

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091019\
 Data File : VN057852.D
 Acq On : 10 Sep 2019 11:18
 Operator : JC/SP
 Sample : K4622-33
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PAR-11-B3-(0)

Manual Integrations
 APPROVED

MMDadoda
 9/13/2019 8:16:42 AM

Quant Time: Sep 13 04:59:45 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	294397	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	520971	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	486228	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	243773	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	334726	56.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.28%	
35) Dibromofluoromethane	7.58	113	228786	47.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.16%	
50) Toluene-d8	10.09	98	945423	50.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.28%	
62) 4-Bromofluorobenzene	12.40	95	306995	43.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.30%	
Target Compounds						
16) Acetone	3.80	43	9264	4.739	ug/l	99
43) Isopropyl Acetate	8.16	43	97895m	9.325	ug/l	

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

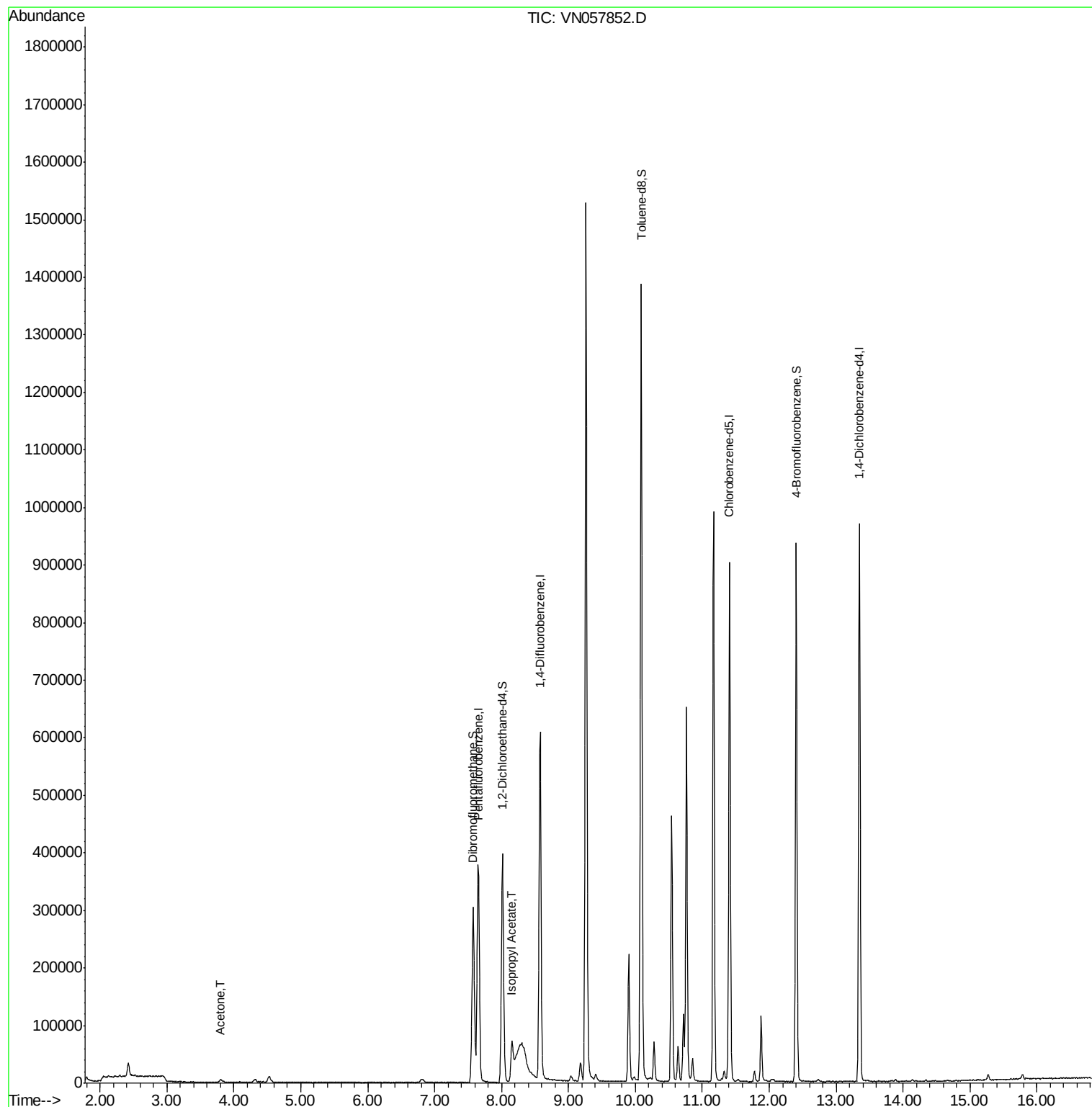
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091019\
Data File : VN057852.D
Acq On : 10 Sep 2019 11:18
Operator : JC/SP
Sample : K4622-33
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 58 Sample Multiplier: 1

