

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042820\
 Data File : VN061178.D
 Acq On : 28 Apr 2020 21:04
 Operator : JC/MD
 Sample : PB128479TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB128479TB

Manual Integrations
 APPROVED

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 4/29/2020 2:58:23 PM

Quant Time: Apr 29 09:23:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 02:20:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	102910	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	183709	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	182317	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	83754	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	82571	50.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.42%	
35) Dibromofluoromethane	7.55	113	52620	48.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.88%	
50) Toluene-d8	10.06	98	231772	52.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.68%	
62) 4-Bromofluorobenzene	12.38	95	91129	54.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.36%	
Target Compounds						
16) Acetone	3.78	43	10343	11.145	ug/l	99
20) Methylene Chloride	4.50	84	1468m	1.156	ug/l	
27) cis-1,2-Dichloroethene	6.79	96	3941	2.840	ug/l	90
43) Isopropyl Acetate	8.12	43	43131	12.054	ug/l #	89

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

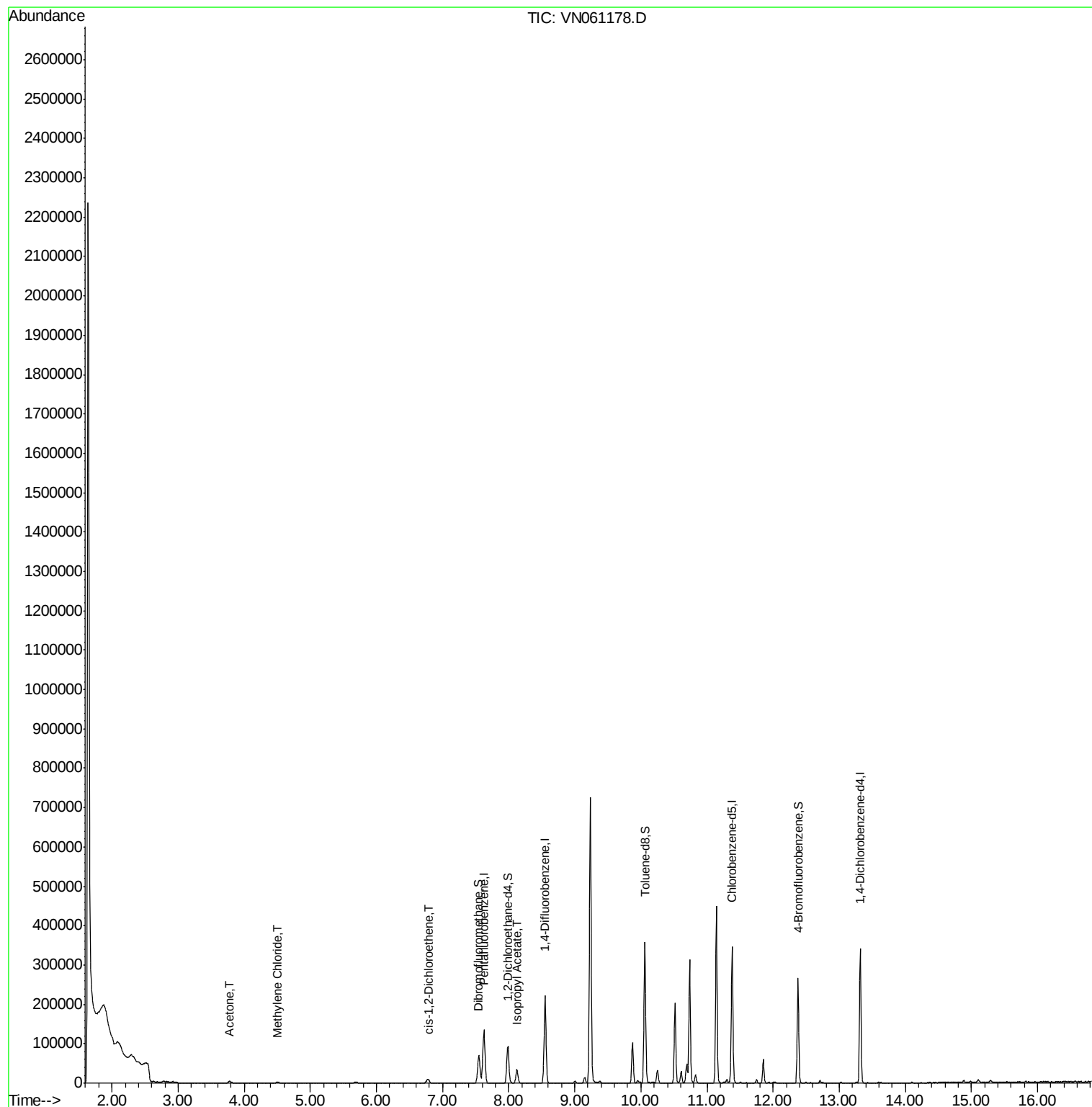
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042820\
Data File : VN061178.D
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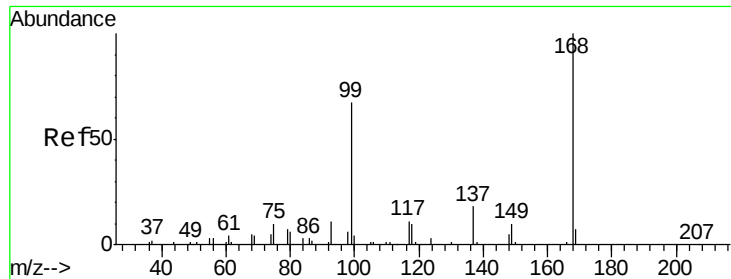
Instrument :
MSVOA_N
ClientSampleId :
PB128479TB

