

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092019\
 Data File : VN058247.D
 Acq On : 20 Sep 2019 14:09
 Operator : JC/SP
 Sample : K4974-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE109D2-20190917

Manual Integrations
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 9/23/2019 3:30:03 PM

Quant Time: Sep 23 04:48:10 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	505676	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	811068	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	687038	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	279889	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	355332	50.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.90%	
35) Dibromofluoromethane	7.57	113	249922	50.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.38%	
50) Toluene-d8	10.08	98	1019990	53.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.18%	
62) 4-Bromofluorobenzene	12.41	95	323180	45.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.58%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	3.74	101	6163	1.508	ug/l	89
16) Acetone	3.80	43	13194	5.519	ug/l	89
27) cis-1,2-Dichloroethene	6.81	96	2154m	0.420	ug/l	
38) Carbon Tetrachloride	7.75	117	2494m	0.424	ug/l	
44) Trichloroethene	8.82	130	222282	50.845	ug/l	99
64) Tetrachloroethene	10.63	164	2113	0.631	ug/l	91

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

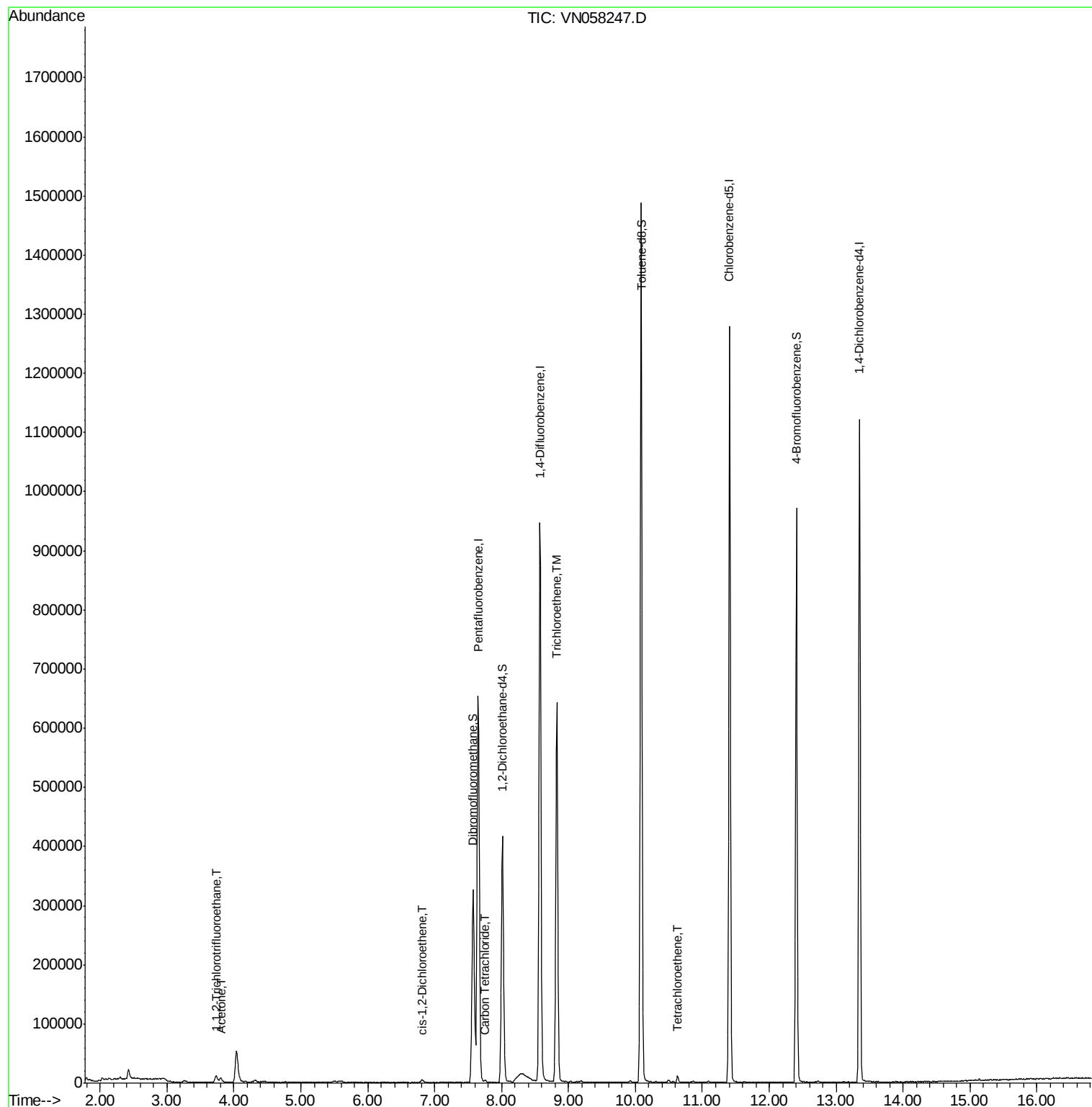
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092019\
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Quant Time: Sep 23 04:48:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 19 09:27:53 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN058247.D

Acq: 20 Sep 2019 14:09

Instrument :

MSVOA_N

ClientSampleId :

