

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100220\
 Data File : VN063817.D
 Acq On : 2 Oct 2020 13:33
 Operator : JC/MD
 Sample : L4236-01DL 4X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1DL

Manual Integrations
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 10/5/2020 5:35:23 PM

Quant Time: Oct 05 04:48:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	230134	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	418831	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	443645	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	185753	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	192986	50.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.52%	
35) Dibromofluoromethane	7.55	113	138002	47.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.98%	
50) Toluene-d8	10.06	98	532793	48.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.72%	
62) 4-Bromofluorobenzene	12.38	95	224229	54.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.28%	
Target Compounds						
4) Vinyl Chloride	2.17	62	23292	8.144	ug/l	97
6) Chloroethane	2.68	64	10976	6.422	ug/l	95
12) 1,1-Dichloroethene	3.70	96	81988	35.379	ug/l	99
24) 1,1-Dichloroethane	5.80	63	24316	4.801	ug/l	96
27) cis-1,2-Dichloroethene	6.79	96	12022m	4.027	ug/l	
42) 1,2-Dichloroethane	8.09	62	10694	2.067	ug/l	91
49) 1,4-Dioxane	9.16	88	41598	851.969	ug/l	96

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

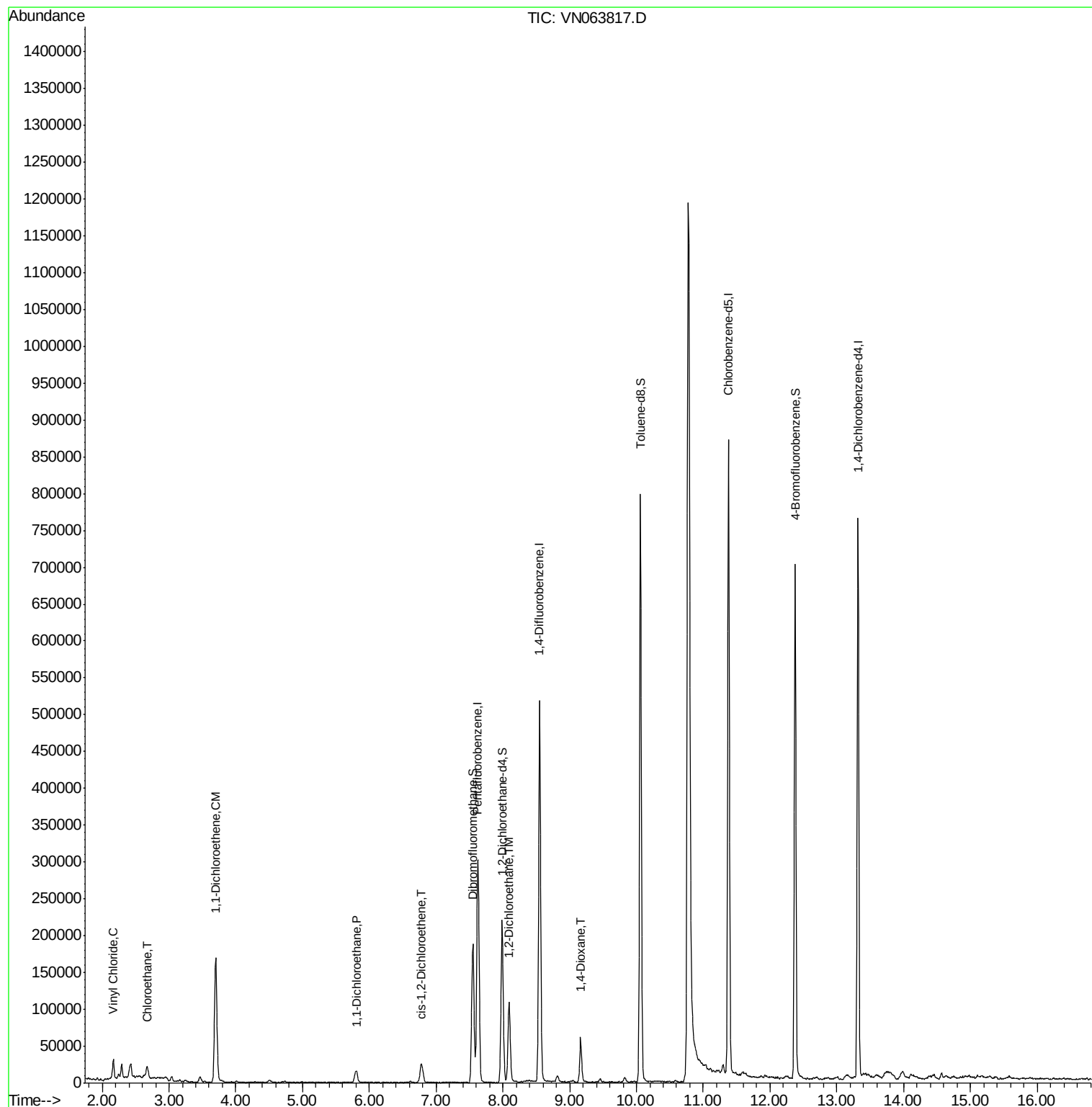
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100220\
Data File : VN063817.D
Acq On : 2 Oct 2020 13:33
Operator : JC/MD
Sample : L4236-01DL 4X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 8 Sample Multiplier: 1

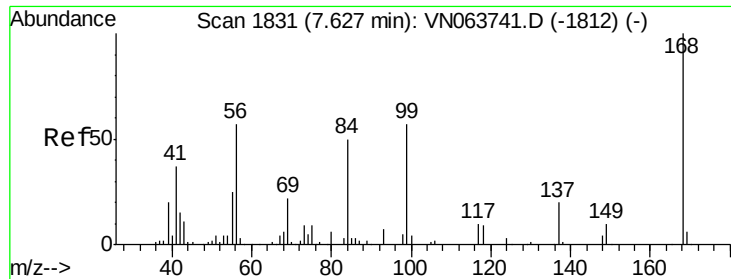
Instrument :
MSVOA_N
ClientSampleId :
MW-1DL