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Quant Title : SW846 8260
QLast Update : Tue Apr 28 02:20:26 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VN061178.D

Acq: 28 Apr 2020 21:04

Instrument :

MSVOA_N

ClientSampleId :

PB128479TB

Tot Ion:168 Resp: 102910

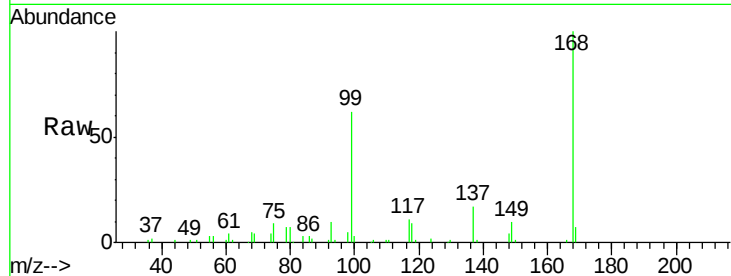
Ion Ratio Lower Upper

168 100

99 62.4 51.2 76.8

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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

40000

30000

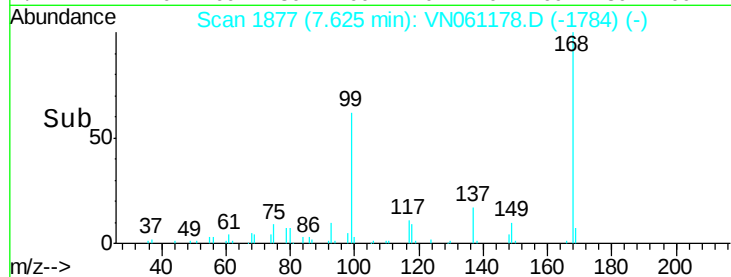
20000

10000

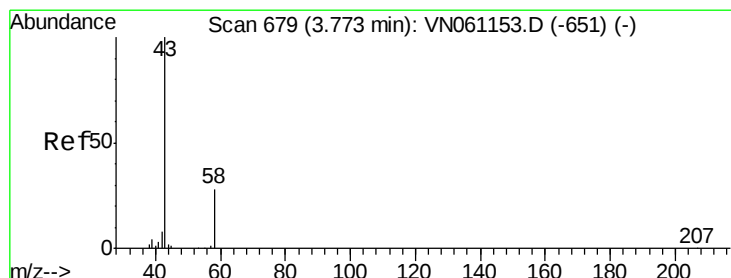
0

7.55 7.60 7.65 7.70

Time-->



Scan 1877 (7.625 min): VN061178.D (-1784) (-)



Scan 679 (3.773 min): VN061153.D (-651) (-)

