

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061120\
 Data File : VN061757.D
 Acq On : 11 Jun 2020 19:10
 Operator : JC/MD
 Sample : L2988-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE132D1-20200608

Manual Integrations
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 6/12/2020 5:46:17 PM

Quant Time: Jun 12 06:23:15 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	279689	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	475365	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	465888	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	203026	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	159408	47.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.68%	
35) Dibromofluoromethane	7.55	113	138674	57.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.02%	
50) Toluene-d8	10.06	98	574992	51.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.90%	
62) 4-Bromofluorobenzene	12.38	95	193757	47.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.04%	
Target Compounds						
2) Dichlorodifluoromethane	1.83	85	1074	1.473	ug/l	81
9) 1,1,2-Trichlorotrifluoroet	3.72	101	15968	5.969	ug/l	96
12) 1,1-Dichloroethene	3.71	96	2829	0.990	ug/l #	66
19) Methyl tert-butyl Ether	5.00	73	8617	0.885	ug/l	98
22) Diisopropyl ether	5.90	45	4121m	0.500	ug/l	
27) cis-1,2-Dichloroethene	6.78	96	6390	1.751	ug/l	94
30) Chloroform	7.33	83	10401	1.800	ug/l	100
44) Trichloroethene	8.80	130	400925	100.473	ug/l	97
64) Tetrachloroethene	10.61	164	11578	2.640	ug/l	95

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

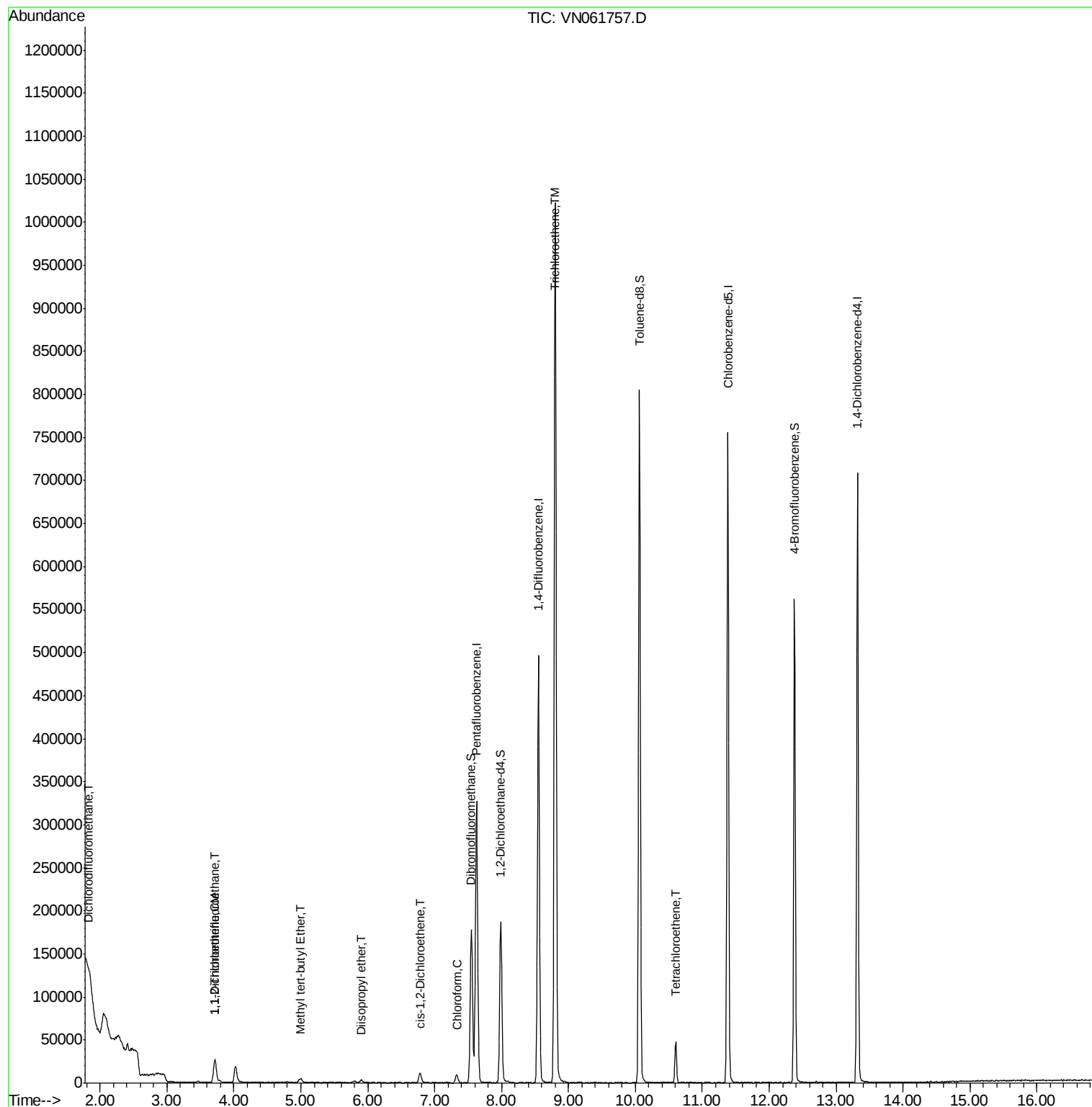
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061120\
Data File : VN061757.D
Acq On : 11 Jun 2020 19:10
Operator : JC/MD
Sample : L2988-02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 17 Sample Multiplier: 1

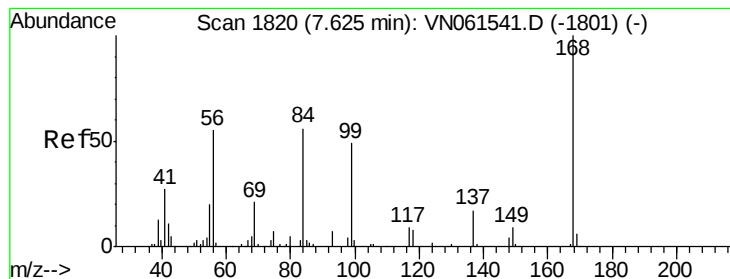
Instrument :
MSVOA_N
ClientSampleId :
RE132D1-20200608

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Quant Time: Jun 12 06:23:15 2020
Quant Method : Z:\V0ASRV\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: VN061757.D

Acq: 11 Jun 2020 19:10

Instrument :

MSVOA_N

ClientSampleId :

