

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061120\
 Data File : VN061755.D
 Acq On : 11 Jun 2020 18:24
 Operator : JC/MD
 Sample : L2988-22
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE131D3-20200609

Manual Integrations
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 6/12/2020 5:46:14 PM

Quant Time: Jun 12 06:13:50 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	272498	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	465006	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	458861	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	204688	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	155942	48.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.06%	
35) Dibromofluoromethane	7.55	113	130814	55.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.92%	
50) Toluene-d8	10.06	98	556214	50.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.76%	
62) 4-Bromofluorobenzene	12.38	95	193961	48.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.26%	
Target Compounds						
2) Dichlorodifluoromethane	1.83	85	622	1.341	ug/l	74
9) 1,1,2-Trichlorotrifluoroet	3.72	101	845207	324.298	ug/l	97
12) 1,1-Dichloroethene	3.71	96	5301	1.904	ug/l #	74
27) cis-1,2-Dichloroethene	6.79	96	2814m	0.791	ug/l	
44) Trichloroethene	8.80	130	73450	18.817	ug/l	96
64) Tetrachloroethene	10.60	164	24912	5.768	ug/l	98

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

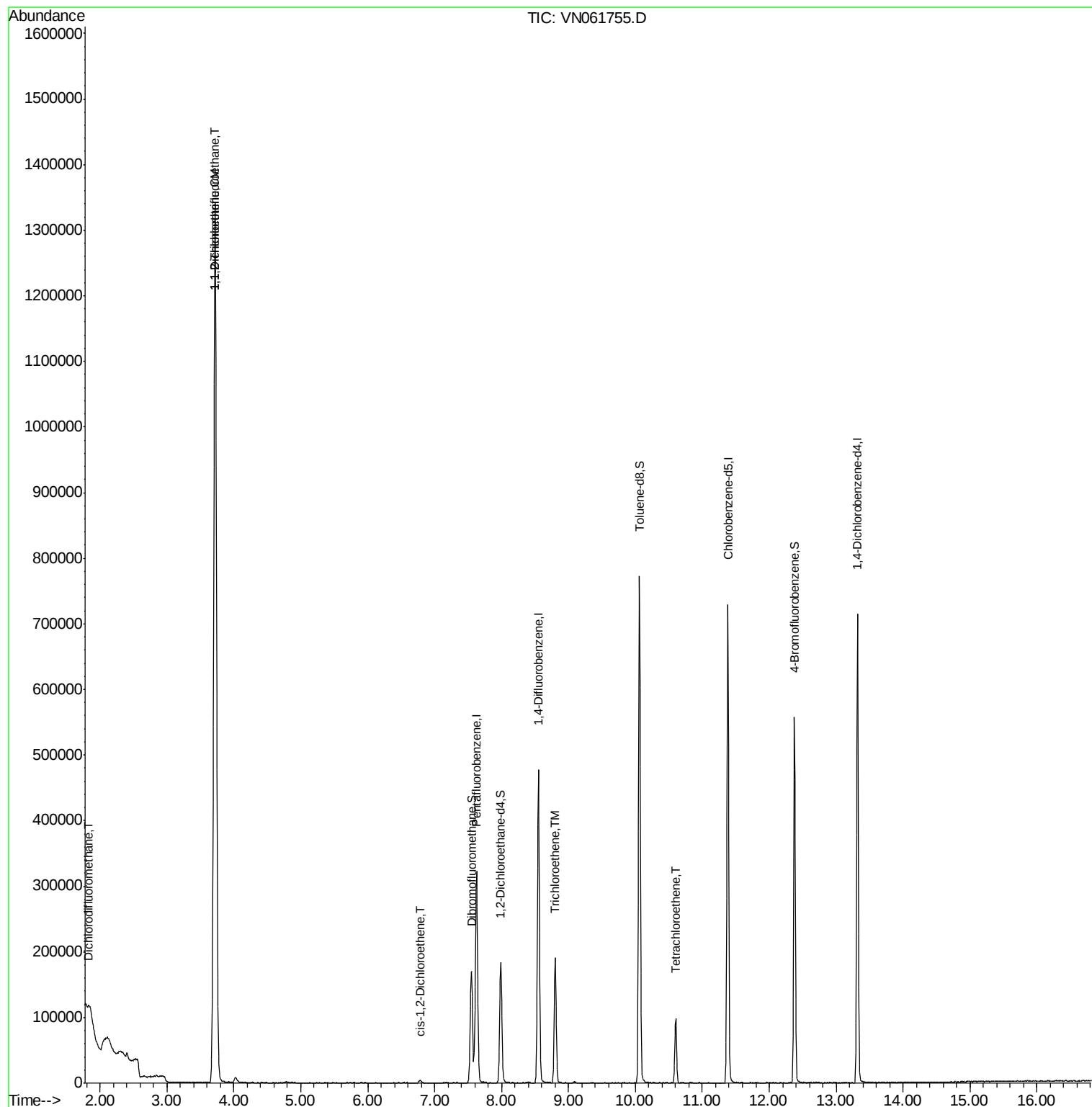
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061120\
Data File : VN061755.D
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ALS Vial : 15 Sample Multiplier: 1