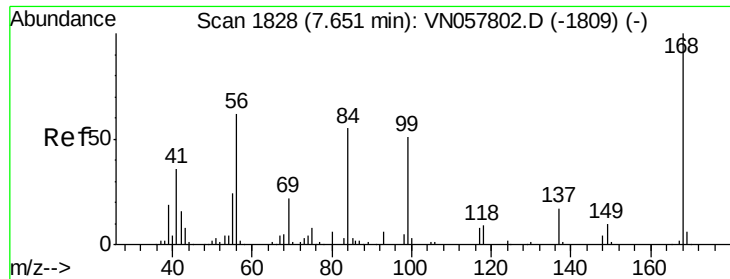
Instrument :
MSVOA_N
ClientSampled :
PAR-11-B3-(0)

Manual Integrations
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Quant Time: Sep 13 04:59:45 2019
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: VN057852.D

Acq: 10 Sep 2019 11:18

Instrument :

MSVOA_N

ClientSampleId :

PAR-11-B3-(0)

Tot Ion:168 Resp: 294397

Ion Ratio Lower Upper

168 100

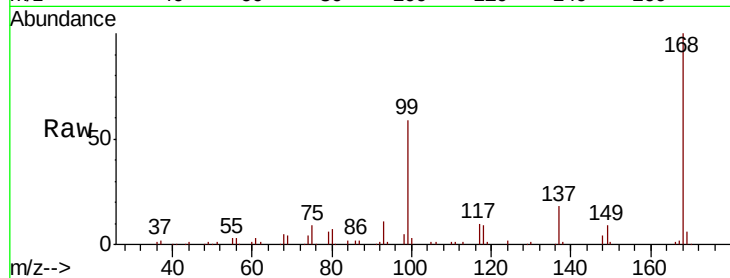
99 59.1 48.0 72.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VN057802.D (-1809) (-)

Ion 98.90 (98.60 to 99.60): VN057802.D (-1809) (-)

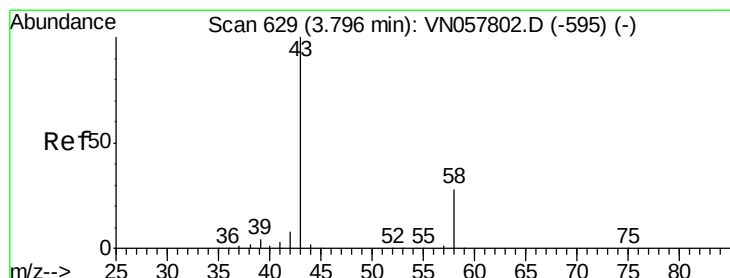
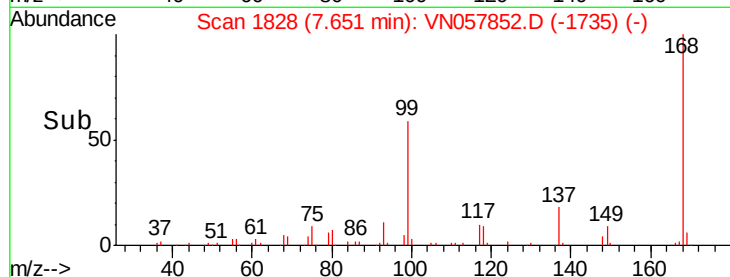
7.65