RE132D1-20200608

Tot Ion:168 Resp: 279689

Ion Ratio Lower Upper

168 100

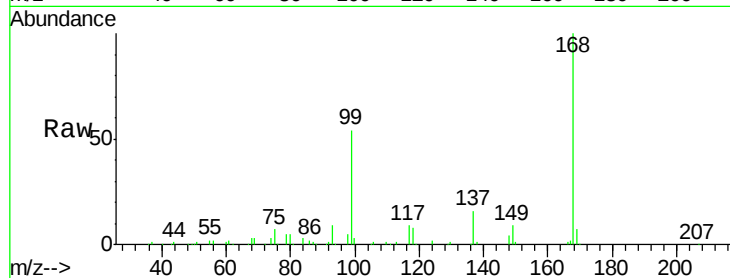
99 54.3 45.0 67.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

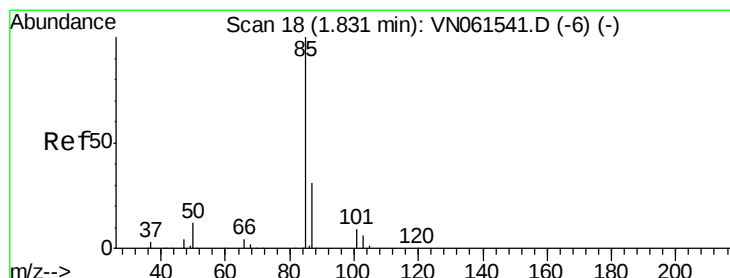
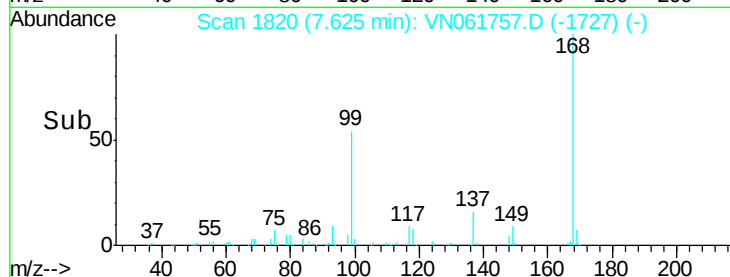
7.63

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 1.473 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061757.D

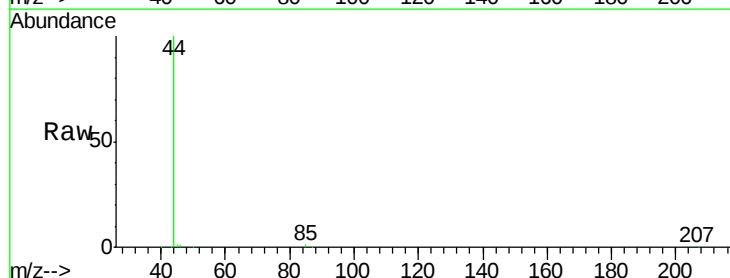
Acq: 11 Jun 2020 19:10

Tgt Ion: 85 Resp: 1074

Ion Ratio Lower Upper

85 100

87 41.5 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

1000

800

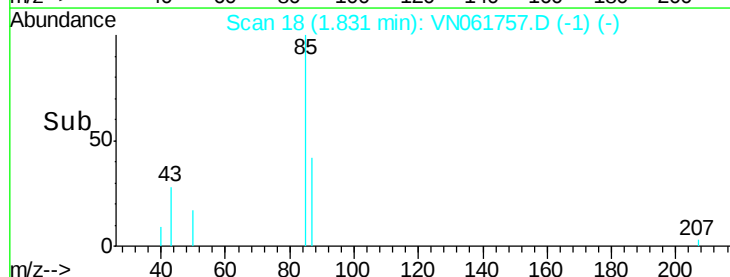
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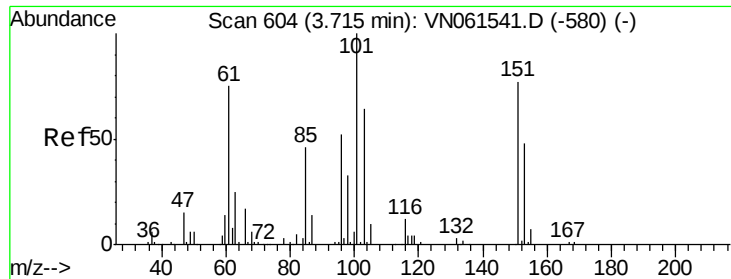
400

200

0

Time--> 1.80 1.82 1.84 1.86





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.969 ug/l

RT: 3.72 min Scan# 606

Delta R.T. 0.01 min

Lab File: VN061757.D

Acq: 11 Jun 2020 19:10

Instrument :

MSVOA_N

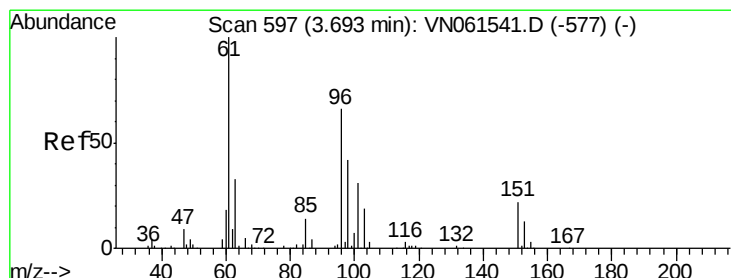
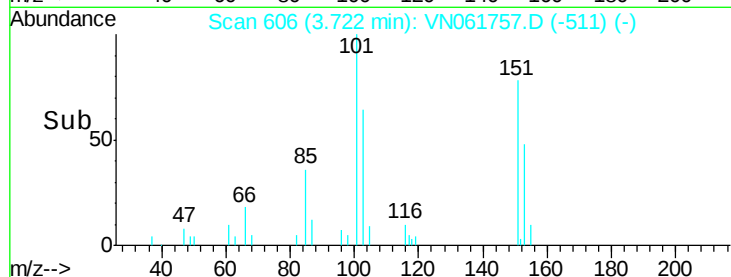
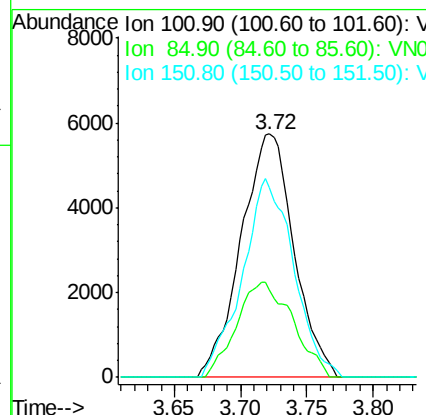
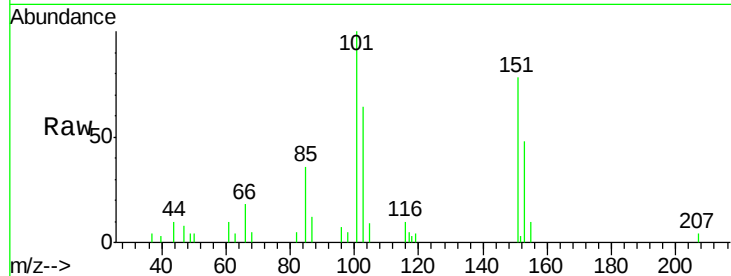
ClientSampleId :