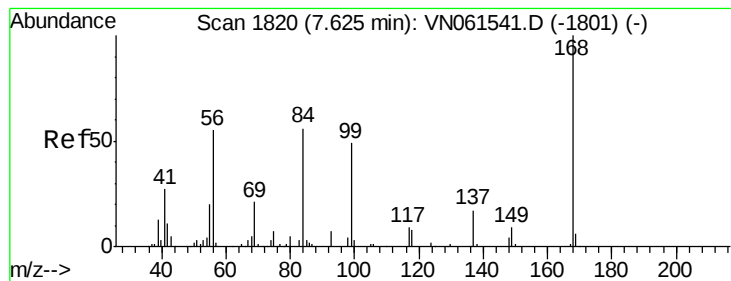
Instrument :
MSVOA_N
ClientSampleId :
RE131D3-20200609

Manual Integrations
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6/12/2020 5:46:14 PM

Quant Time: Jun 12 06:13:50 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: VN061755.D

Acq: 11 Jun 2020 18:24

Instrument :

MSVOA_N

ClientSampleId :

RE131D3-20200609

Tot Ion:168 Resp: 272498

Ion Ratio Lower Upper

168 100

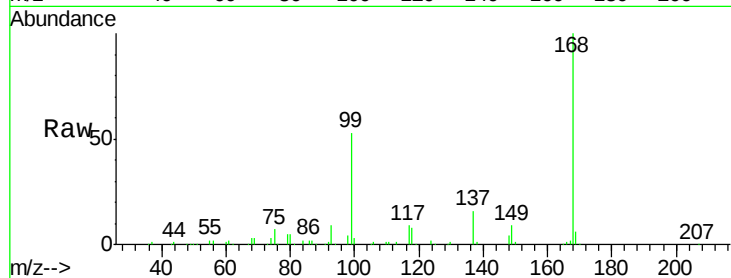
99 52.5 45.0 67.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

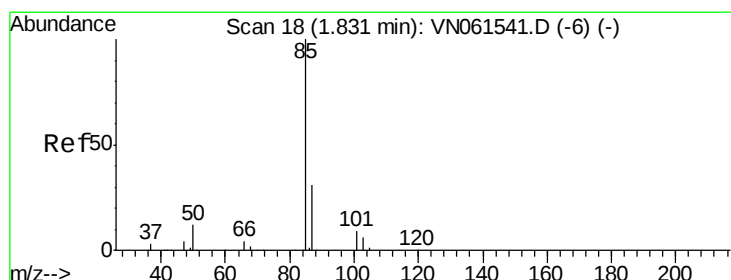
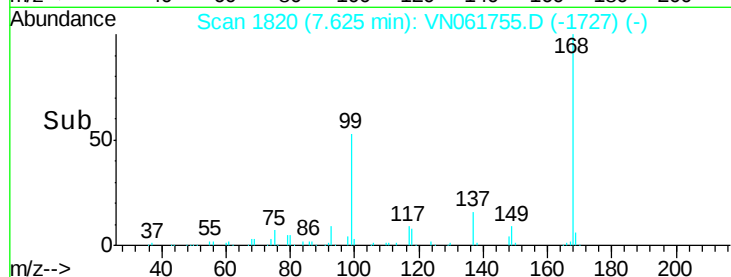
7.63

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 1.341 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061755.D

