

Data File : VN061758.D
Acq On : 11 Jun 2020 19:34
Operator : JC/MD
Sample : L2988-05
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
RE132D4-20200608

Manual Integrations
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6/12/2020 5:46:19 PM

Quant Time: Jun 22 00:58:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
Quant Title : SW846 8260
QLast Update : Fri May 29 02:14:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	271338	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	468083	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	466254	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	207060	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	155597	48.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.26%	
35) Dibromofluoromethane	7.55	113	131906	55.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.10%	
50) Toluene-d8	10.06	98	568236	51.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.28%	
62) 4-Bromofluorobenzene	12.38	95	194492	48.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.90%	
Target Compounds						
2) Dichlorodifluoromethane	1.83	85	1656	1.665	ug/l	96
7) Trichlorofluoromethane	2.99	101	1496	0.256	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	20527	7.910	ug/l	96
12) 1,1-Dichloroethene	3.71	96	3284m	1.184	ug/l	
27) cis-1,2-Dichloroethene	6.78	96	8759	2.474	ug/l	93
30) Chloroform	7.33	83	1708	0.305	ug/l #	73
44) Trichloroethene	8.80	130	913295	232.435	ug/l	96
64) Tetrachloroethene	10.60	164	17397	3.964	ug/l	97

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

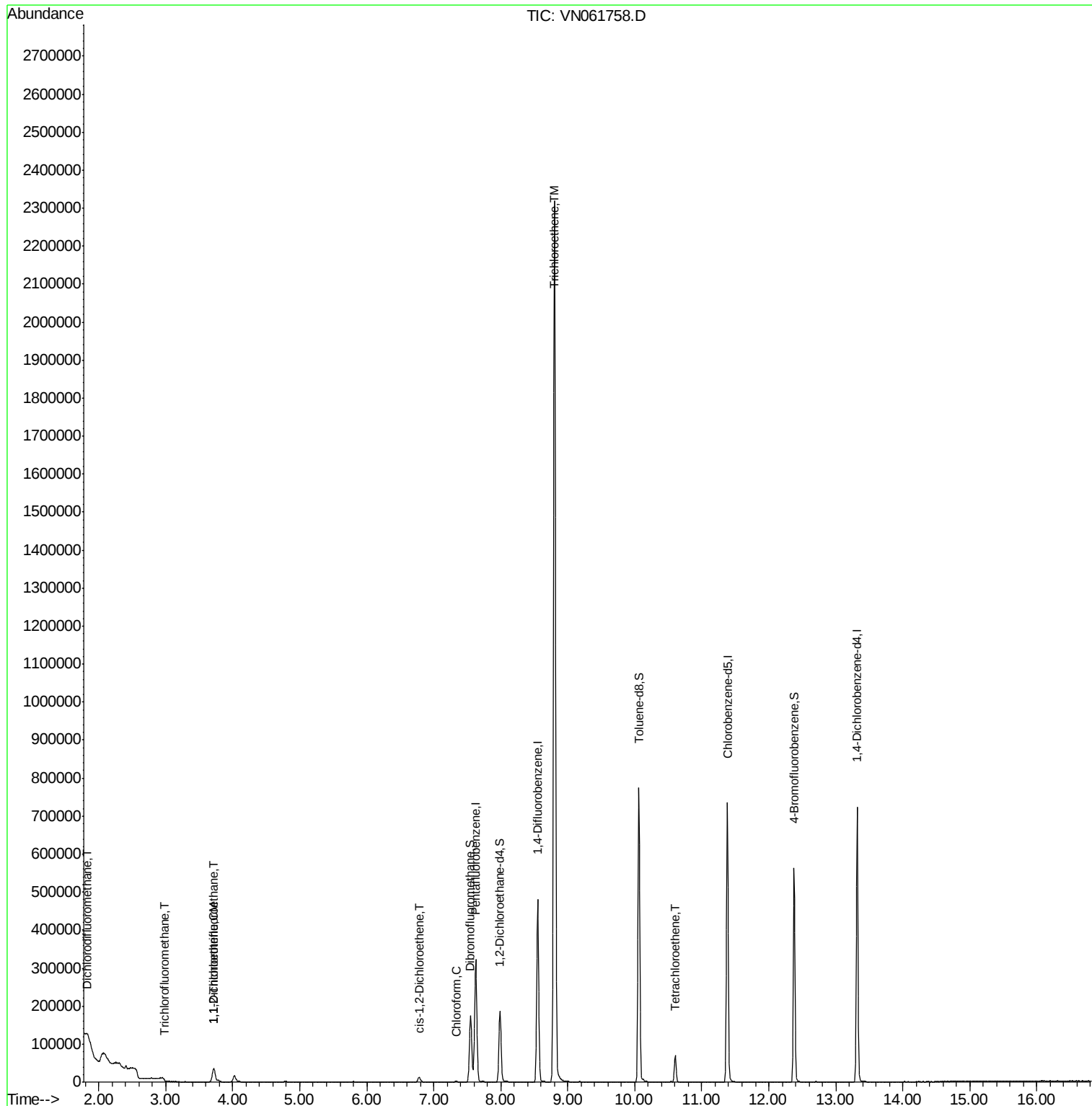
Data File : VN061758.D
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
Quant Title : SW846 8260
QLast Update : Fri May 29 02:14:10 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

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Instrument :

MSVOA_N

ClientSampleId :

RE132D4-20200608

Tgt Ion: 168 Resp: 271338

Ion Ratio Lower Upper

168 100

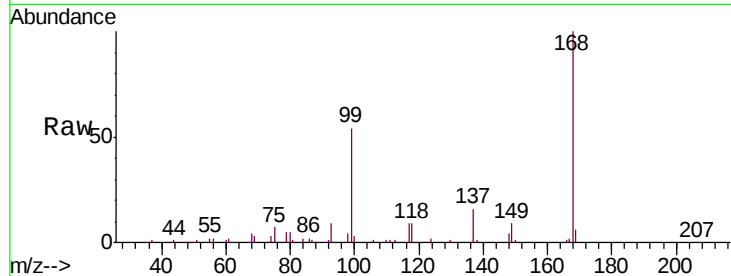
99 53.8 45.0 67.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

