

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032520\
 Data File : VN060701.D
 Acq On : 25 Mar 2020 16:44
 Operator : JC/MD
 Sample : L1997-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW203D1-20200315

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Quant Time: Mar 26 05:20:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	191951	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	322222	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	304781	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	143235	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	126758	48.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.20%	
35) Dibromofluoromethane	7.56	113	95599	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	
50) Toluene-d8	10.08	98	396299	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	
62) 4-Bromofluorobenzene	12.40	95	149112	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	
Target Compounds						
12) 1,1-Dichloroethene	3.72	96	13127	6.316	ug/l	96
24) 1,1-Dichloroethane	5.82	63	78180	18.571	ug/l	99
27) cis-1,2-Dichloroethene	6.79	96	1866m	0.741	ug/l	
30) Chloroform	7.35	83	4281	1.061	ug/l	94
32) 1,1,1-Trichloroethane	7.54	97	10743	3.088	ug/l	97
44) Trichloroethene	8.81	130	15092	6.356	ug/l	97
64) Tetrachloroethene	10.62	164	2286	0.953	ug/l	94

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

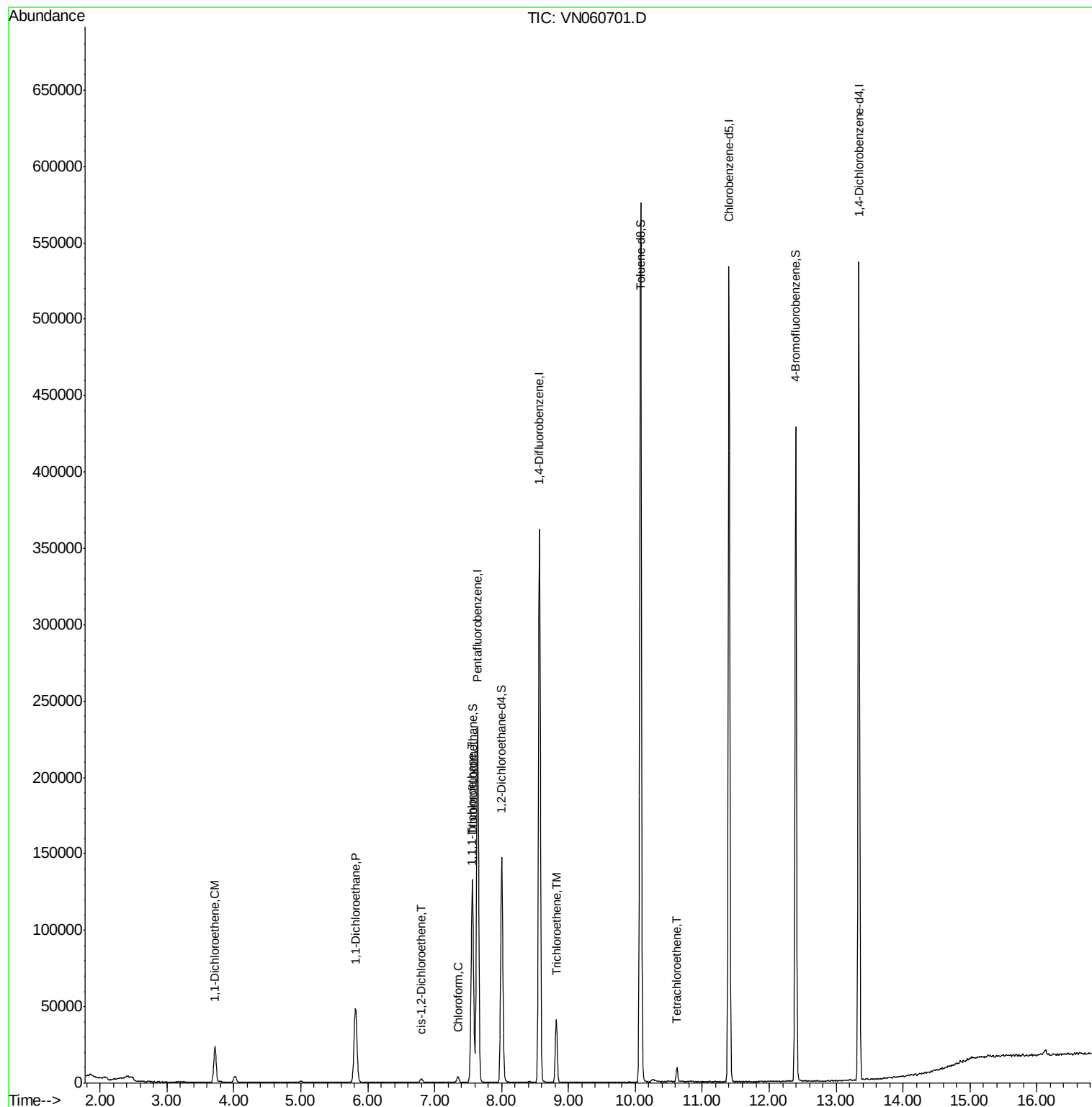
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN032520\
Data File : VN060701.D
Acq On : 25 Mar 2020 16:44
Operator : JC/MD
Sample : L1997-04
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 16 Sample Multiplier: 1

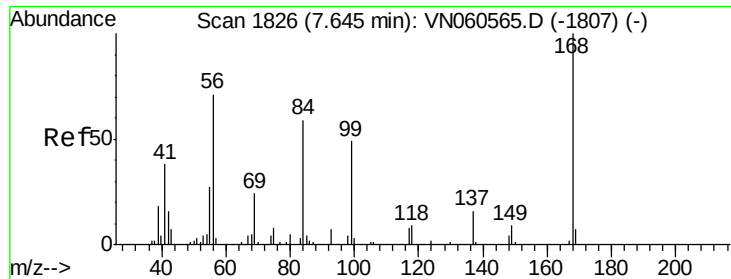
Instrument :
MSVOA_N
ClientSampleId :
MW203D1-20200315