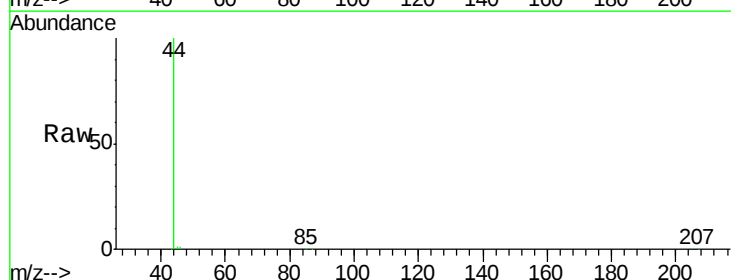
Acq: 11 Jun 2020 18:24

Tgt Ion: 85 Resp: 622

Ion Ratio Lower Upper

85 100

87 45.3 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

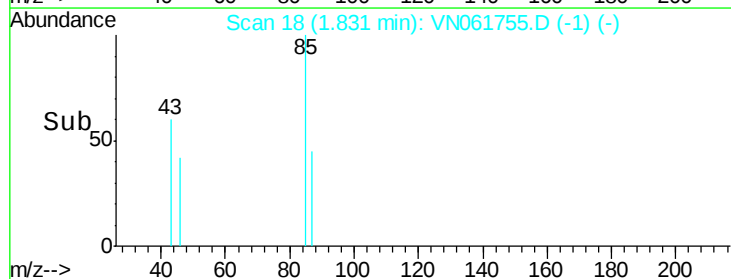
600

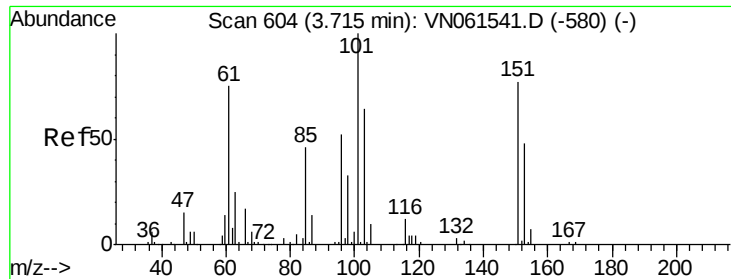
400

200

0

Time--> 1.80 1.82 1.84 1.86





#9

1,1,2-Trichlorotrifluoroethane

Concen: 324.298 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN061755.D

Acq: 11 Jun 2020 18:24

Instrument :

MSVOA_N

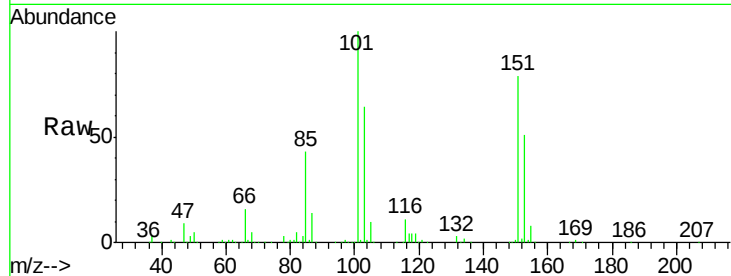
ClientSampleId :

RE131D3-20200609

Tot Ion:	101	Resp:	845207
Ion Ratio	Lower	Upper	
101	100		
85	43.2	35.2	52.8
151	79.5	61.0	91.6

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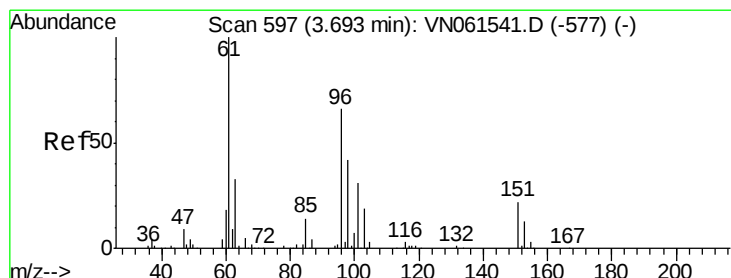
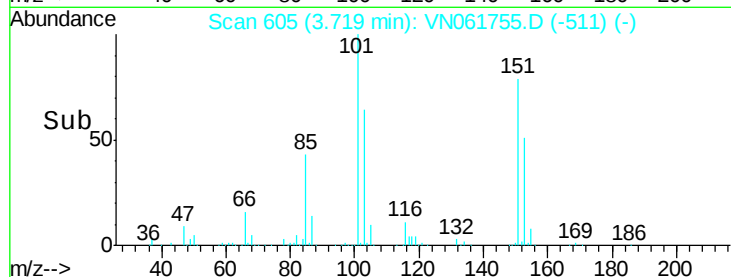
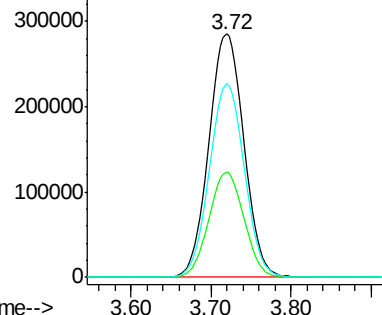
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Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VNO