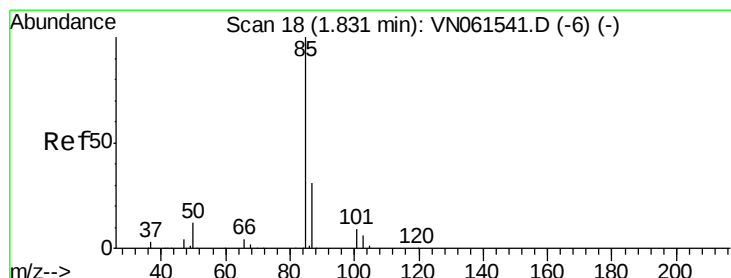
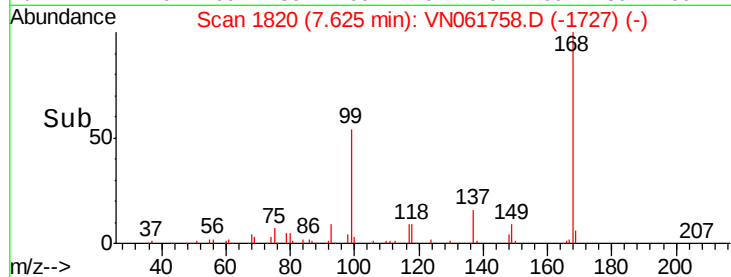
7.63

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 1.665 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061758.D

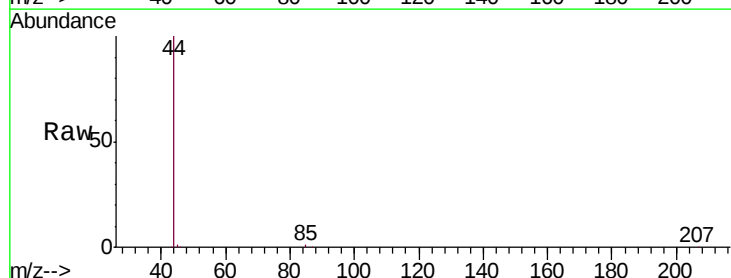
Acq: 11 Jun 2020 19:34

Tgt Ion: 85 Resp: 1656

Ion Ratio Lower Upper

85 100

87 33.5 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

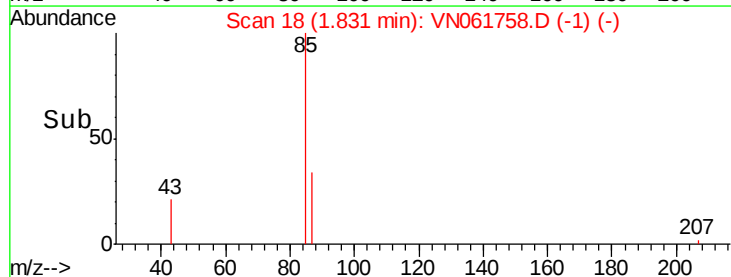
1.83

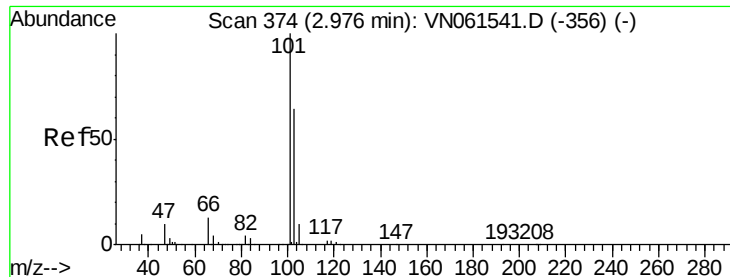
1000

500

0

Time--> 1.80 1.82 1.84 1.86





#7

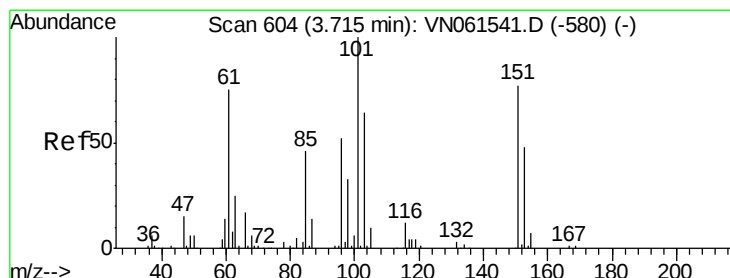
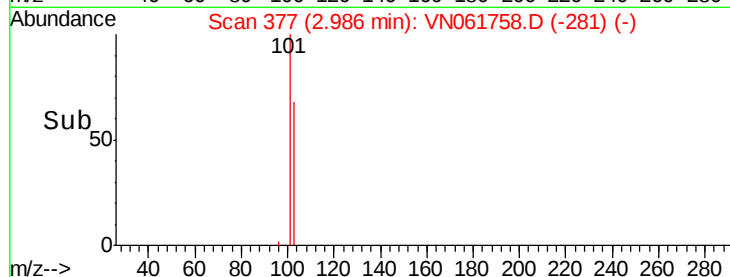
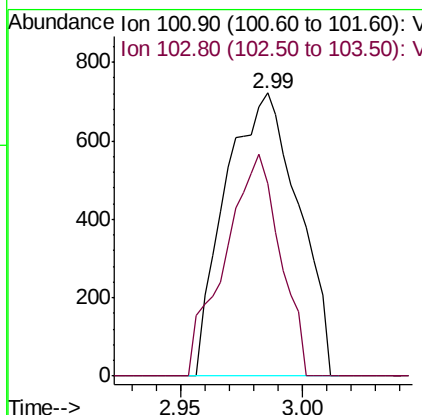
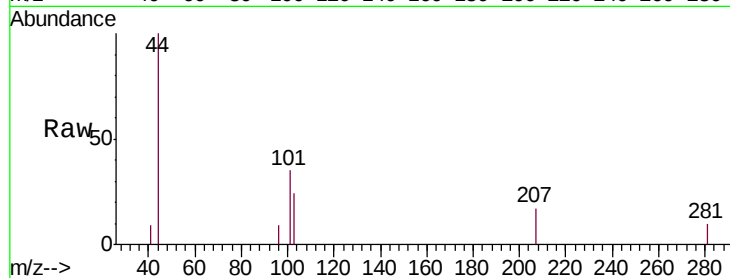
Trichlorofluoromethane
 Concen: 0.256 ug/l
 RT: 2.99 min Scan# 377
 Delta R.T. 0.01 min
 Lab File: VN061758.D
 Acq: 11 Jun 2020 19:34

