

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061120\
 Data File : VN061760.D
 Acq On : 11 Jun 2020 20:21
 Operator : JC/MD
 Sample : L2988-20
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE131D1-20200609

Manual Integrations
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 6/12/2020 5:46:21 PM

Quant Time: Jun 12 08:33:58 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	285238	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	486014	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	482027	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	213693	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	160844	47.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.66%	
35) Dibromofluoromethane	7.55	113	137699	55.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.70%	
50) Toluene-d8	10.06	98	585395	51.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.48%	
62) 4-Bromofluorobenzene	12.38	95	199032	47.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.50%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	3.72	101	15572	5.708	ug/l	96
12) 1,1-Dichloroethene	3.71	96	2078m	0.713	ug/l	
19) Methyl tert-butyl Ether	4.98	73	5249m	0.528	ug/l	
27) cis-1,2-Dichloroethene	6.78	96	14311	3.845	ug/l	92
30) Chloroform	7.33	83	8591	1.458	ug/l	99
44) Trichloroethene	8.80	130	767346	188.086	ug/l	96
49) 1,4-Dioxane	9.17	88	1629	37.487	ug/l #	91
64) Tetrachloroethene	10.60	164	40054	8.828	ug/l	99

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

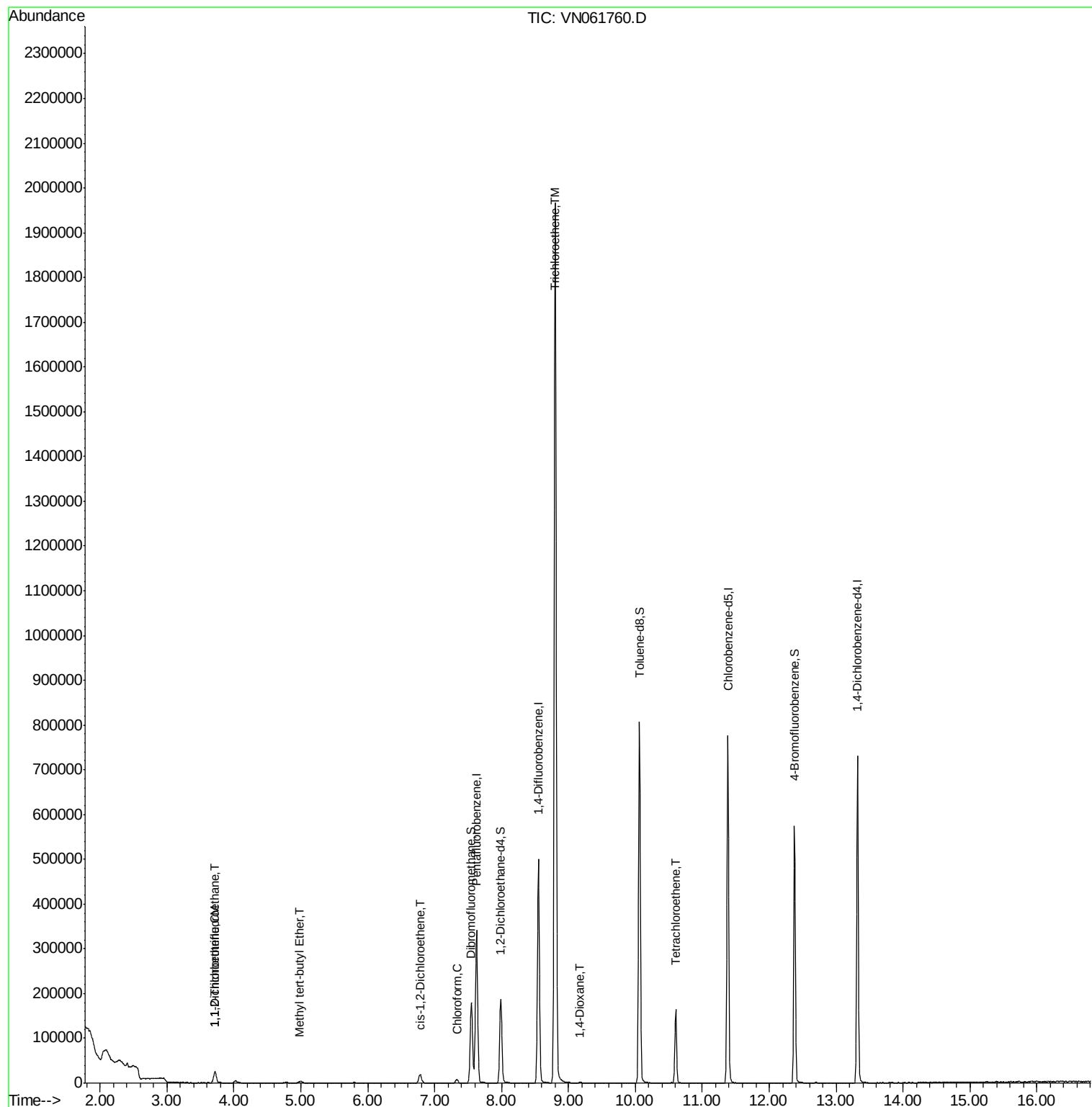
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061120\
Data File : VN061760.D
Acq On : 11 Jun 2020 20:21
Operator : JC/MD
Sample : L2988-20
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 20 Sample Multiplier: 1

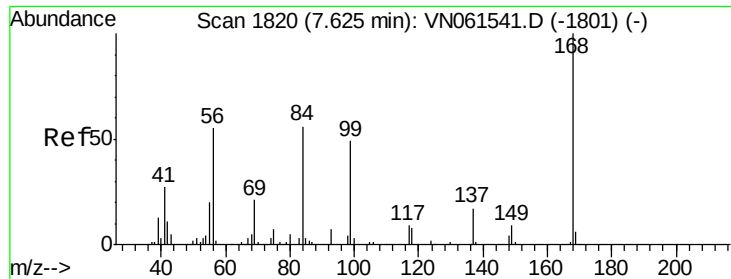
Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20200609

Manual Integrations
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Quant Time: Jun 12 08:33:58 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061760.D

Acq: 11 Jun 2020 20:21

Instrument :