Ion 150.80 (150.50 to 151.50): V



#12

1,1-Dichloroethene

Concen: 1.904 ug/l

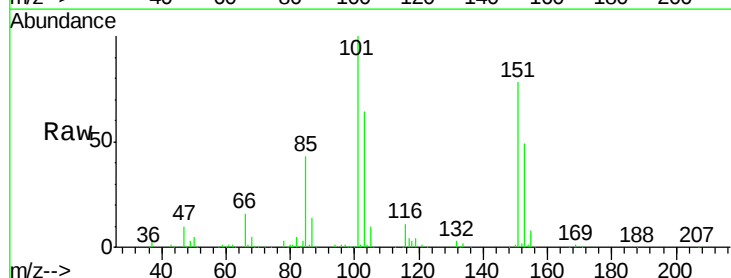
RT: 3.71 min Scan# 603

Delta R.T. 0.02 min

Lab File: VN061755.D

Acq: 11 Jun 2020 18:24

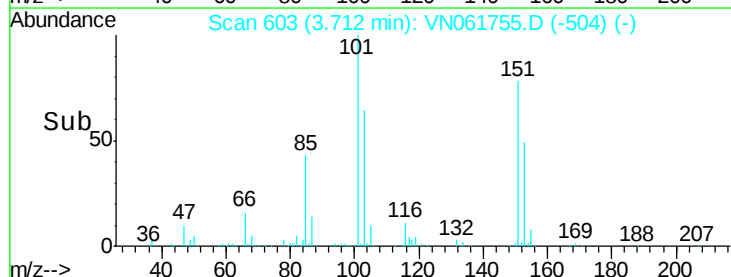
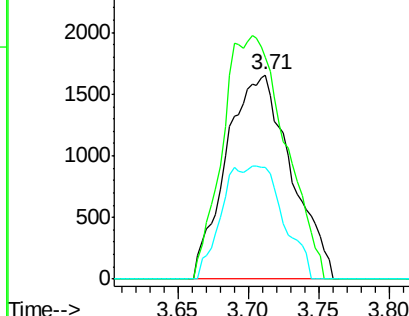
Tgt Ion:	96	Resp:	5301
Ion Ratio	Lower	Upper	
96	100		
61	108.7	120.5	180.7#
98	54.8	50.8	76.2

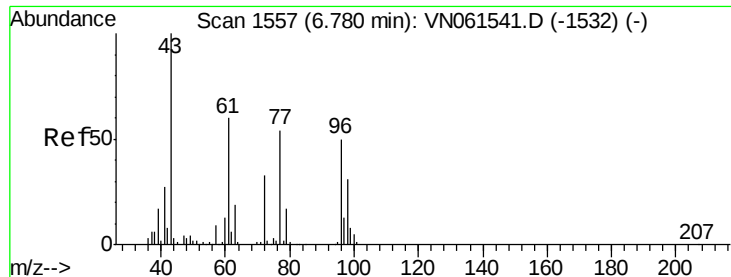


Abundance Ion 95.90 (95.60 to 96.60): VNO

Ion 60.90 (60.60 to 61.60): VNO

Ion 97.90 (97.60 to 98.60): VNO





#27

cis-1,2-Dichloroethene

Concen: 0.791 ug/l m

RT: 6.79 min Scan# 1559

Delta R.T. 0.01 min

Lab File: VN061755.D

Acq: 11 Jun 2020 18:24

Instrument :