Instrument :
 MSVOA_N
 ClientSampleId :
 RE132D4-20200608

Tgt Ion:101 Resp: 1496
 Ion Ratio Lower Upper
 101 100
 103 67.9 51.4 77.2

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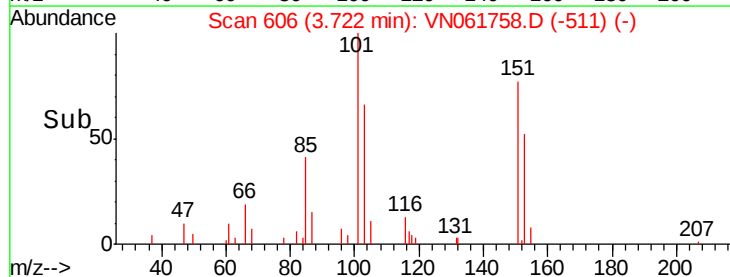
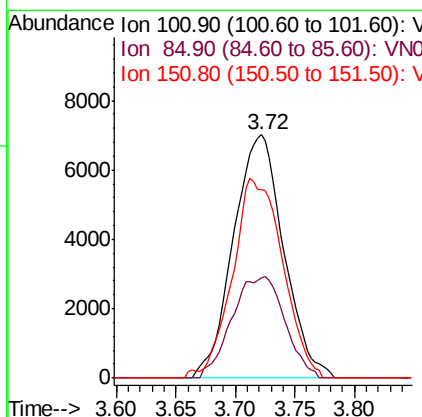
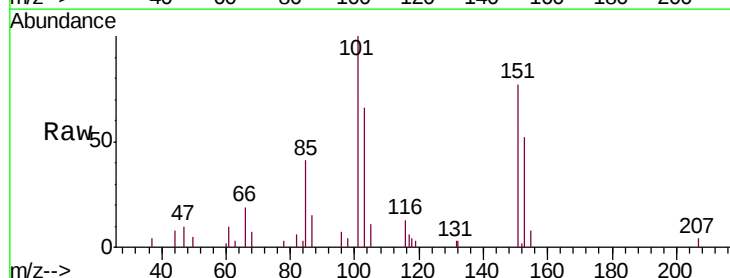
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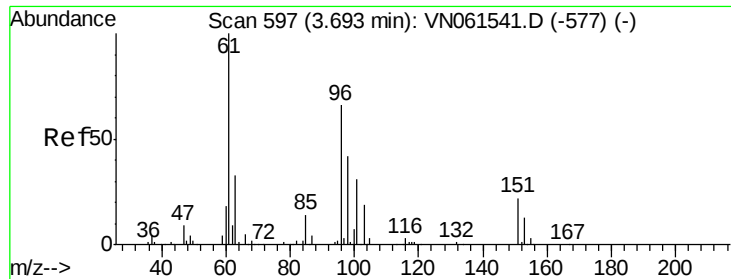


#9

1,1,2-Trichlorotrifluoroethane
 Concen: 7.910 ug/l
 RT: 3.72 min Scan# 606
 Delta R.T. 0.01 min
 Lab File: VN061758.D
 Acq: 11 Jun 2020 19:34

Tgt Ion:101 Resp: 20527
 Ion Ratio Lower Upper
 101 100
 85 43.8 35.2 52.8
 151 82.2 61.0 91.6





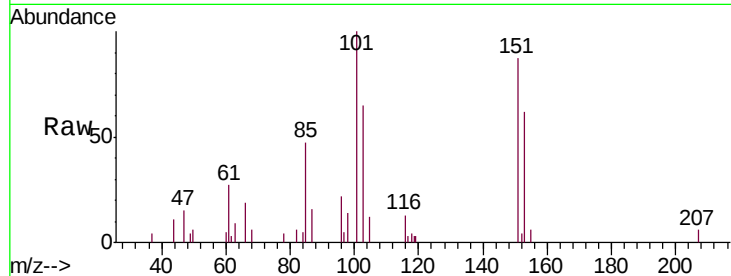
#12
 1,1-Dichloroethene
 Concen: 1.184 ug/l m
 RT: 3.71 min Scan# 601
 Delta R.T. 0.01 min
 Lab File: VN061758.D
 Acq: 11 Jun 2020 19:34

Instrument :
 MSVOA_N
 ClientSampleId :
 RE132D4-20200608

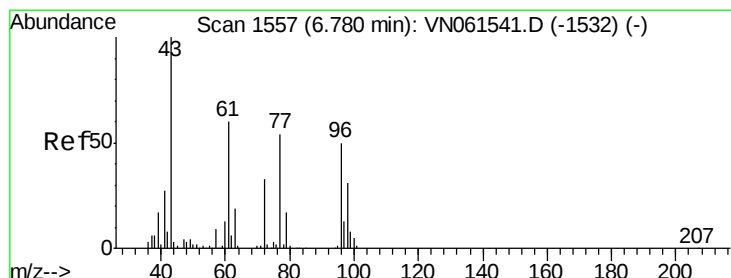
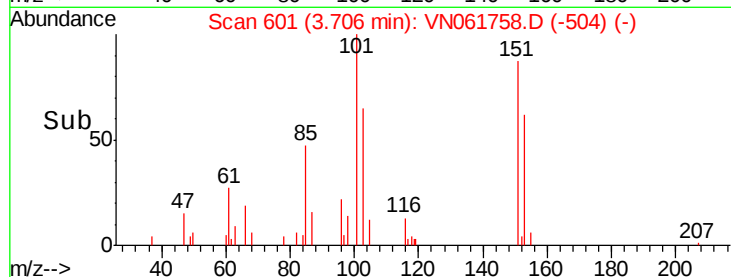
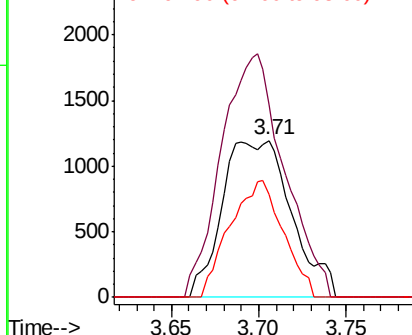
Tgt Ion	Ratio	Lower	Upper
96	100		
61	122.5	120.5	180.7
98	65.4	50.8	76.2

