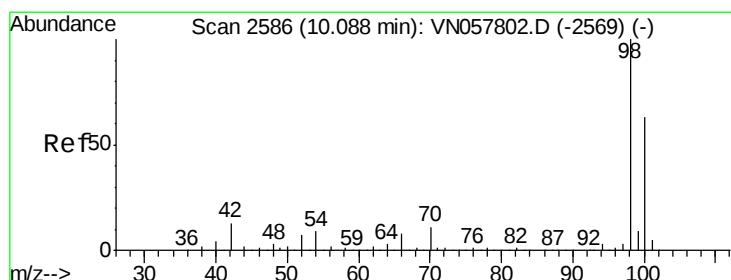
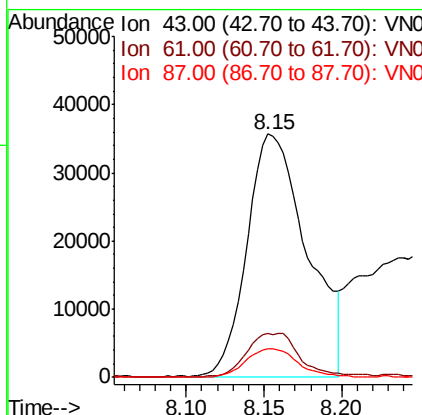
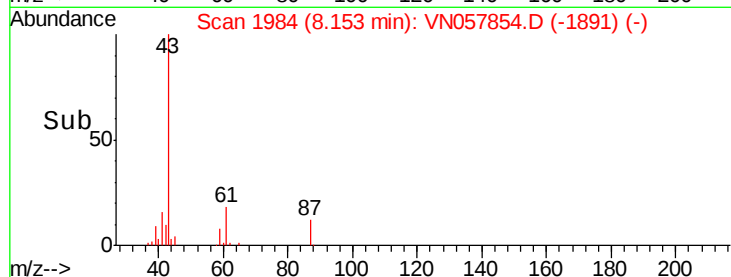
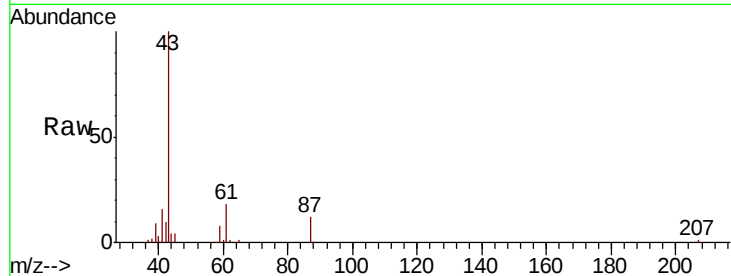
#43
Isopropyl Acetate
Concen: 9.280 ug/l m
RT: 8.15 min Scan# 1984
Delta R.T. 0.00 min
Lab File: VN057854.D
Acq: 10 Sep 2019 12:02

Instrument :
MSVOA_N
ClientSampleId :
PAR-11-B4-(0)

Tot Ion	Ratio	Lower	Upper
43	100		
61	0.0	20.1	30.1#
87	0.0	9.5	14.3#

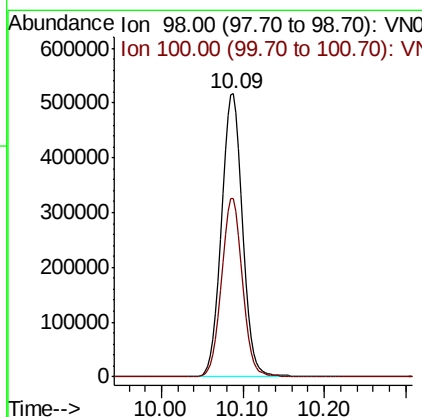
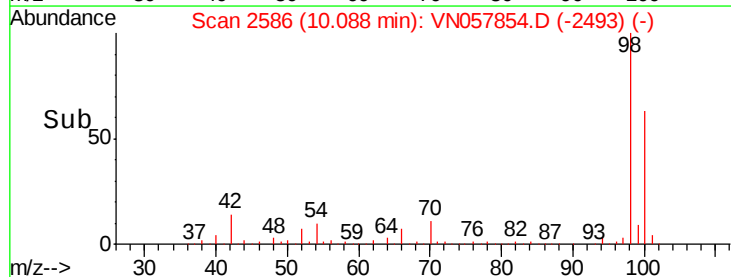
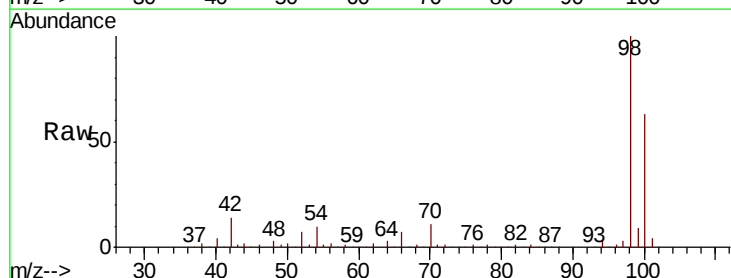
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#50
Toluene-d8
Concen: 51.355 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN057854.D
Acq: 10 Sep 2019 12:02