MSVOA_N

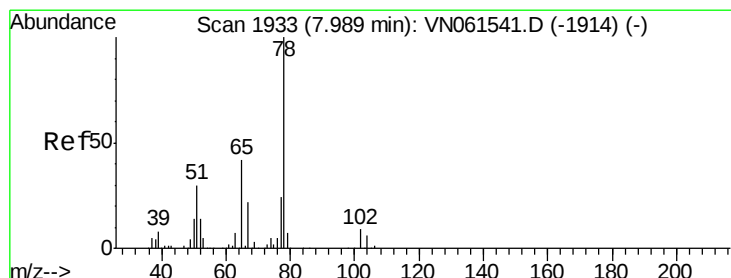
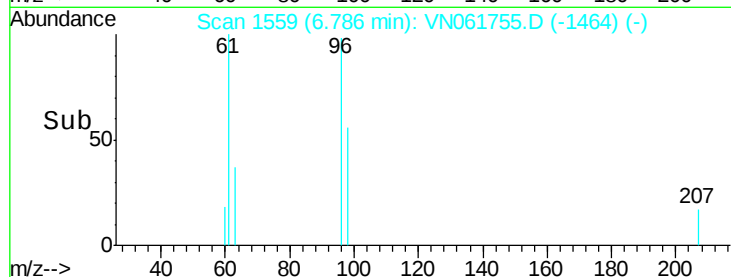
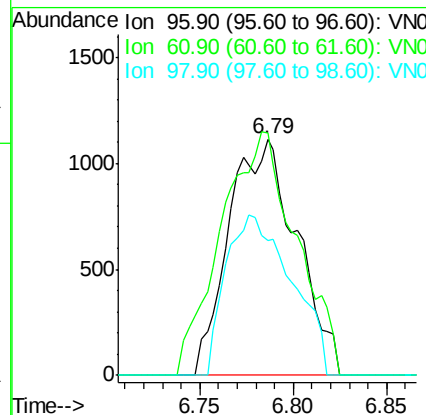
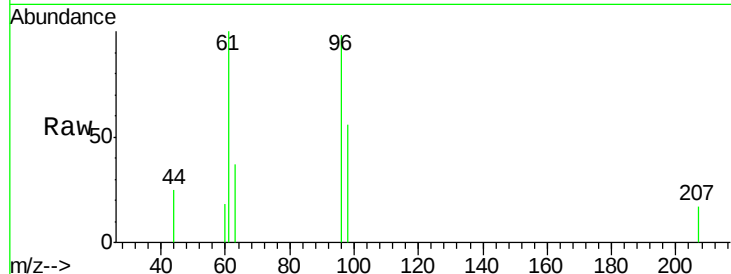
ClientSampleId :

RE131D3-20200609

Tot Ion:	96	Resp:	2814
Ion	Ratio	Lower	Upper
96	100		
61	114.2	0.0	252.2
98	65.7	0.0	129.2

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#33

1,2-Dichloroethane-d4

Concen: 48.032 ug/l

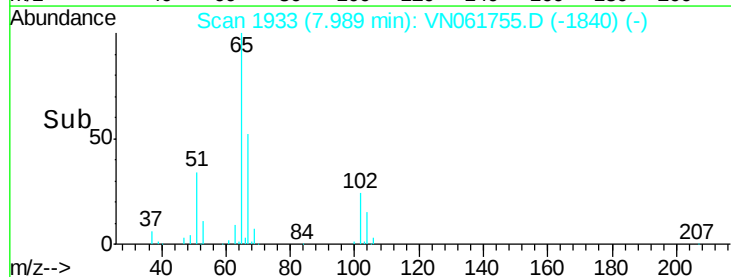
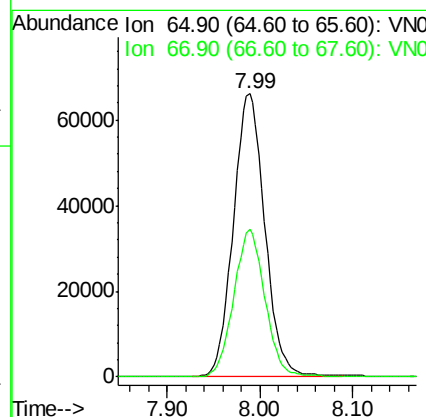
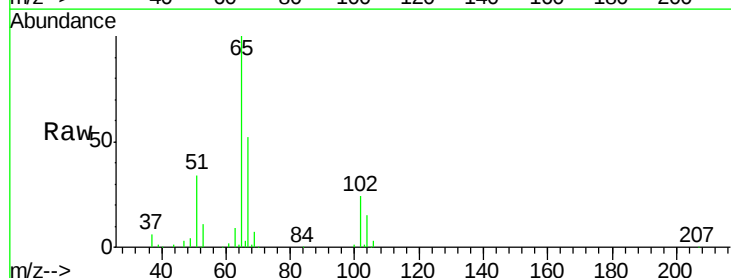
RT: 7.99 min Scan# 1933