100000

50000

0

Time-->



#16

Acetone

Concen: 4.739 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN057852.D

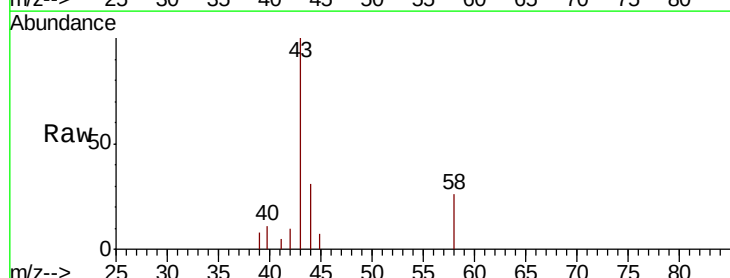
Acq: 10 Sep 2019 11:18

Tgt Ion: 43 Resp: 9264

Ion Ratio Lower Upper

43 100

58 27.3 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VN057802.D (-595) (-)

Ion 58.00 (57.70 to 58.70): VN057802.D (-595) (-)

3.80

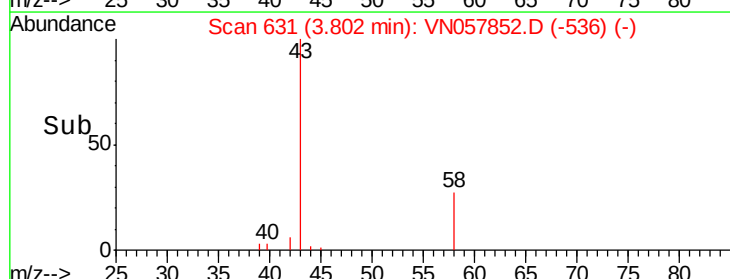
3000

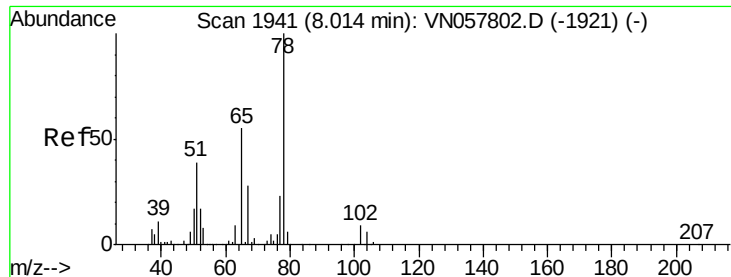
2000

1000

0

Time-->





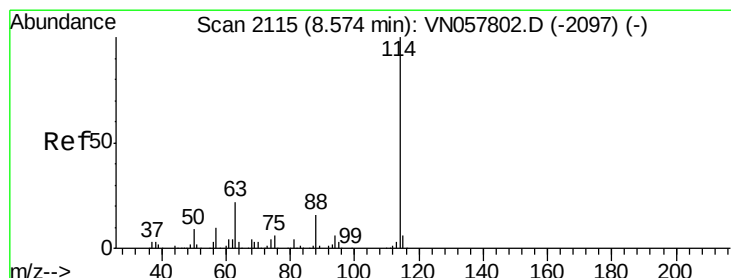
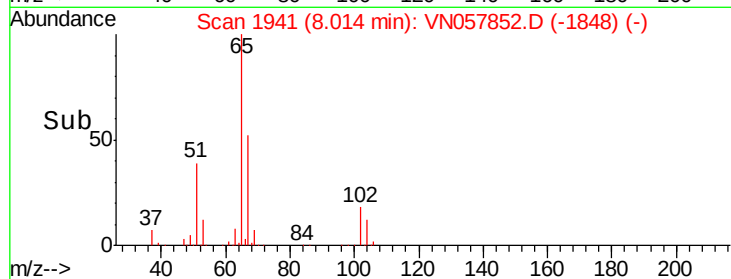
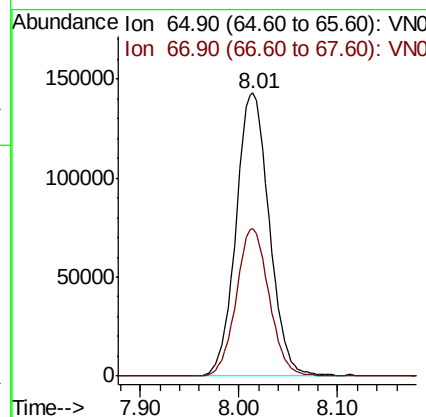
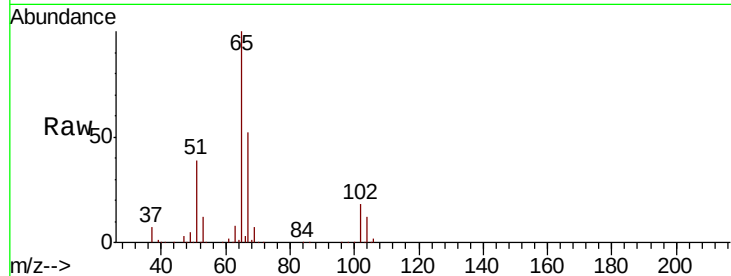