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Quant Time: Mar 26 05:20:20 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 18 08:49:09 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060701.D

Acq: 25 Mar 2020 16:44

Instrument :

MSVOA_N

ClientSampleId :

MW203D1-20200315

Tot Ion:168 Resp: 191951

Ion Ratio Lower Upper

168 100

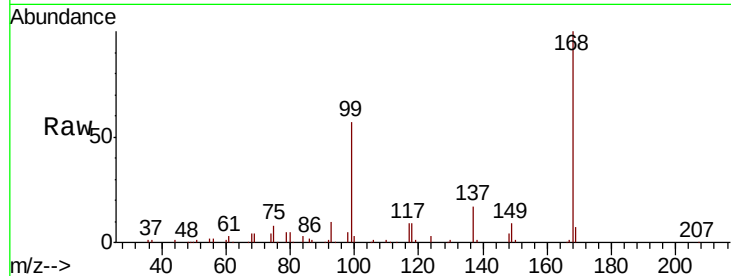
99 57.5 44.0 66.0

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

80000

60000

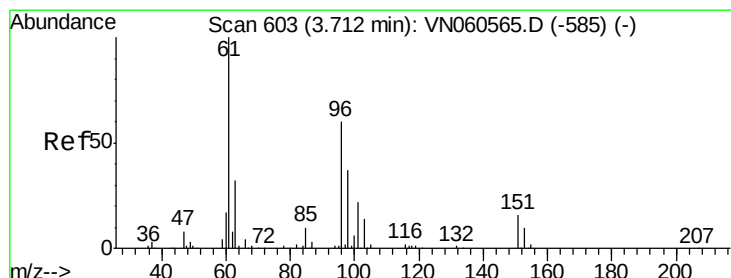
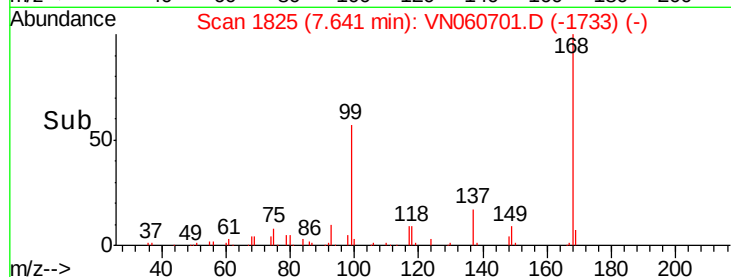
40000

20000

0

7.60 7.70

Time-->



#12

1,1-Dichloroethene

Concen: 6.316 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.01 min

Lab File: VN060701.D

Acq: 25 Mar 2020 16:44

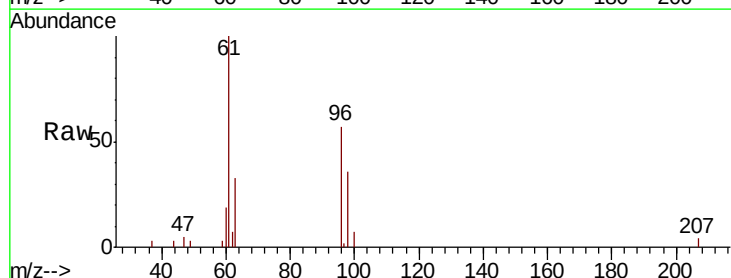
Tgt Ion: 96 Resp: 13127

Ion Ratio Lower Upper

96 100

61 174.0 134.1 201.1

98 63.3 49.9 74.9



Abundance Ion 95.90 (95.60 to 96.60): VN

Ion 60.90 (60.60 to 61.60): VN

Ion 97.90 (97.60 to 98.60): VN

12000

10000

8000

6000

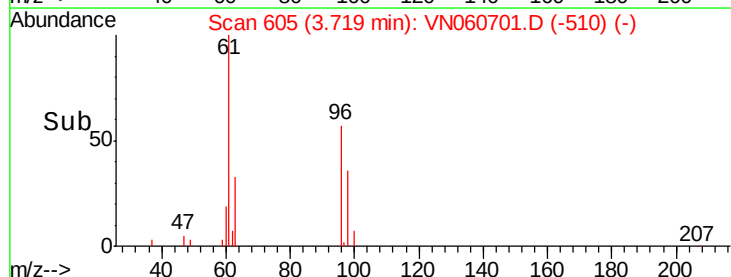
4000

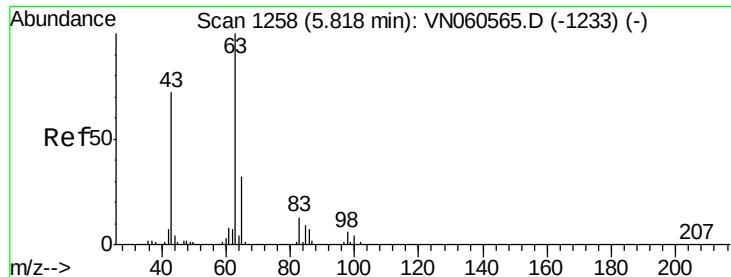
2000

0

3.65 3.70 3.75 3.80

Time-->





#24

1,1-Dichloroethane

Concen: 18.571 ug/l

RT: 5.82 min Scan# 1257

Delta R.T. -0.00 min

Lab File: VN060701.D

Acq: 25 Mar 2020 16:44

Instrument :