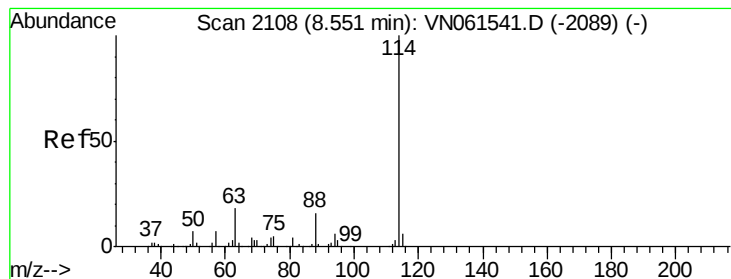
Delta R.T. 0.00 min

Lab File: VN061755.D

Acq: 11 Jun 2020 18:24

Tgt Ion:	65	Resp:	155942
Ion	Ratio	Lower	Upper
65	100		
67	51.6	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: VN061755.D

Acq: 11 Jun 2020 18:24

Instrument :

MSVOA_N

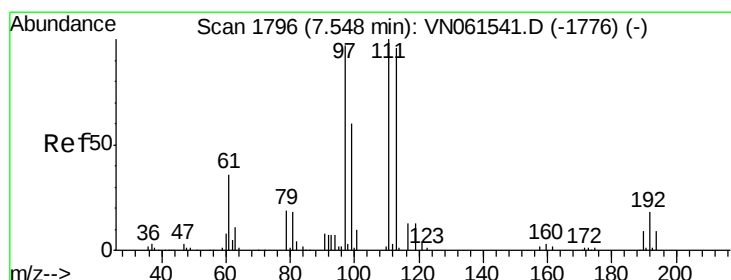
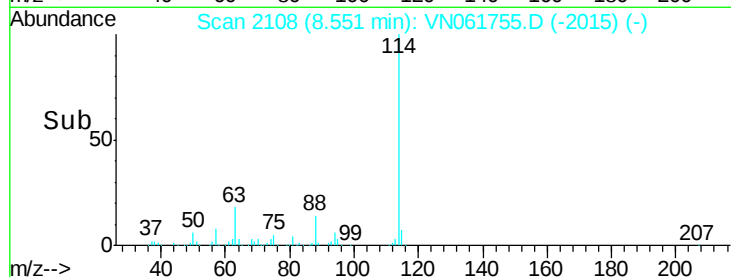
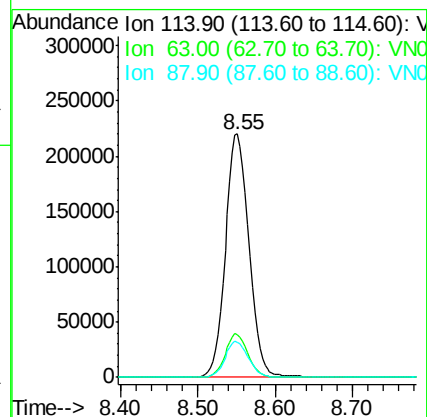
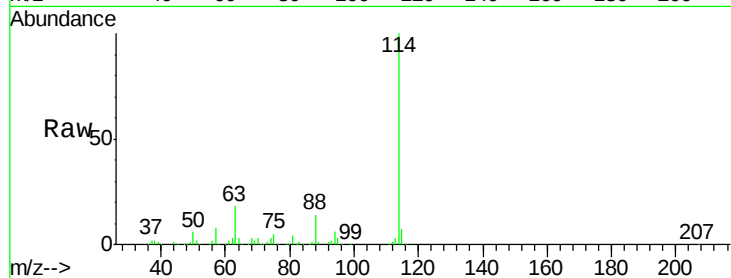
ClientSampleId :

RE131D3-20200609

Tot Ion	Ratio	Resp	Lower	Upper
114	100	465006		
63	17.7	0.0	35.8	
88	14.5	0.0	31.0	