#16

Acetone

Concen: 11.145 ug/l

RT: 3.78 min Scan# 680

Delta R.T. 0.00 min

Lab File: VN061178.D

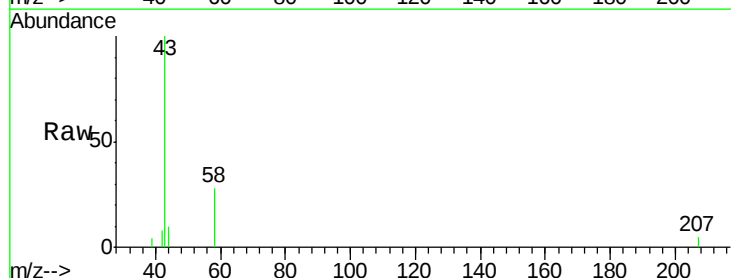
Acq: 28 Apr 2020 21:04

Tgt Ion: 43 Resp: 10343

Ion Ratio Lower Upper

43 100

58 28.0 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

4000

3000

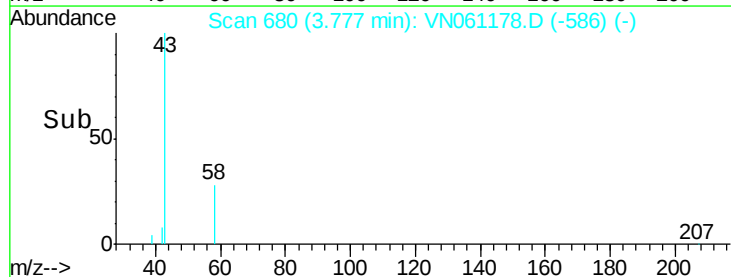
2000

1000

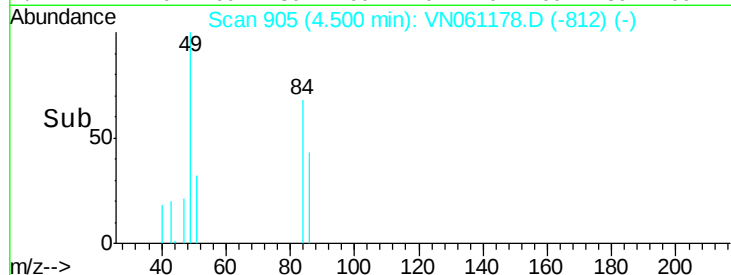
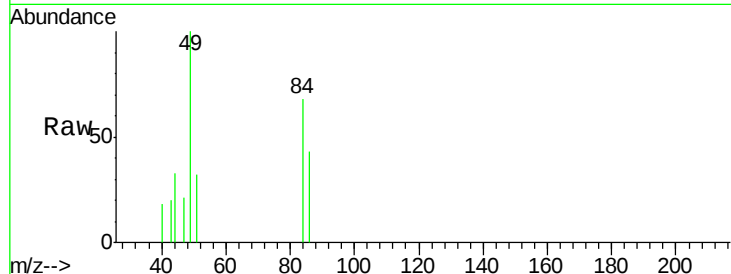
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3.70 3.75 3.80 3.85

Time-->



Scan 680 (3.777 min): VN061178.D (-586) (-)



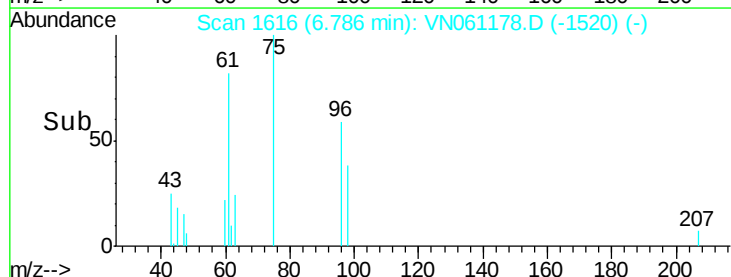
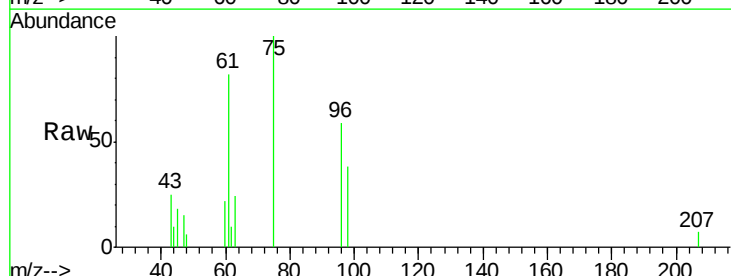
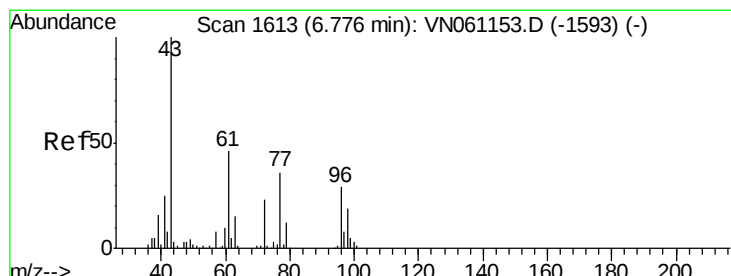
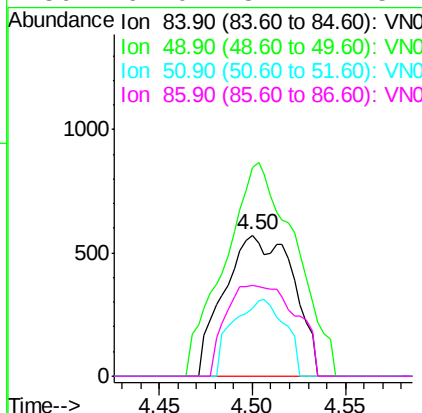
#20
Methylene Chloride
Concen: 1.156 ug/l m
RT: 4.50 min Scan# 905
Delta R.T. 0.00 min
Lab File: VN061178.D
Acq: 28 Apr 2020 21:04