RE109D2-20190917

Tot Ion:168 Resp: 505676

Ion Ratio Lower Upper

168 100

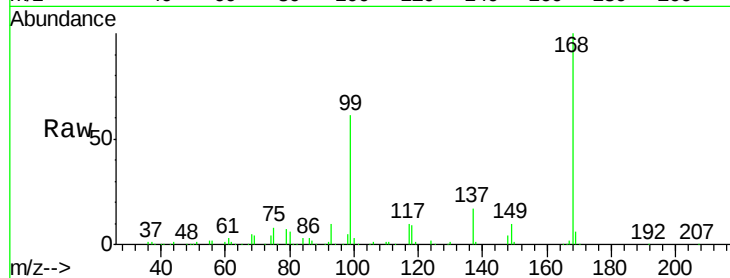
99 61.1 47.4 71.2

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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

250000

200000

150000

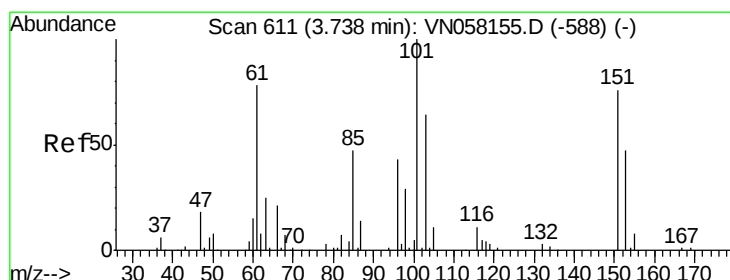
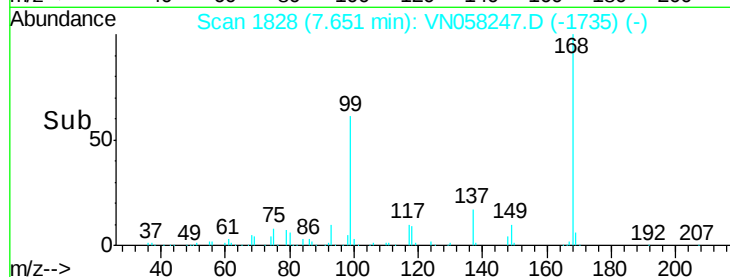
100000

50000

0

7.60 7.70 7.80

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.508 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.00 min

Lab File: VN058247.D

Acq: 20 Sep 2019 14:09

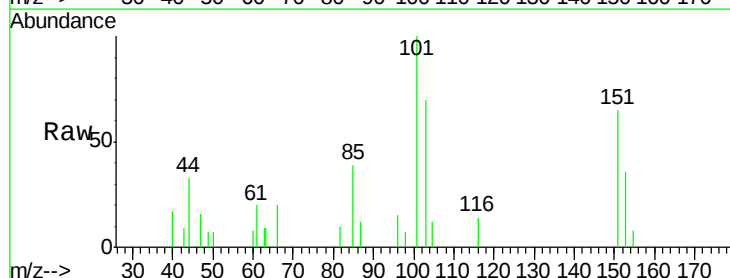
Tgt Ion:101 Resp: 6163

Ion Ratio Lower Upper

101 100

85 42.8 37.3 55.9

151 62.1 59.6 89.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V

3.74

3000

2500

2000

1500

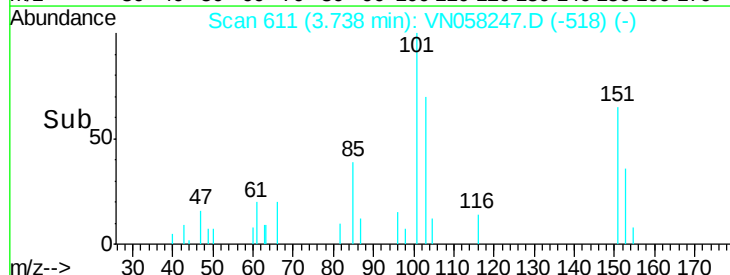
1000

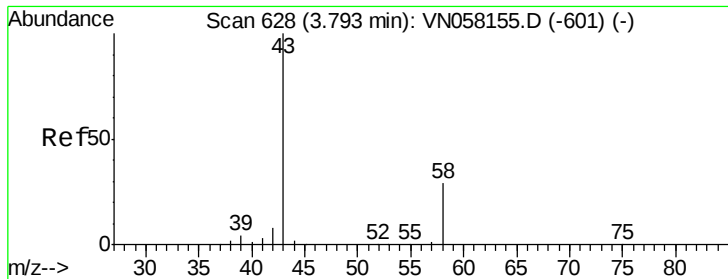
500

0

3.65 3.70 3.75 3.80

Time-->





#16

Acetone

Concen: 5.519 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN058247.D

Acq: 20 Sep 2019 14:09

Instrument :

MSVOA_N

ClientSampleId :