RE132D1-20200608

Tot Ion:	101	Resp:	15968
Ion Ratio	Lower	Upper	
101	100		
85	41.4	35.2	52.8
151	79.3	61.0	91.6

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#12

1,1-Dichloroethene

Concen: 0.990 ug/l

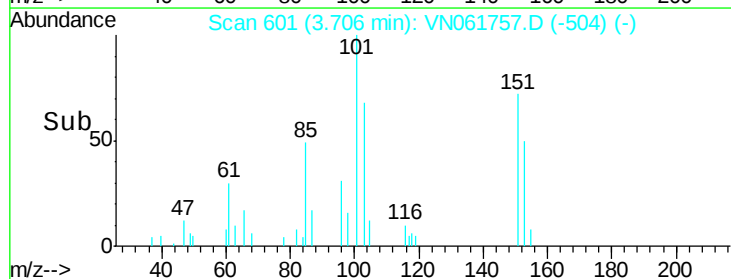
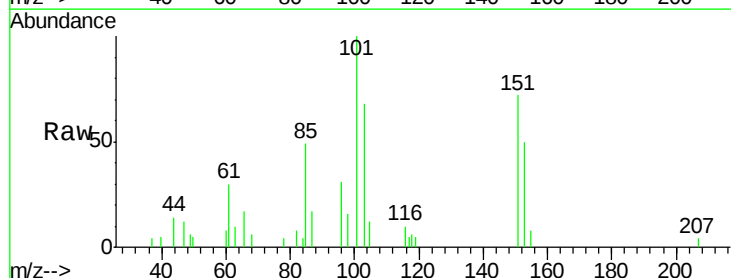
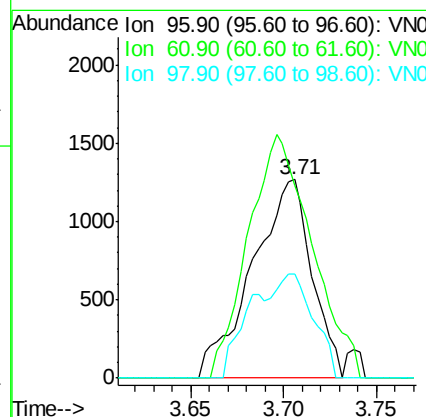
RT: 3.71 min Scan# 601

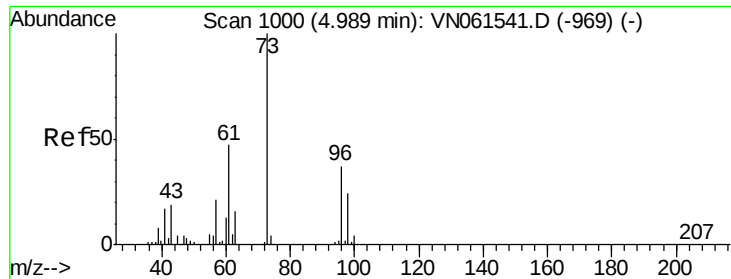
Delta R.T. 0.01 min

Lab File: VN061757.D

Acq: 11 Jun 2020 19:10

Tgt Ion:	96	Resp:	2829
Ion Ratio	Lower	Upper	
96	100		
61	96.9	120.5	180.7#
98	52.4	50.8	76.2





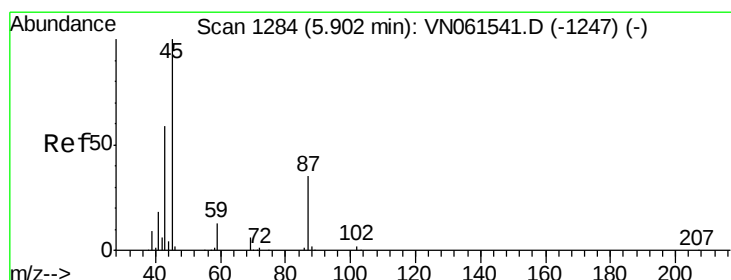
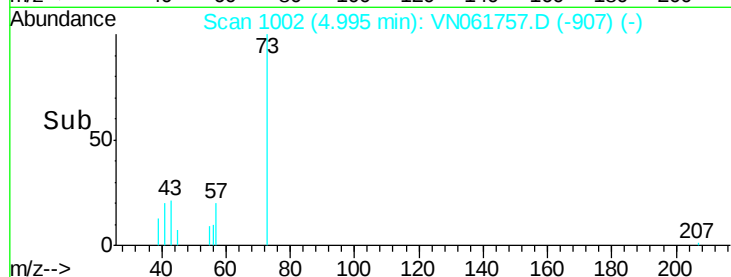
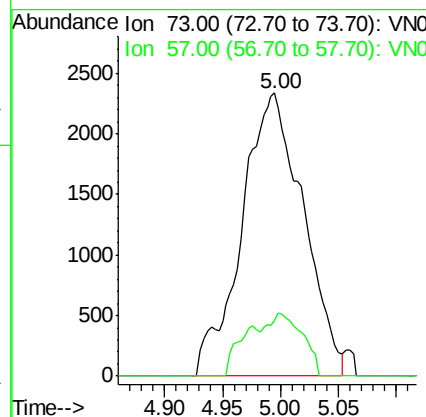
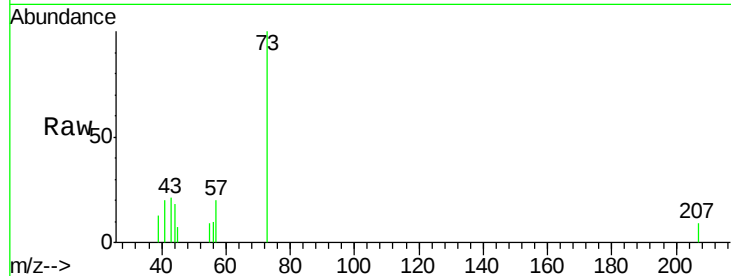
#19
Methvl tert-butvl Ether
Concen: 0.885 ug/l
RT: 5.00 min Scan# 1002
Delta R.T. 0.01 min
Lab File: VN061757.D
Acq: 11 Jun 2020 19:10