Tot Ion:	84	Resp:	1468
Ion	Ratio	Lower	Upper
84	100		
49	147.5	112.0	168.0
51	47.8	33.6	50.4
86	64.0	52.1	78.1

Instrument :
MSVOA_N
ClientSampled :
PB128479TB

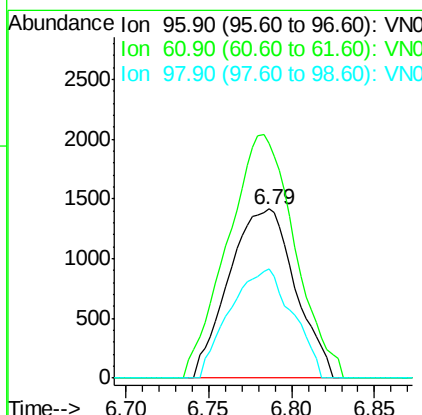
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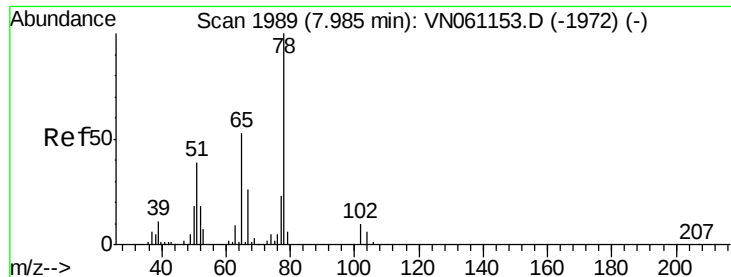
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#27
cis-1,2-Dichloroethene
Concen: 2.840 ug/l
RT: 6.79 min Scan# 1616
Delta R.T. 0.01 min
Lab File: VN061178.D
Acq: 28 Apr 2020 21:04

Tgt Ion:	96	Resp:	3941
Ion	Ratio	Lower	Upper
96	100		
61	145.7	0.0	322.0
98	60.9	0.0	129.6





#33

1,2-Dichloroethane-d4

Concen: 50.708 ug/l

RT: 7.99 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN061178.D

Acq: 28 Apr 2020 21:04

Instrument :

MSVOA_N

ClientSampleId :

PB128479TB

Tot Ion: 65 Resp: 82571

Ion Ratio Lower Upper

65 100

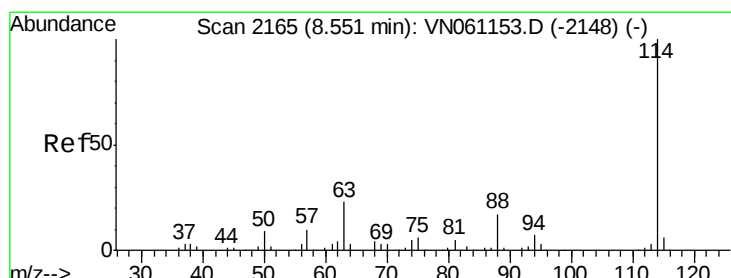
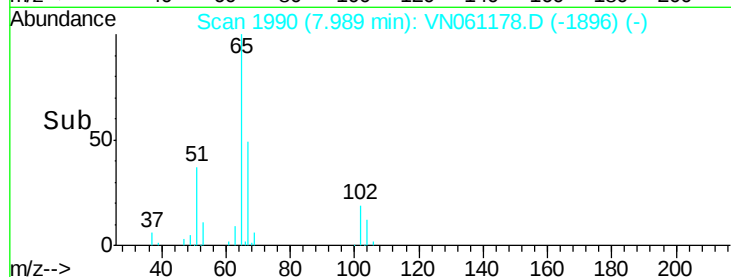
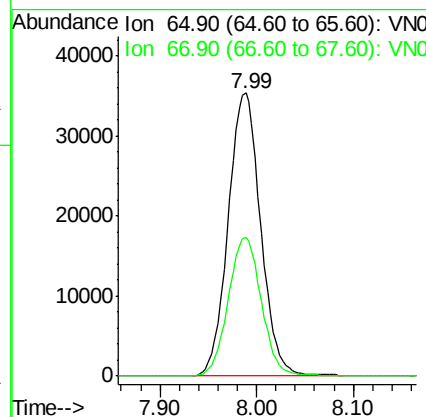
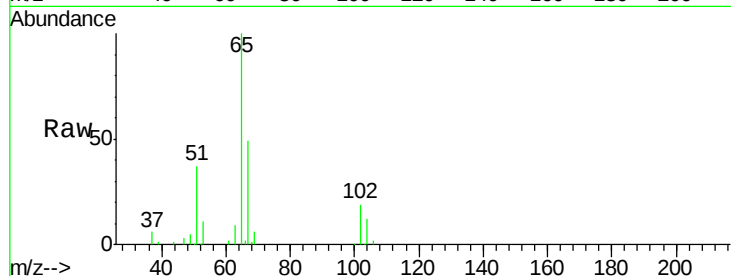
67 49.7 0.0 101.6