#33
 1,2-Dichloroethane-d4
 Concen: 56.136 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN057852.D
 Acq: 10 Sep 2019 11:18

Instrument :
 MSVOA_N
 ClientSampleId :
 PAR-11-B3-(0)

Tot Ion	Ratio	Resp	Lower	Upper
65	100	334726		
67	51.5	0.0	104.0	

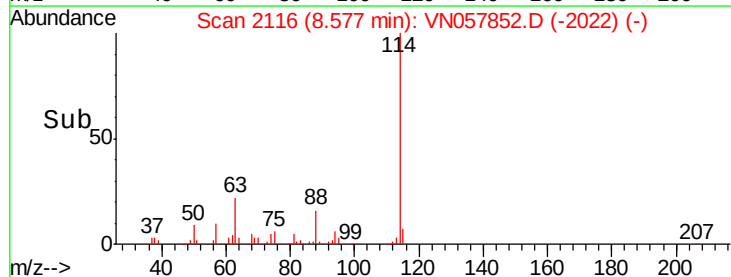
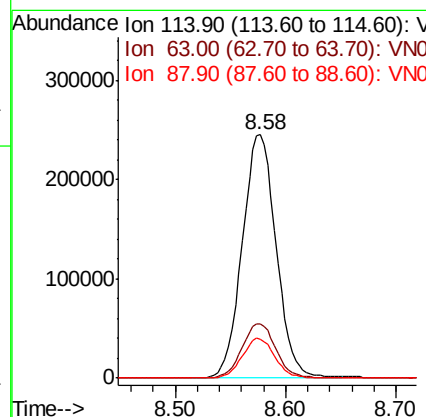
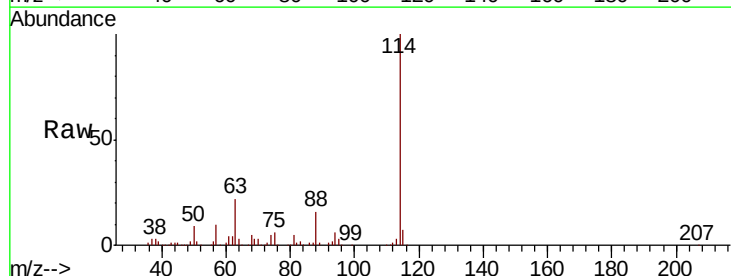
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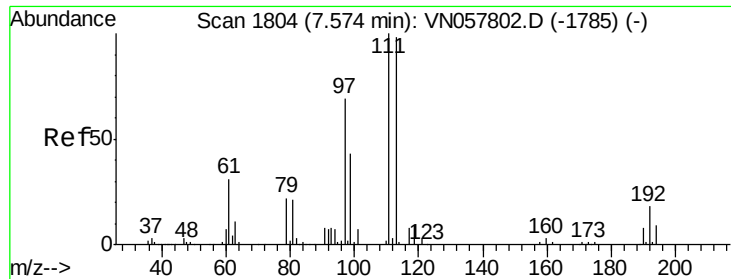
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057852.D
 Acq: 10 Sep 2019 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	520971		
63	22.1	0.0	44.0	
88	16.0	0.0	31.4	