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.5	50.3	75.5





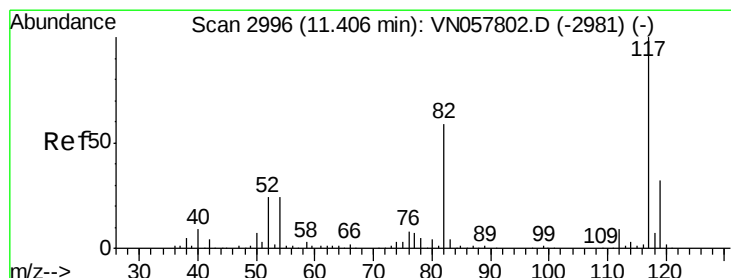
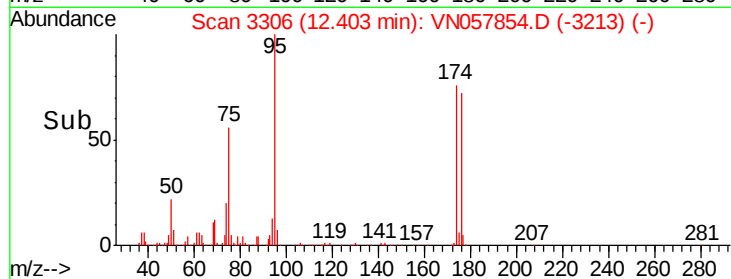
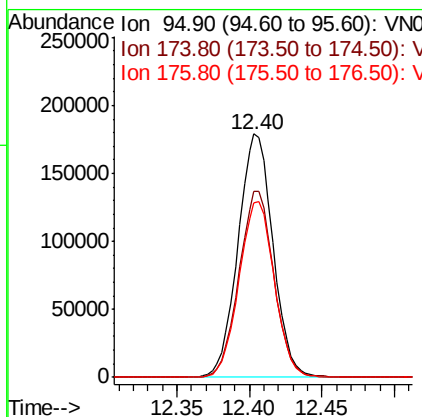
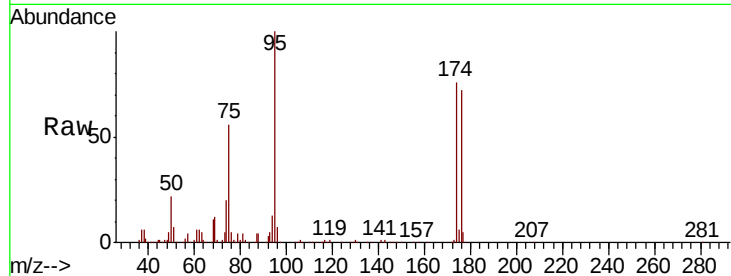
#62
4-Bromofluorobenzene
Concen: 42.419 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057854.D
Acq: 10 Sep 2019 12:02

Instrument :
MSVOA_N
ClientSampleId :
PAR-11-B4-(0)

Tot Ion	Ratio	Resp	Lower	Upper
95	100	299239		
174	76.6	0.0	150.2	
176	73.1	0.0	146.0	

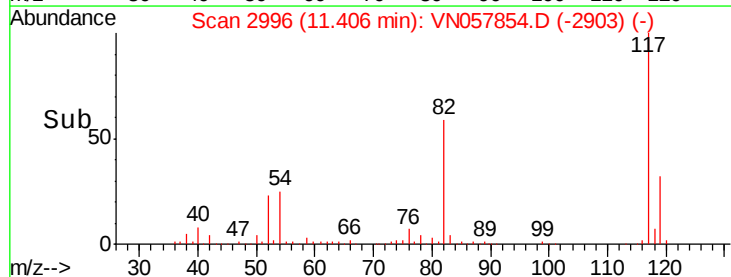
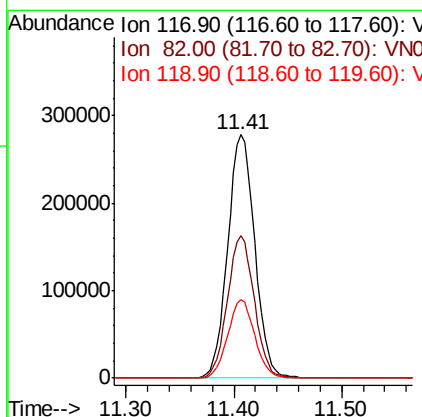
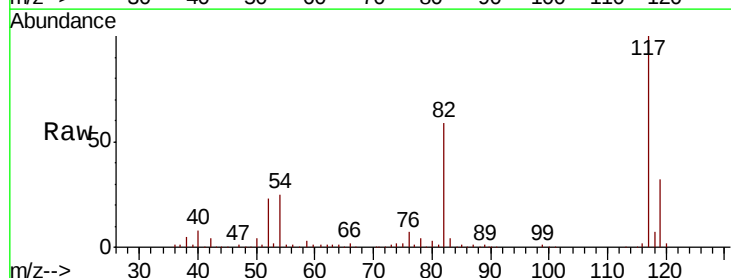
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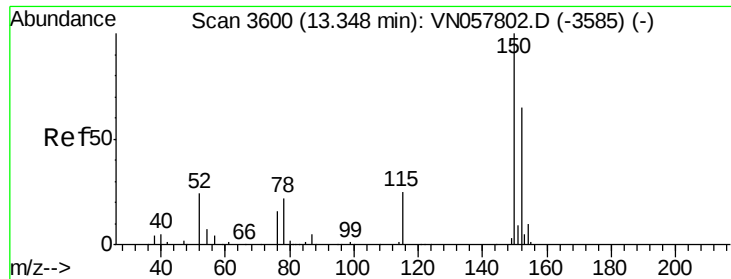
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057854.D
Acq: 10 Sep 2019 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	484340		
82	58.5	47.2	70.8	
119	32.1	25.3	37.9	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057854.D

Acq: 10 Sep 2019 12:02

Instrument :

MSVOA_N

ClientSampleId :

PAR-11-B4-(0)

Tot Ion:	152	Resp:	244404
Ion Ratio	Lower	Upper	
152	100		
115	60.7	30.3	91.0
150	157.6	0.0	352.4

Manual Integrations
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