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VN061178.D

Acq: 28 Apr 2020 21:04

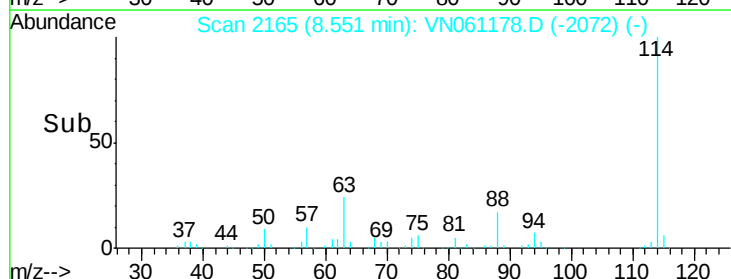
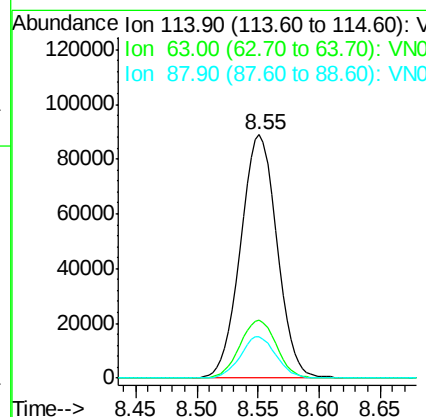
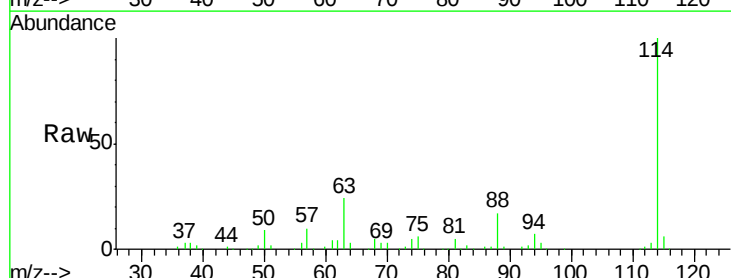
Tgt Ion: 114 Resp: 183709

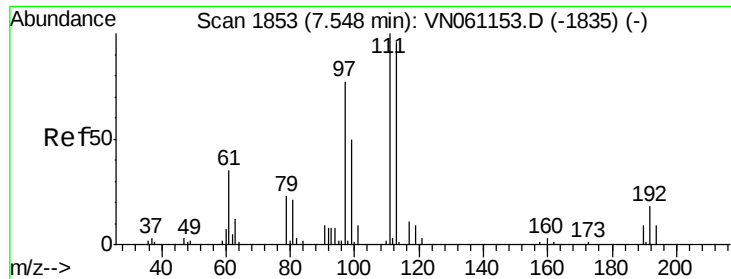
Ion Ratio Lower Upper

114 100

63 23.7 0.0 46.6

88 16.8 0.0 33.4





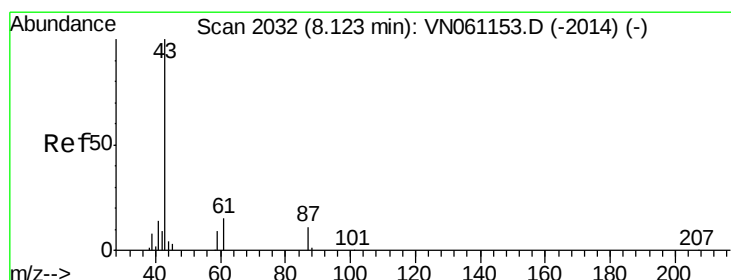
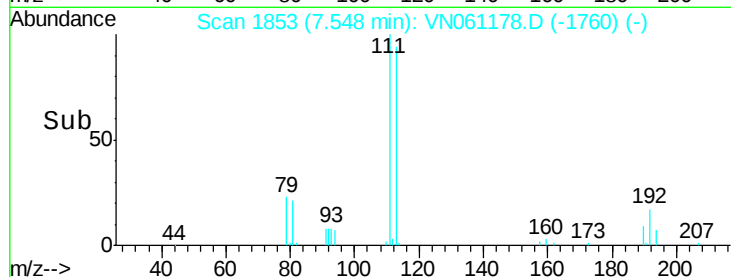
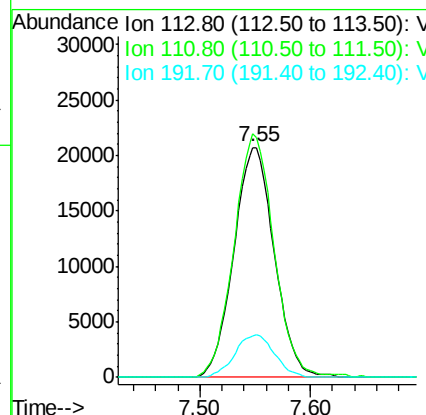
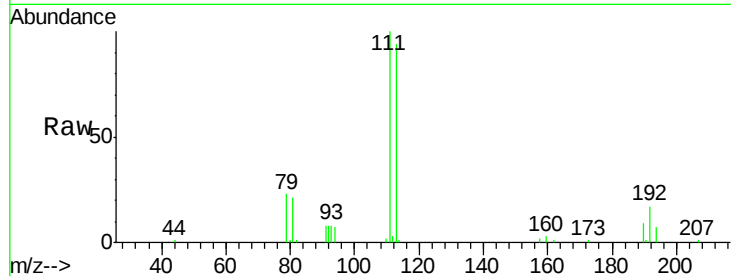
#35
 Dibromofluoromethane
 Concen: 48.439 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061178.D
 Acq: 28 Apr 2020 21:04