Instrument :
MSVOA_N
ClientSampleId :
RE132D1-20200608

Tot Ion: 73 Resp: 8617
Ion Ratio Lower Upper
73 100
57 19.8 16.4 24.6

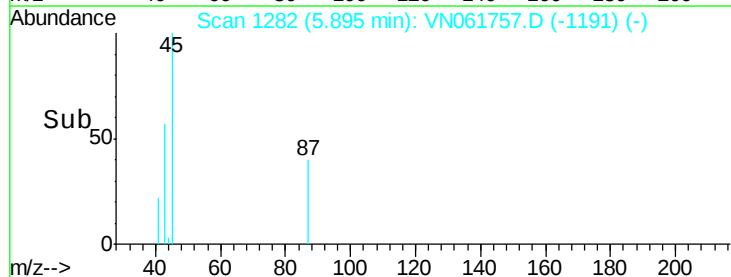
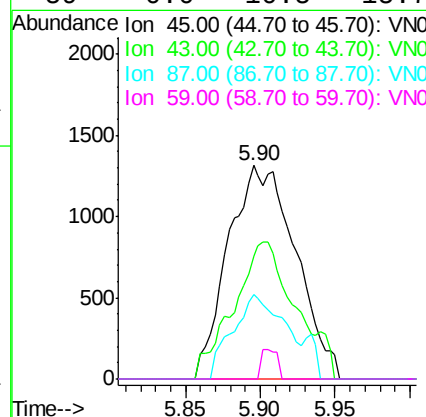
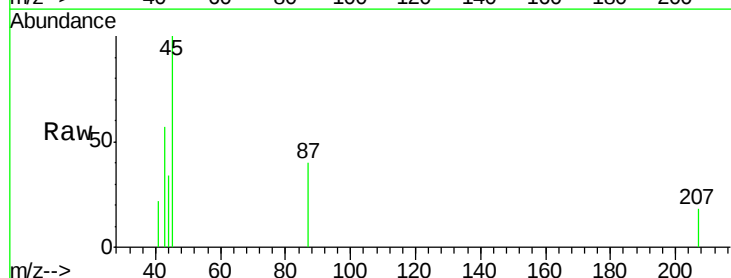
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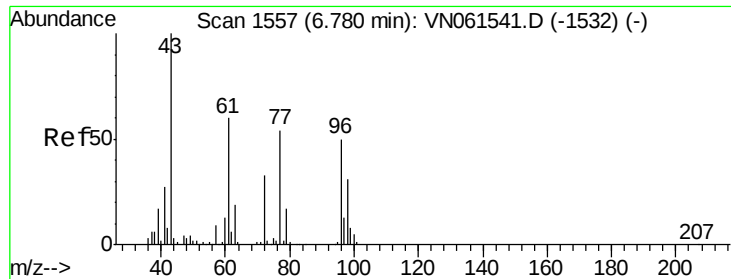
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#22
Diisopropyl ether
Concen: 0.500 ug/l m
RT: 5.90 min Scan# 1282
Delta R.T. -0.01 min
Lab File: VN061757.D
Acq: 11 Jun 2020 19:10

Tgt Ion: 45 Resp: 4121
Ion Ratio Lower Upper
45 100
43 57.5 47.9 71.9
87 39.8 28.4 42.6
59 0.0 10.5 15.7#





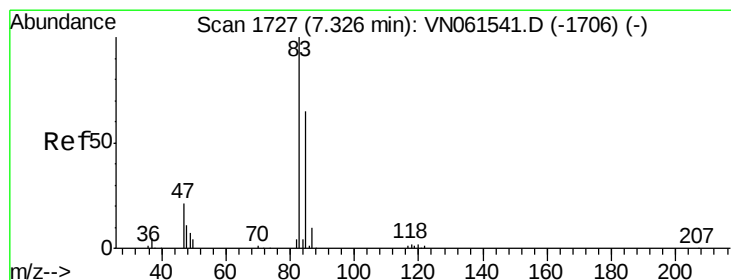
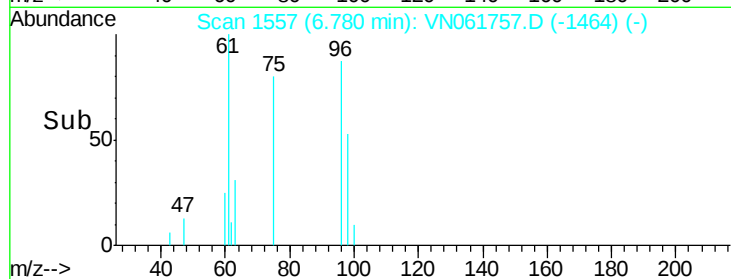
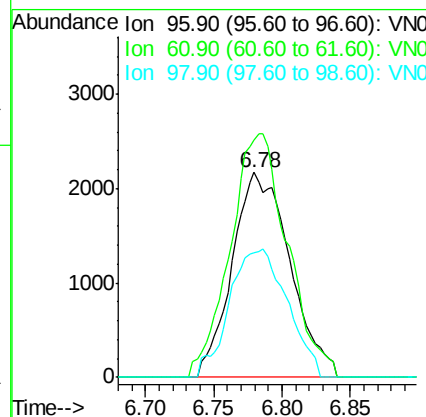
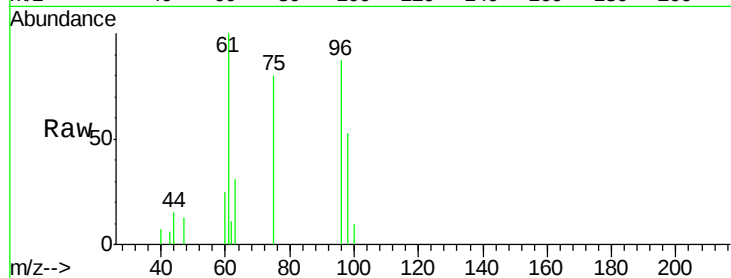
#27
 cis-1,2-Dichloroethene
 Concen: 1.751 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. -0.00 min
 Lab File: VN061757.D
 Acq: 11 Jun 2020 19:10