MSVOA_N

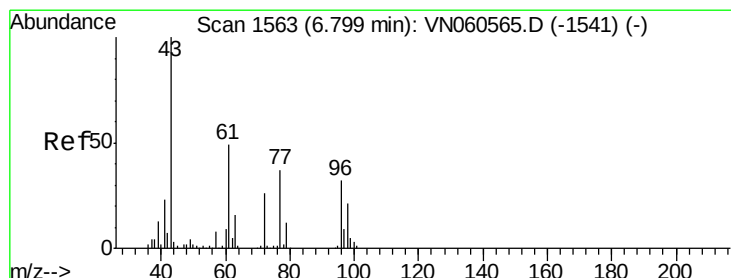
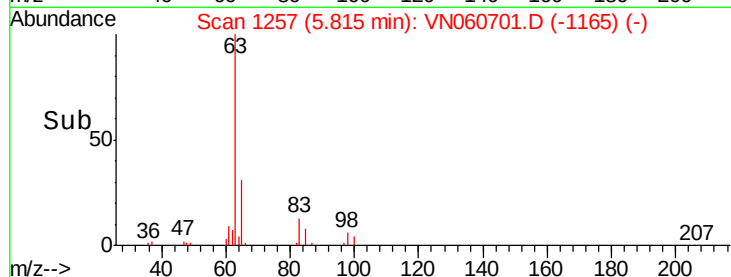
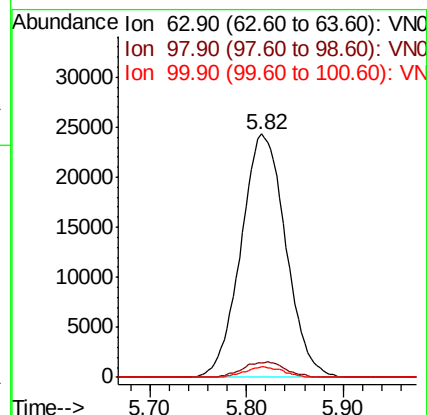
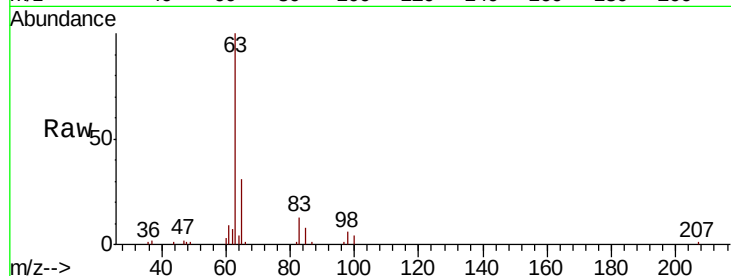
ClientSampleId :

MW203D1-20200315

Tot Ion:	63	Resp:	78180
Ion	Ratio	Lower	Upper
63	100		
98	6.0	2.9	8.7
100	4.2	1.8	5.5

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#27

cis-1,2-Dichloroethene

Concen: 0.741 ug/l m

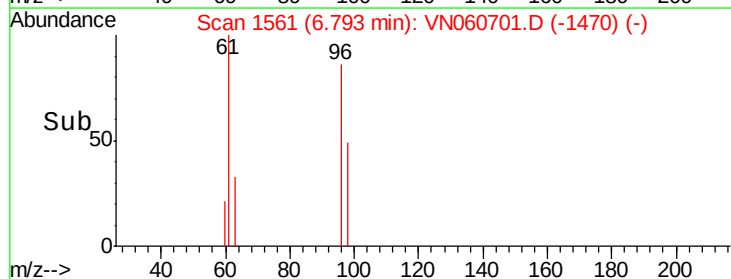
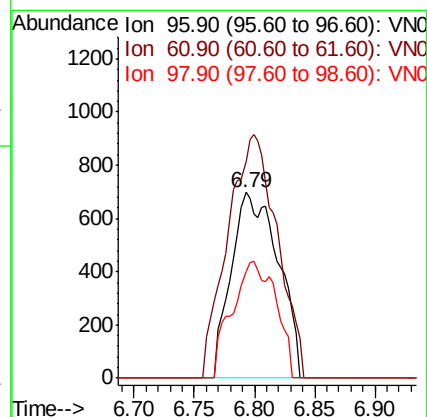
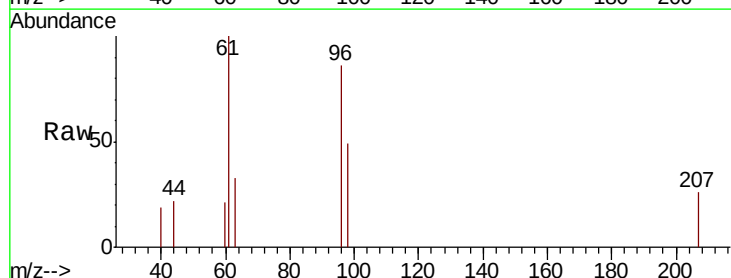
RT: 6.79 min Scan# 1561

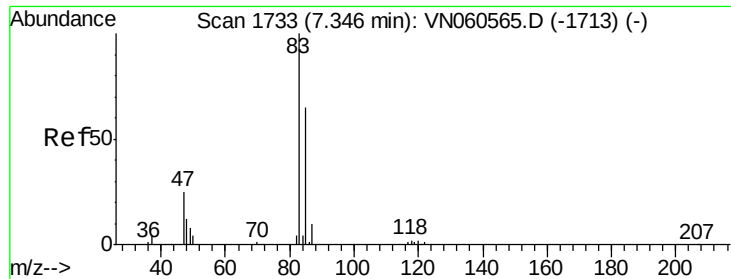
Delta R.T. -0.01 min

Lab File: VN060701.D

Acq: 25 Mar 2020 16:44

Tgt Ion:	96	Resp:	1866
Ion	Ratio	Lower	Upper
96	100		
61	138.2	0.0	305.6
98	58.8	0.0	127.6