Manual Integrations
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Quant Time: Oct 05 04:48:26 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063817.D

Acq: 2 Oct 2020 13:33

Instrument :

MSVOA_N

ClientSampled :

MW-1DL

Tot Ion:168 Resp: 230134

Ion Ratio Lower Upper

168 100

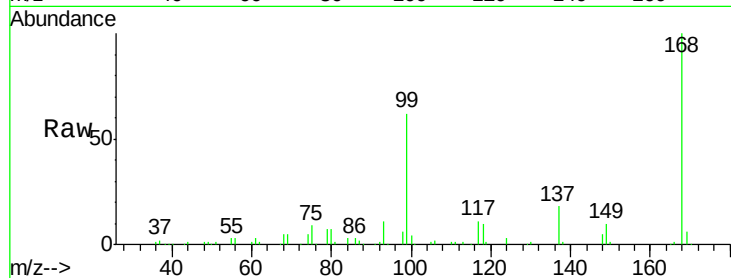
99 62.4 51.8 77.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

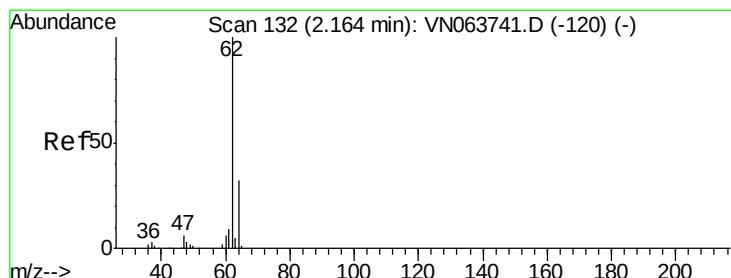
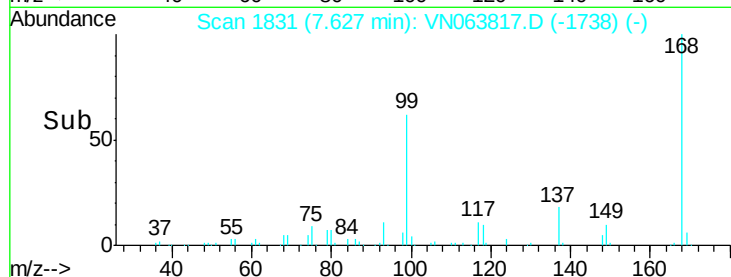
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#4

Vinyl Chloride

Concen: 8.144 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN063817.D

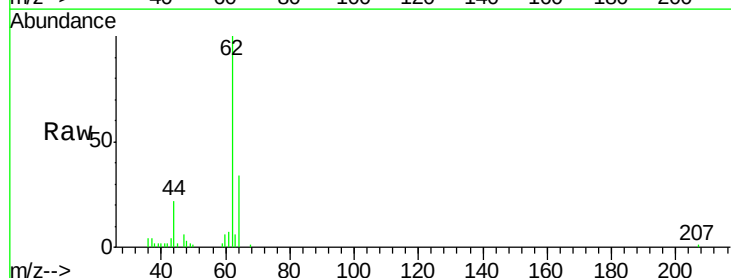
Acq: 2 Oct 2020 13:33

Tgt Ion: 62 Resp: 23292

Ion Ratio Lower Upper

62 100

64 33.6 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.17

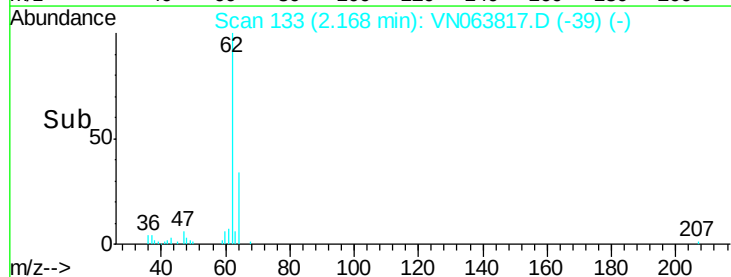
15000

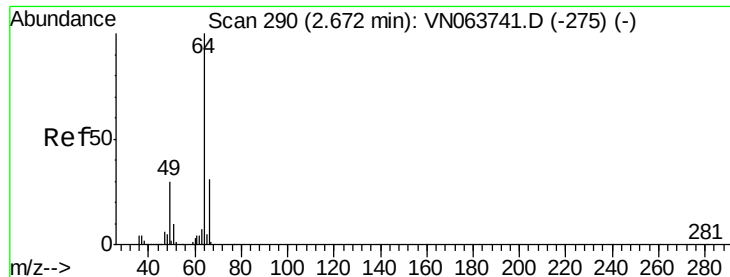
10000

5000

0

Time--> 2.10 2.15 2.20





#6

Chloroethane

Concen: 6.422 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN063817.D

Acq: 2 Oct 2020 13:33

Instrument :

MSVOA_N

ClientSampled :