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#35

Dibromofluoromethane

Concen: 55.456 ug/l

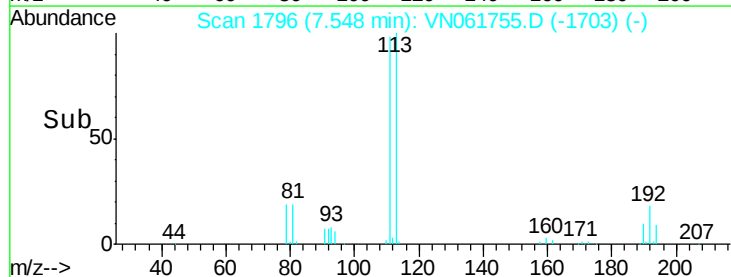
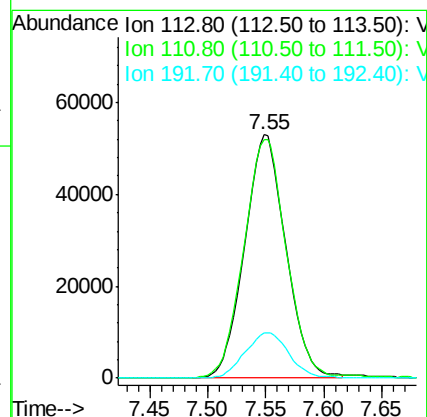
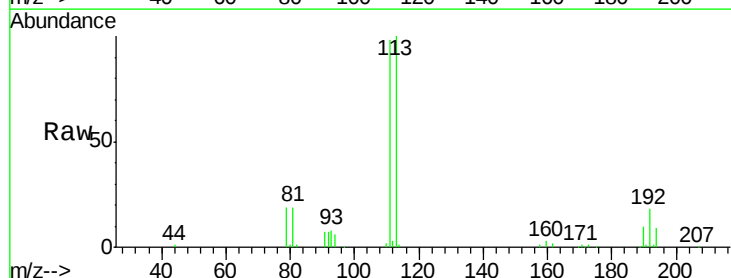
RT: 7.55 min Scan# 1796

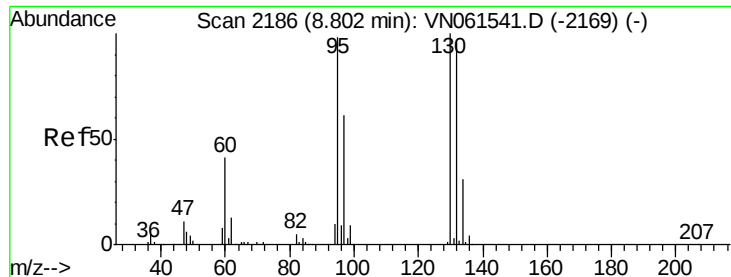
Delta R.T. 0.00 min

Lab File: VN061755.D

Acq: 11 Jun 2020 18:24

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	130814		
111	101.3	83.4	125.0	
192	19.9	15.4	23.2	





#44

Trichloroethene

Concen: 18.817 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VN061755.D

Acq: 11 Jun 2020 18:24

Instrument :

MSVOA_N

ClientSampleId :

RE131D3-20200609

Tot Ion:130 Resp: 73450

Ion Ratio Lower Upper

130 100

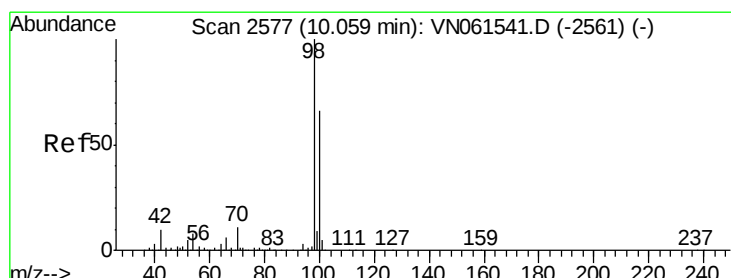
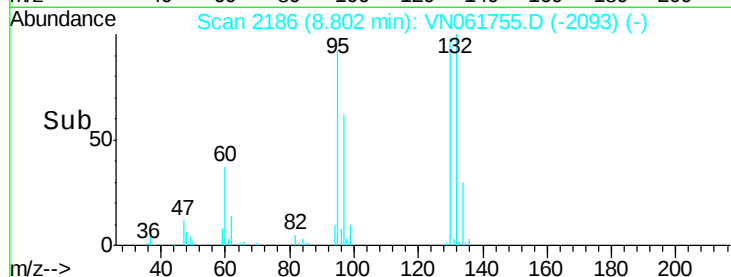
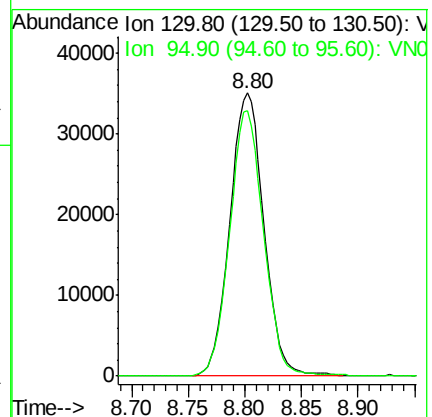
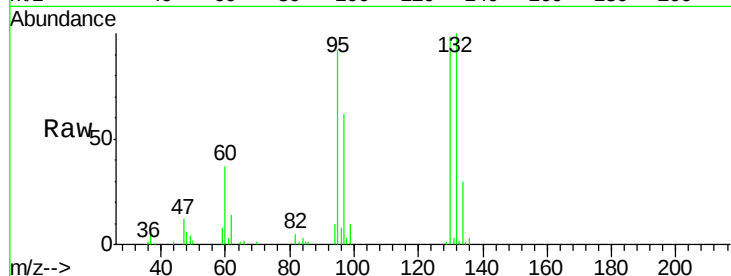
95 94.0 0.0 196.6

