

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092019\
 Data File : VN058253.D
 Acq On : 20 Sep 2019 16:19
 Operator : JC/SP
 Sample : K4896-13DL 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 MW201D-20190912DL

Manual Integrations
 APPROVED

MMDadoda
 9/23/2019 3:30:28 PM

Quant Time: Sep 23 05:15:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 09:27:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	503457	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	824320	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	710545	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	292319	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	366571	52.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.56%	
35) Dibromofluoromethane	7.58	113	251782	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
50) Toluene-d8	10.08	98	1036560	53.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.18%	
62) 4-Bromofluorobenzene	12.41	95	332113	45.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.58%	
Target Compounds						
2) Dichlorodifluoromethane	1.84	85	9938	2.403	ug/l	92
7) Trichlorofluoromethane	3.00	101	200128	35.451	ug/l	98
12) 1,1-Dichloroethene	3.72	96	37918	12.006	ug/l	99
27) cis-1,2-Dichloroethene	6.82	96	2510m	0.492	ug/l	
30) Chloroform	7.36	83	8697	0.895	ug/l	95
32) 1,1,1-Trichloroethane	7.56	97	10784	1.457	ug/l #	53
44) Trichloroethene	8.83	130	86825	19.541	ug/l	99
64) Tetrachloroethene	10.63	164	85606	24.715	ug/l	97

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

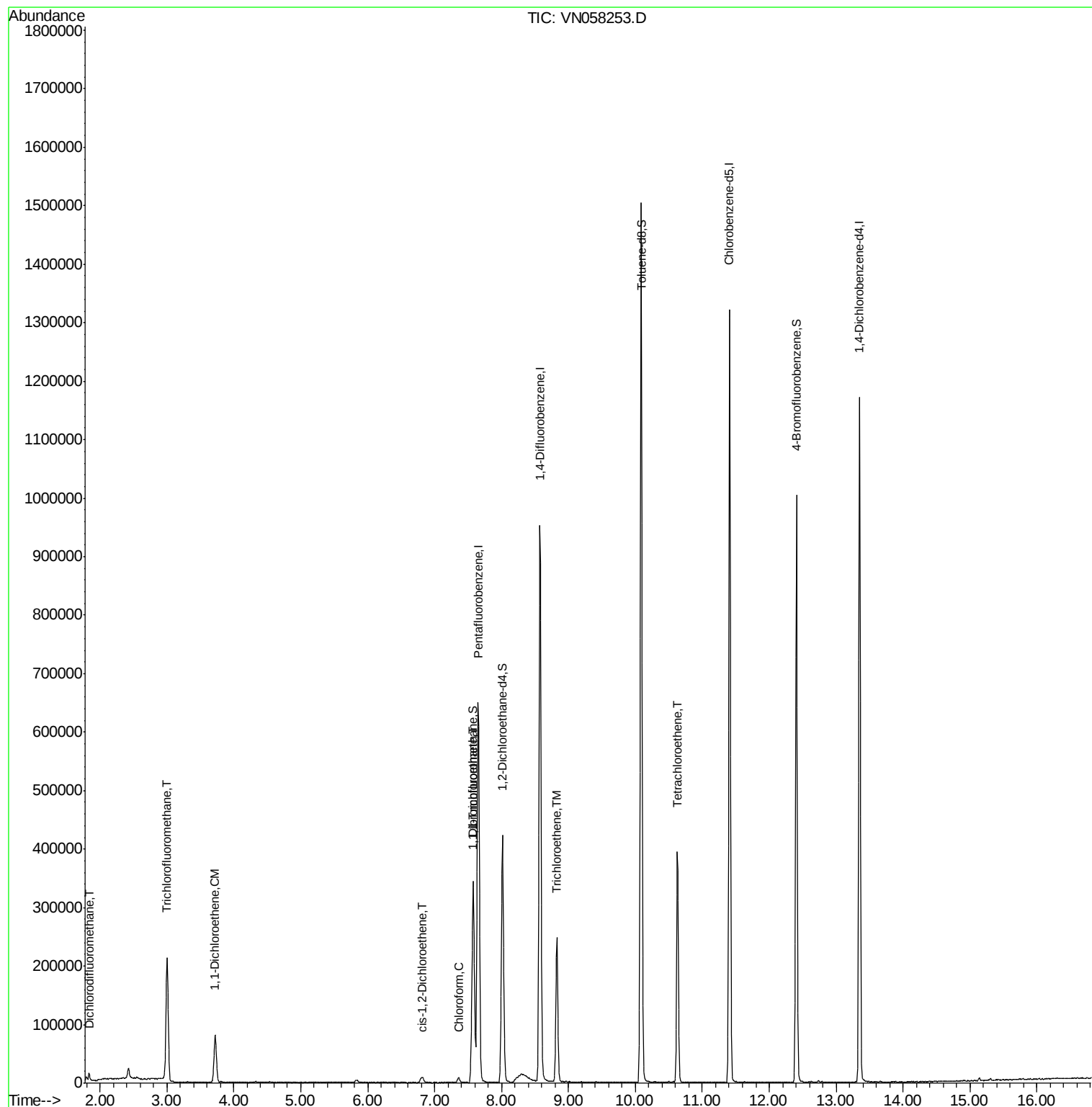
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092019\
Data File : VN058253.D
Acq On : 20 Sep 2019 16:19
Operator : JC/SP
Sample : K4896-13DL 5X
Misc : 5.00mL/MSVOA N/WATER
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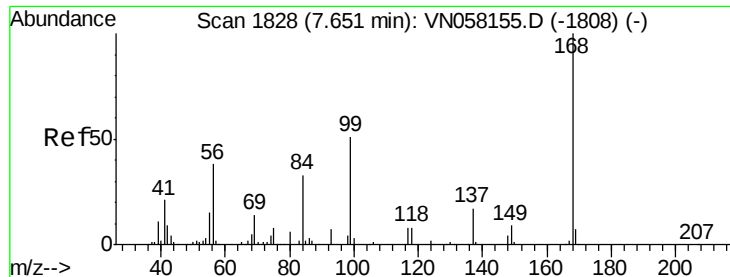
Instrument :
MSVOA_N
ClientSampleId :
MW201D-20190912DL

Manual Integrations
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Quant Time: Sep 23 05:15:42 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 19 09:27:53 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: VN058253.D