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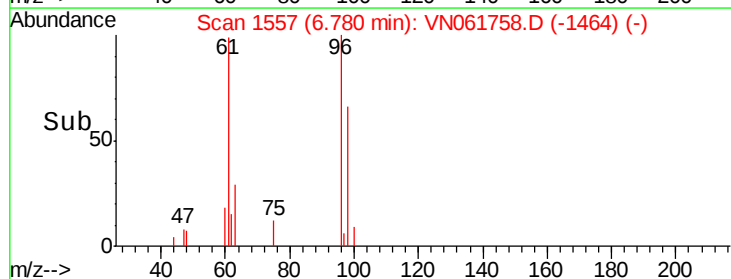
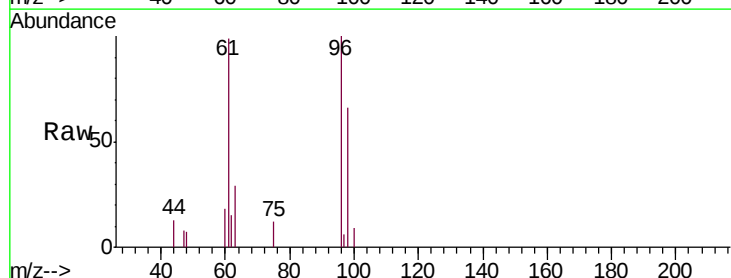
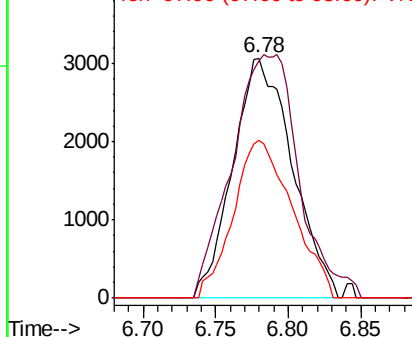
Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

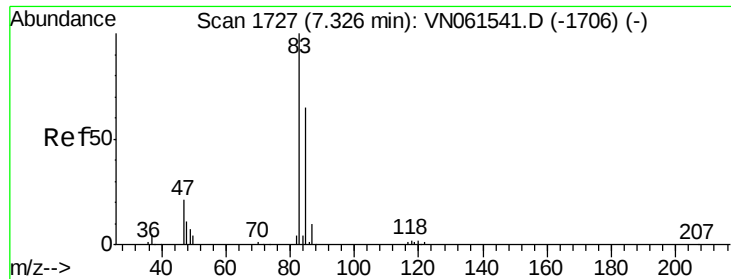


#27
 cis-1,2-Dichloroethene
 Concen: 2.474 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. 0.00 min
 Lab File: VN061758.D
 Acq: 11 Jun 2020 19:34

Tgt Ion	Ratio	Lower	Upper
96	100		
61	114.2	0.0	252.2
98	65.1	0.0	129.2

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





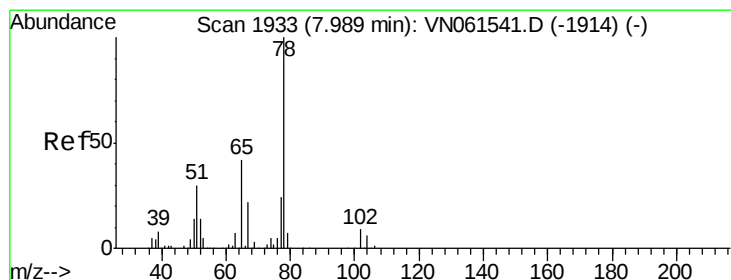
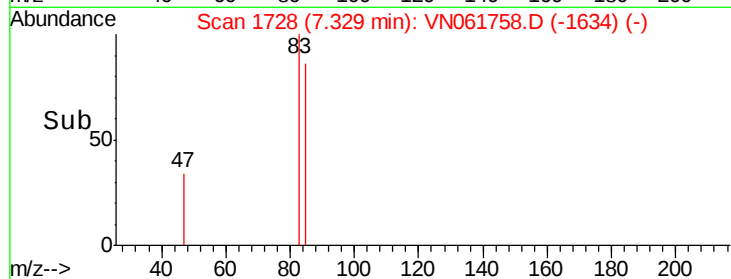
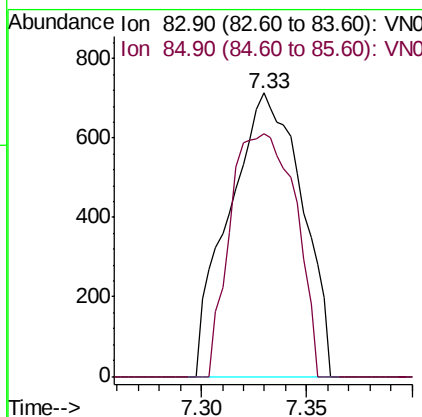
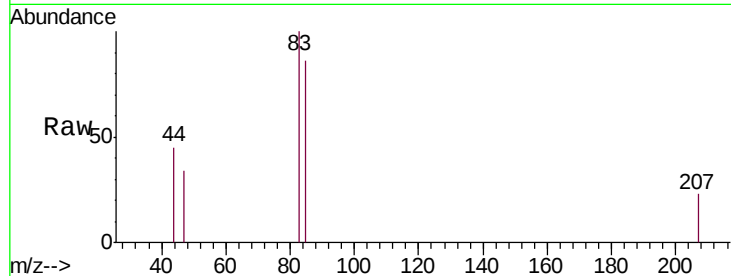
#30
Chloroform
Concen: 0.305 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN061758.D
Acq: 11 Jun 2020 19:34