MSVOA_N

ClientSampleId :

RE131D1-20200609

Tot Ion:168 Resp: 285238

Ion Ratio Lower Upper

168 100

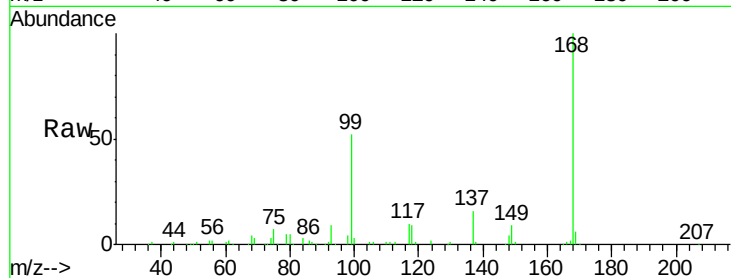
99 52.0 45.0 67.4

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

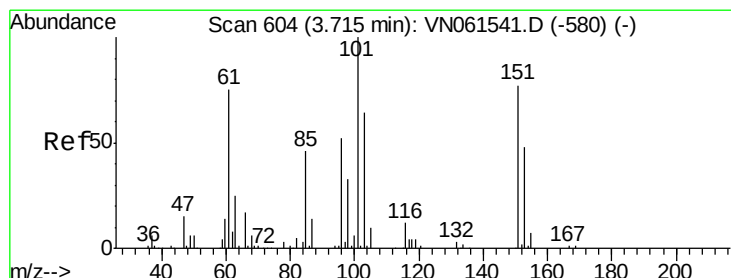
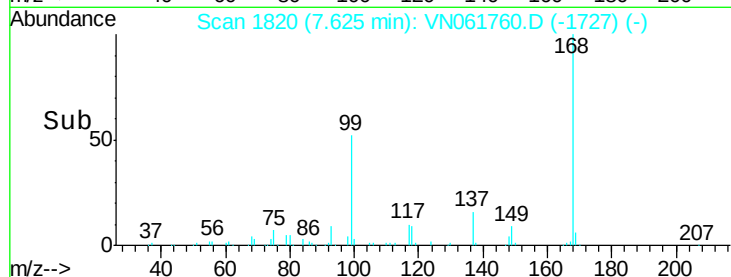
7.63

100000

50000

0

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.708 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN061760.D

Acq: 11 Jun 2020 20:21

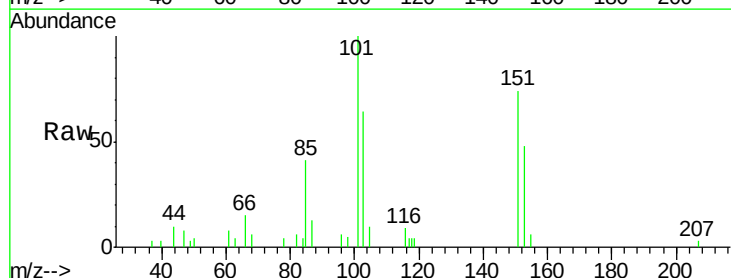
Tgt Ion:101 Resp: 15572

Ion Ratio Lower Upper

101 100

85 40.0 35.2 52.8

151 74.4 61.0 91.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VNO

Ion 150.80 (150.50 to 151.50): V

3.72

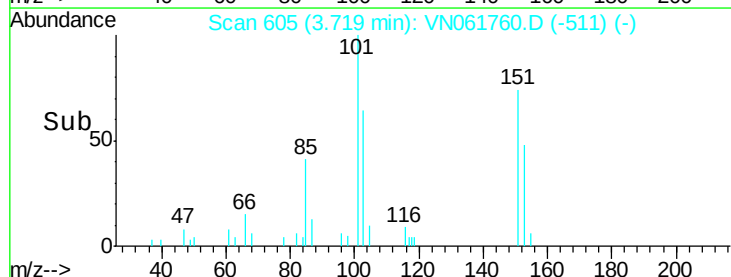
6000

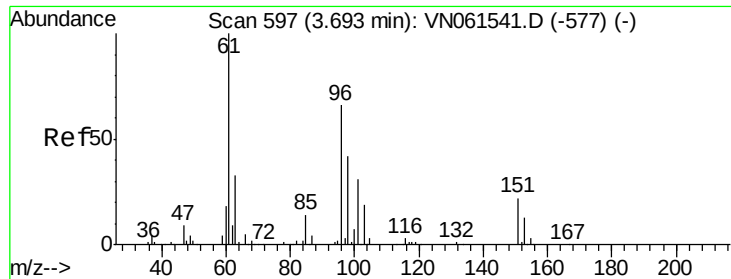
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Time-->





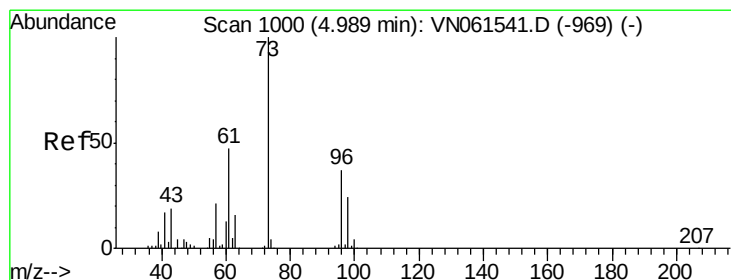
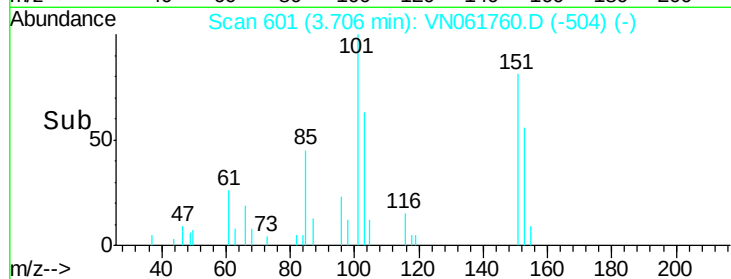
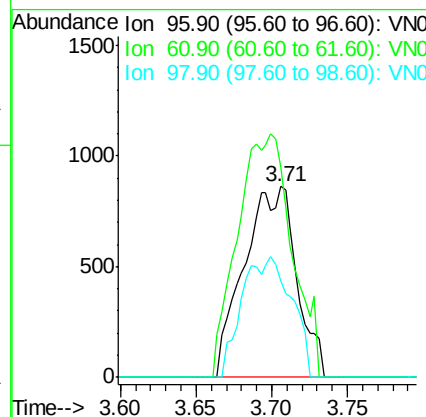
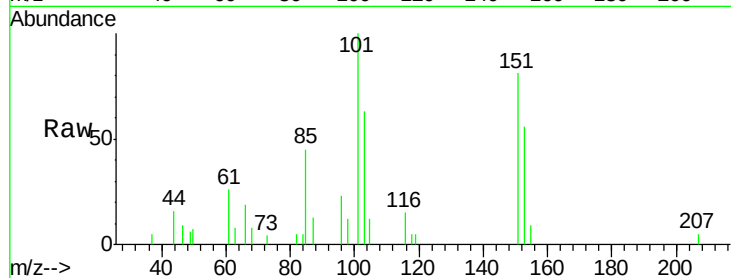
#12
 1,1-Dichloroethene
 Concen: 0.713 ug/l m
 RT: 3.71 min Scan# 601
 Delta R.T. 0.01 min
 Lab File: VN061760.D
 Acq: 11 Jun 2020 20:21