Acq: 20 Sep 2019 16:19

Instrument :

MSVOA_N

ClientSampleId :

MW201D-20190912DL

Tot Ion:168 Resp: 503457

Ion Ratio Lower Upper

168 100

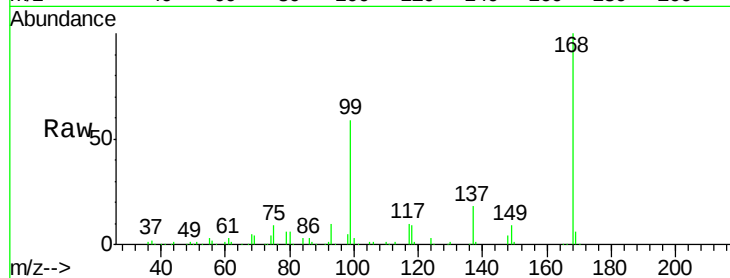
99 58.7 47.4 71.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

250000 Ion 98.90 (98.60 to 99.60): VNO

7.65

200000

150000

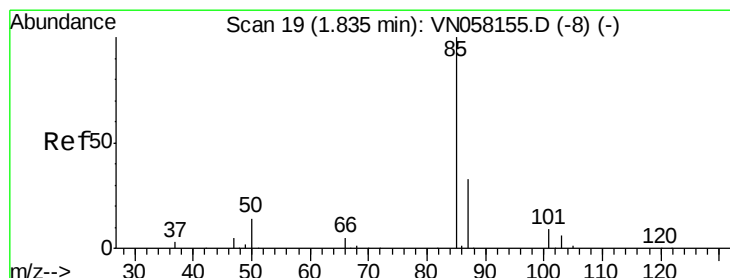
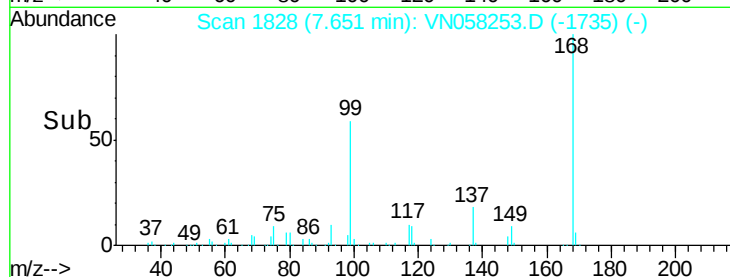
100000

50000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 2.403 ug/l

RT: 1.84 min Scan# 20

Delta R.T. 0.00 min

Lab File: VN058253.D

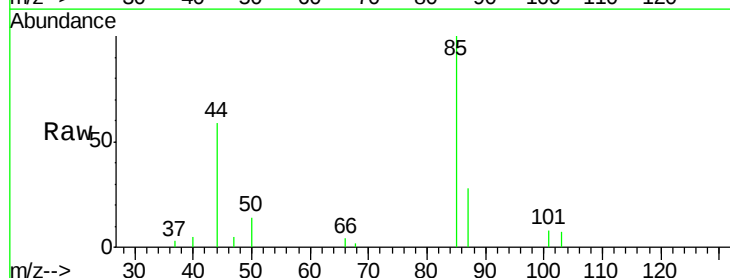
Acq: 20 Sep 2019 16:19

Tgt Ion: 85 Resp: 9938

Ion Ratio Lower Upper

85 100

87 28.0 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.84

8000

6000

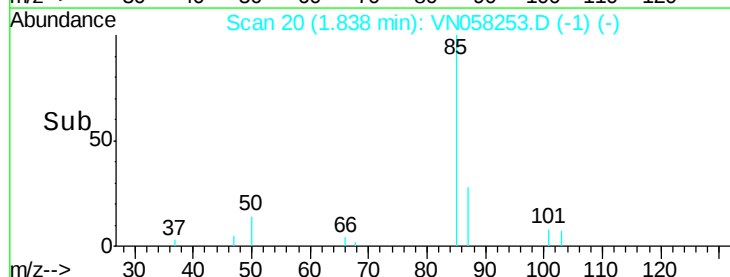
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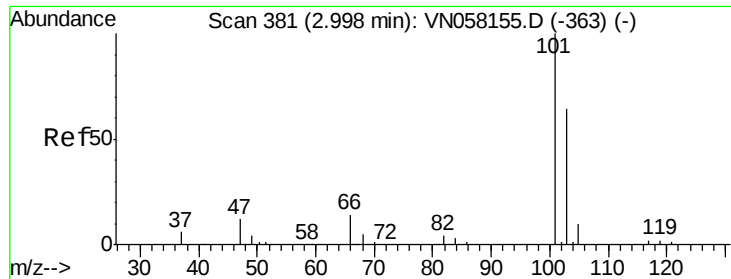
2000

0

1.80 1.85

Time-->





#7

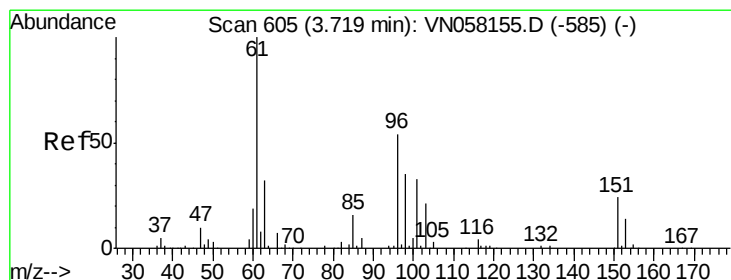
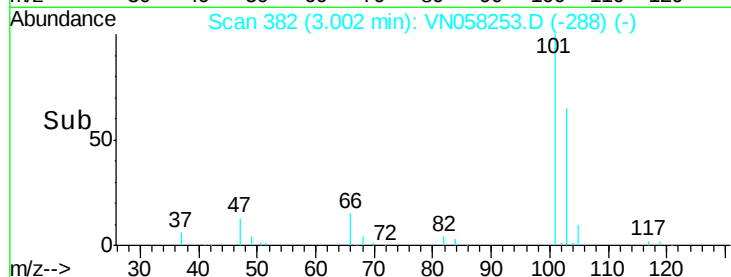
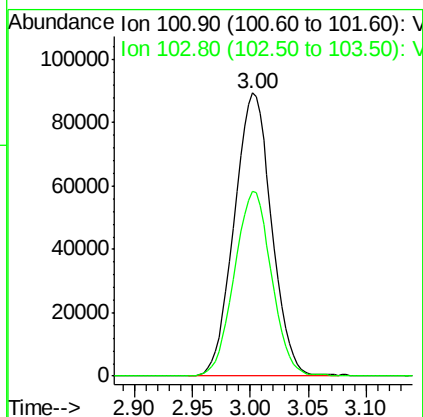
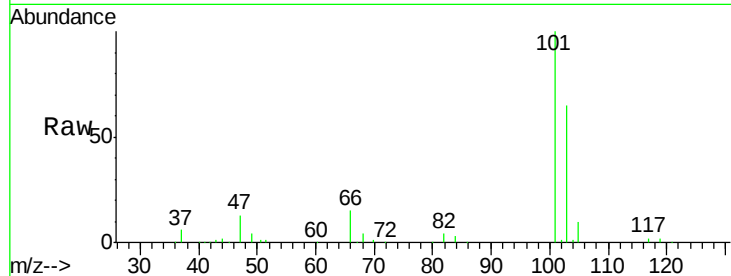
Trichlorofluoromethane
Concen: 35.451 ug/l
RT: 3.00 min Scan# 382
Delta R.T. 0.00 min
Lab File: VN058253.D
Acq: 20 Sep 2019 16:19