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MSVOA_N
ClientSampleId :
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Tgt Ion: 83 Resp: 1708
Ion Ratio Lower Upper
83 100
85 85.7 51.7 77.5#

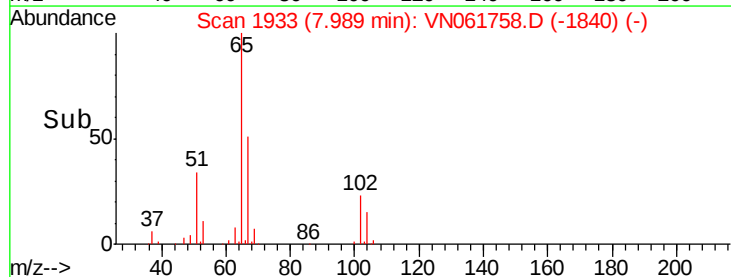
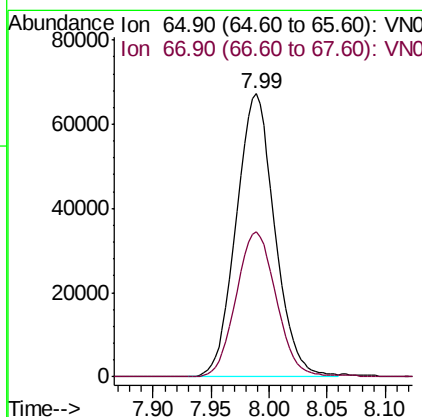
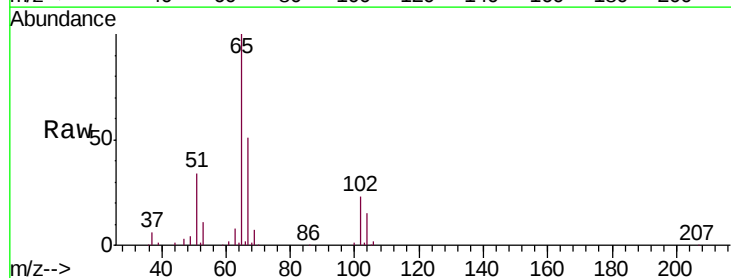
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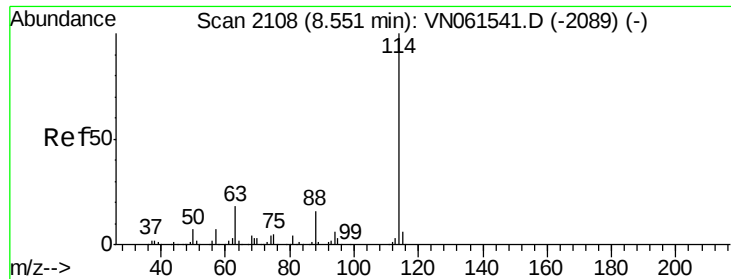
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#33
1,2-Dichloroethane-d4
Concen: 48.130 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. 0.00 min
Lab File: VN061758.D
Acq: 11 Jun 2020 19:34

Tgt Ion: 65 Resp: 155597
Ion Ratio Lower Upper
65 100
67 53.5 0.0 104.8





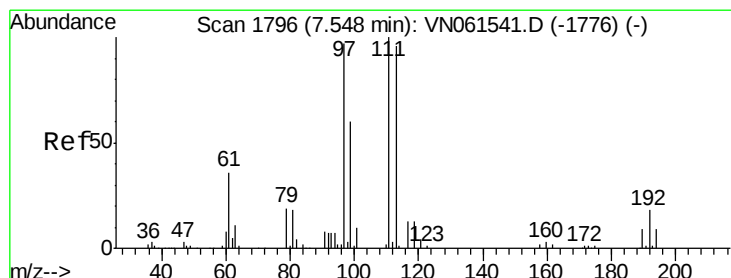
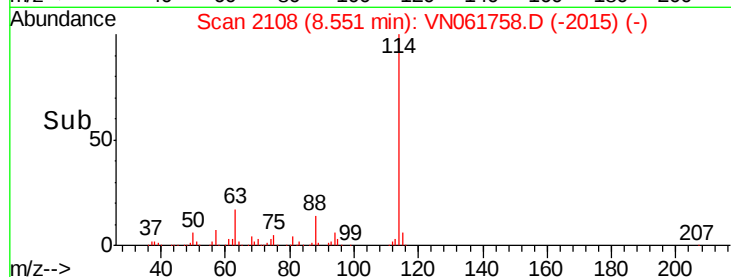
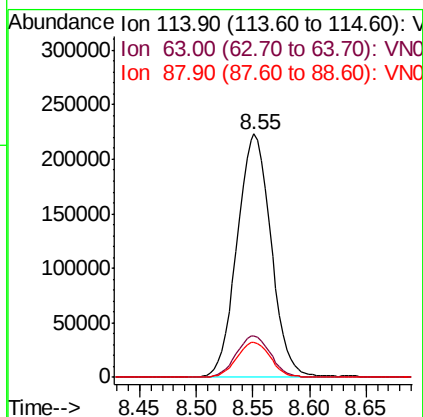
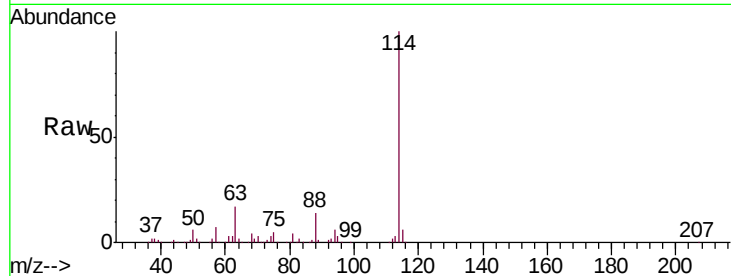
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. 0.00 min
Lab File: VN061758.D
Acq: 11 Jun 2020 19:34