Instrument :
 MSVOA_N
 ClientSampleId :
 RE131D1-20200609

Tot Ion	Ratio	Lower	Upper
96	100		
61	109.8	120.5	180.7#
98	50.5	50.8	76.2#

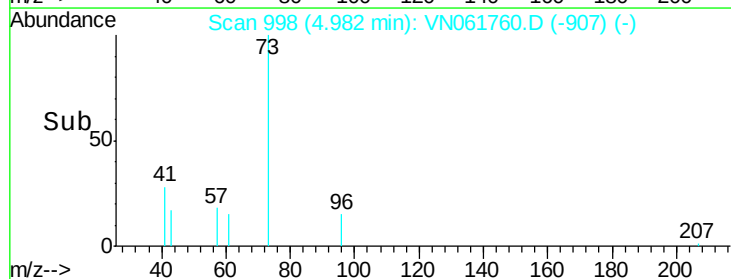
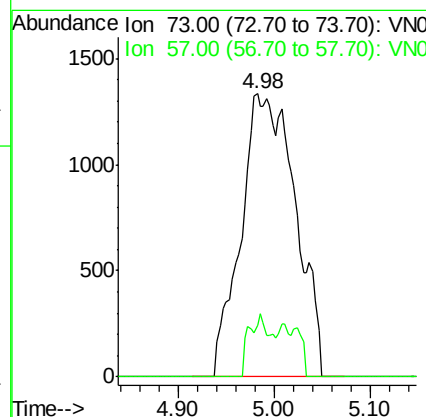
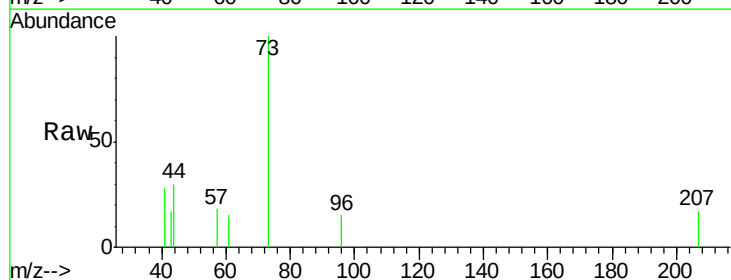
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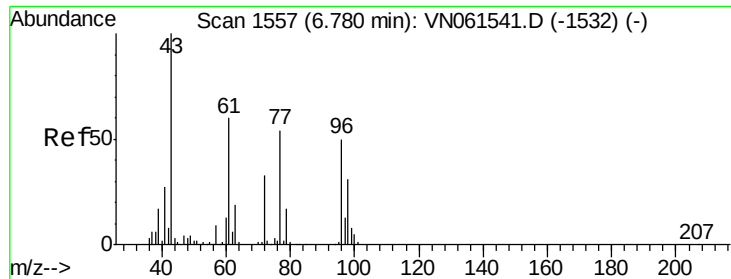
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#19
 Methyl tert-butyl Ether
 Concen: 0.528 ug/l m
 RT: 4.98 min Scan# 998
 Delta R.T. -0.01 min
 Lab File: VN061760.D
 Acq: 11 Jun 2020 20:21

Tgt Ion	Ratio	Lower	Upper
73	100		
57	18.3	16.4	24.6





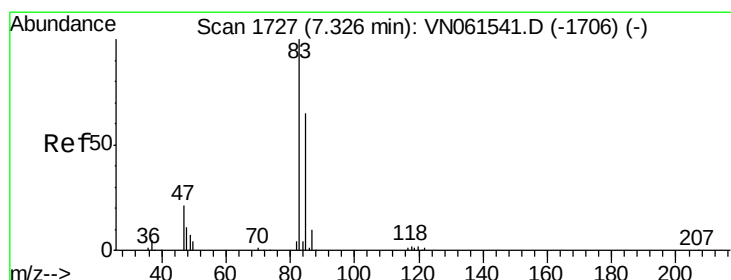
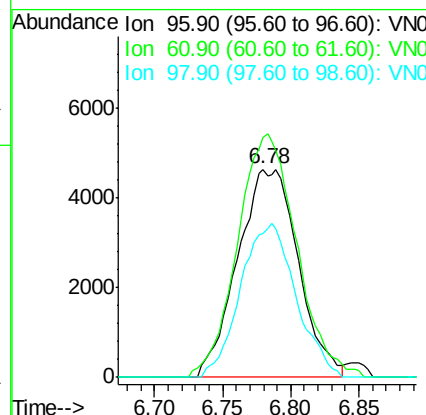
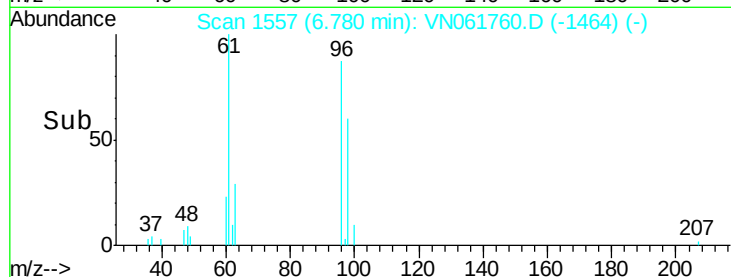
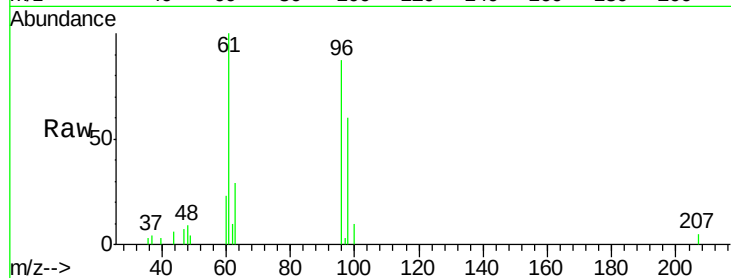
#27
 cis-1,2-Dichloroethene
 Concen: 3.845 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. 0.00 min
 Lab File: VN061760.D
 Acq: 11 Jun 2020 20:21