Instrument :
MSVOA_N
ClientSampleId :
MW201D-20190912DL

Tot Ion	Ratio	Resp	Lower	Upper
101	100	200128		
103	65.3	51.0	76.6	

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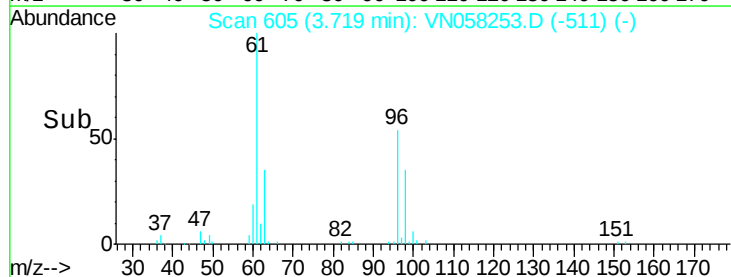
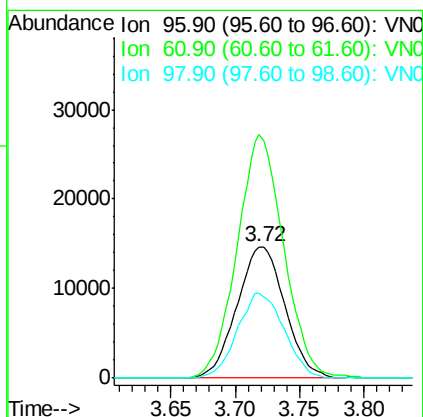
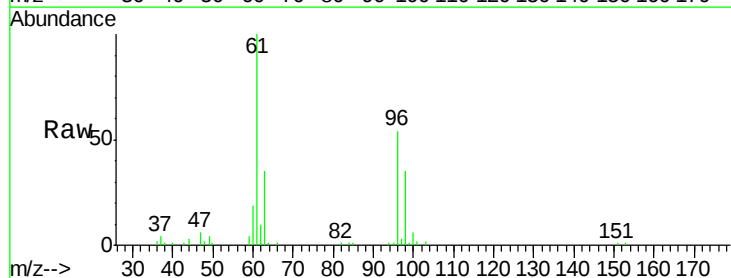
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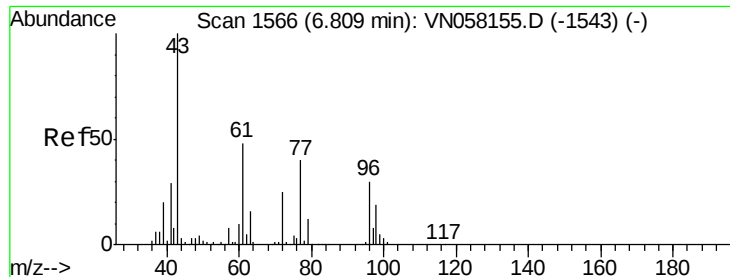


#12

1,1-Dichloroethene
Concen: 12.006 ug/l
RT: 3.72 min Scan# 605
Delta R.T. 0.00 min
Lab File: VN058253.D
Acq: 20 Sep 2019 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	37918		
61	185.6	149.5	224.3	
98	64.9	52.4	78.6	





#27

cis-1,2-Dichloroethene

Concen: 0.492 ug/l m

RT: 6.82 min Scan# 1570

Delta R.T. 0.01 min

Lab File: VN058253.D

Acq: 20 Sep 2019 16:19

Instrument :

MSVOA_N

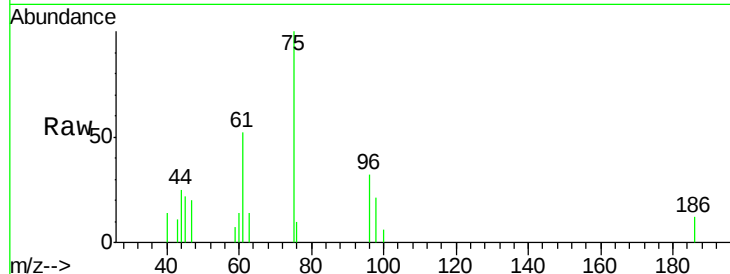
ClientSampleId :

MW201D-20190912DL

Tot Ion:	96	Resp:	2510
Ion	Ratio	Lower	Upper
96	100		
61	72.4	0.0	319.0
98	69.3	0.0	126.6