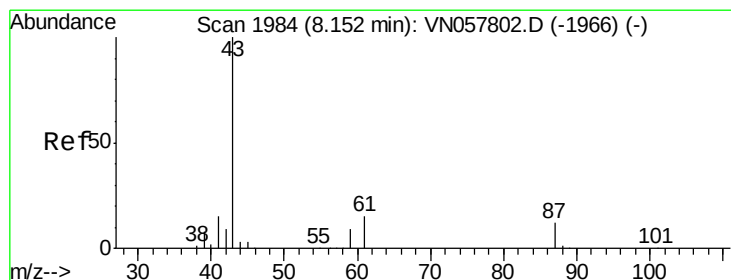
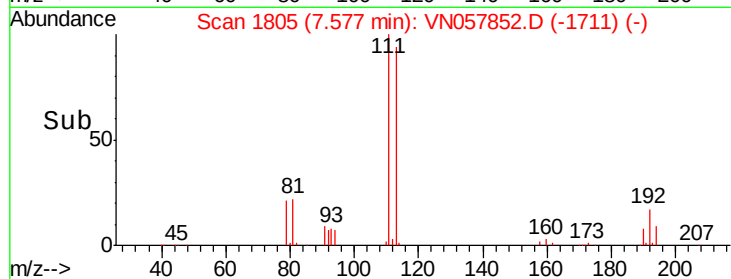
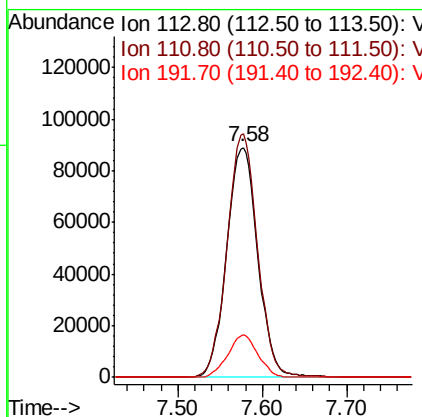
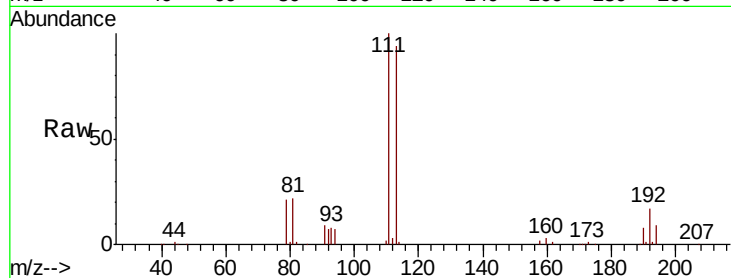
#35
 Dibromofluoromethane
 Concen: 47.581 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057852.D
 Acq: 10 Sep 2019 11:18

Instrument :
 MSVOA_N
 ClientSampleId :
 PAR-11-B3-(0)

Tot Ion	Ratio	Resp	Lower	Upper
113	100	228786		
111	103.0	81.3	121.9	
192	17.9	14.6	22.0	