Instrument :
 MSVOA_N
 ClientSampleId :
 RE131D1-20200609

Tot Ion	Ratio	Lower	Upper
96	100		
61	114.0	0.0	252.2
98	67.4	0.0	129.2

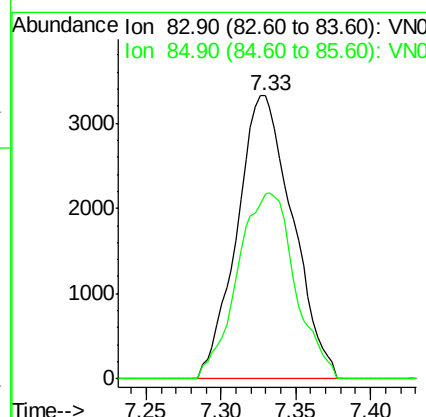
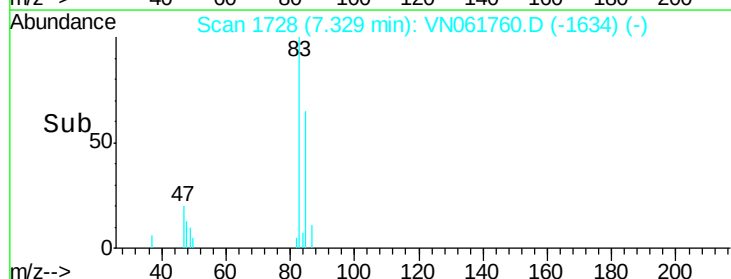
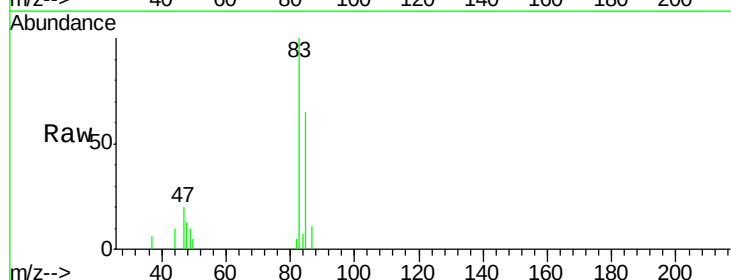
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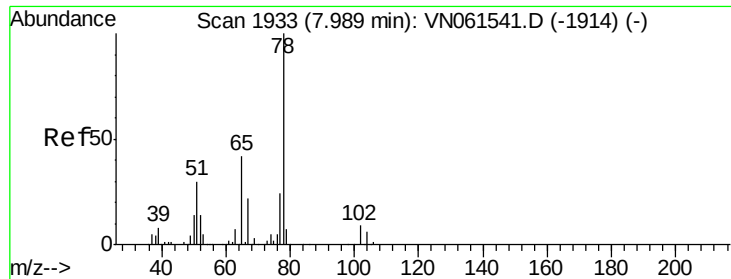
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#30
 Chloroform
 Concen: 1.458 ug/l
 RT: 7.33 min Scan# 1728
 Delta R.T. 0.00 min
 Lab File: VN061760.D
 Acq: 11 Jun 2020 20:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	51.7	77.5





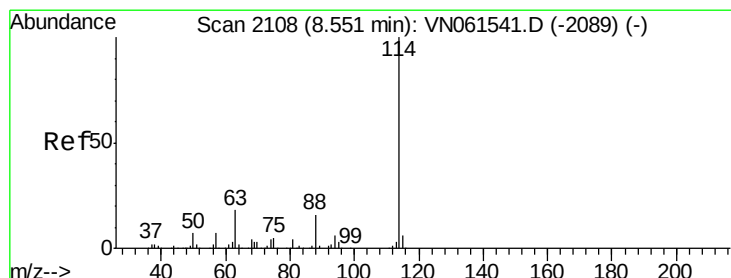
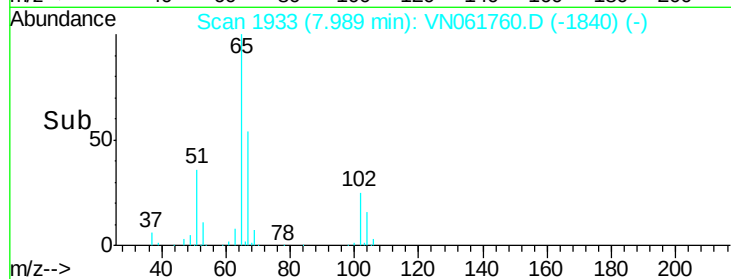
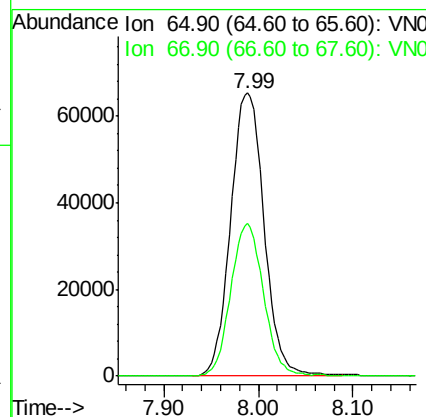
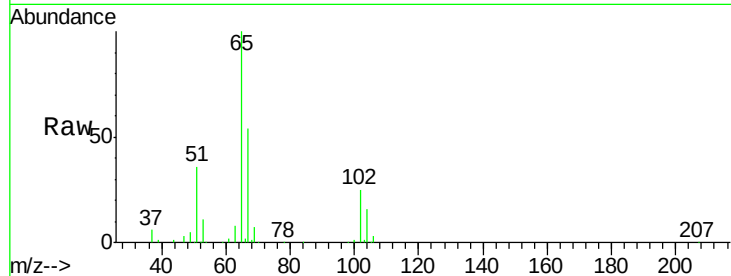
#33
 1,2-Dichloroethane-d4
 Concen: 47.329 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN061760.D
 Acq: 11 Jun 2020 20:21