Instrument :
 MSVOA_N
 ClientSampleId :
 RE132D1-20200608

Tot Ion	Ratio	Lower	Upper
96	100		
61	117.9	0.0	252.2
98	62.6	0.0	129.2

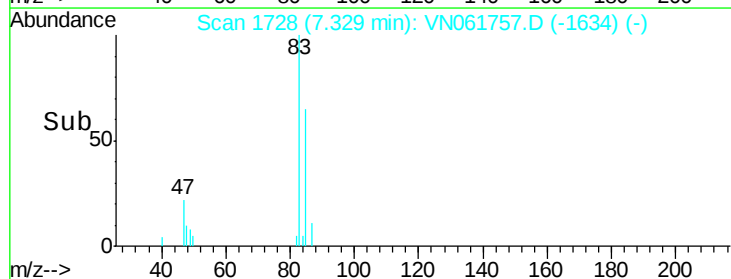
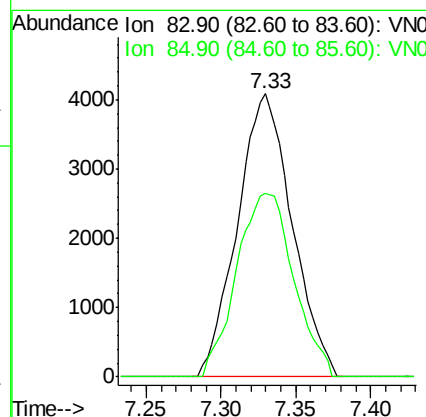
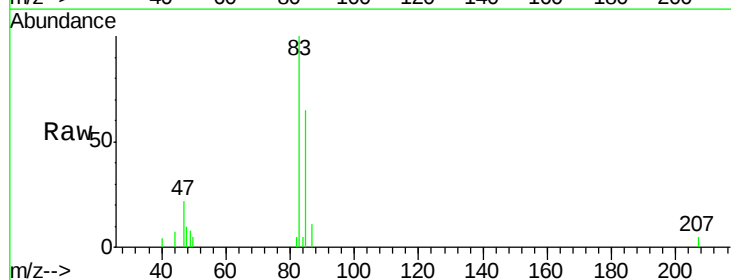
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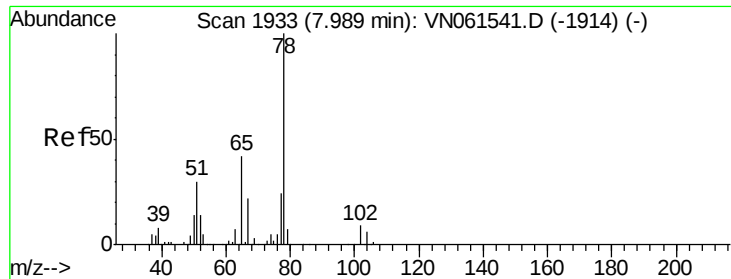
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#30
 Chloroform
 Concen: 1.800 ug/l
 RT: 7.33 min Scan# 1728
 Delta R.T. 0.00 min
 Lab File: VN061757.D
 Acq: 11 Jun 2020 19:10

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.7	77.5





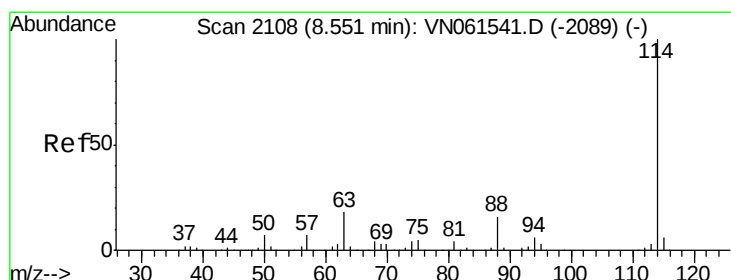
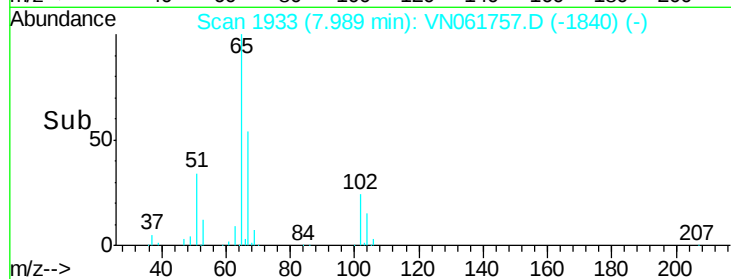
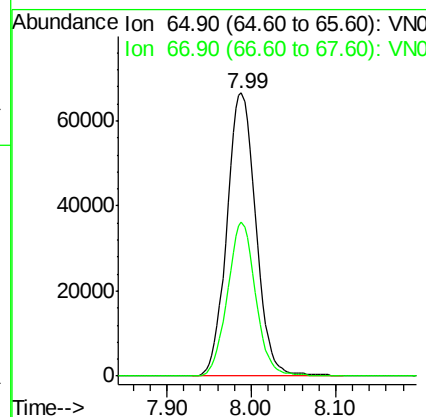
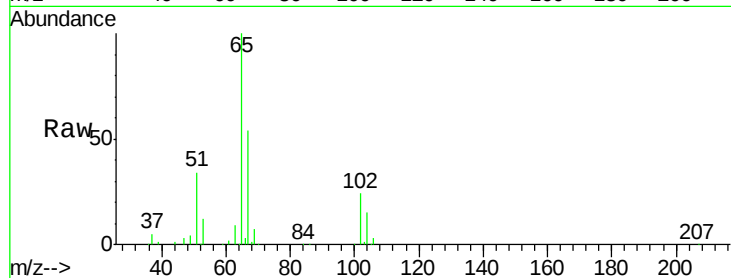
#33
 1,2-Dichloroethane-d4
 Concen: 47.837 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN061757.D
 Acq: 11 Jun 2020 19:10