Manual Integrations
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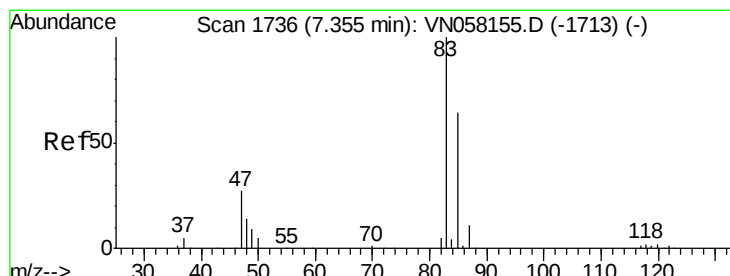
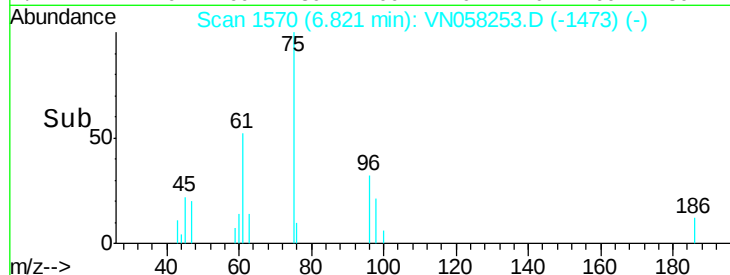
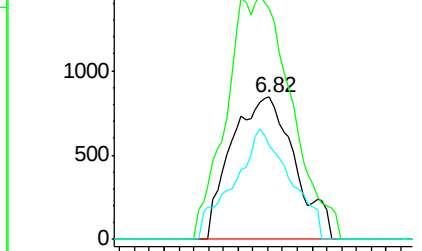
MMDadoda
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Abundance Ion 95.90 (95.60 to 96.60): VN058155.D (-1543) (-)

Ion 60.90 (60.60 to 61.60): VN058155.D (-1543) (-)

Ion 97.90 (97.60 to 98.60): VN058155.D (-1543) (-)



#30

Chloroform

Concen: 0.895 ug/l

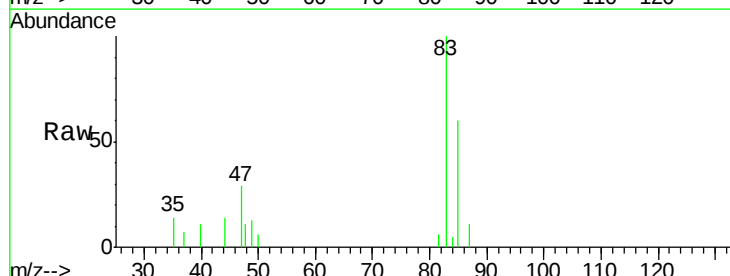
RT: 7.36 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VN058253.D

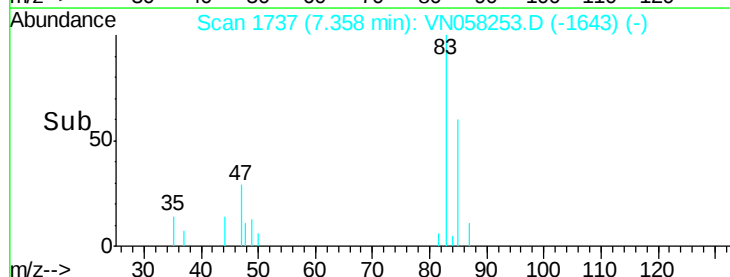
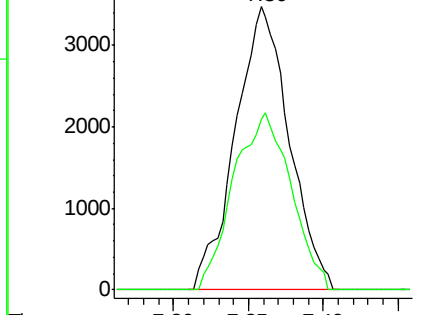
Acq: 20 Sep 2019 16:19

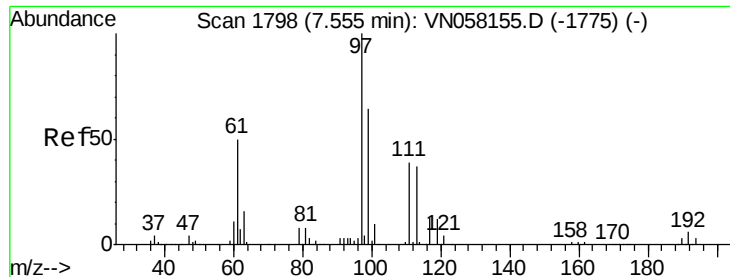
Tgt Ion:	83	Resp:	8697
Ion	Ratio	Lower	Upper
83	100		
85	60.4	51.4	77.2



Abundance Ion 82.90 (82.60 to 83.60): VN058155.D (-1713) (-)

Ion 84.90 (84.60 to 85.60): VN058155.D (-1713) (-)





#32

1,1,1-Trichloroethane

Concen: 1.457 ug/l

RT: 7.56 min Scan# 1800

Delta R.T. 0.01 min

Lab File: VN058253.D

Acq: 20 Sep 2019 16:19

Instrument :

MSVOA_N

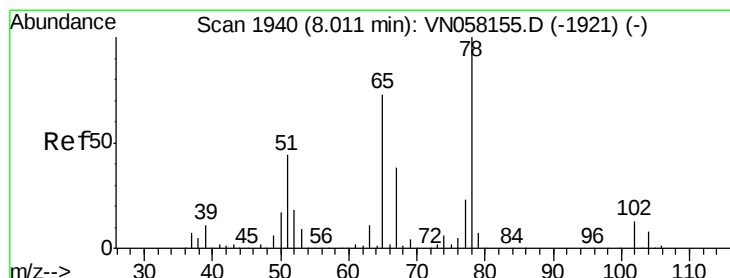
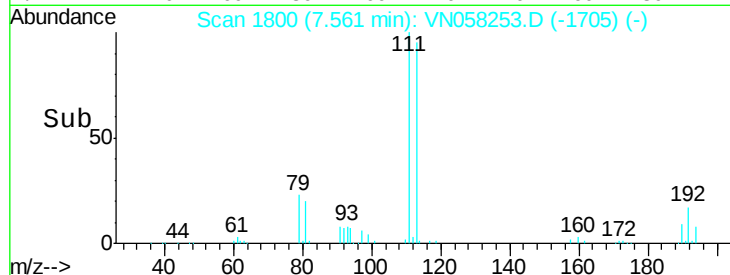
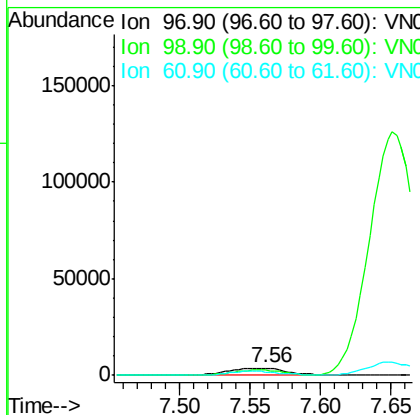
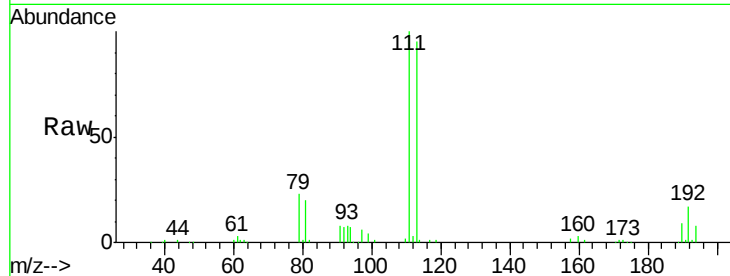
ClientSampleId :