Instrument :
 MSVOA_N
 ClientSampleId :
 RE131D1-20200609

Tot Ion	Ratio	Resp	Lower	Upper
65	100	160844		
67	52.5	0.0	104.8	

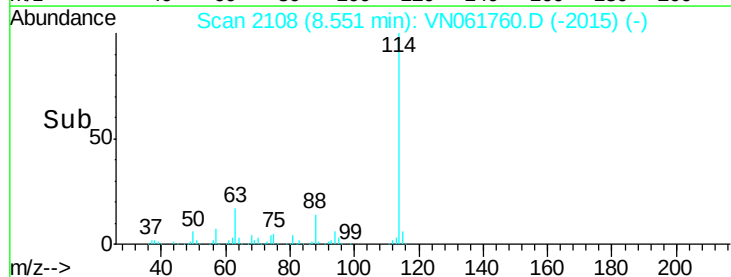
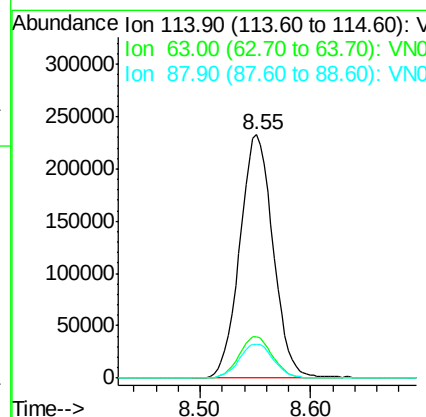
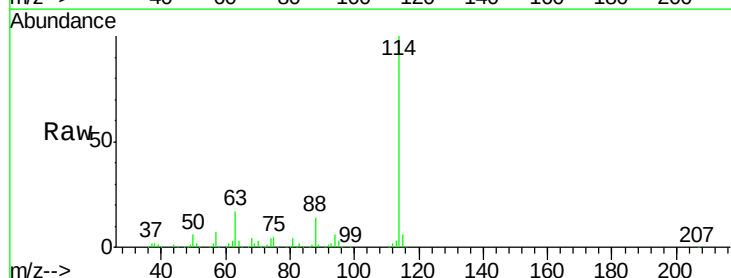
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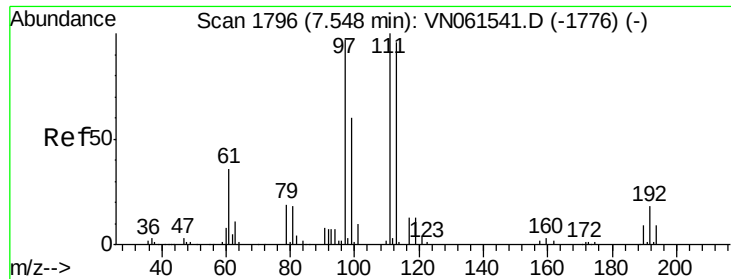
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN061760.D
 Acq: 11 Jun 2020 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	486014		
63	17.0	0.0	35.8	
88	14.1	0.0	31.0	





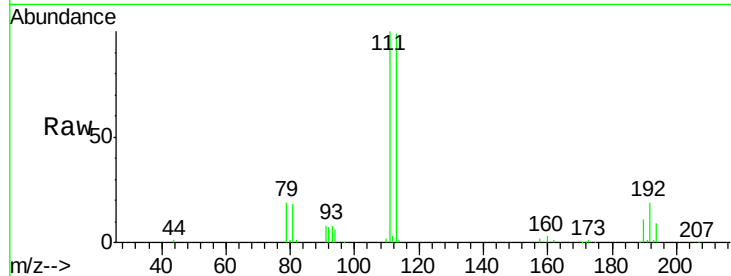
#35
Dibromofluoromethane
Concen: 55.851 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VN061760.D
Acq: 11 Jun 2020 20:21

Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20200609

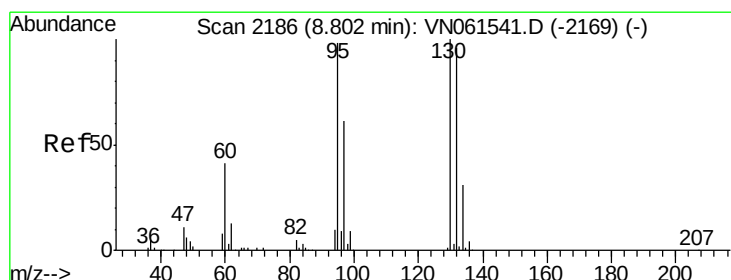
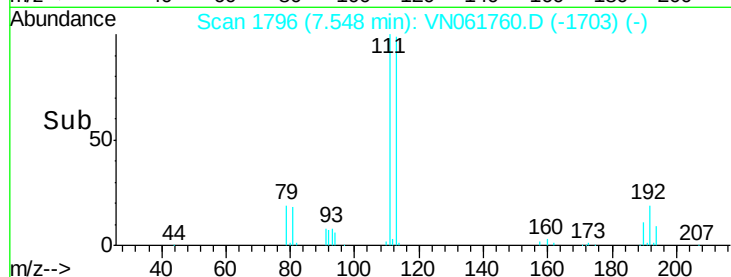
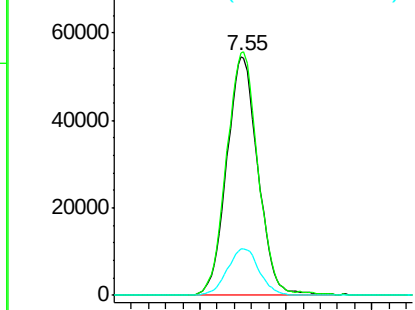
Tot Ion	Ratio	Resp	Lower	Upper
113	100	137699		
111	103.0	83.4	125.0	
192	19.9	15.4	23.2	