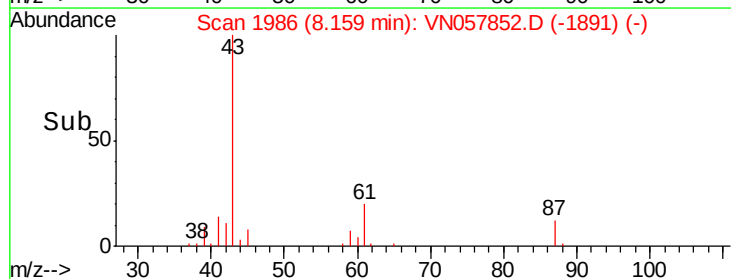
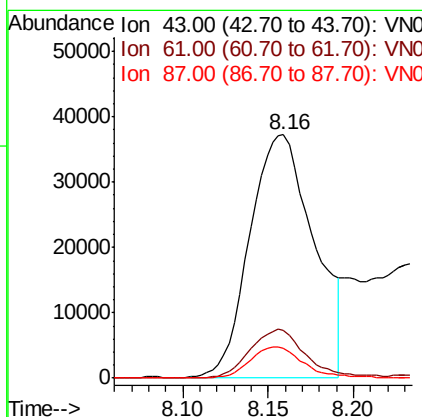
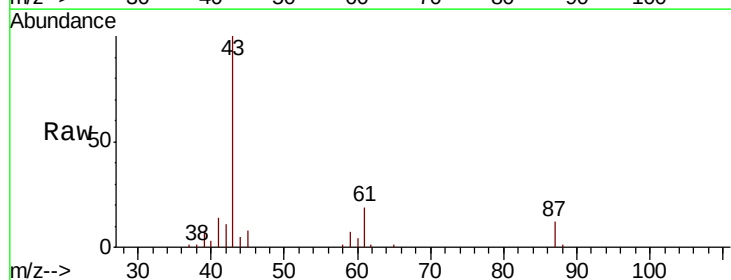
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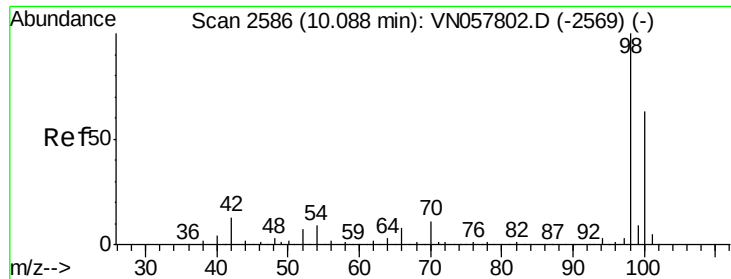
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#43
 Isopropyl Acetate
 Concen: 9.325 ug/l m
 RT: 8.16 min Scan# 1986
 Delta R.T. 0.01 min
 Lab File: VN057852.D
 Acq: 10 Sep 2019 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	97895		
61	0.0	20.1	30.1#	
87	0.0	9.5	14.3#	





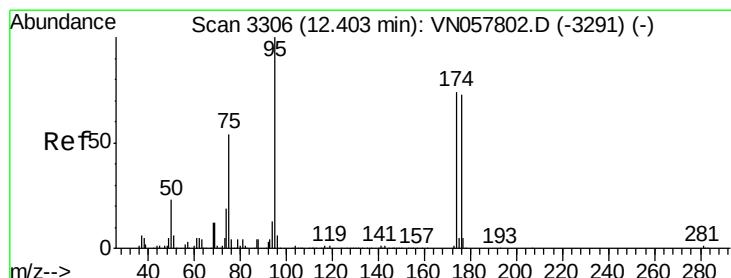
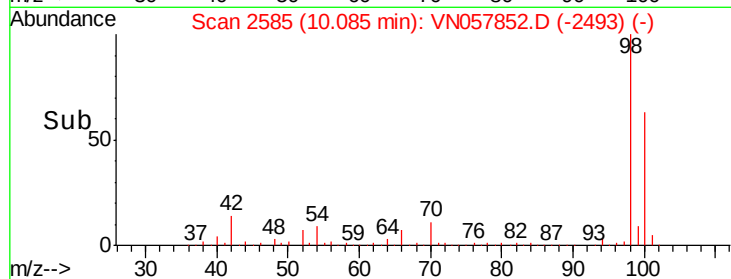
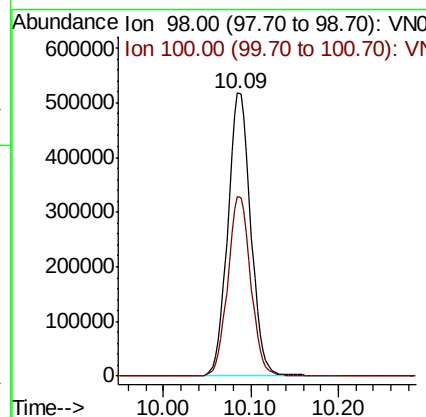
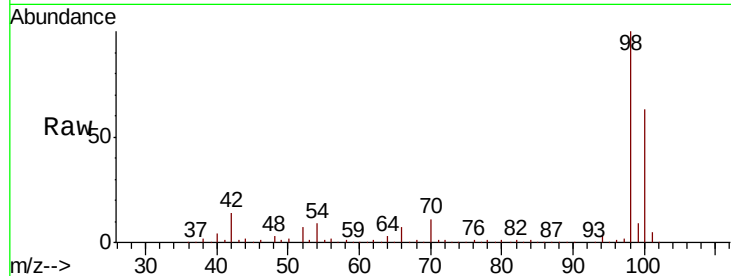
#50
Toluene-d8
Concen: 50.642 ug/l
RT: 10.09 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN057852.D
Acq: 10 Sep 2019 11:18