MW-1DL

Tot Ion: 64 Resp: 10976

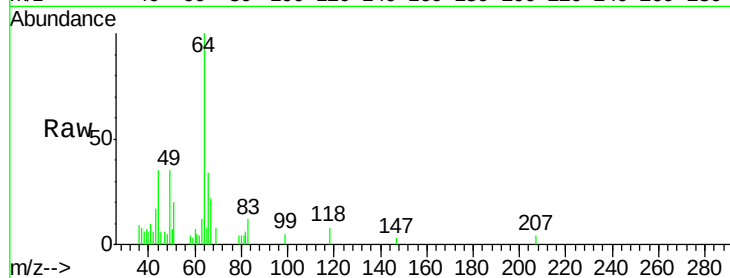
Ion Ratio Lower Upper

64 100

66 34.1 25.1 37.7

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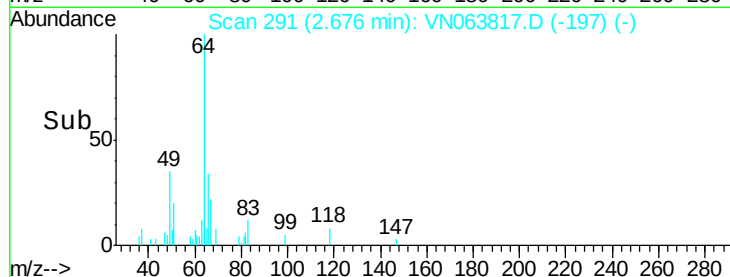


Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.68

Time-->



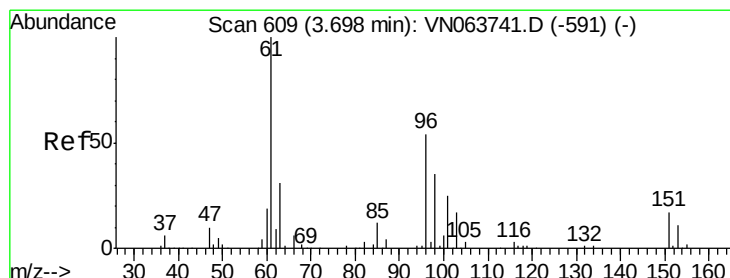
Abundance

Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.68

Time-->



#12

1,1-Dichloroethene

Concen: 35.379 ug/l

RT: 3.70 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN063817.D

Acq: 2 Oct 2020 13:33

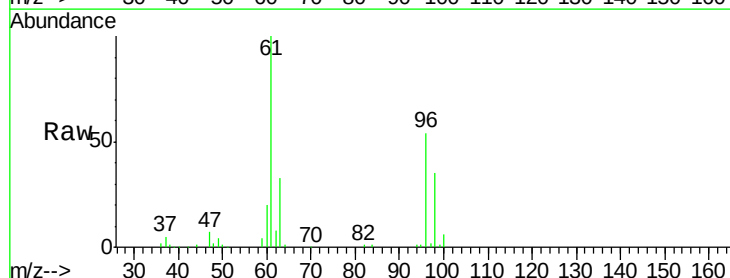
Tgt Ion: 96 Resp: 81988

Ion Ratio Lower Upper

96 100

61 185.2 147.7 221.5

98 64.0 51.9 77.9



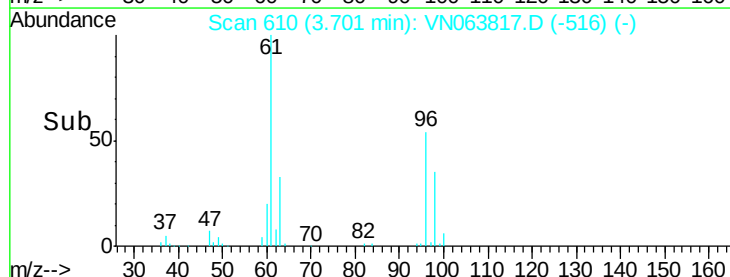
Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

3.70

Time-->



Abundance

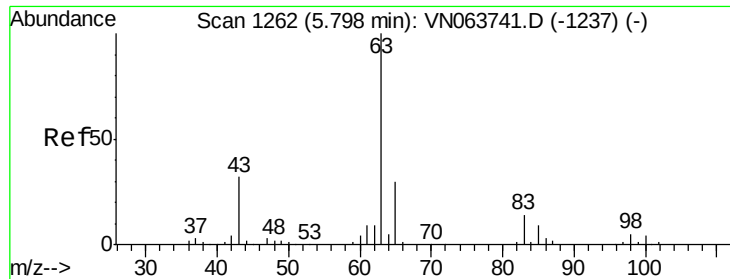
Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

3.70

Time-->



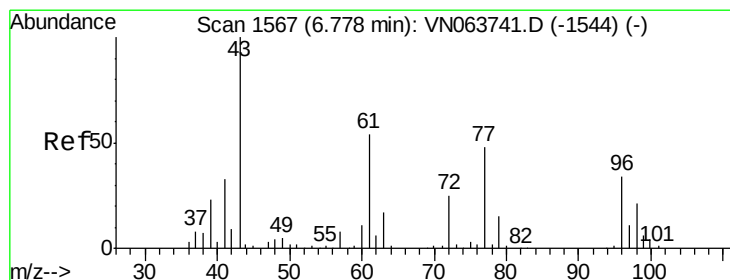
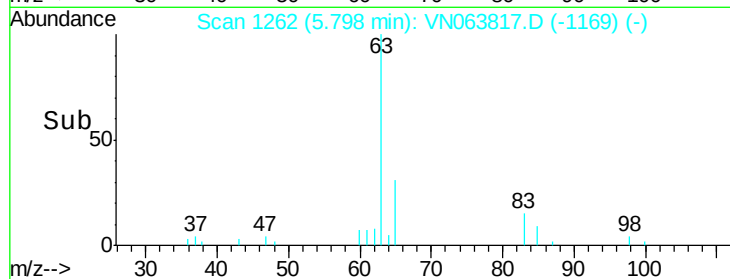
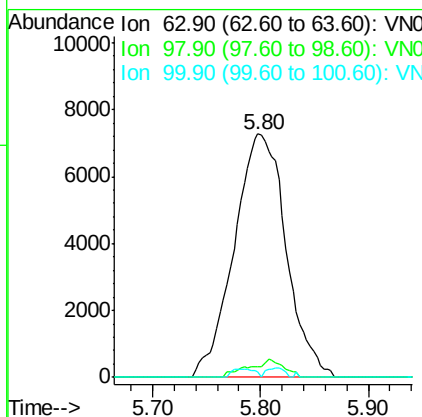
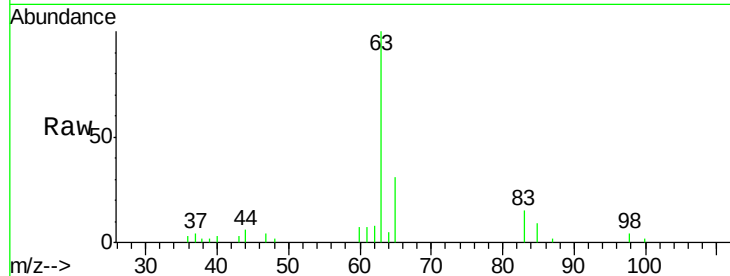
#24
 1,1-Dichloroethane
 Concen: 4.801 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VN063817.D
 Acq: 2 Oct 2020 13:33