MW201D-20190912DL

Tot Ion	Ratio	Lower	Upper
97	100		
99	0.0	50.9	76.3#
61	51.2	39.2	58.8

Manual Integrations
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#33

1,2-Dichloroethane-d4

Concen: 52.277 ug/l

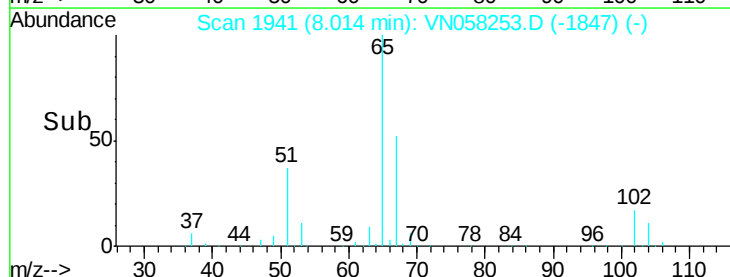
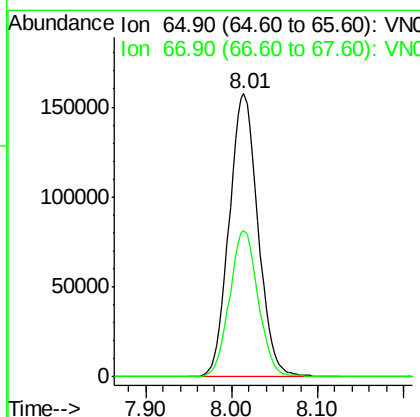
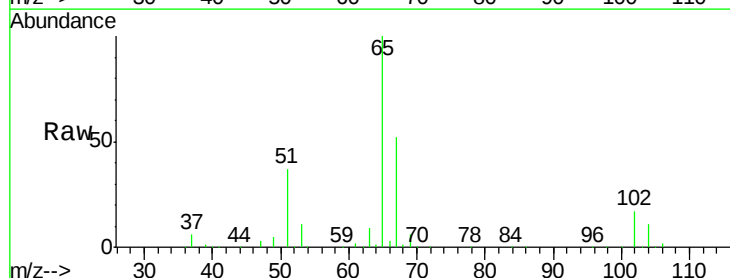
RT: 8.01 min Scan# 1941

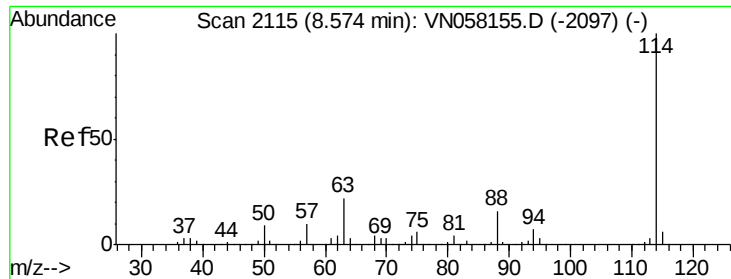
Delta R.T. 0.00 min

Lab File: VN058253.D

Acq: 20 Sep 2019 16:19

Tgt Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	103.4





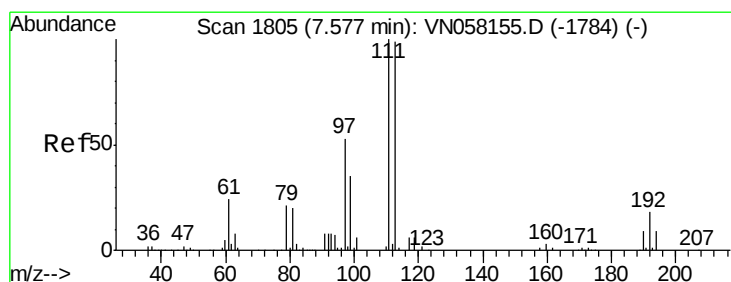
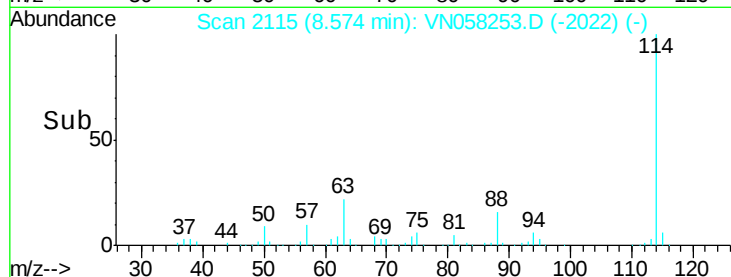
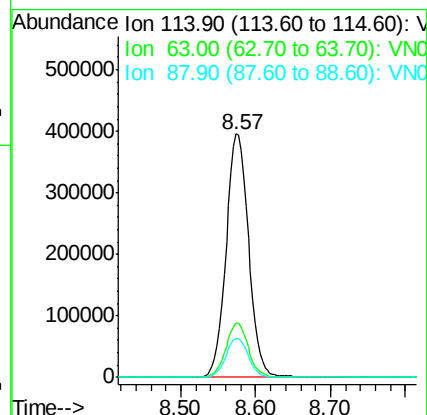
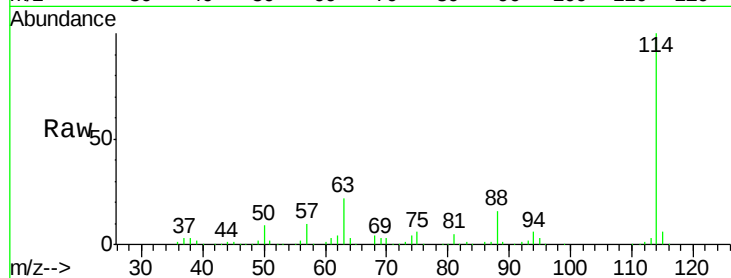
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2115
Delta R.T. -0.00 min
Lab File: VN058253.D
Acq: 20 Sep 2019 16:19