Instrument :
MSVOA_N
ClientSampleId :
PAR-11-B3-(0)

Tot Ion: 98 Resp: 945423
Ion Ratio Lower Upper
98 100
100 63.4 50.3 75.5

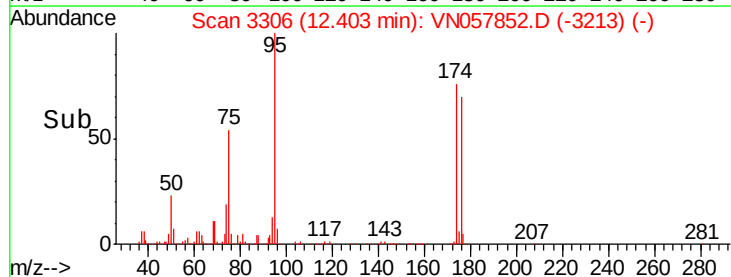
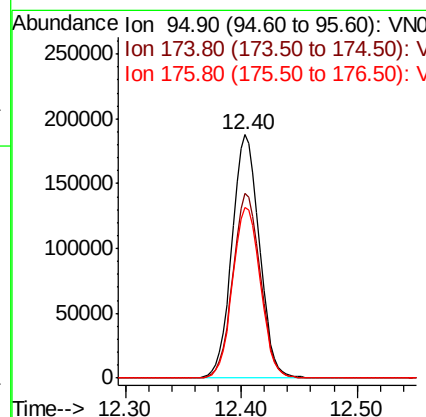
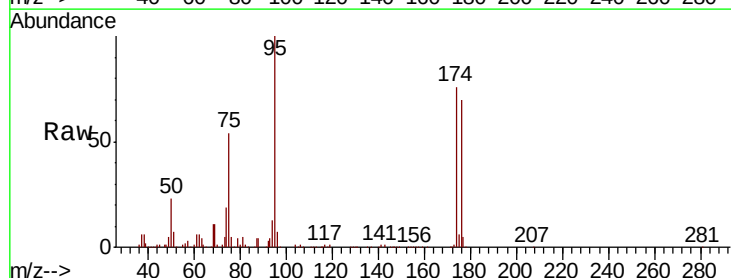
Manual Integrations
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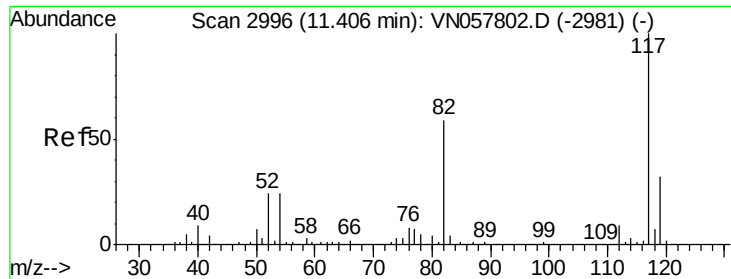
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9/13/2019 8:16:42 AM