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Upper
114	100		
63	17.0	0.0	35.8
88	14.4	0.0	31.0

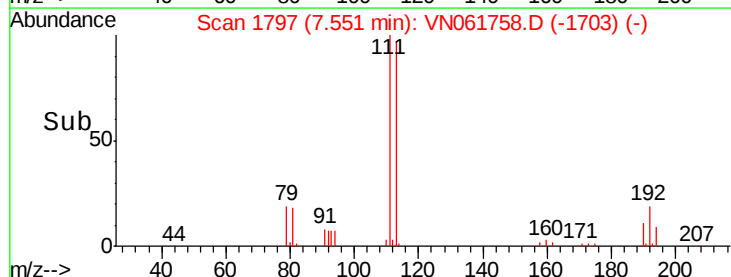
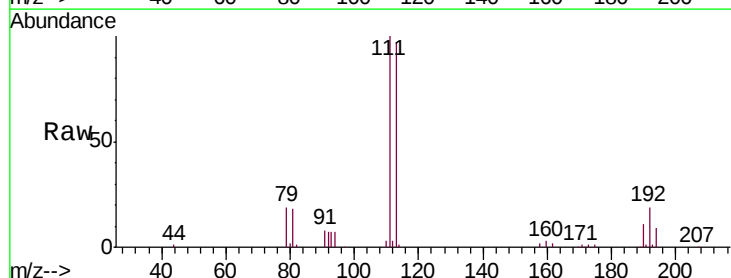
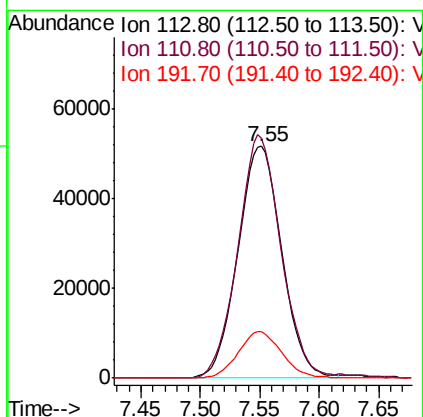
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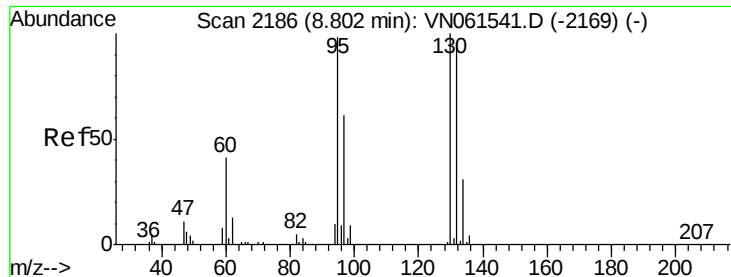
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#35
Dibromofluoromethane
Concen: 55.551 ug/l
RT: 7.55 min Scan# 1797
Delta R.T. 0.00 min
Lab File: VN061758.D
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Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	102.6	83.4	125.0
192	19.7	15.4	23.2





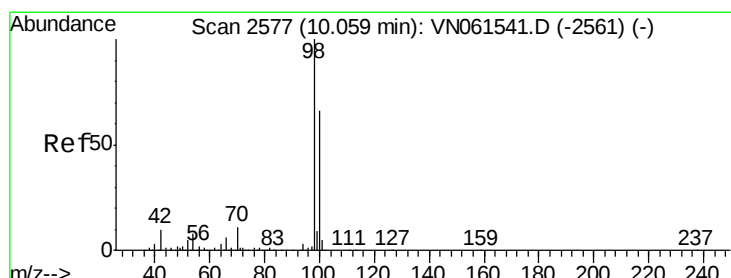
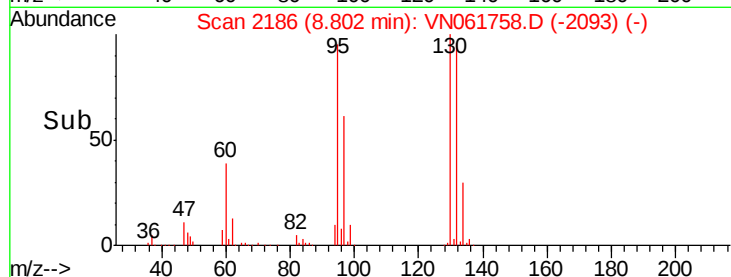
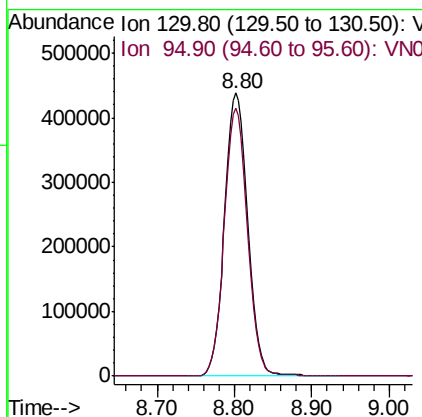
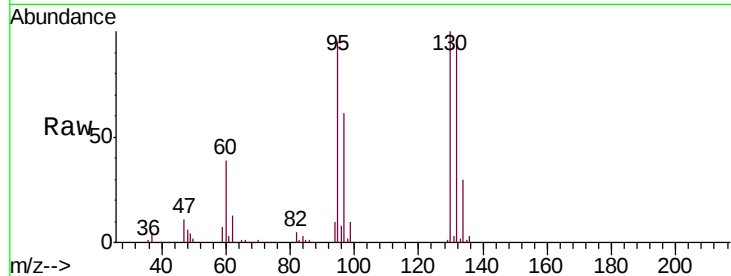
#44
 Trichloroethene
 Concen: 232.435 ug/l
 RT: 8.80 min Scan# 2186
 Delta R.T. 0.00 min
 Lab File: VN061758.D
 Acq: 11 Jun 2020 19:34