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1DL

Tot Ion:	63	Resp:	24316
Ion	Ratio	Lower	Upper
63	100		
98	4.5	2.7	8.1
100	2.3	1.9	5.7

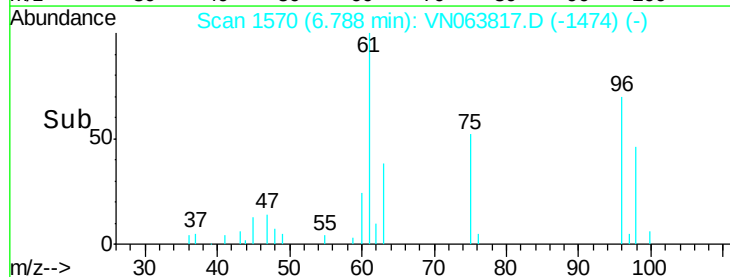
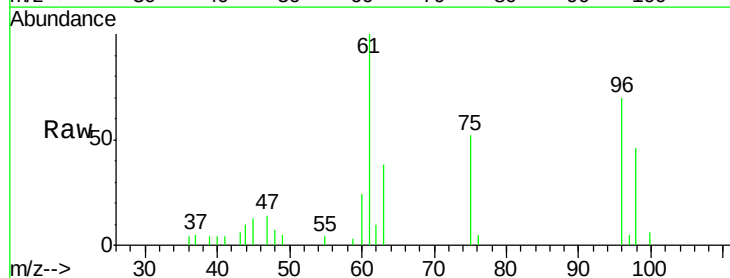
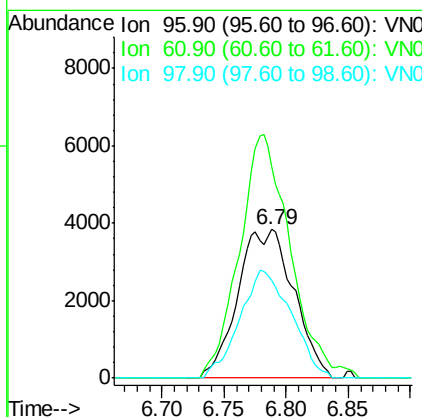
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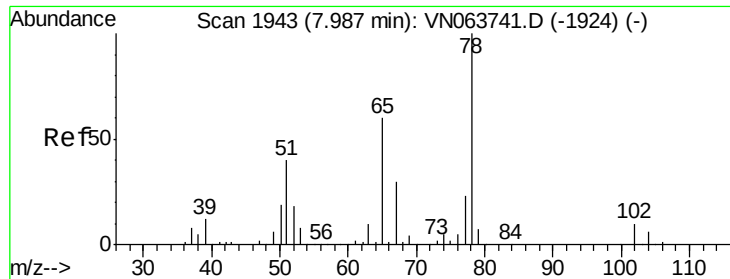
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#27
 cis-1,2-Dichloroethene
 Concen: 4.027 ug/l m
 RT: 6.79 min Scan# 1570
 Delta R.T. 0.01 min
 Lab File: VN063817.D
 Acq: 2 Oct 2020 13:33

Tgt Ion:	96	Resp:	12022
Ion	Ratio	Lower	Upper
96	100		
61	146.9	0.0	321.2
98	66.8	0.0	124.4