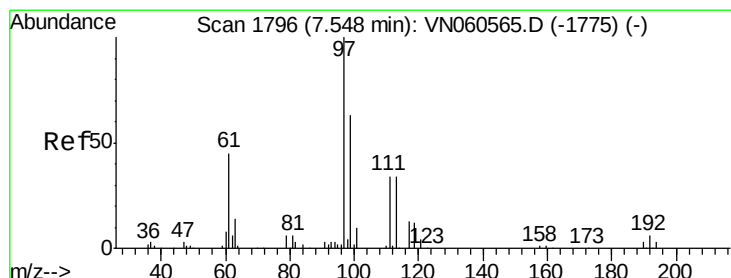
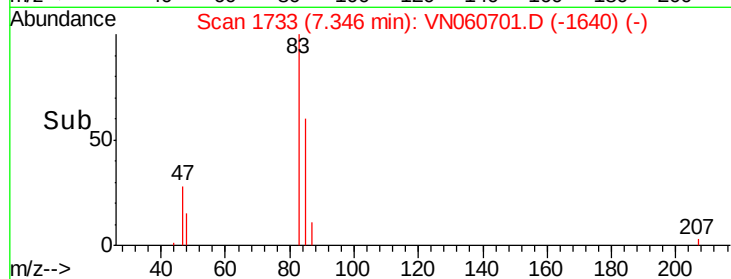
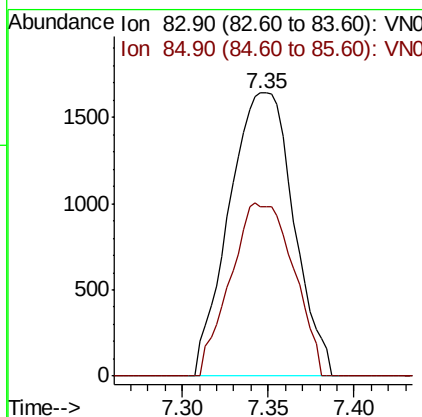
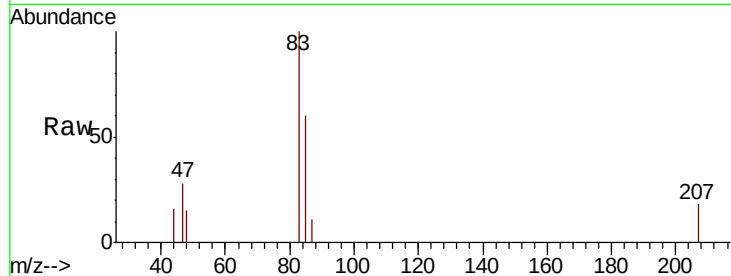
#30
Chloroform
Concen: 1.061 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN060701.D
Acq: 25 Mar 2020 16:44

Instrument :
MSVOA_N
ClientSampleId :
MW203D1-20200315

Tot Ion	83	Resp	4281
Ion Ratio	100	Lower	Upper
85	59.7	51.8	77.8

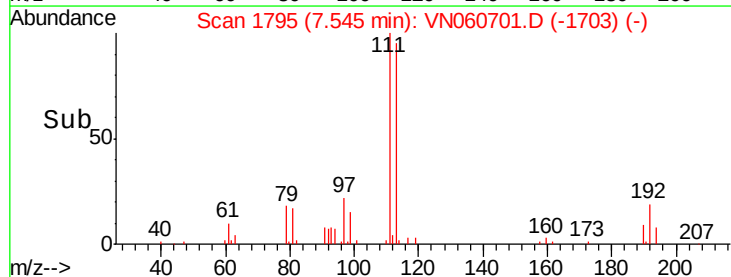
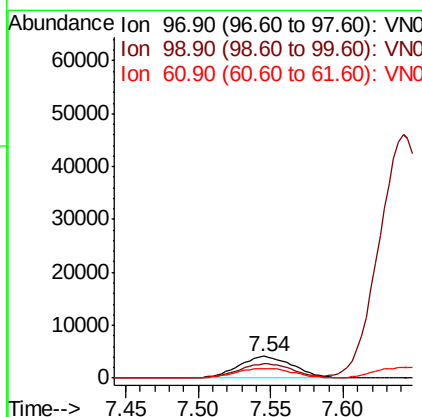
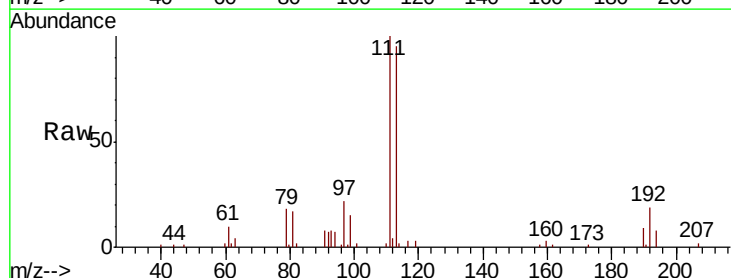
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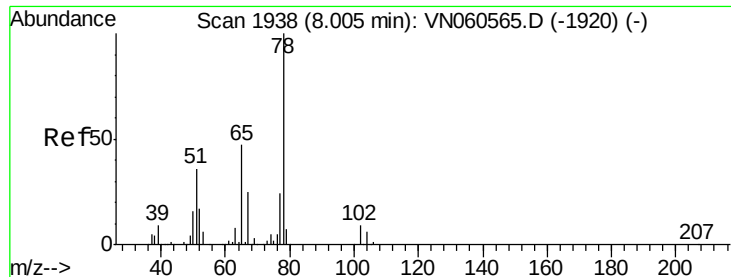
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#32
1,1,1-Trichloroethane
Concen: 3.088 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN060701.D
Acq: 25 Mar 2020 16:44

Tgt Ion	97	Resp	10743
Ion Ratio	100	Lower	Upper
99	65.1	50.6	75.8
61	47.1	36.2	54.4