Instrument :
MSVOA_N
ClientSampleId :
MW201D-20190912DL

Tot Ion	Ratio	Resp	Lower	Upper
114	100	824320		
63	22.3		0.0	44.2
88	15.9		0.0	31.6

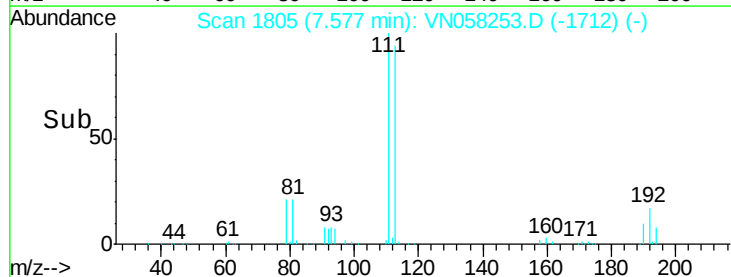
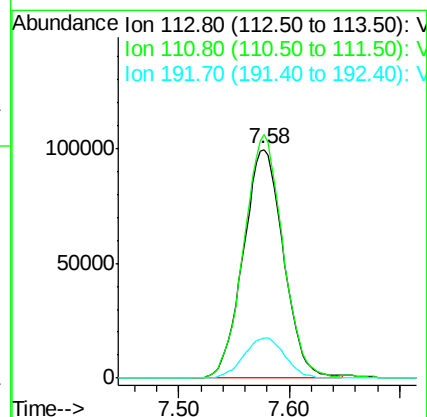
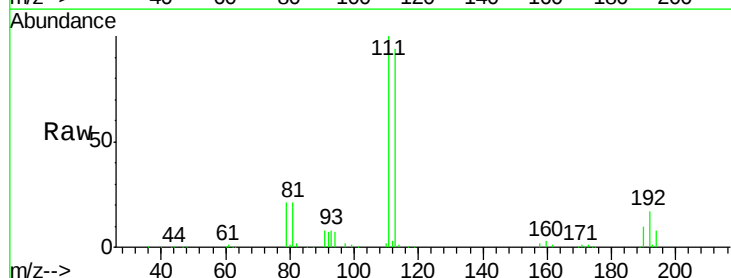
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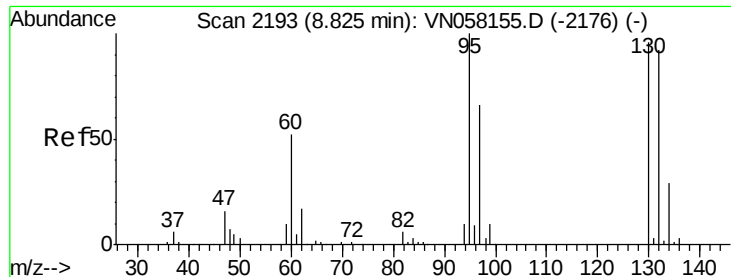
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#35
Dibromofluoromethane
Concen: 50.244 ug/l
RT: 7.58 min Scan# 1805
Delta R.T. -0.00 min
Lab File: VN058253.D
Acq: 20 Sep 2019 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	251782		
111	103.0		81.8	122.6
192	18.0		14.5	21.7





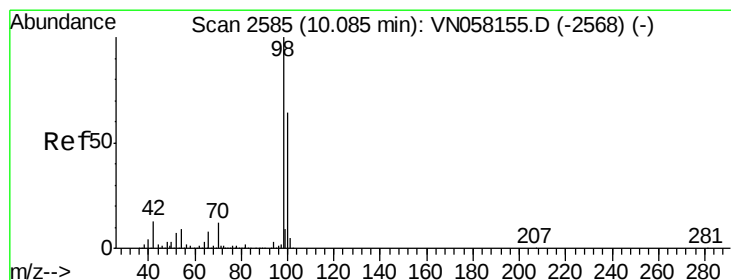
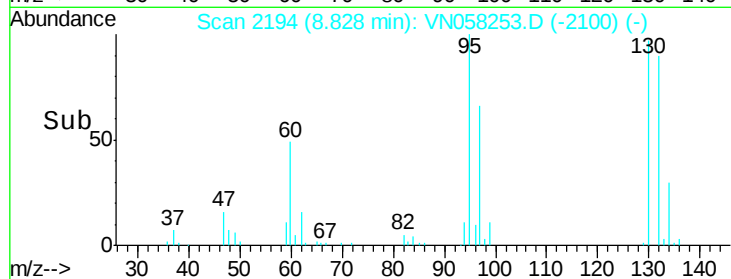
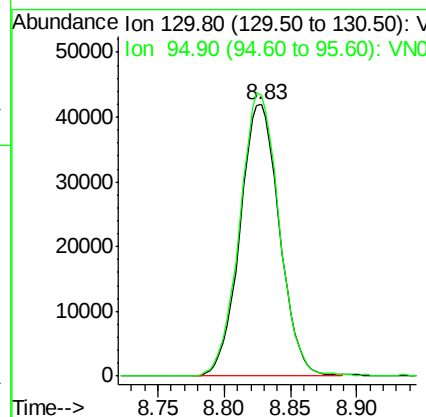
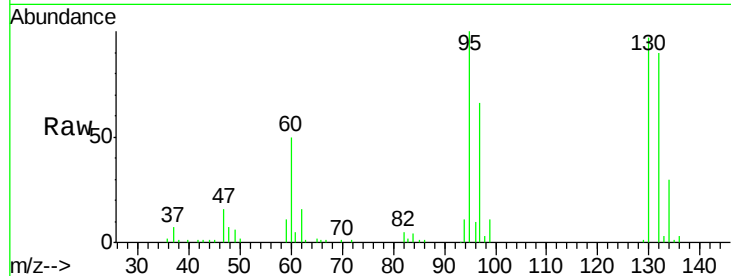
#44
 Trichloroethene
 Concen: 19.541 ug/l
 RT: 8.83 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VN058253.D
 Acq: 20 Sep 2019 16:19