RE109D2-20190917

Tot Ion: 43 Resp: 13194

Ion Ratio Lower Upper

43 100

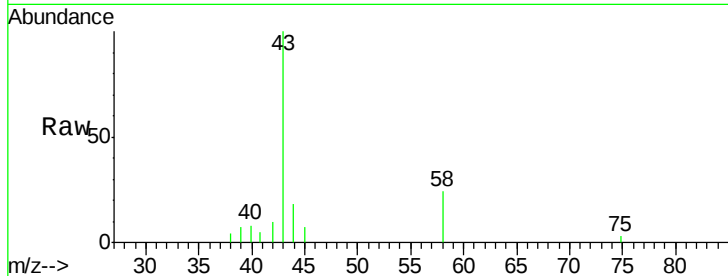
58 23.6 23.4 35.2

Manual Integrations

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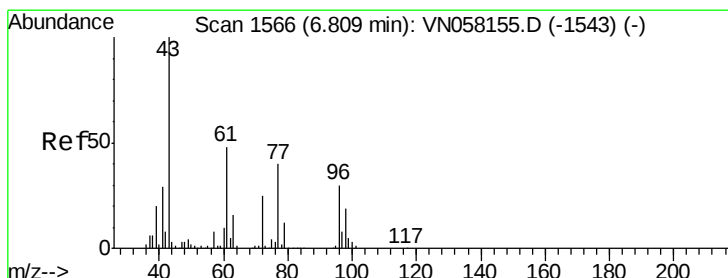
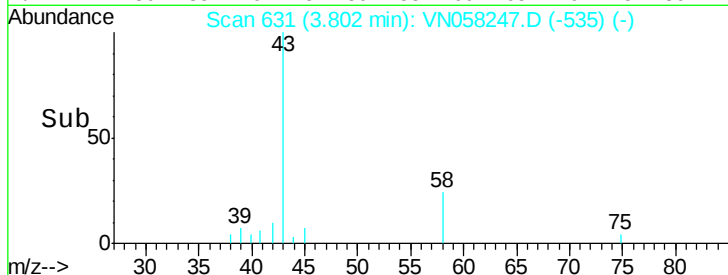
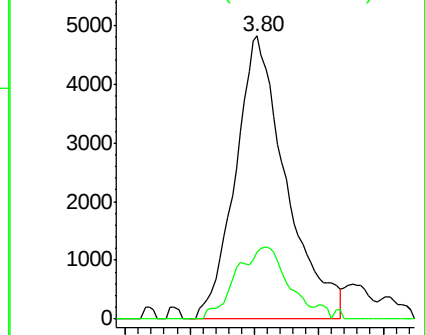
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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#27

cis-1,2-Dichloroethene

Concen: 0.420 ug/l m

RT: 6.81 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN058247.D

Acq: 20 Sep 2019 14:09

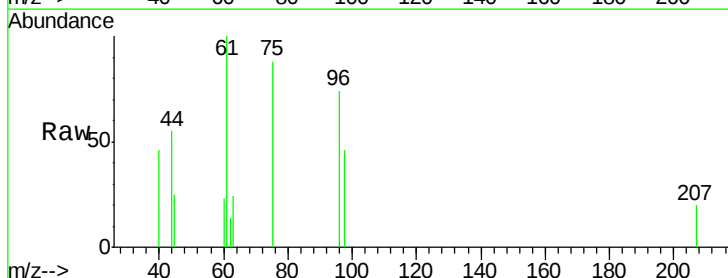
Tgt Ion: 96 Resp: 2154

Ion Ratio Lower Upper

96 100

61 137.0 0.0 319.0

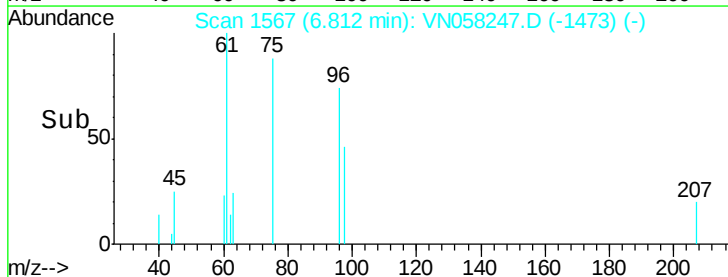
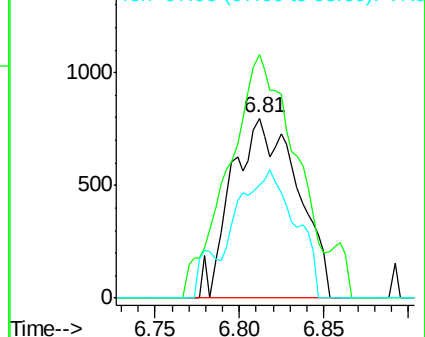
98 61.3 0.0 126.6