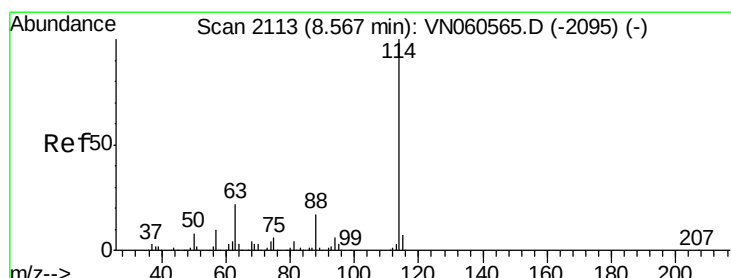
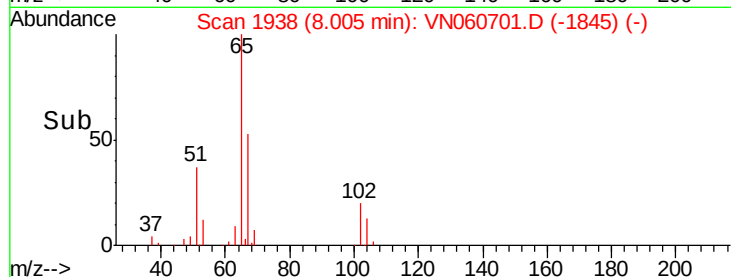
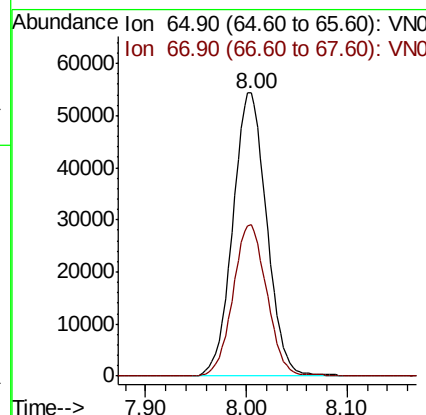
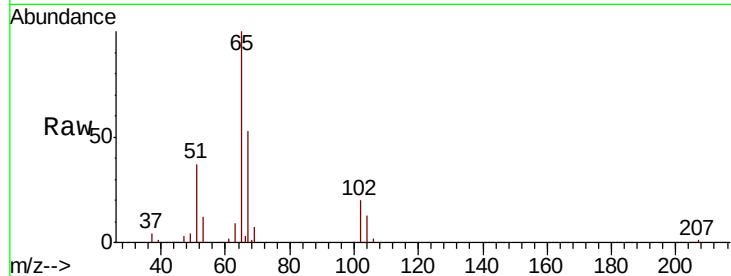
#33
 1,2-Dichloroethane-d4
 Concen: 48.105 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN060701.D
 Acq: 25 Mar 2020 16:44

Instrument :
 MSVOA_N
 ClientSampleId :
 MW203D1-20200315

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.4	0.0	107.6	

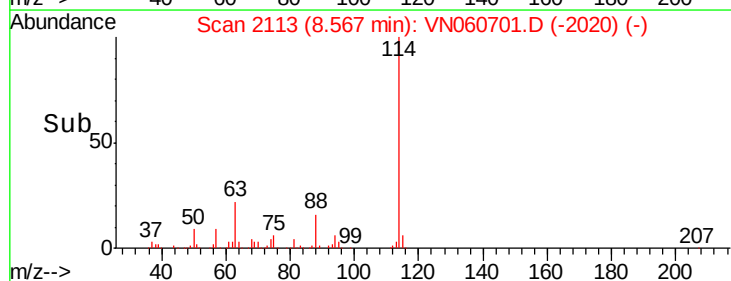
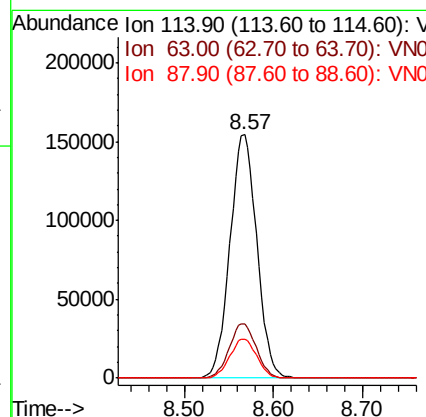
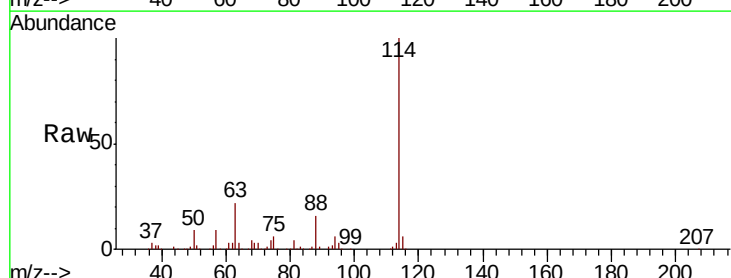
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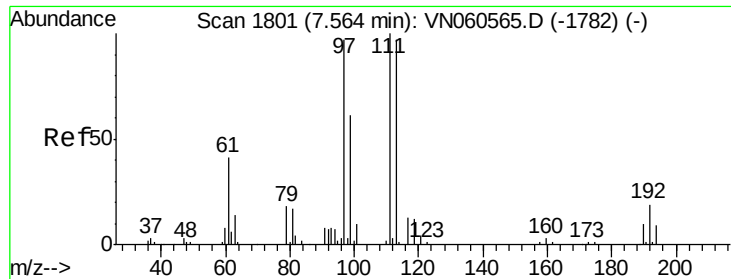
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060701.D
 Acq: 25 Mar 2020 16:44

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	22.0	0.0	43.8	
88	16.1	0.0	33.0	