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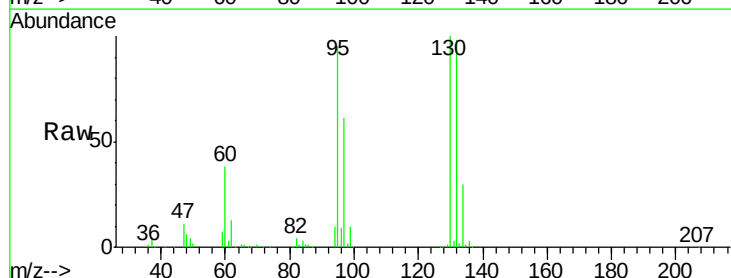


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

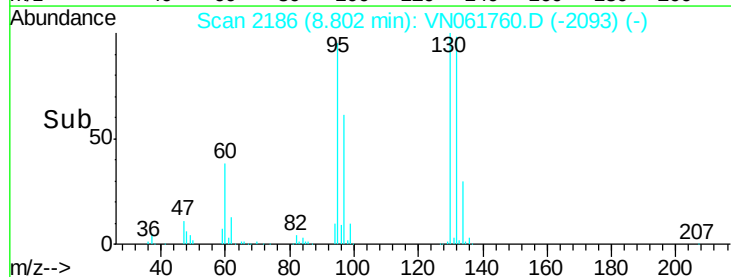
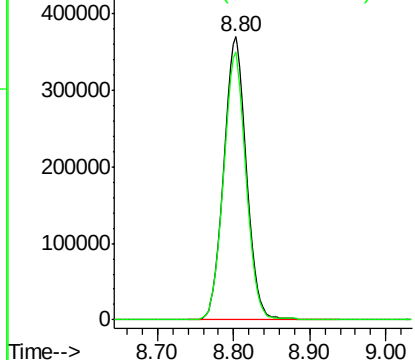


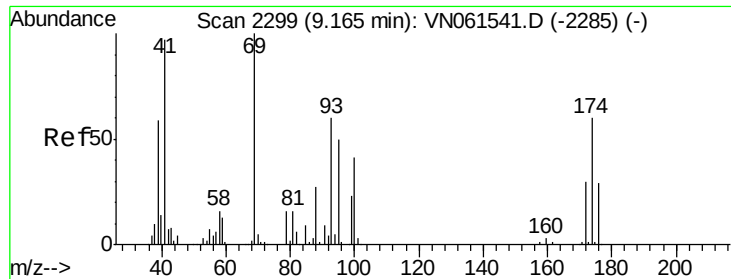
#44
Trichloroethene
Concen: 188.086 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. 0.00 min
Lab File: VN061760.D
Acq: 11 Jun 2020 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	767346		
95	94.5	0.0	196.6	



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): V





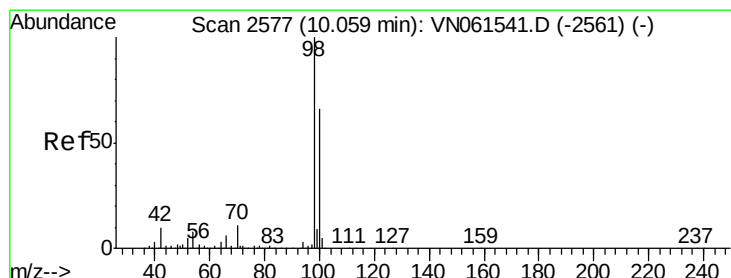
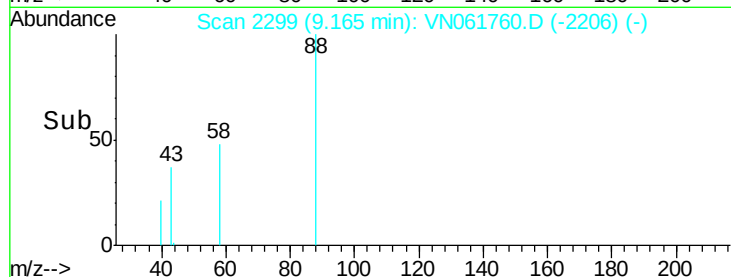
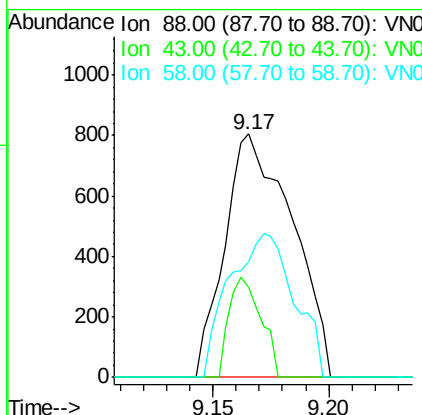
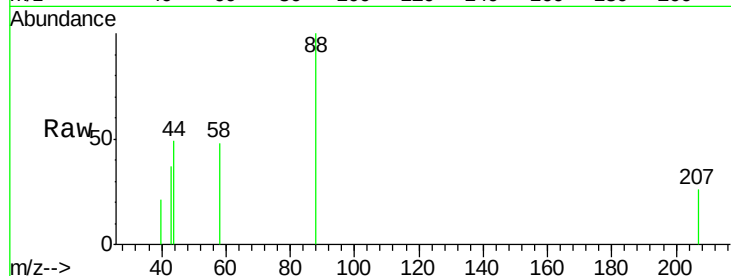
#49
 1,4-Dioxane
 Concen: 37.487 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. 0.00 min
 Lab File: VN061760.D
 Acq: 11 Jun 2020 20:21