Instrument :
 MSVOA_N
 ClientSampleId :
 RE132D1-20200608

Tot Ion	Ratio	Resp	Lower	Upper
65	100	159408		
67	52.4	0.0	104.8	

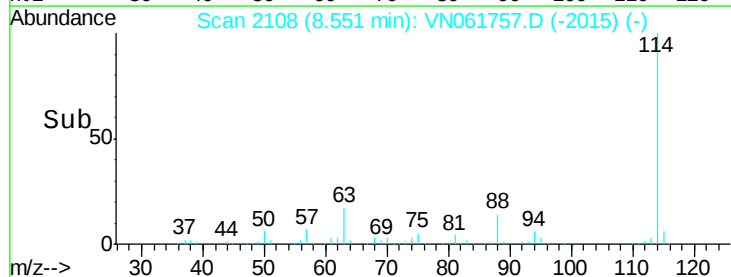
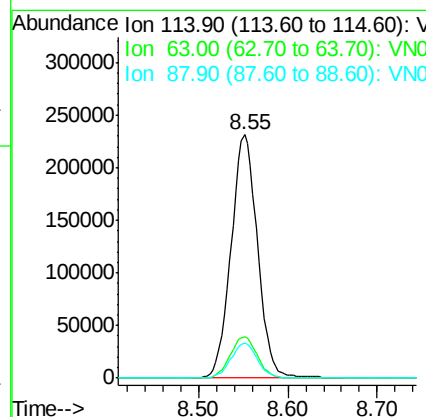
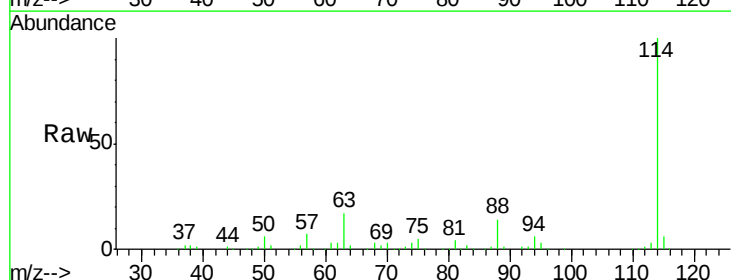
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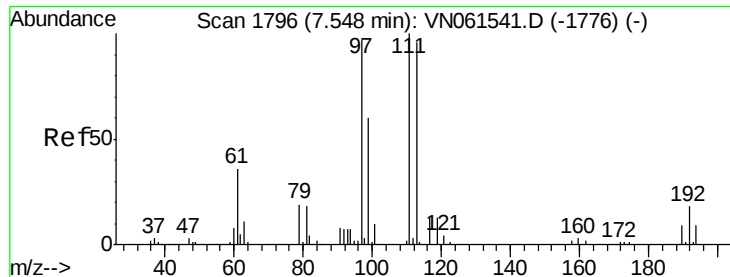
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN061757.D
 Acq: 11 Jun 2020 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	475365		
63	16.9	0.0	35.8	
88	14.3	0.0	31.0	





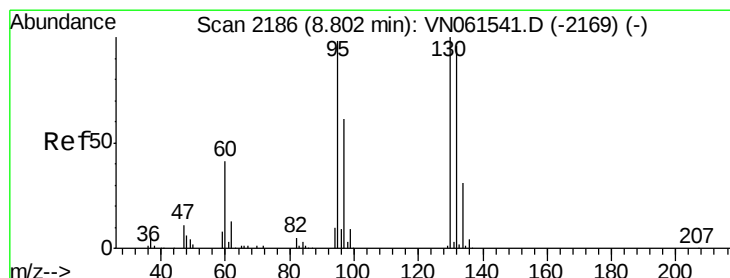
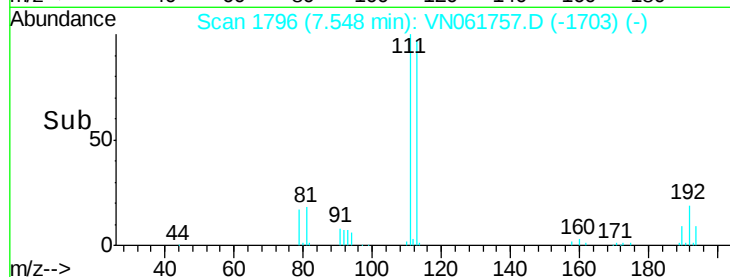
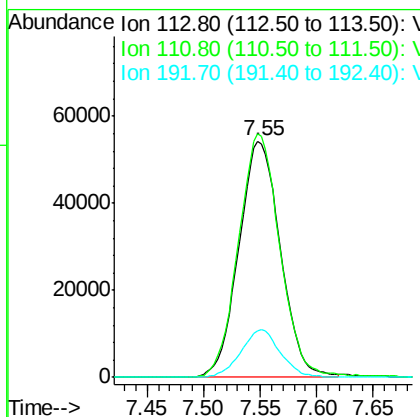
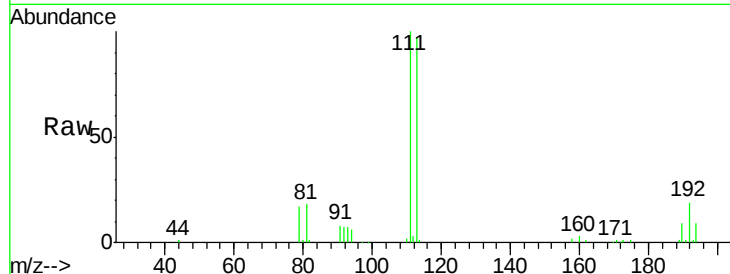
#35
 Dibromofluoromethane
 Concen: 57.507 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN061757.D
 Acq: 11 Jun 2020 19:10

Instrument :
 MSVOA_N
 ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
113	100	138674		
111	102.7	83.4	125.0	
192	19.2	15.4	23.2	

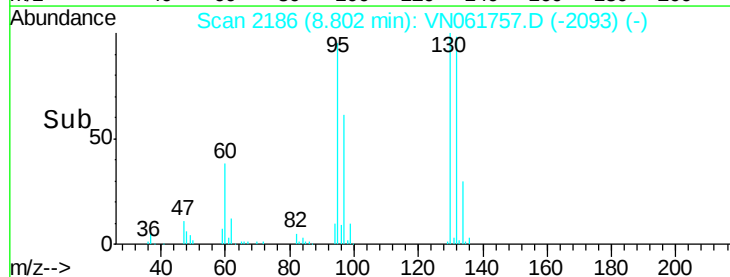
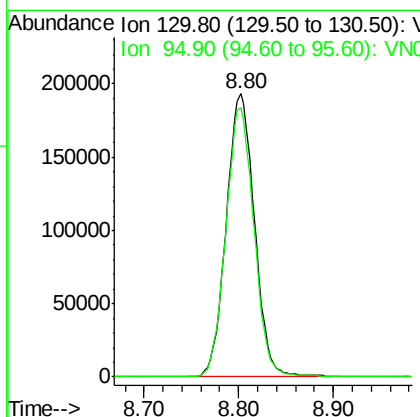
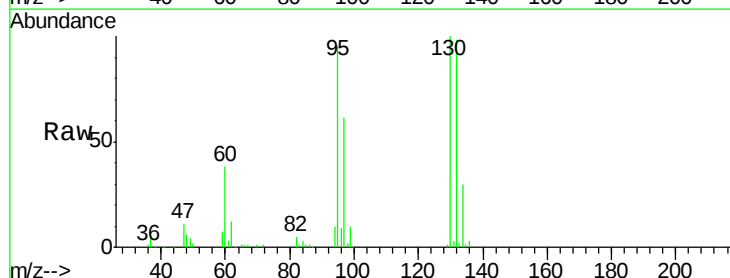
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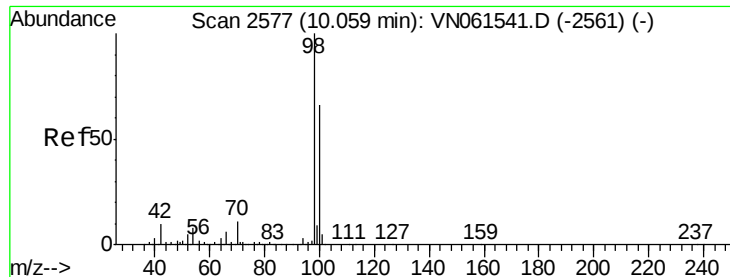
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#44
 Trichloroethene
 Concen: 100.473 ug/l
 RT: 8.80 min Scan# 2186
 Delta R.T. -0.00 min
 Lab File: VN061757.D
 Acq: 11 Jun 2020 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	400925		
95	94.9	0.0	196.6	