Instrument :
 MSVOA_N
 ClientSampleId :
 PB128479TB

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.9	82.9	124.3
192	18.1	14.7	22.1

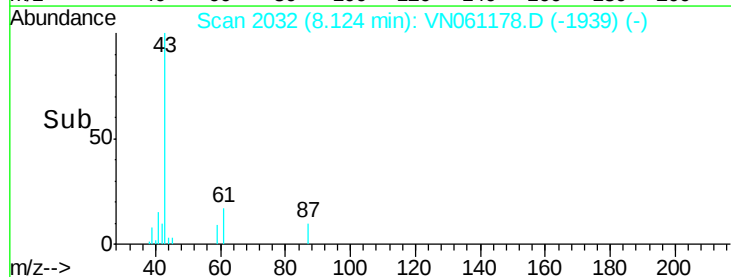
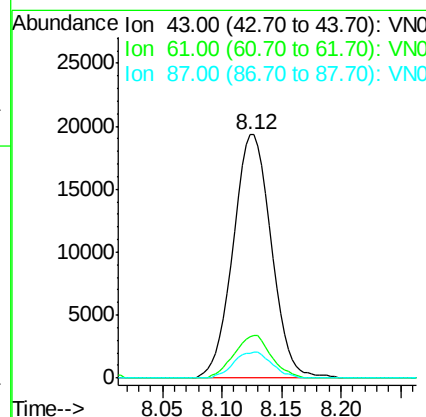
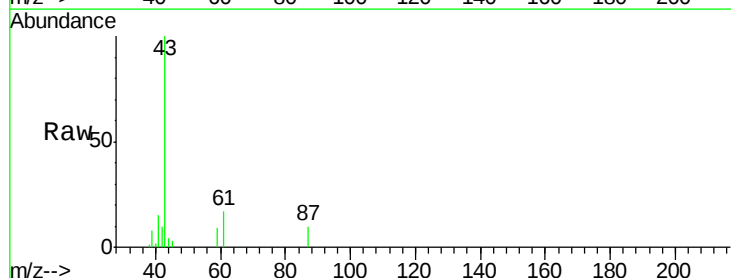
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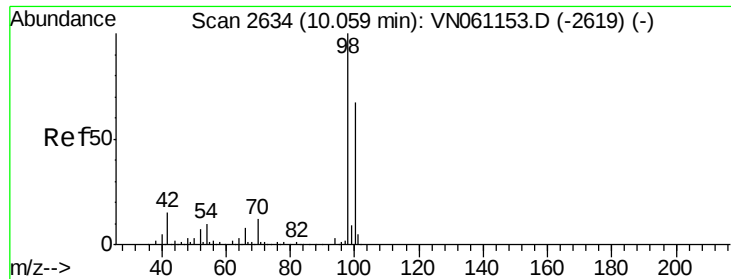
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#43
 Isopropyl Acetate
 Concen: 12.054 ug/l
 RT: 8.12 min Scan# 2032
 Delta R.T. 0.00 min
 Lab File: VN061178.D
 Acq: 28 Apr 2020 21:04

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.0	19.5	29.3#
87	10.6	8.9	13.3