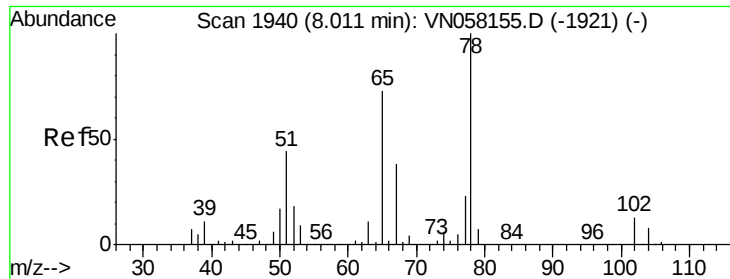


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





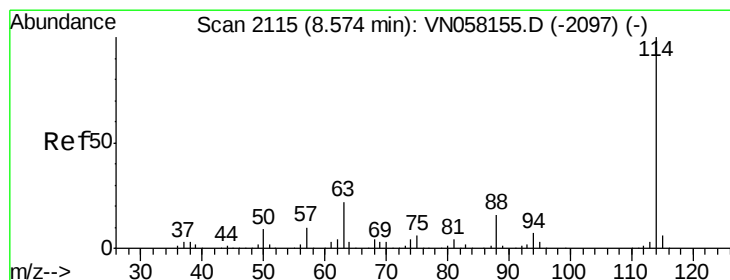
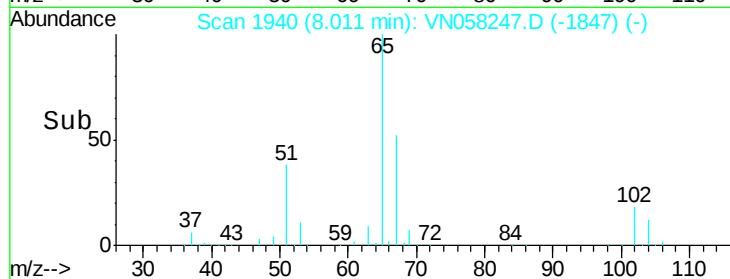
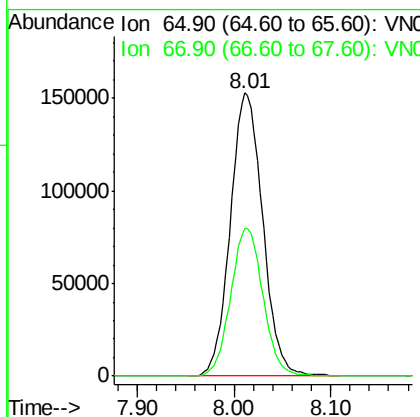
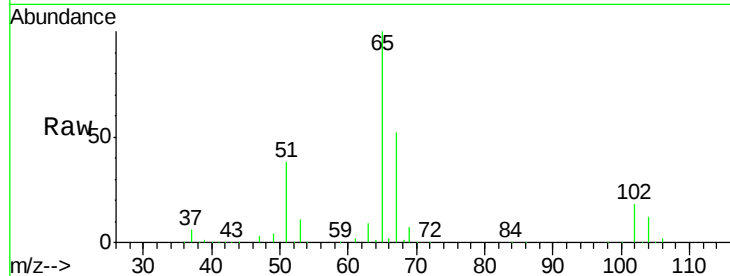
#33
 1,2-Dichloroethane-d4
 Concen: 50.451 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. -0.00 min
 Lab File: VN058247.D
 Acq: 20 Sep 2019 14:09

Instrument :
 MSVOA_N
 ClientSampleId :
 RE109D2-20190917

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.1	0.0	103.4	

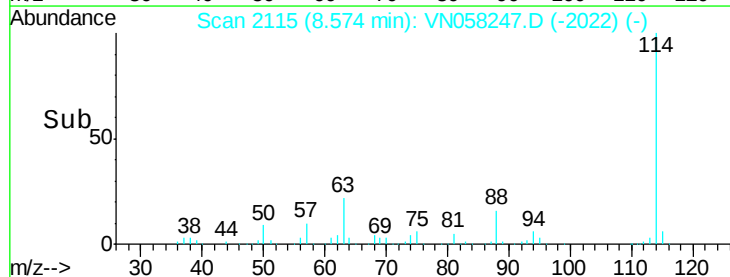
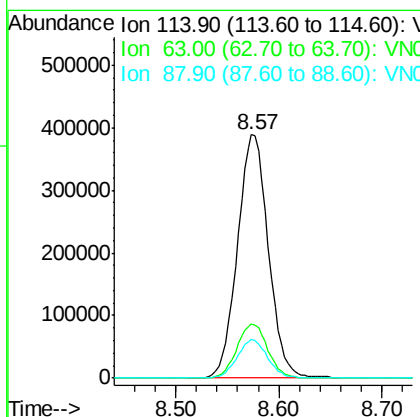
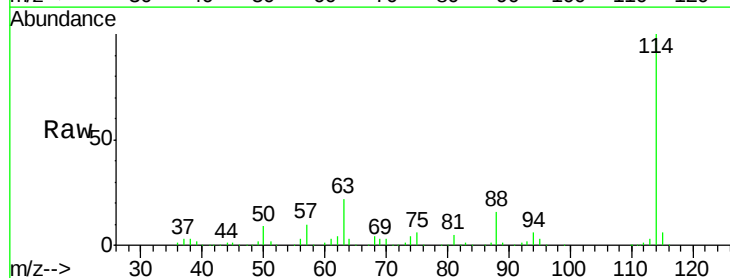
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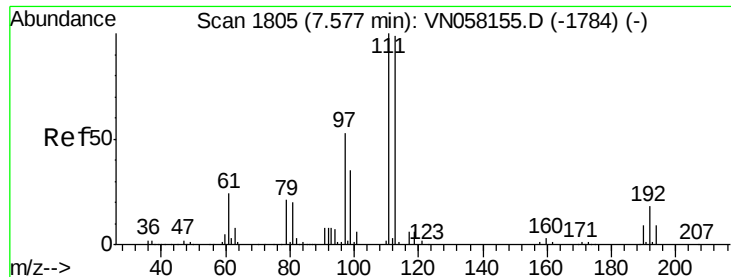
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN058247.D
 Acq: 20 Sep 2019 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	22.1	0.0	44.2	
88	15.7	0.0	31.6	