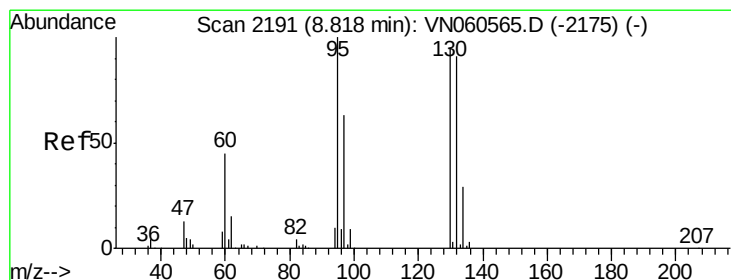
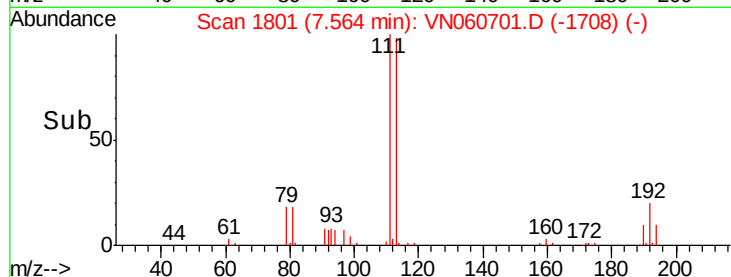
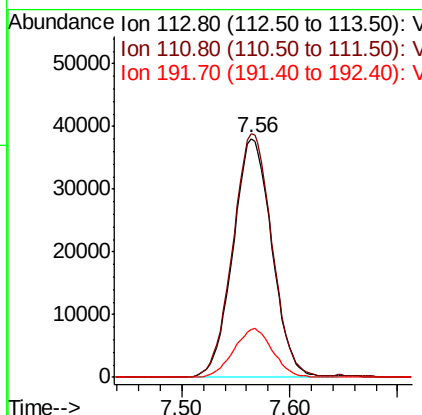
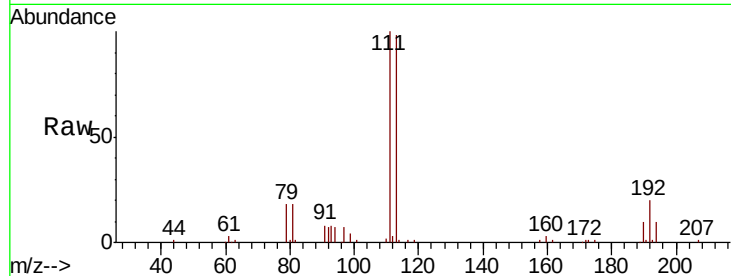
#35
 Dibromofluoromethane
 Concen: 49.066 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: VN060701.D
 Acq: 25 Mar 2020 16:44

Instrument :
 MSVOA_N
 ClientSampleId :
 MW203D1-20200315

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.9	124.3
192	20.3	15.8	23.8

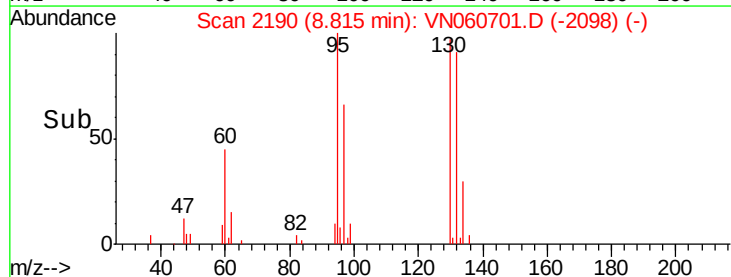
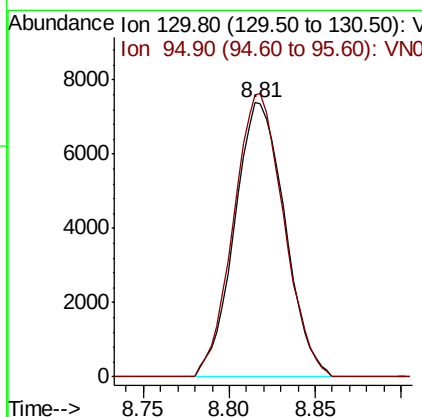
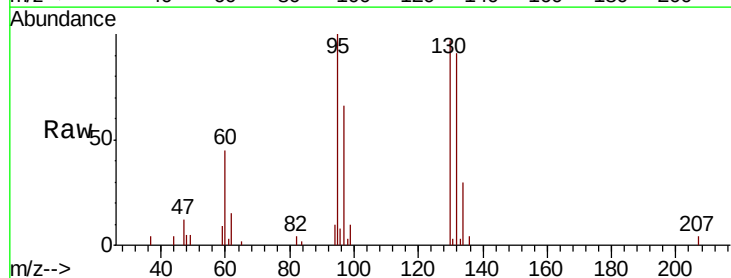
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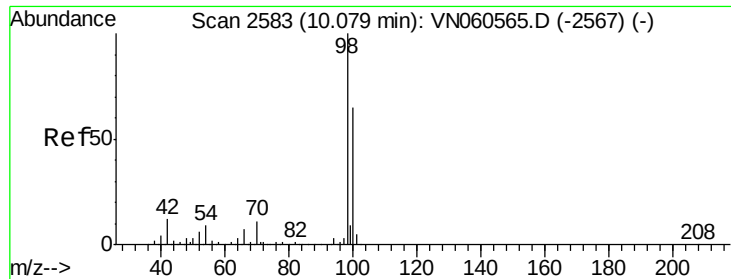
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#44
 Trichloroethene
 Concen: 6.356 ug/l
 RT: 8.81 min Scan# 2190
 Delta R.T. -0.00 min
 Lab File: VN060701.D
 Acq: 25 Mar 2020 16:44

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.0	0.0	211.2





#50

Toluene-d8

Concen: 49.797 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060701.D

Acq: 25 Mar 2020 16:44

Instrument :

MSVOA_N

ClientSampleId :