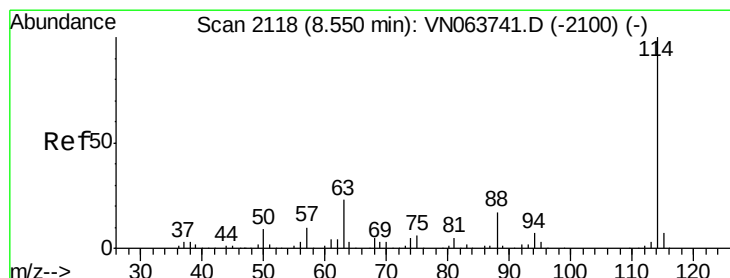
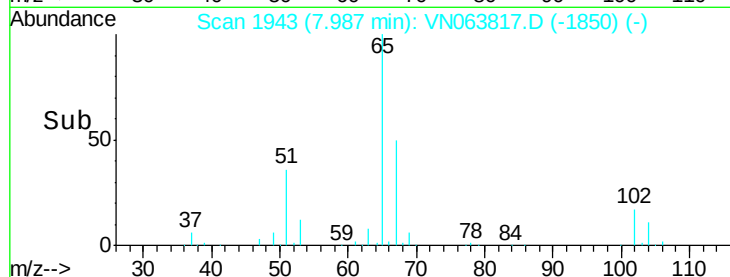
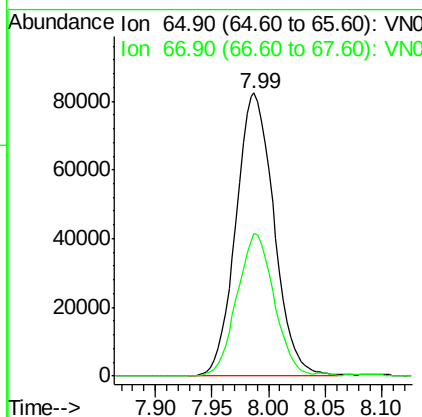
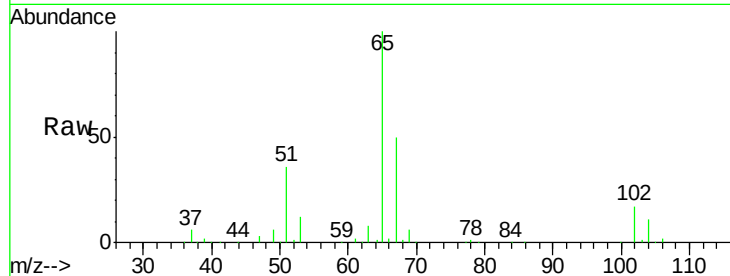
#33
 1,2-Dichloroethane-d4
 Concen: 50.759 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063817.D
 Acq: 2 Oct 2020 13:33

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1DL

Tot Ion	Ratio	Resp	Lower	Upper
65	100	192986		
67	49.2	0.0	99.6	

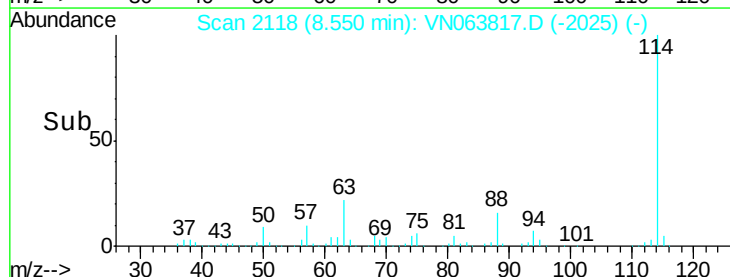
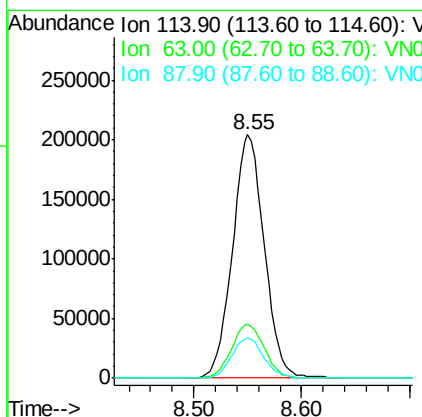
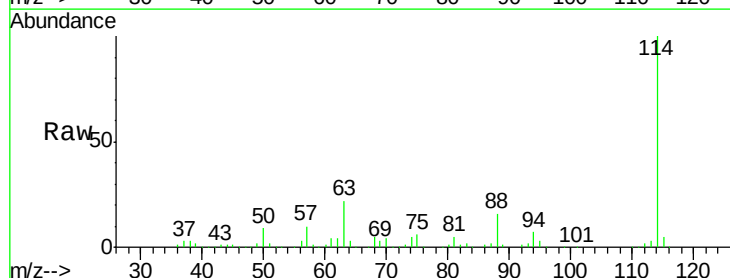
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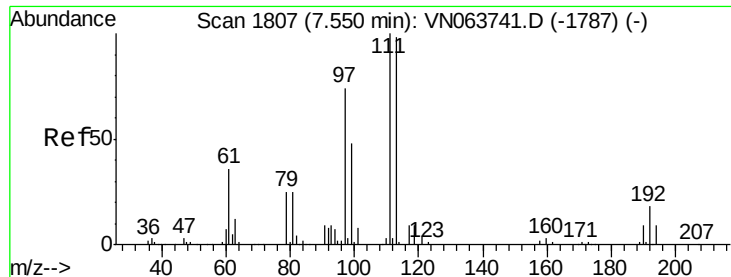
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063817.D
 Acq: 2 Oct 2020 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	418831		
63	22.3	0.0	45.0	
88	16.4	0.0	34.0	





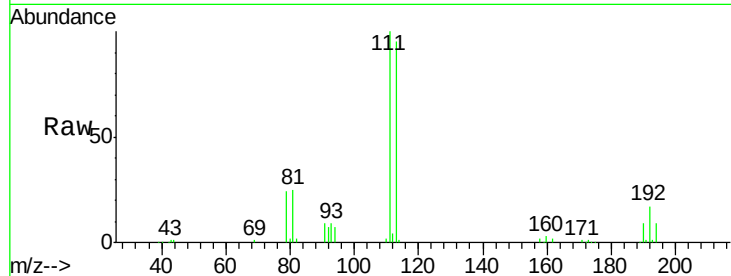
#35
 Dibromofluoromethane
 Concen: 47.486 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063817.D
 Acq: 2 Oct 2020 13:33