Instrument :
 MSVOA_N
 ClientSampleId :
 MW201D-20190912DL

Tot Ion:130 Resp: 86825
 Ion Ratio Lower Upper
 130 100
 95 103.2 0.0 207.8

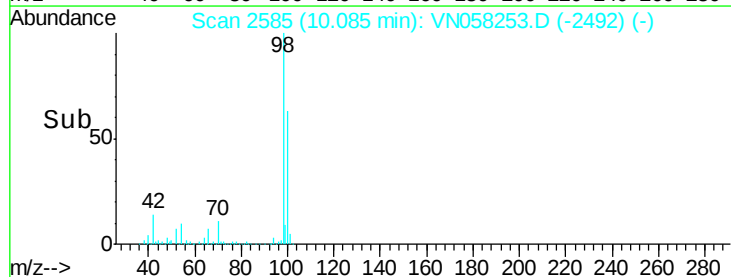
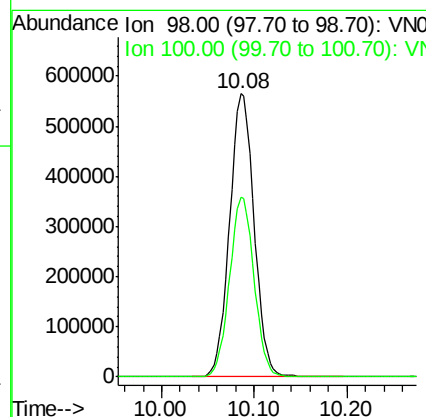
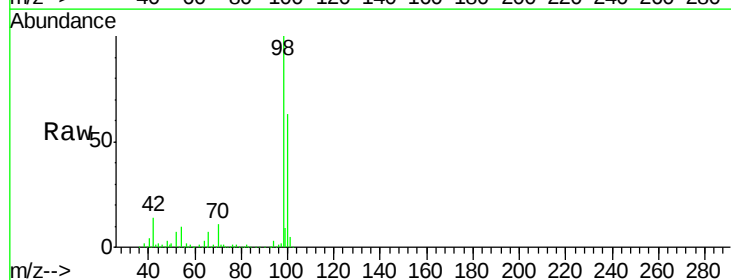
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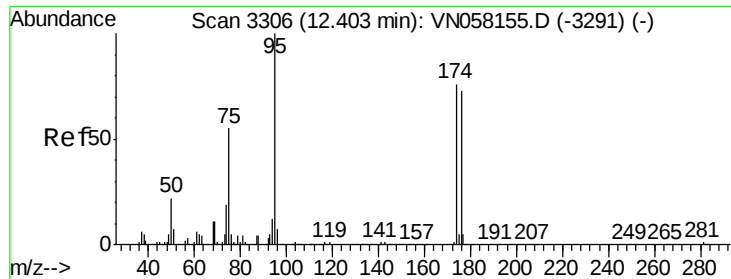
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 9/23/2019 3:30:28 PM



#50
 Toluene-d8
 Concen: 53.090 ug/l
 RT: 10.08 min Scan# 2585
 Delta R.T. -0.00 min
 Lab File: VN058253.D
 Acq: 20 Sep 2019 16:19

Tgt Ion: 98 Resp: 1036560
 Ion Ratio Lower Upper
 98 100
 100 63.5 51.1 76.7





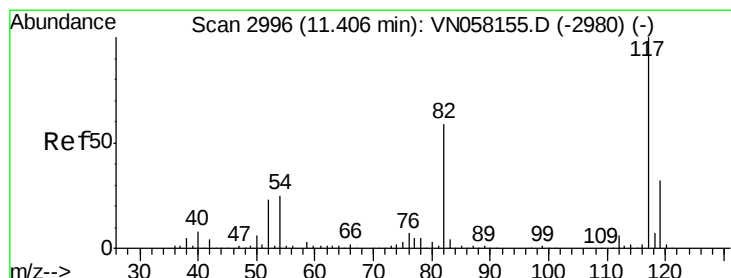
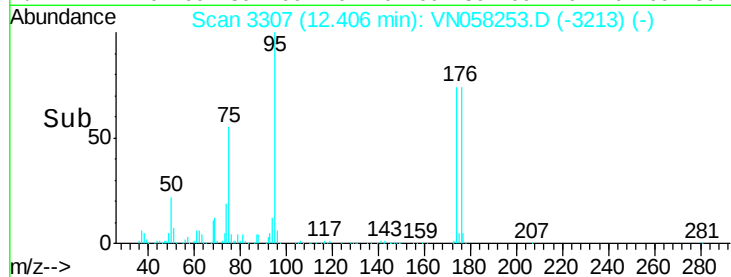
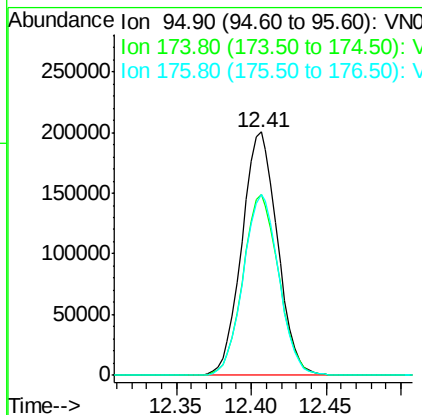
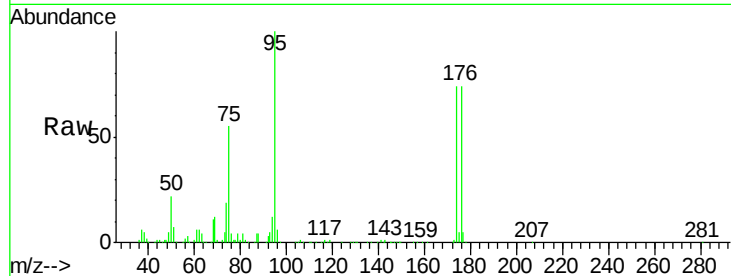
#62
4-Bromofluorobenzene
Concen: 45.792 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058253.D
Acq: 20 Sep 2019 16:19