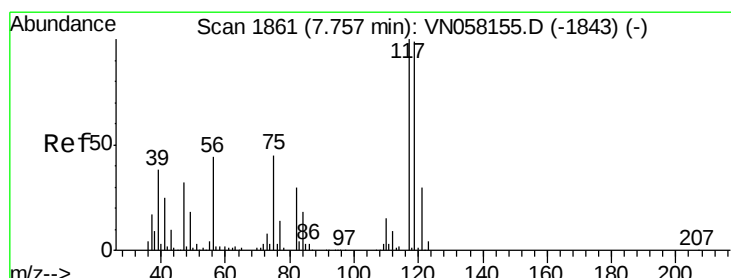
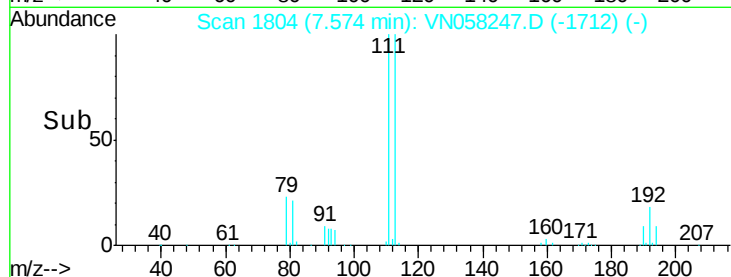
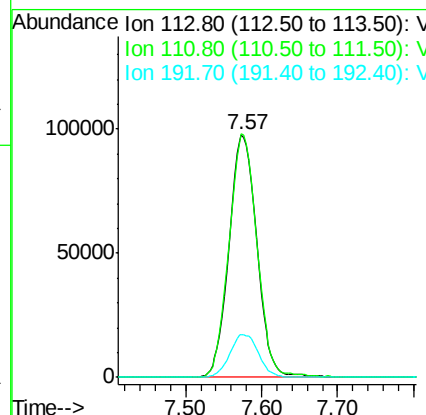
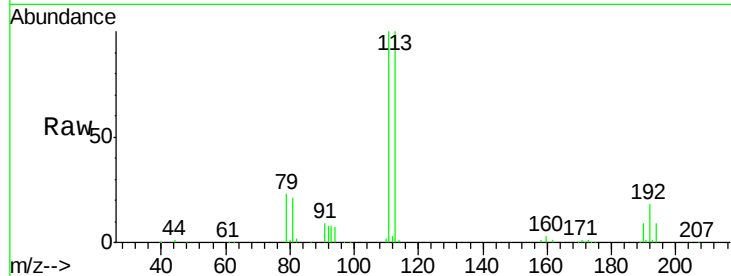
#35
 Dibromofluoromethane
 Concen: 50.688 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN058247.D
 Acq: 20 Sep 2019 14:09

Instrument :
 MSVOA_N
 ClientSampleId :
 RE109D2-20190917

Tot Ion	Ratio	Resp	Lower	Upper
113	100	249922		
111	100.7	81.8	122.6	
192	18.2	14.5	21.7	

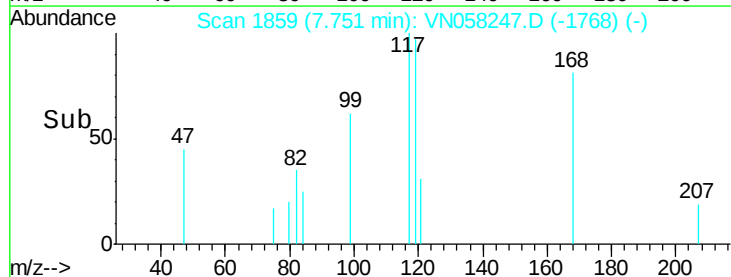
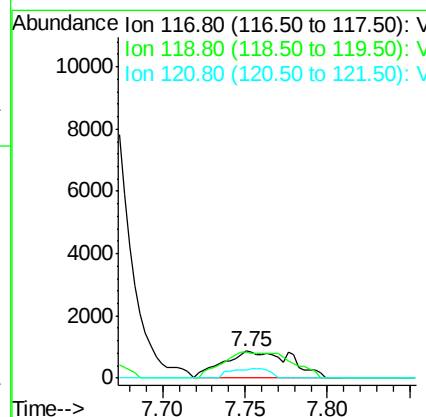
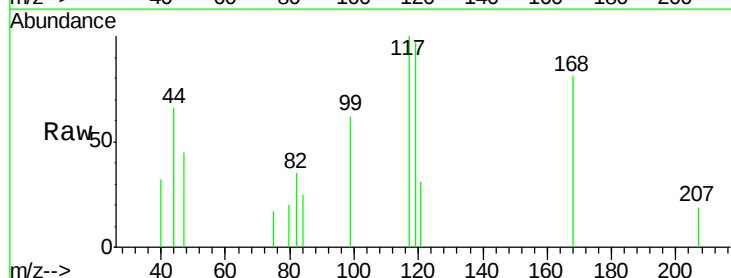
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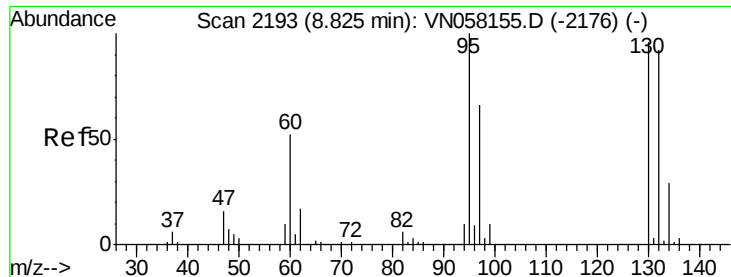
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#38
 Carbon Tetrachloride
 Concen: 0.424 ug/l m
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.01 min
 Lab File: VN058247.D
 Acq: 20 Sep 2019 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	2494		
119	96.9	78.6	117.8	
121	31.1	24.1	36.1	