Instrument :
 MSVOA_N
 ClientSampled :
 MW-1DL

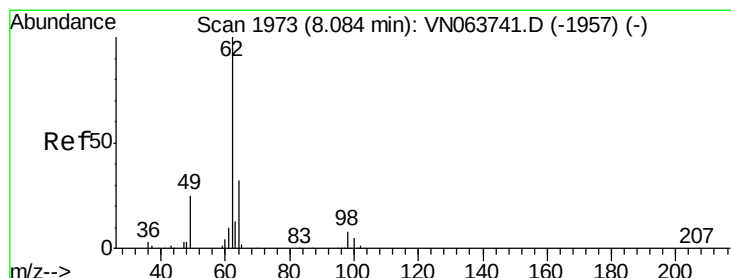
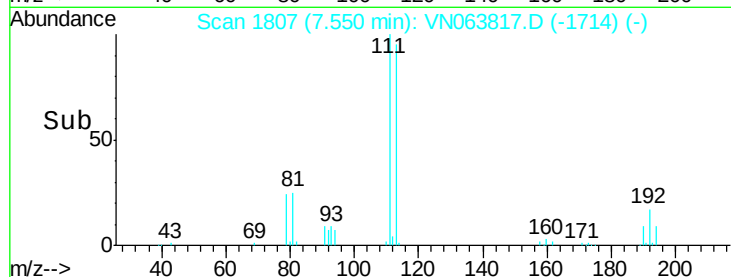
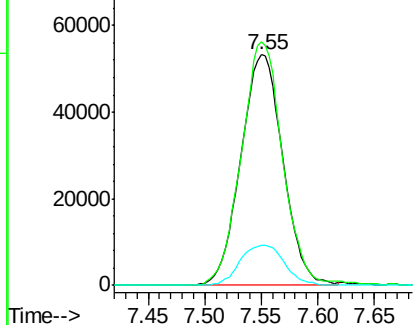
Tot Ion	Ratio	Resp	Lower	Upper
113	100	138002		
111	104.1	81.8	122.8	
192	18.3	14.2	21.2	

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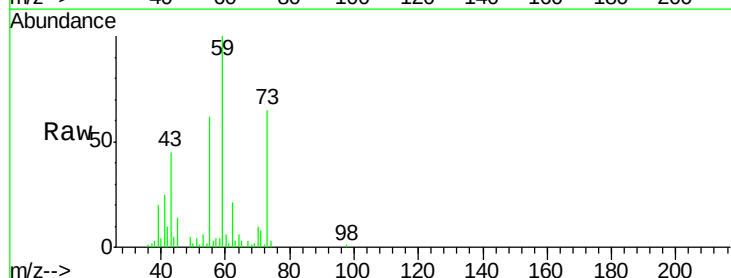


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

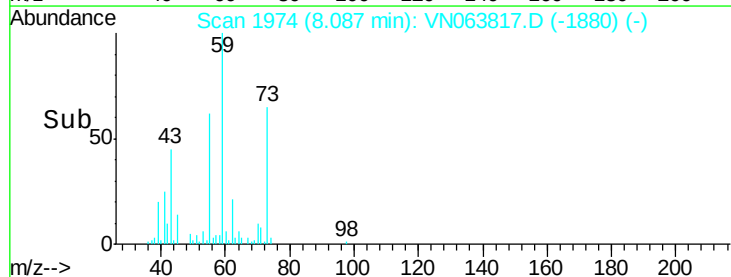
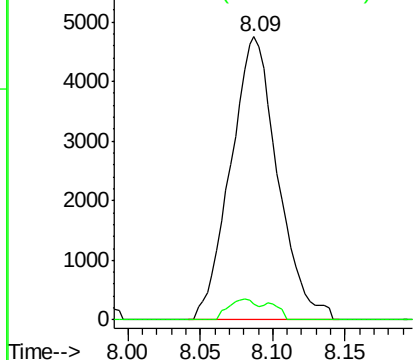


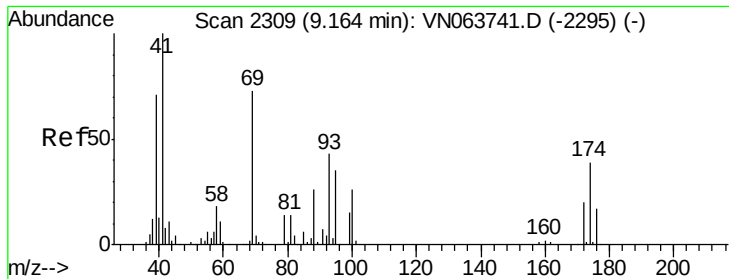
#42
 1,2-Dichloroethane
 Concen: 2.067 ug/l
 RT: 8.09 min Scan# 1974
 Delta R.T. 0.00 min
 Lab File: VN063817.D
 Acq: 2 Oct 2020 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
62	100	10694		
98	4.3	0.0	15.0	