Instrument :
MSVOA_N
ClientSampleId :
MW201D-20190912DL

Tot Ion	Ratio	Resp	Lower	Upper
95	100	332113		
174	74.7	0.0	152.2	
176	74.6	0.0	148.0	

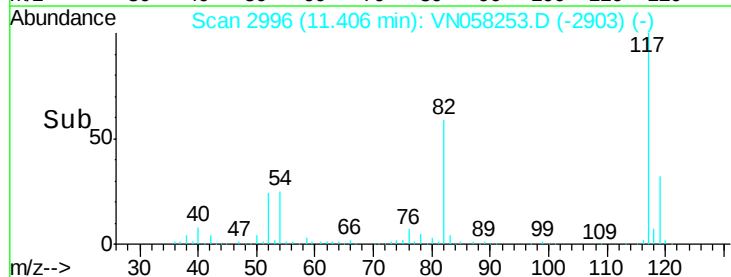
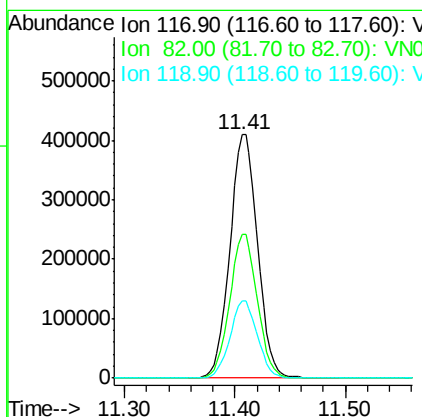
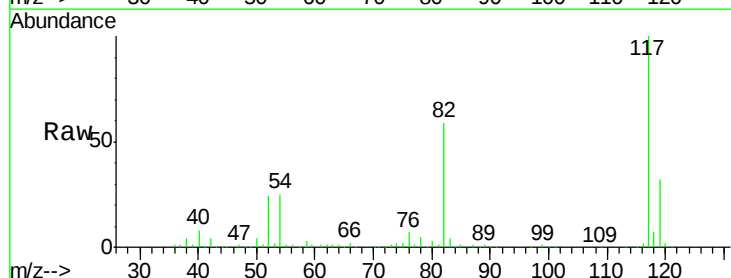
Manual Integrations
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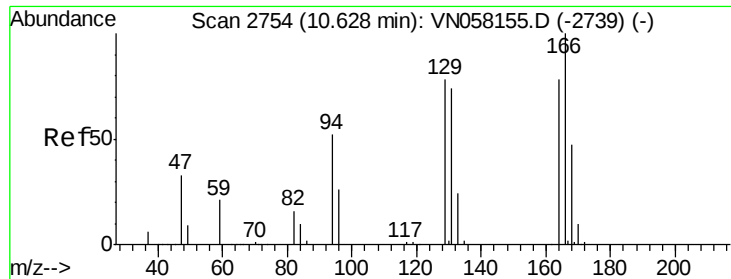
MMDadoda
9/23/2019 3:30:28 PM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN058253.D
Acq: 20 Sep 2019 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	710545		
82	59.3	46.9	70.3	
119	31.9	25.3	37.9	





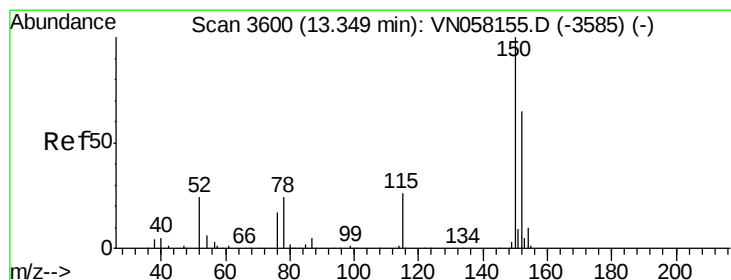
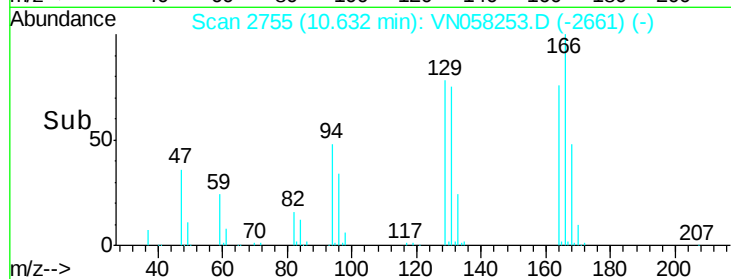
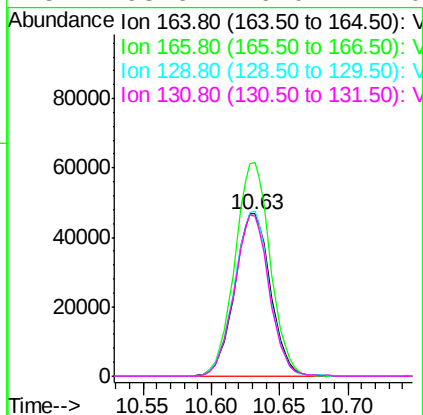
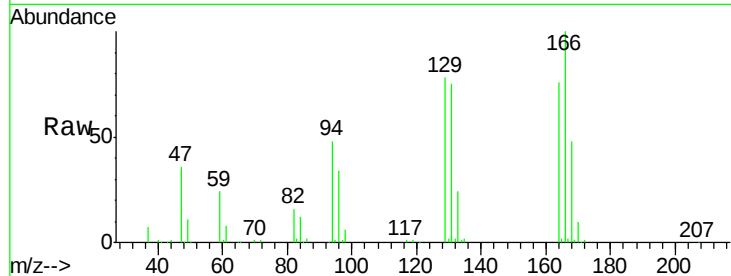
#64
Tetrachloroethene
Concen: 24.715 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN058253.D
Acq: 20 Sep 2019 16:19

Instrument :
MSVOA_N
ClientSampleId :
MW201D-20190912DL

Tot Ion	Ratio	Lower	Upper
164	100		
166	131.4	102.2	153.4
129	102.0	79.6	119.4
131	98.6	76.0	114.0

Manual Integrations
APPROVED

MMDadoda
9/23/2019 3:30:28 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN058253.D
Acq: 20 Sep 2019 16:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.4	30.1	90.3
150	157.8	0.0	346.4