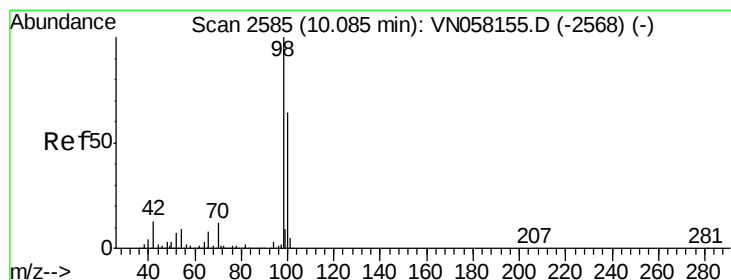
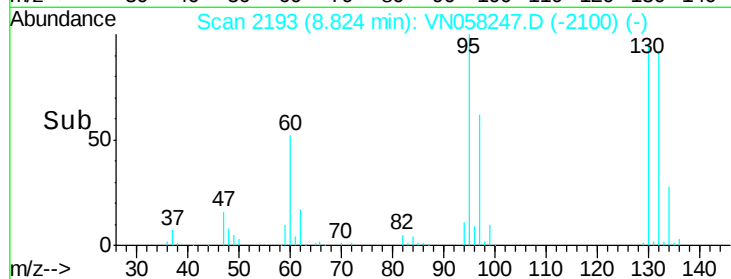
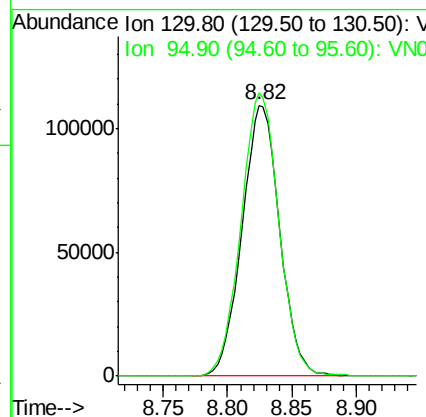
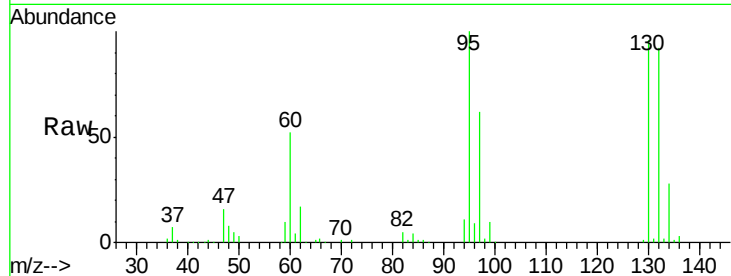
#44
 Trichloroethene
 Concen: 50.845 ug/l
 RT: 8.82 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VN058247.D
 Acq: 20 Sep 2019 14:09

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 MSVOA_N
 ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
130	100	222282		
95	104.5	0.0	207.8	

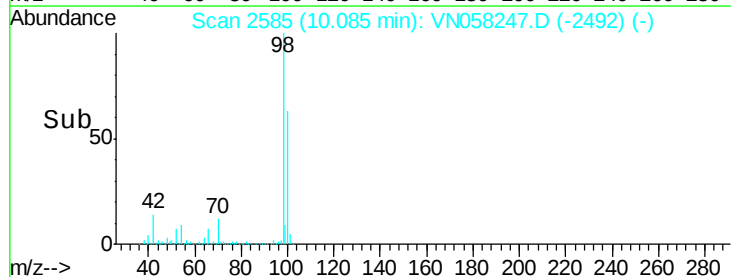
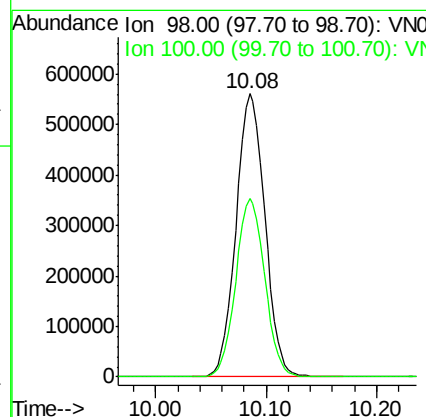
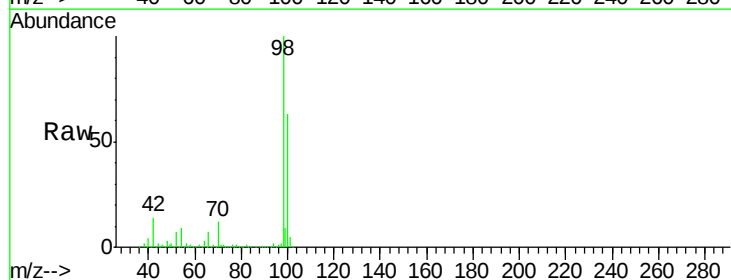
Manual Integrations
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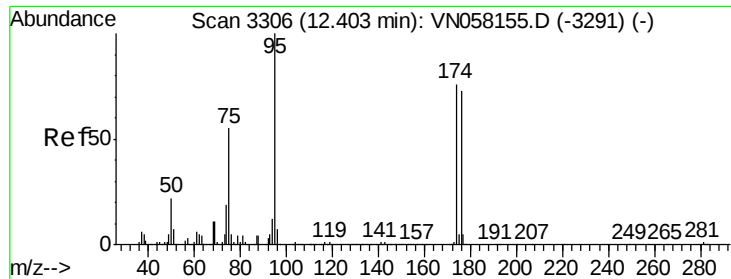
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#50
 Toluene-d8
 Concen: 53.095 ug/l
 RT: 10.08 min Scan# 2585
 Delta R.T. -0.00 min
 Lab File: VN058247.D
 Acq: 20 Sep 2019 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	1019990		
100	63.3	51.1	76.7	