Instrument :
 MSVOA_N
 ClientSampleId :
 RE132D4-20200608

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	913295		
95	94.8	0.0	196.6	

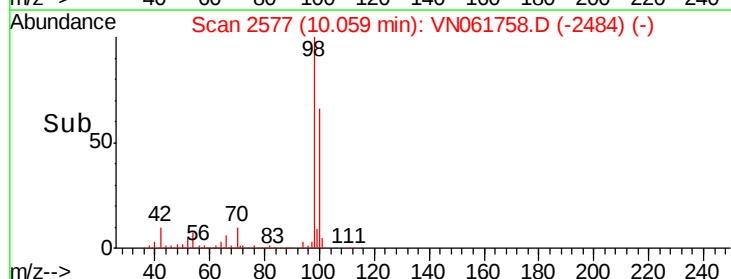
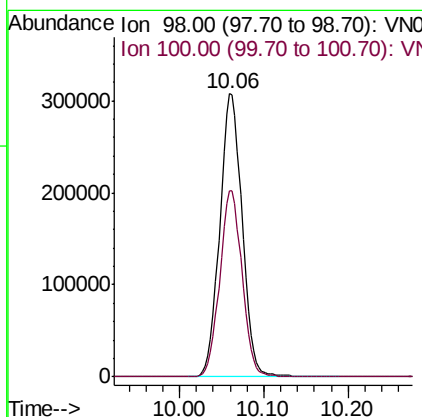
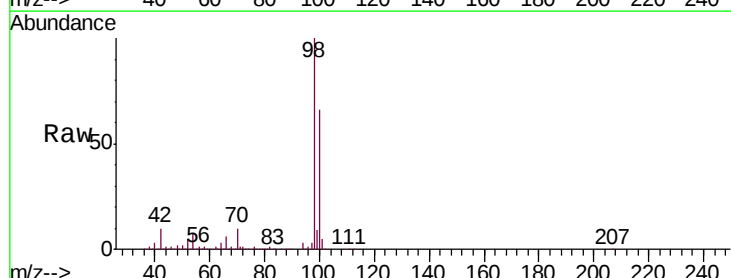
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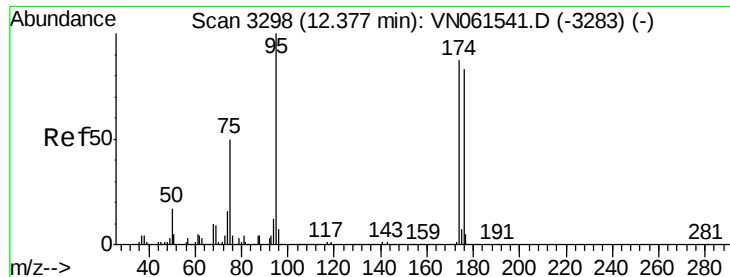
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#50
 Toluene-d8
 Concen: 51.640 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. 0.00 min
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 Acq: 11 Jun 2020 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	568236		
100	65.4	52.8	79.2	





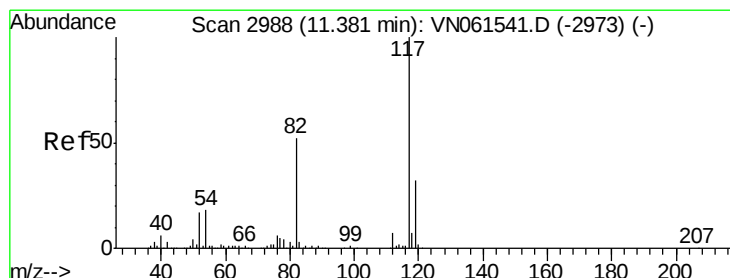
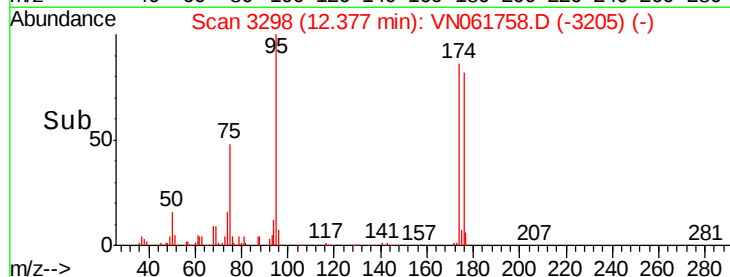
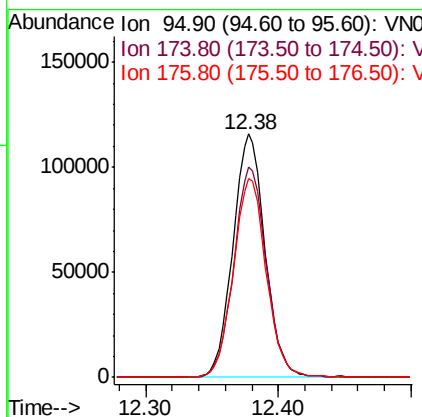
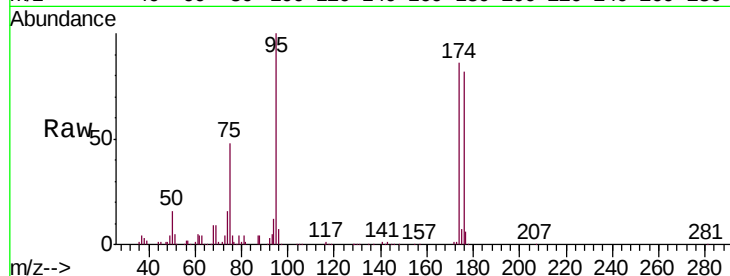
#62
4-Bromofluorobenzene
Concen: 48.447 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN061758.D
Acq: 11 Jun 2020 19:34

Instrument :
MSVOA_N
ClientSampleId :
RE132D4-20200608

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	194492		
174	87.8	0.0	172.8	
176	83.5	0.0	164.8	