Abundance Ion 61.90 (61.60 to 62.60): V
 Ion 97.90 (97.60 to 98.60): V





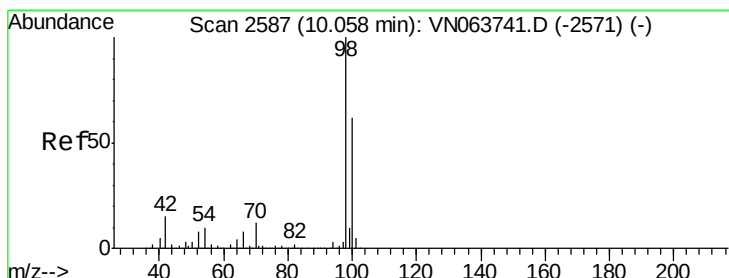
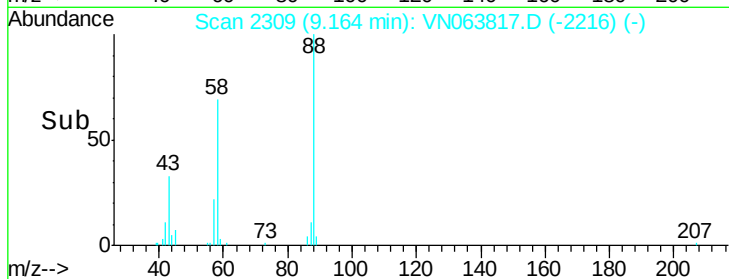
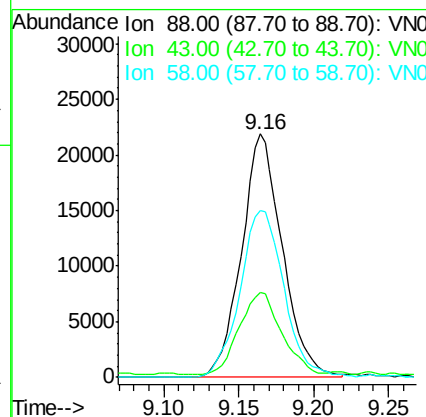
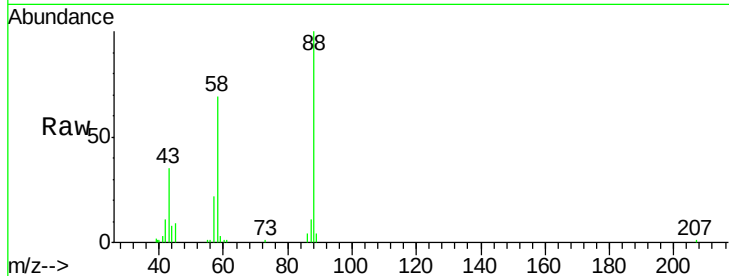
#49
1,4-Dioxane
Concen: 851.969 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN063817.D
Acq: 2 Oct 2020 13:33

Instrument :
MSVOA_N
ClientSampleId :
MW-1DL

Tot Ion	Ratio	Resp	Lower	Upper
88	100	41598		
43	35.2		33.1	49.7
58	73.6		58.9	88.3

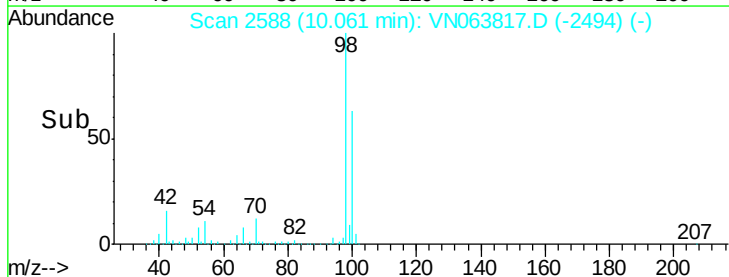
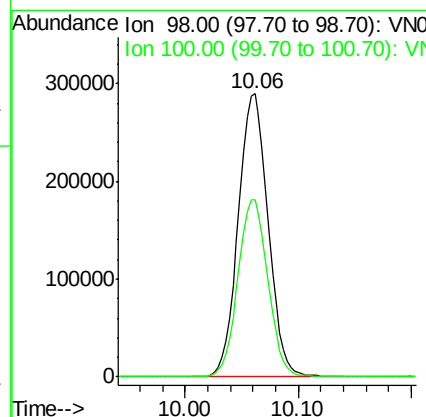
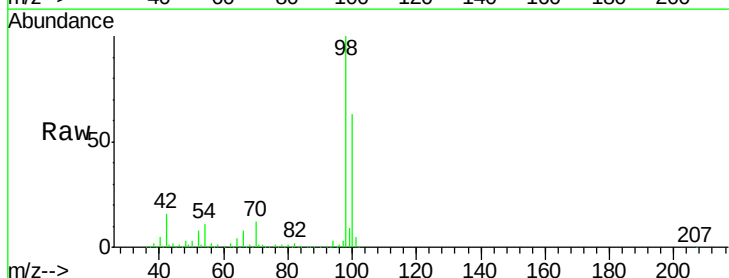
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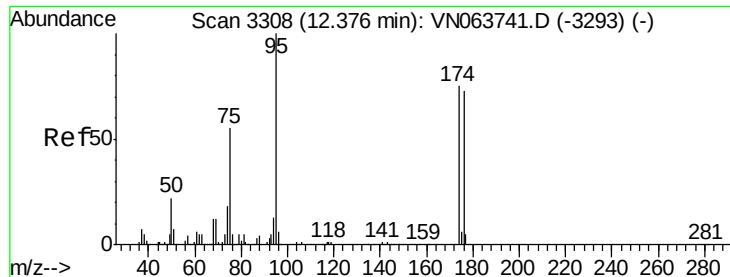
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#50
Toluene-d8
Concen: 48.361 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063817.D
Acq: 2 Oct 2020 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	532793		
100	63.1		49.8	74.6





#62

4-Bromofluorobenzene

Concen: 54.143 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN063817.D

Acq: 2 Oct 2020 13:33

Instrument :