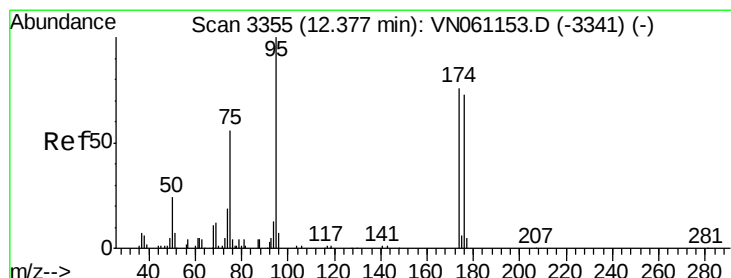
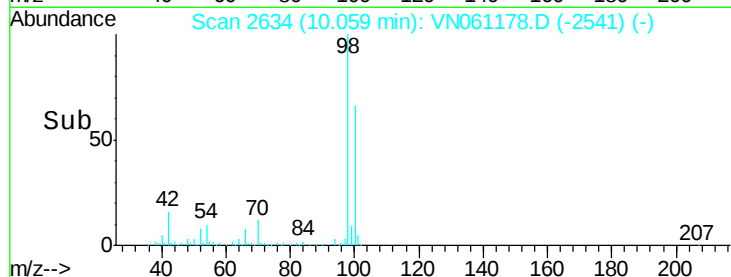
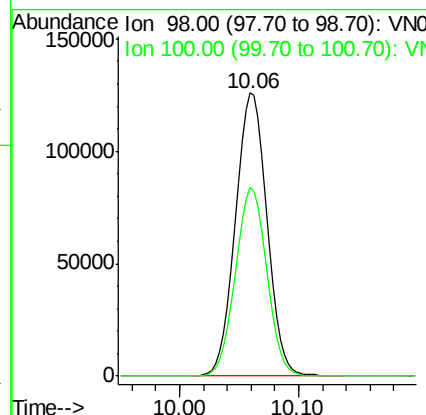
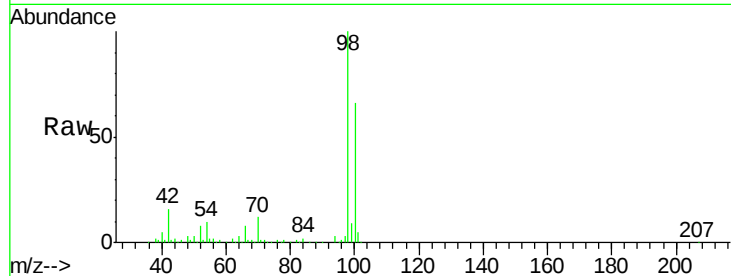
#50
Toluene-d8
Concen: 52.338 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061178.D
Acq: 28 Apr 2020 21:04

Instrument :
MSVOA_N
ClientSampleId :
PB128479TB

Tot Ion	98	Resp	231772
Ion Ratio	100	Lower	Upper
98	100		
100	66.2	53.4	80.0

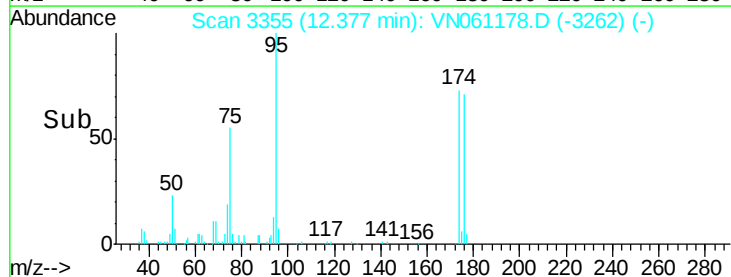
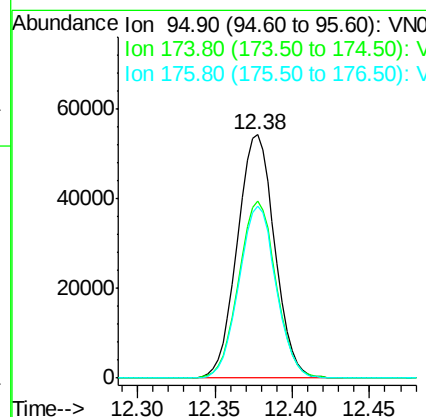
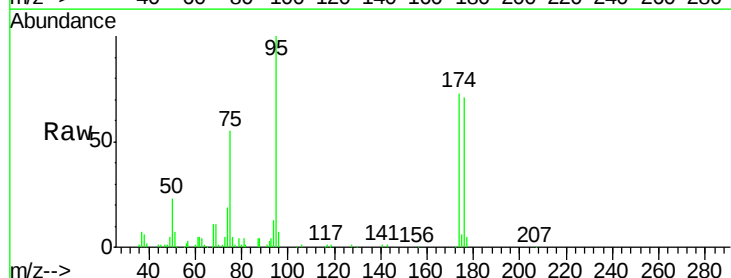
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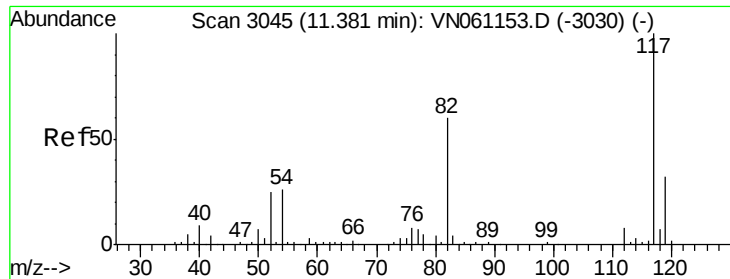
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#62
4-Bromofluorobenzene
Concen: 54.684 ug/l
RT: 12.38 min Scan# 3355
Delta R.T. 0.00 min
Lab File: VN061178.D
Acq: 28 Apr 2020 21:04