#62

4-Bromofluorobenzene

Concen: 45.288 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058247.D

Acq: 20 Sep 2019 14:09

Instrument :

MSVOA_N

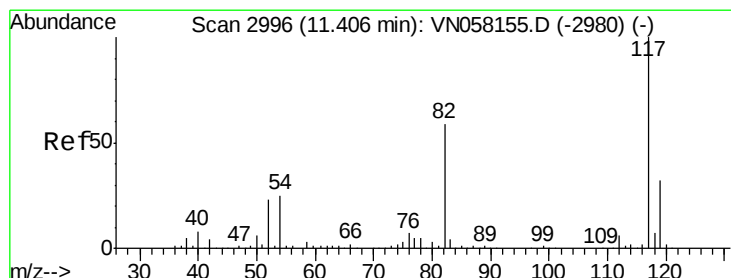
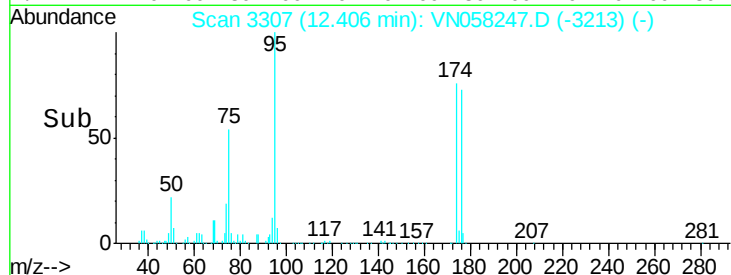
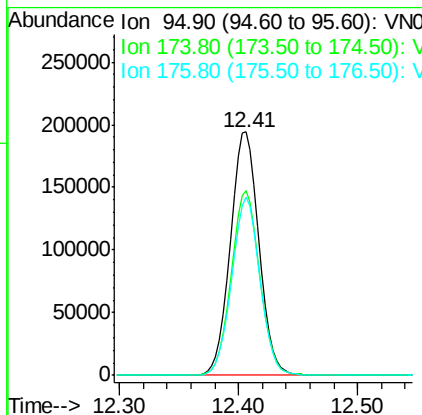
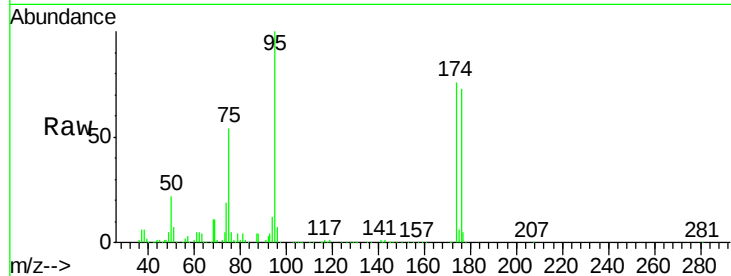
ClientSampleId :

RE109D2-20190917

Tot Ion:	95	Resp:	323180
Ion Ratio	Lower	Upper	
95	100		
174	75.7	0.0	152.2
176	72.4	0.0	148.0

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

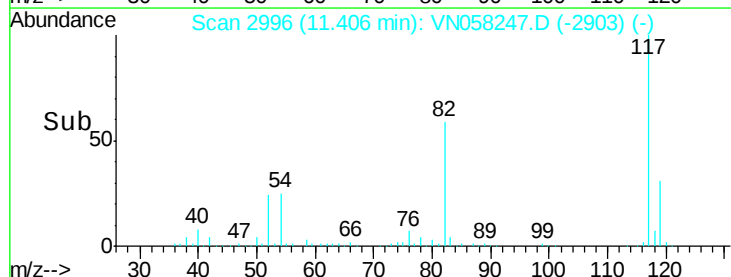
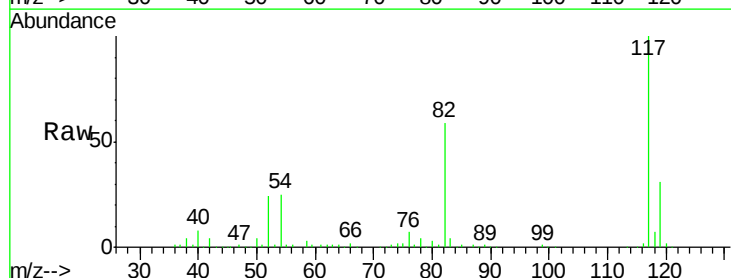
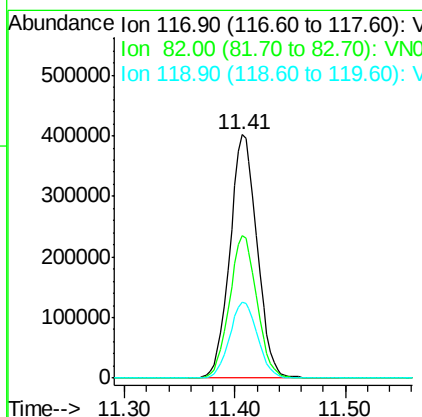
RT: 11.41 min Scan# 2996