#62
4-Bromofluorobenzene
Concen: 43.151 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057852.D
Acq: 10 Sep 2019 11:18

Tgt Ion: 95 Resp: 306995
Ion Ratio Lower Upper
95 100
174 76.0 0.0 150.2
176 71.4 0.0 146.0





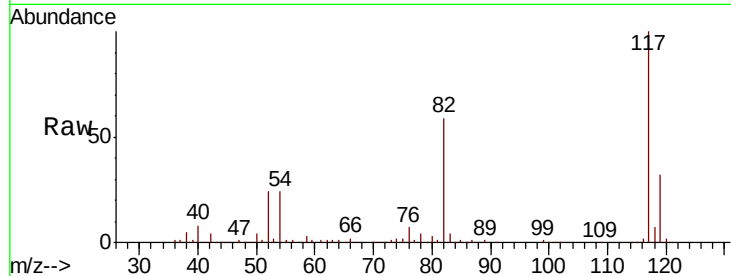
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057852.D
Acq: 10 Sep 2019 11:18

Instrument :
MSVOA_N
ClientSampleId :
PAR-11-B3-(0)

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.5	47.2	70.8
119	32.2	25.3	37.9

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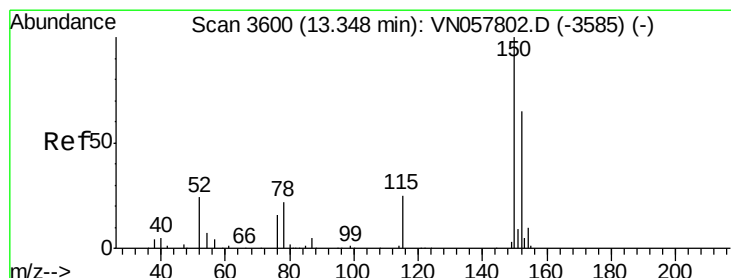
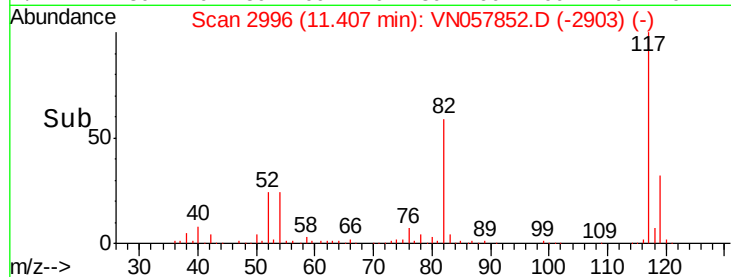
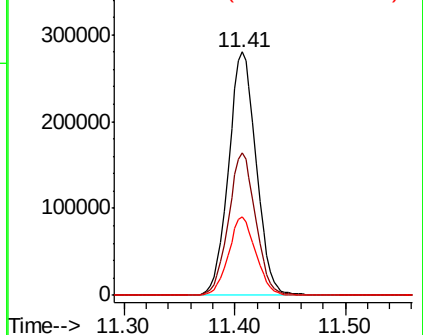


Abundance

Ion 116.90 (116.60 to 117.60): V

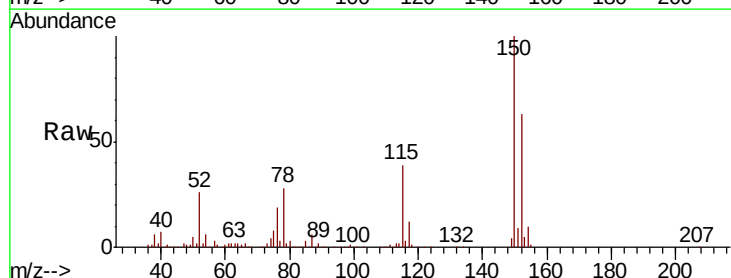
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN057852.D
Acq: 10 Sep 2019 11:18

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.8	30.3	91.0
150	157.7	0.0	352.4



Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