Instrument :
 MSVOA_N
 ClientSampleId :
 RE131D1-20200609

Tot Ion	88	Resp	1629
Ion	Ratio	Lower	Upper
88	100		
43	19.3	23.1	34.7#
58	57.0	48.3	72.5

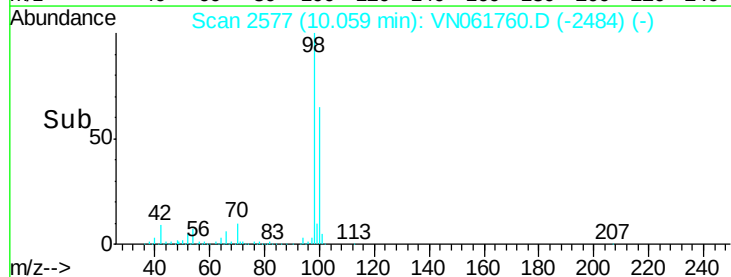
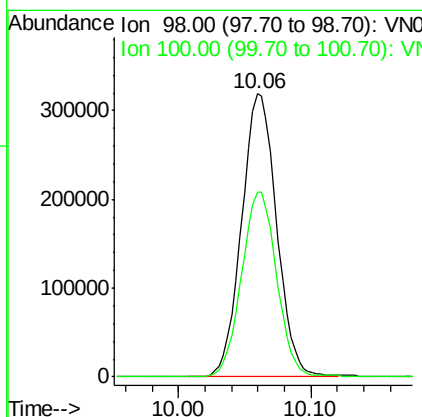
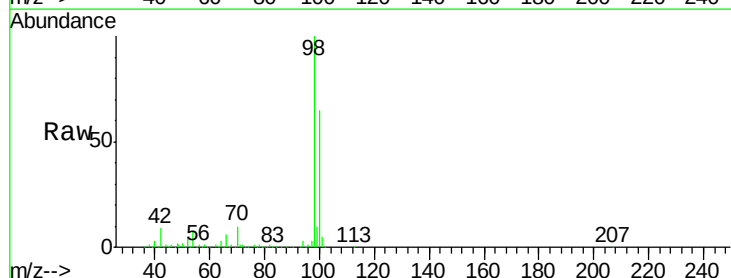
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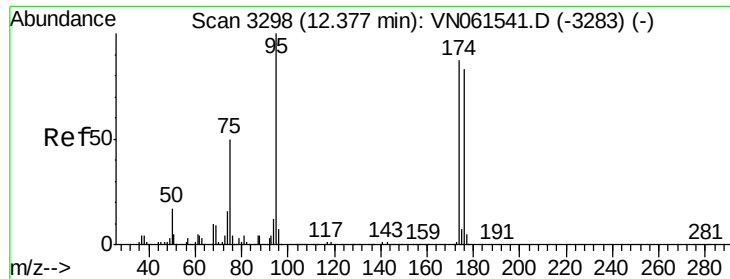
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#50
 Toluene-d8
 Concen: 51.237 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. 0.00 min
 Lab File: VN061760.D
 Acq: 11 Jun 2020 20:21

Tgt Ion	98	Resp	585395
Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.8	79.2





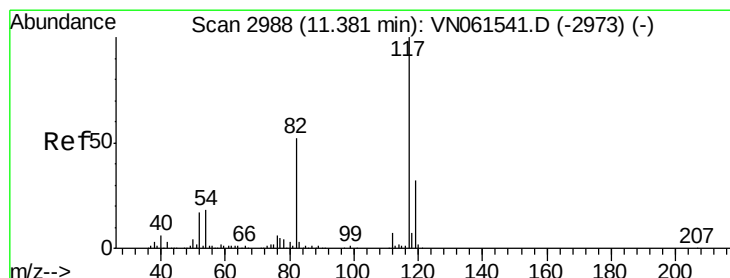
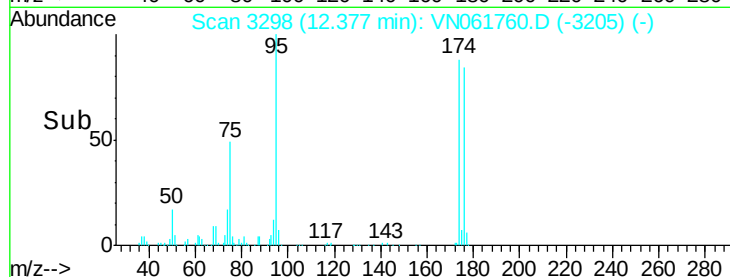
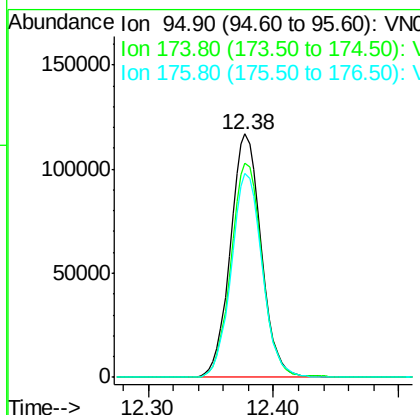
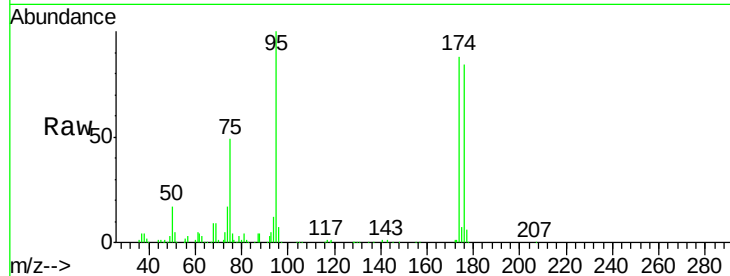
#62
4-Bromofluorobenzene
Concen: 47.749 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN061760.D
Acq: 11 Jun 2020 20:21

Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20200609

Tot Ion	Ratio	Resp	Lower	Upper
95	100	199032		
174	89.1	0.0	172.8	
176	84.2	0.0	164.8	