MW203D1-20200315

Tot Ion: 98 Resp: 396299

Ion Ratio Lower Upper

98 100

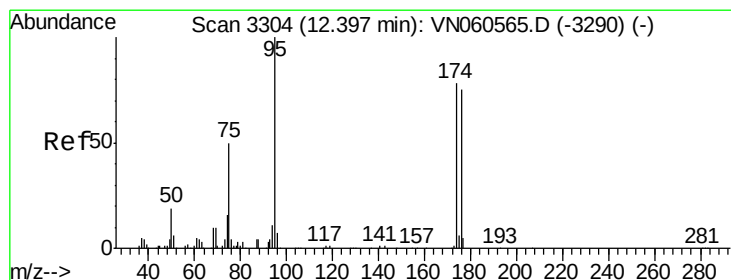
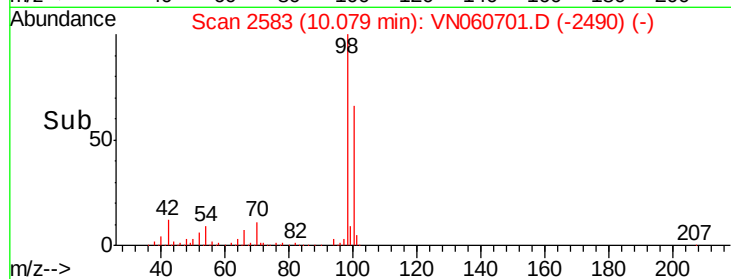
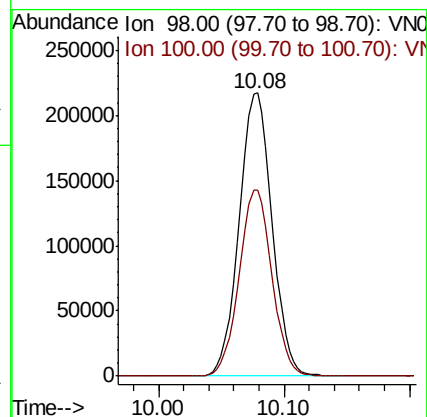
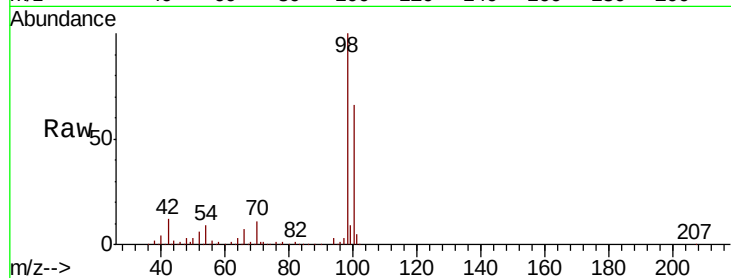
100 65.5 51.8 77.8

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#62

4-Bromofluorobenzene

Concen: 51.125 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060701.D

Acq: 25 Mar 2020 16:44

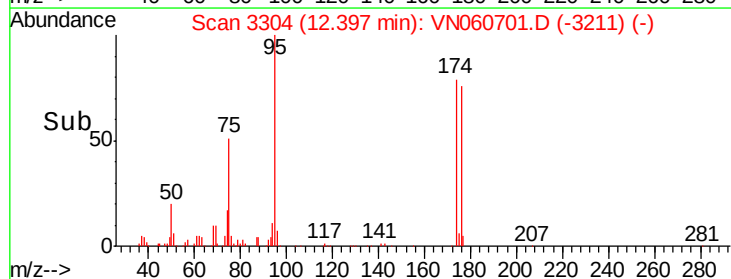
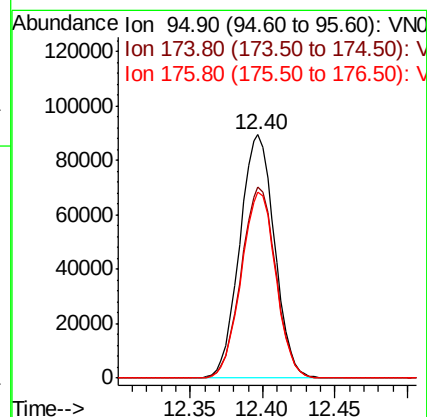
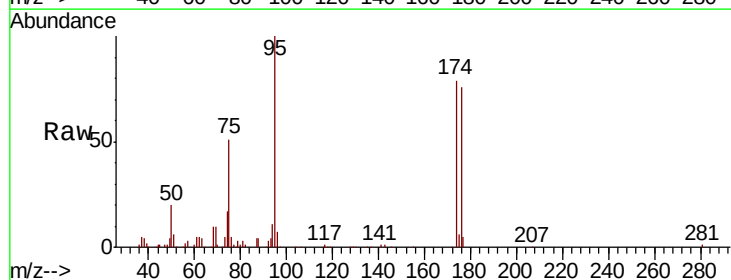
Tgt Ion: 95 Resp: 149112