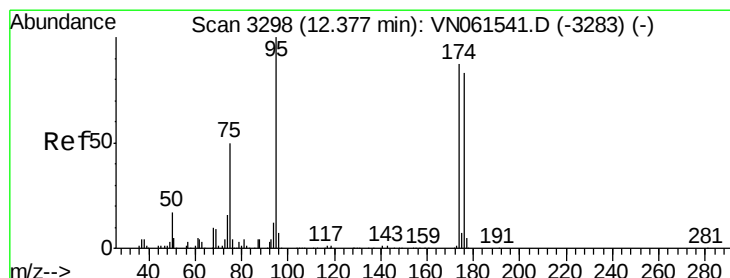
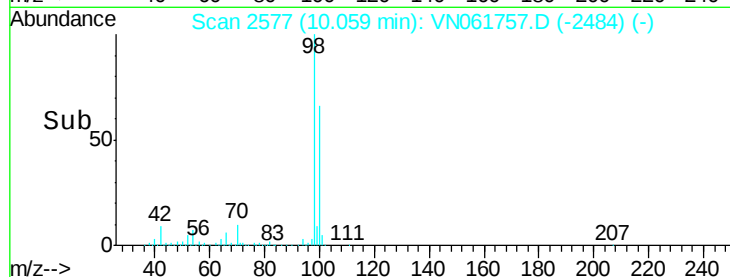
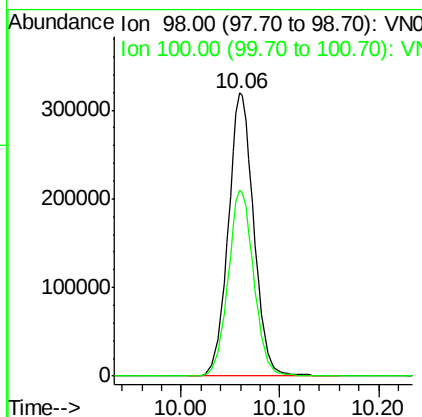
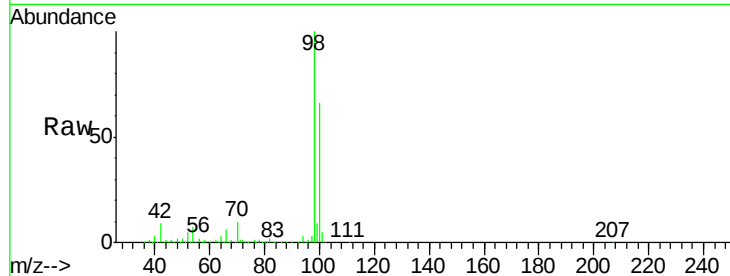
#50
Toluene-d8
Concen: 51.454 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN061757.D
Acq: 11 Jun 2020 19:10

Instrument :
MSVOA_N
ClientSampleId :
RE132D1-20200608

Tot Ion: 98 Resp: 574992
Ion Ratio Lower Upper
98 100
100 66.1 52.8 79.2

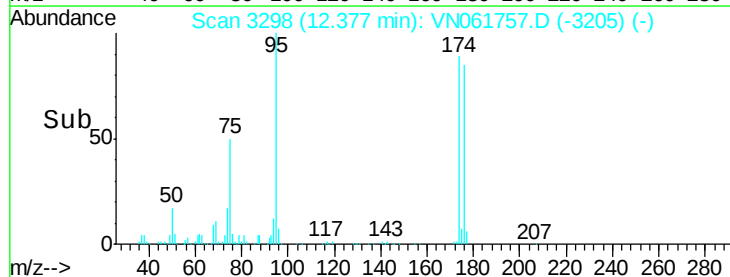
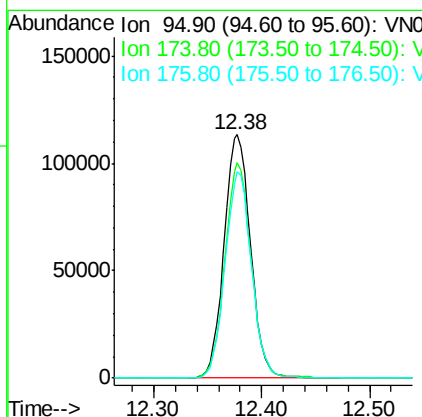
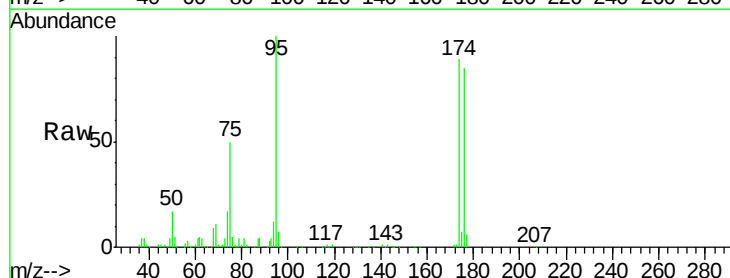
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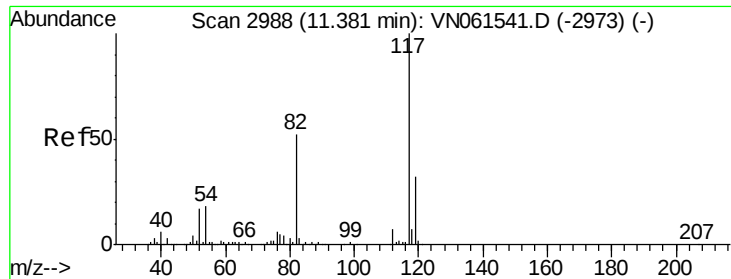
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#62
4-Bromofluorobenzene
Concen: 47.524 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN061757.D
Acq: 11 Jun 2020 19:10