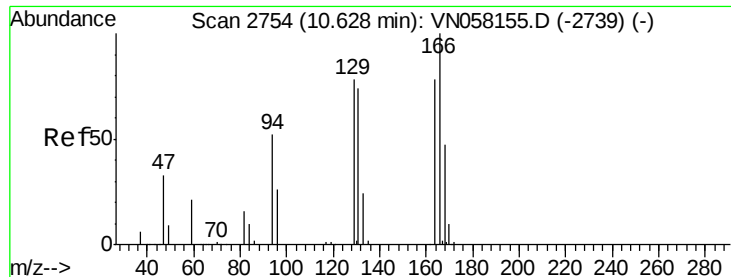
Delta R.T. -0.00 min

Lab File: VN058247.D

Acq: 20 Sep 2019 14:09

Tgt Ion:	117	Resp:	687038
Ion Ratio	Lower	Upper	
117	100		
82	58.6	46.9	70.3
119	31.0	25.3	37.9





#64

Tetrachloroethene

Concen: 0.631 ug/l

RT: 10.63 min Scan# 2756

Delta R.T. 0.01 min

Lab File: VN058247.D

Acq: 20 Sep 2019 14:09

Instrument :

MSVOA_N

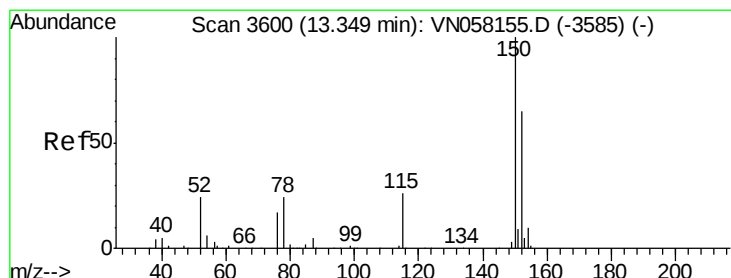
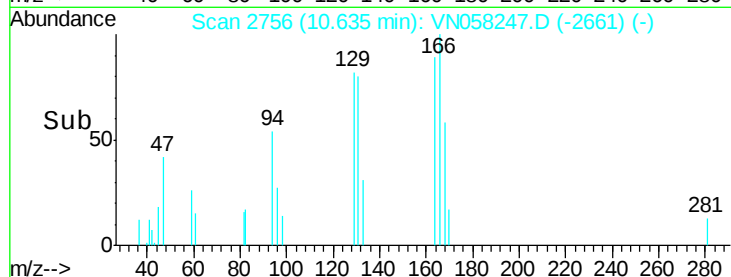
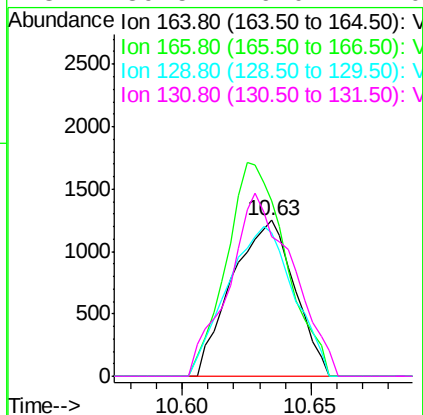
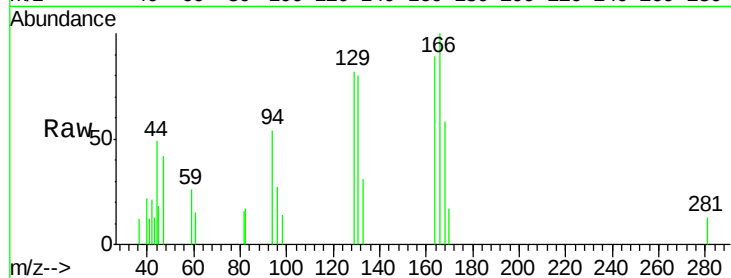
ClientSampled :

RE109D2-20190917

Tot Ion:	164	Resp:	2113
Ion	Ratio	Lower	Upper
164	100		
166	112.4	102.2	153.4
129	92.5	79.6	119.4
131	89.5	76.0	114.0

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN058247.D

Acq: 20 Sep 2019 14:09

Tgt Ion:	152	Resp:	279889
Ion	Ratio	Lower	Upper
152	100		
115	60.7	30.1	90.3
150	157.8	0.0	346.4