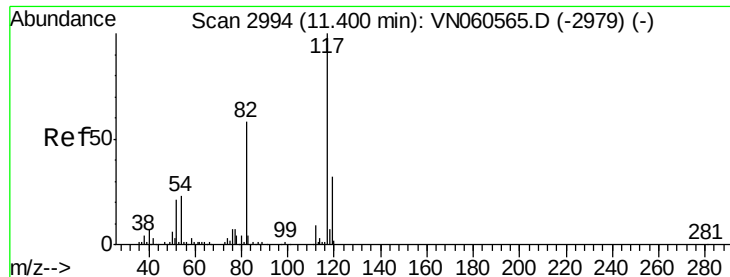
Ion Ratio Lower Upper

95 100

174 78.4 0.0 157.6

176 76.1 0.0 150.6





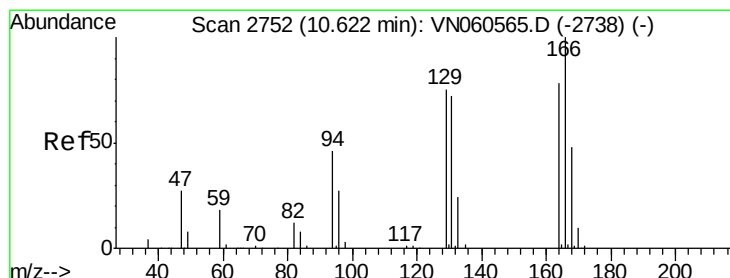
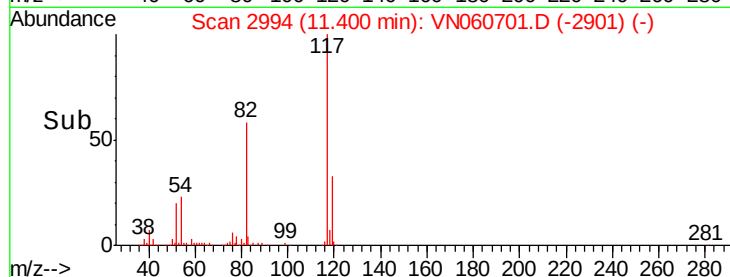
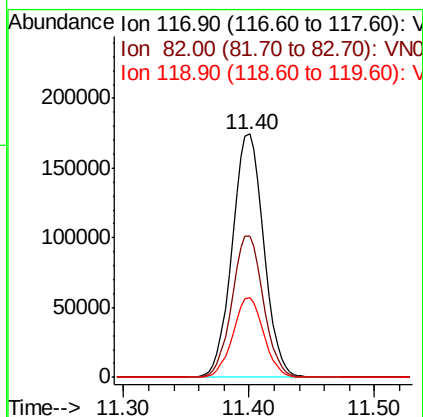
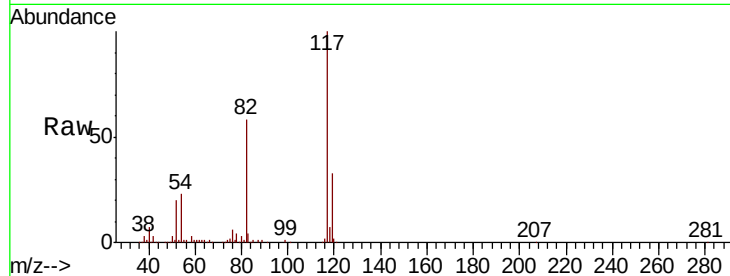
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060701.D
Acq: 25 Mar 2020 16:44

Instrument :
MSVOA_N
ClientSampleId :
MW203D1-20200315

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.8	46.7	70.1
119	32.5	25.5	38.3

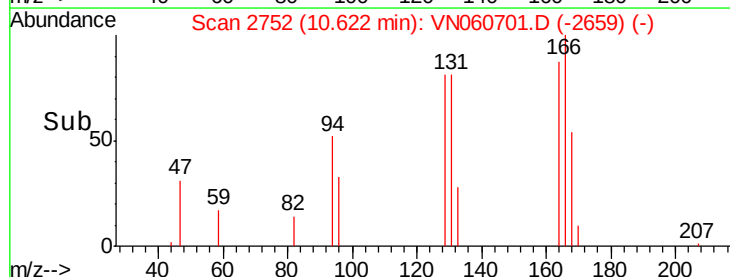
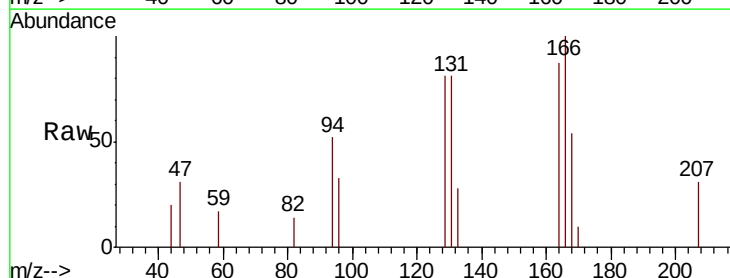
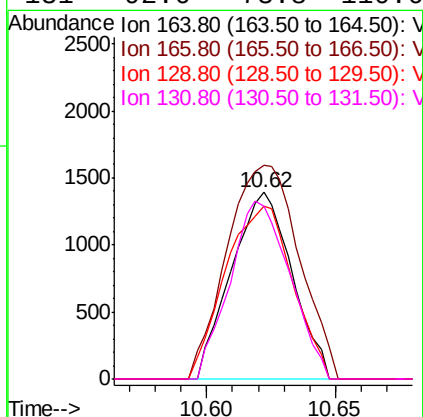
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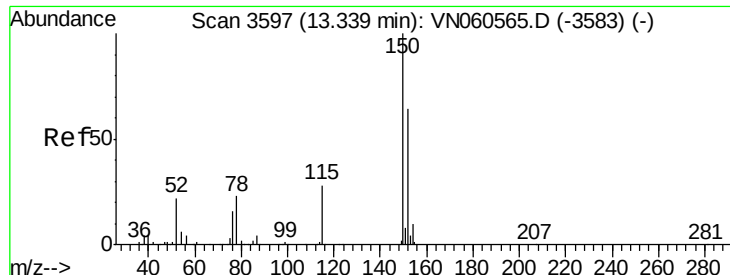
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#64
Tetrachloroethene
Concen: 0.953 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN060701.D
Acq: 25 Mar 2020 16:44

Tgt Ion	Ratio	Lower	Upper
164	100		
166	114.5	102.7	154.1
129	92.5	77.2	115.8
131	92.6	73.8	110.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060701.D

Acq: 25 Mar 2020 16:44

Instrument :

MSVOA_N

ClientSampleId :

MW203D1-20200315

Tot Ion:	152	Resp:	143235
Ion Ratio	Lower	Upper	
152	100		
115	59.2	30.2	90.6
150	156.1	0.0	350.2

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