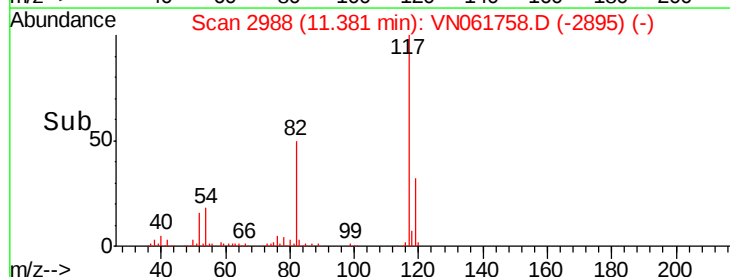
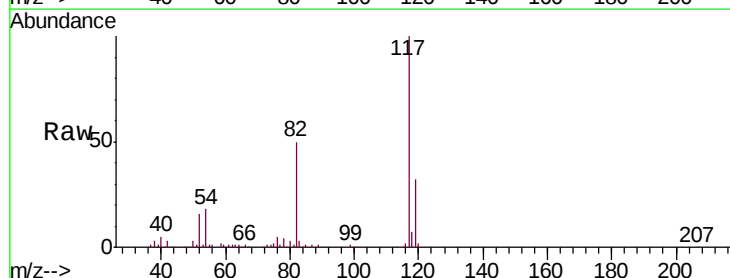
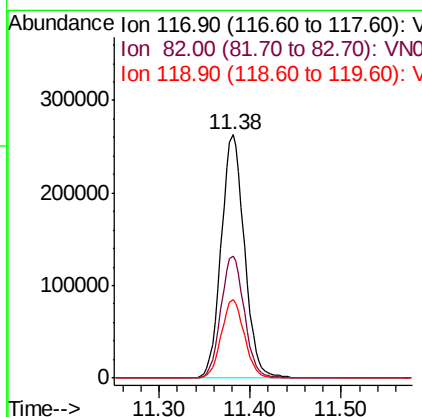
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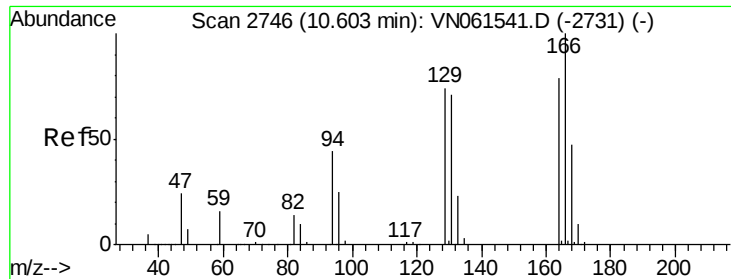
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061758.D
Acq: 11 Jun 2020 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	466254		
82	50.3	41.5	62.3	
119	32.0	25.6	38.4	





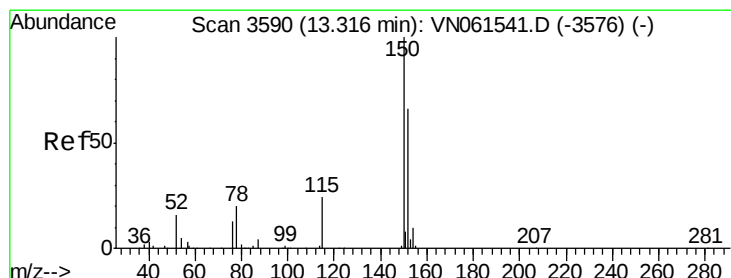
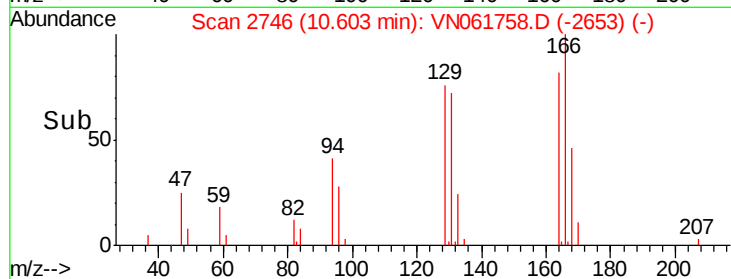
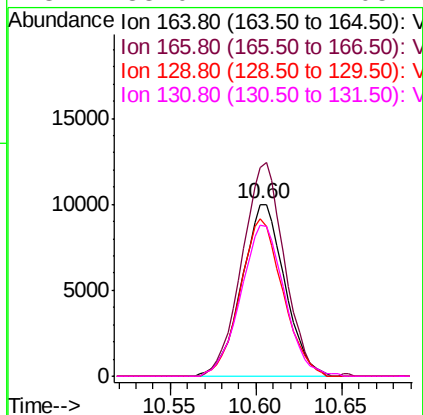
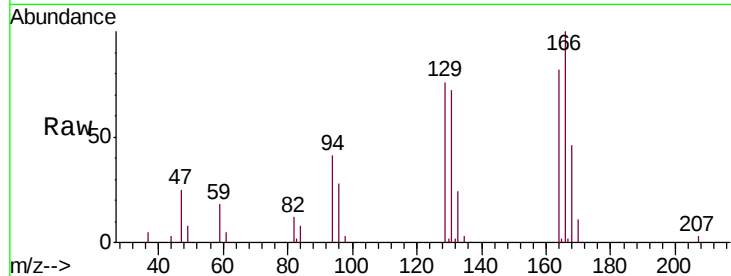
#64
Tetrachloroethene
Concen: 3.964 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN061758.D
Acq: 11 Jun 2020 19:34

Instrument :
MSVOA_N
ClientSampleId :
RE132D4-20200608

Tgt Ion	Ratio	Lower	Upper
164	100		
166	121.9	101.5	152.3
129	92.1	74.9	112.3
131	88.0	72.2	108.2

Manual Integrations
APPROVED

MMDadoda
6/12/2020 5:46:19 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN061758.D
Acq: 11 Jun 2020 19:34

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.5	28.0	84.0
150	158.4	0.0	344.0