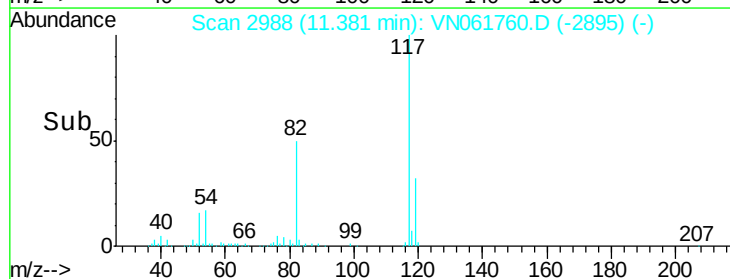
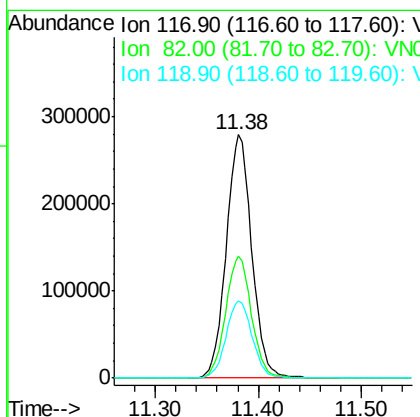
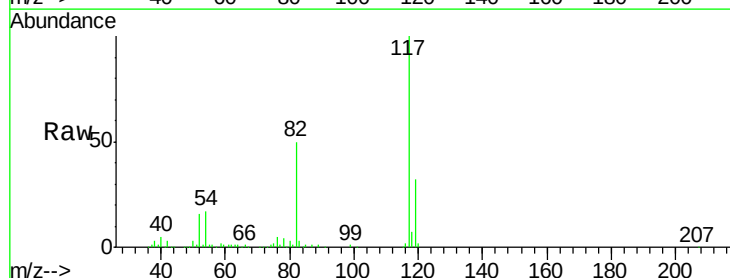
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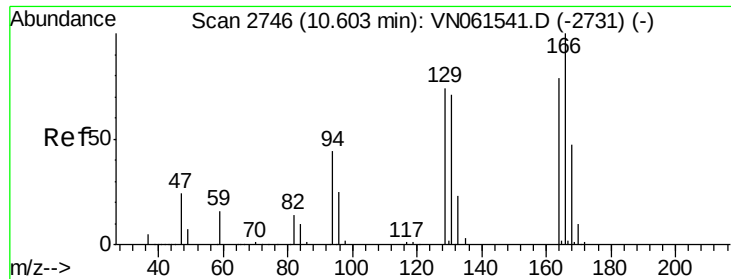
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061760.D
Acq: 11 Jun 2020 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	482027		
82	49.9	41.5	62.3	
119	31.9	25.6	38.4	





#64

Tetrachloroethene

Concen: 8.828 ug/l

RT: 10.60 min Scan# 2746

Delta R.T. 0.00 min

Lab File: VN061760.D

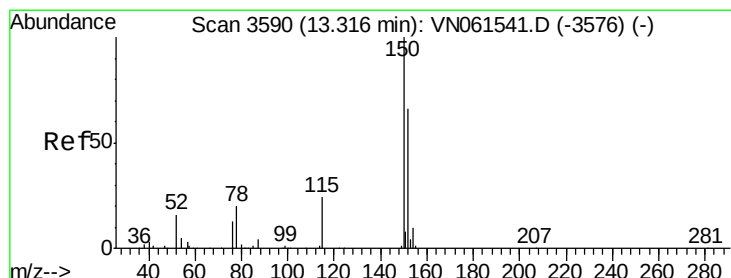
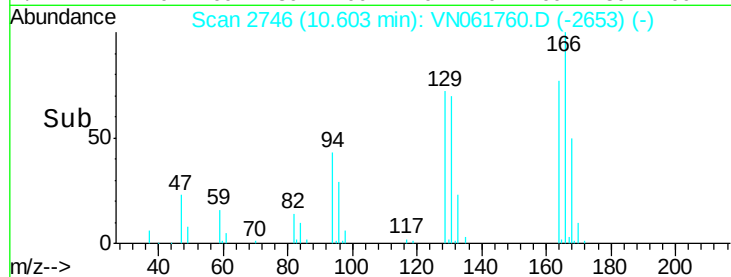
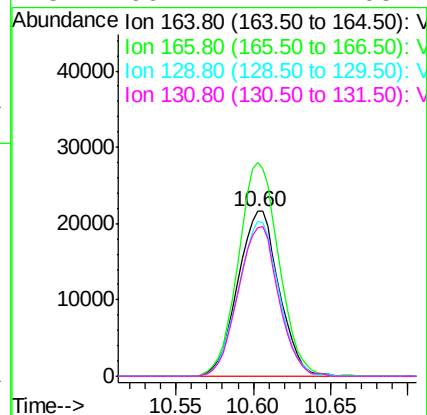
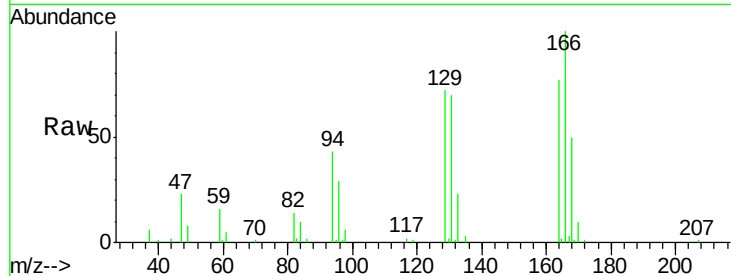
Acq: 11 Jun 2020 20:21

Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20200609

Tot Ion:	164	Resp:	40054
Ion	Ratio	Lower	Upper
164	100		
166	129.5	101.5	152.3
129	93.9	74.9	112.3
131	90.2	72.2	108.2

Manual Integrations
APPROVED

MMDadoda
6/12/2020 5:46:21 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: VN061760.D

Acq: 11 Jun 2020 20:21

Tgt Ion:	152	Resp:	213693
Ion	Ratio	Lower	Upper
152	100		
115	55.0	28.0	84.0
150	156.4	0.0	344.0