MSVOA_N

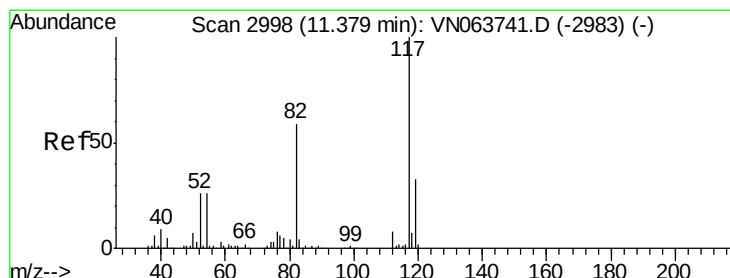
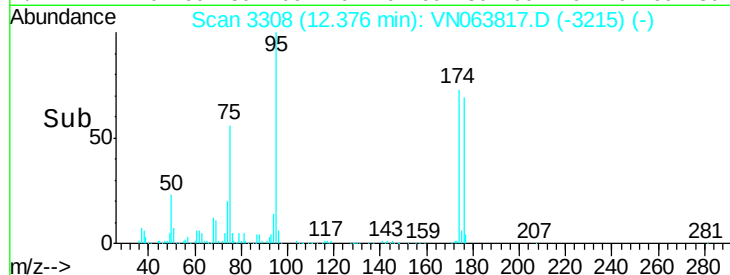
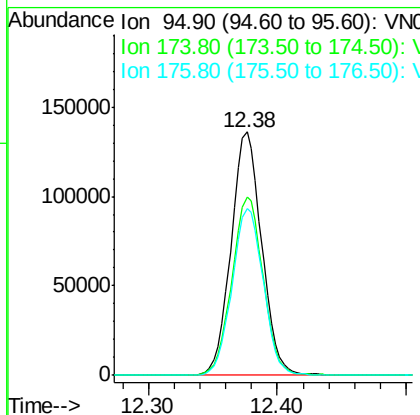
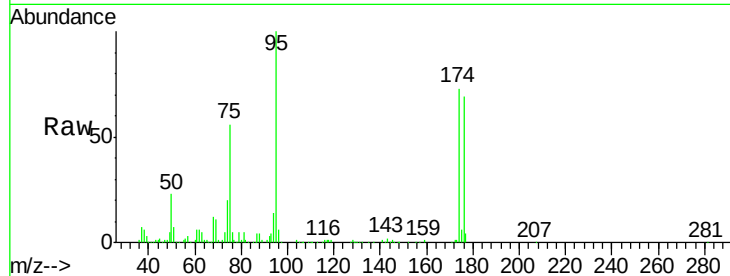
ClientSampled :

MW-1DL

Tot Ion:	95	Resp:	224229
Ion Ratio	Lower	Upper	
95	100		
174	74.1	0.0	150.6
176	69.8	0.0	145.4

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

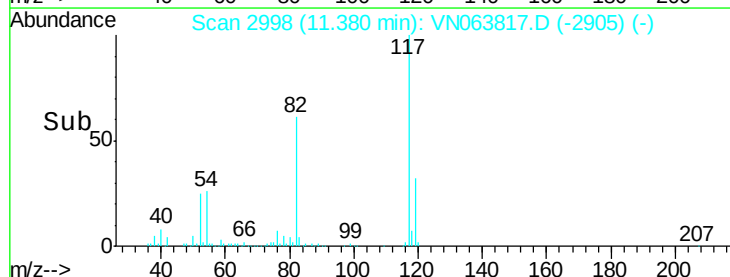
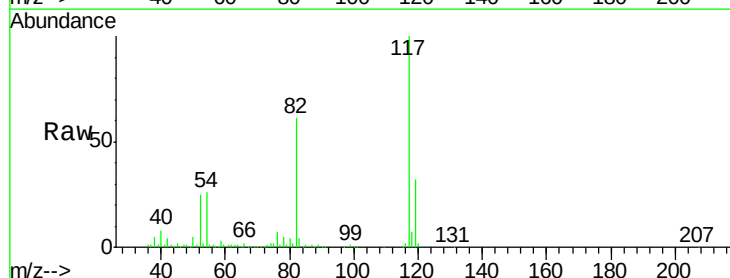
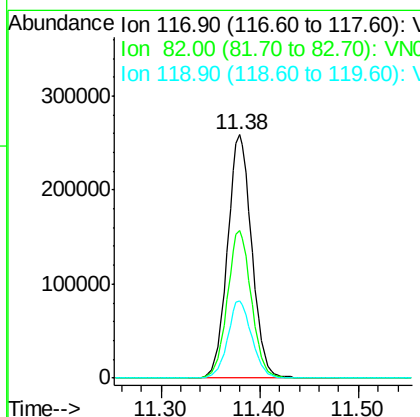
RT: 11.38 min Scan# 2998

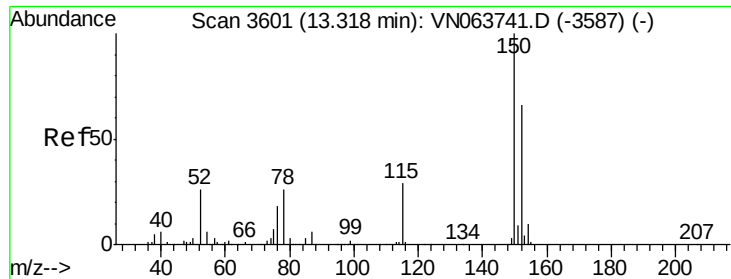
Delta R.T. 0.00 min

Lab File: VN063817.D

Acq: 2 Oct 2020 13:33

Tgt Ion:	117	Resp:	443645
Ion Ratio	Lower	Upper	
117	100		
82	60.8	47.4	71.2
119	31.9	26.4	39.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063817.D

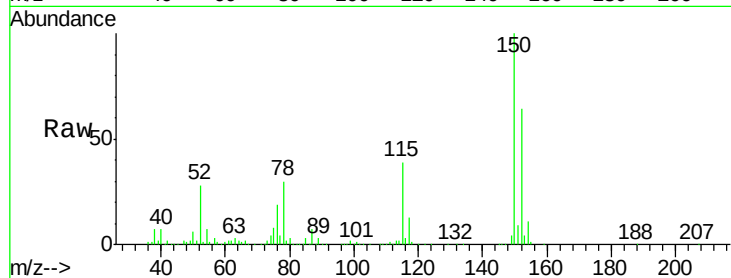
Acq: 2 Oct 2020 13:33

Instrument :

MSVOA_N

ClientSampleId :

MW-1DL



Tot Ion:152 Resp: 185753

Ion Ratio Lower Upper

152 100

115 63.1 31.3 93.8

150 157.6 0.0 341.8

Manual Integrations

APPROVED

MMDadoda

10/5/2020 5:35:23 PM