Tgt Ion: 95 Resp: 193757
Ion Ratio Lower Upper
95 100
174 87.9 0.0 172.8
176 84.6 0.0 164.8





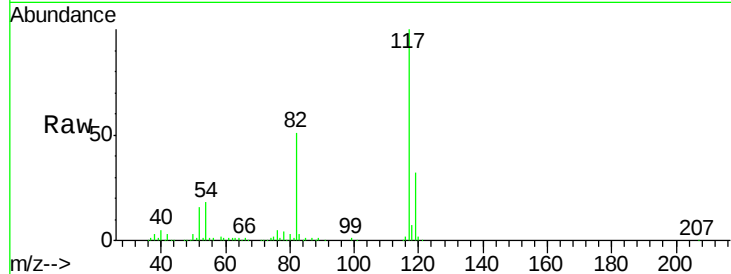
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061757.D
Acq: 11 Jun 2020 19:10

Instrument :
MSVOA_N
ClientSampleId :
RE132D1-20200608

Tot Ion	Ratio	Resp	Lower	Upper
117	100	465888		
82	51.4		41.5	62.3
119	32.4		25.6	38.4

Manual Integrations
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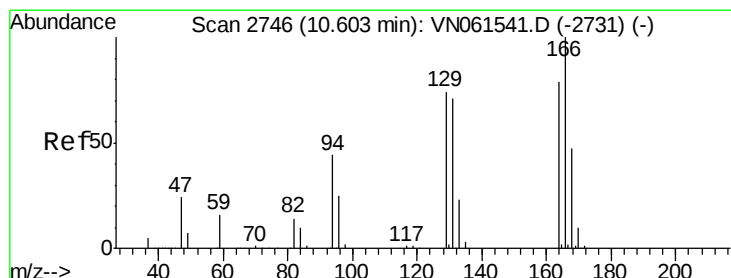
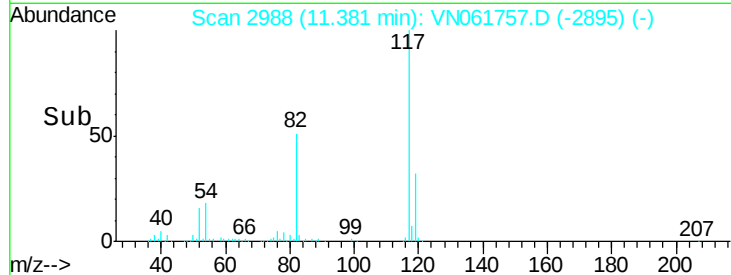
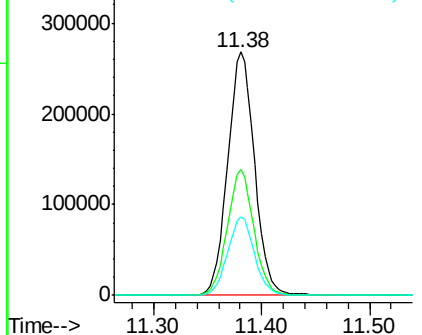


Abundance

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



#64
Tetrachloroethene
Concen: 2.640 ug/l
RT: 10.61 min Scan# 2747
Delta R.T. 0.00 min
Lab File: VN061757.D
Acq: 11 Jun 2020 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	11578		
166	133.4		101.5	152.3
129	85.7		74.9	112.3
131	90.7		72.2	108.2

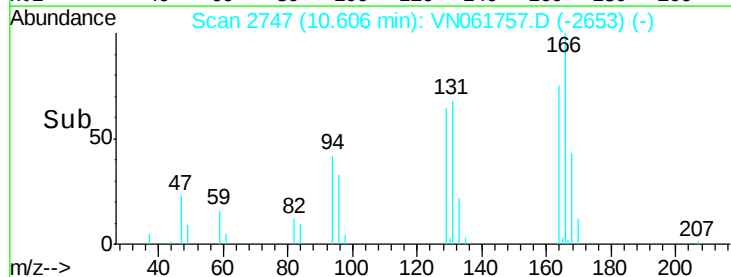
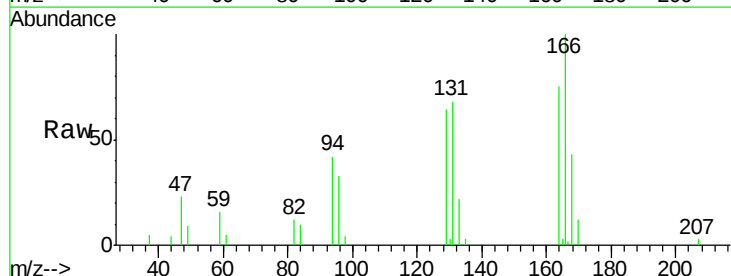
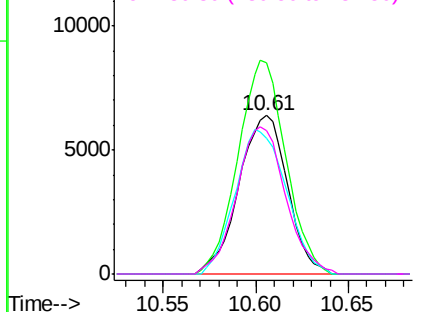
Abundance

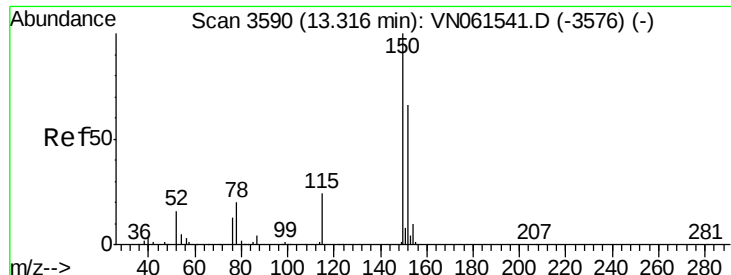
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061757.D

Acq: 11 Jun 2020 19:10

Instrument :

MSVOA_N

ClientSampleId :

RE132D1-20200608

Tot Ion:	152	Resp:	203026
Ion Ratio		Lower	Upper
152	100		
115	56.4	28.0	84.0
150	159.8	0.0	344.0

Manual Integrations
APPROVED

MMDadoda
6/12/2020 5:46:17 PM