Tgt Ion	95	Resp	91129
Ion Ratio	100	Lower	Upper
95	100		
174	72.6	0.0	149.4
176	70.1	0.0	144.8





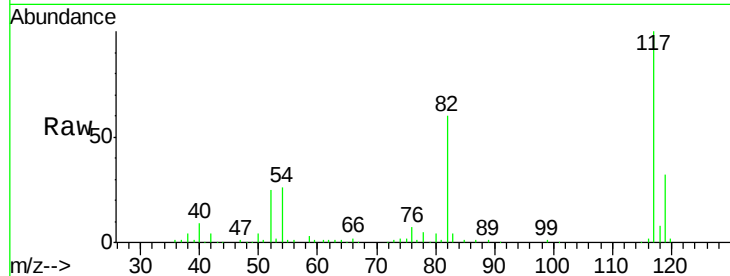
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061178.D
Acq: 28 Apr 2020 21:04

Instrument :
MSVOA_N
ClientSampleId :
PB128479TB

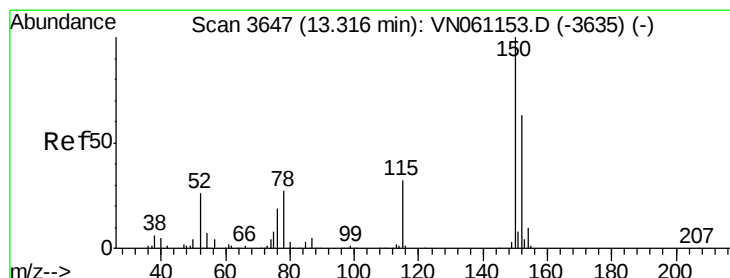
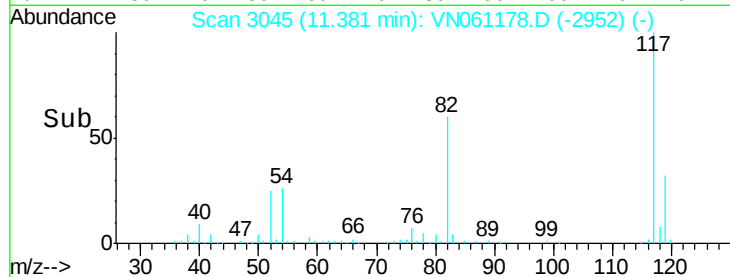
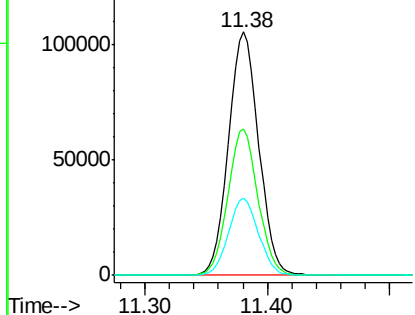
Tot Ion	Ratio	Resp	Lower	Upper
117	100	182317		
82	60.3	47.8	71.8	
119	31.8	25.8	38.6	

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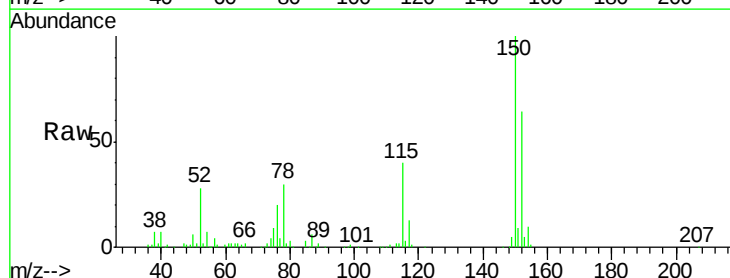


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3648
Delta R.T. 0.00 min
Lab File: VN061178.D
Acq: 28 Apr 2020 21:04

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	83754		
115	61.5	31.0	93.0	
150	157.0	0.0	351.8	



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