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#50

Toluene-d8

Concen: 50.882 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061755.D

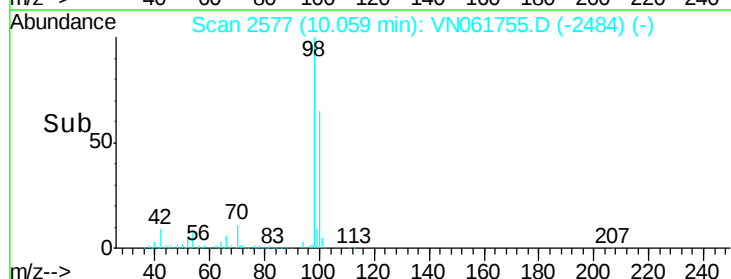
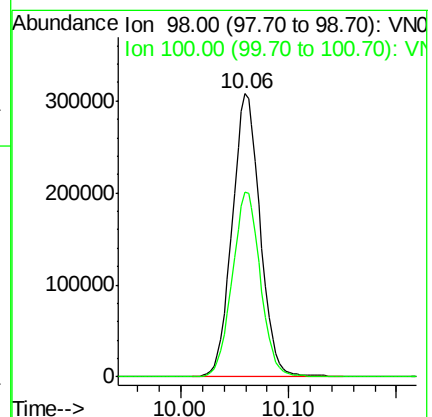
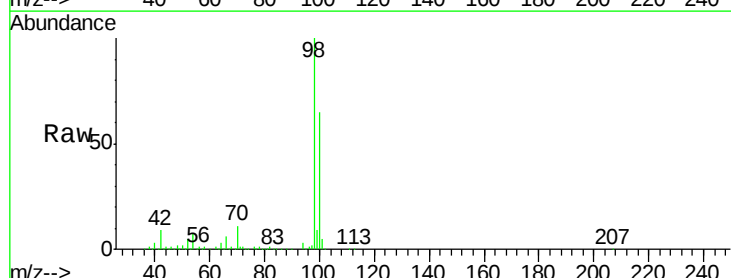
Acq: 11 Jun 2020 18:24

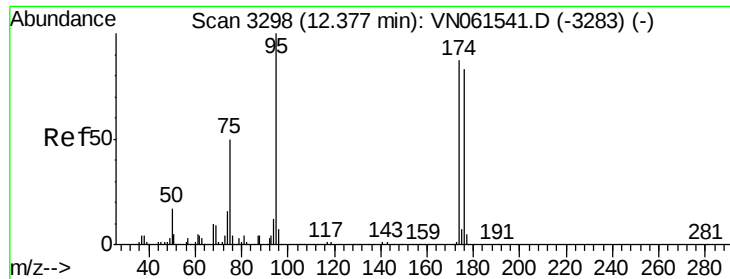
Tgt Ion: 98 Resp: 556214

Ion Ratio Lower Upper

98 100

100 65.9 52.8 79.2





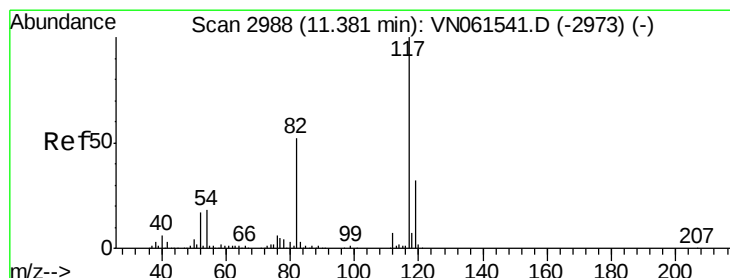
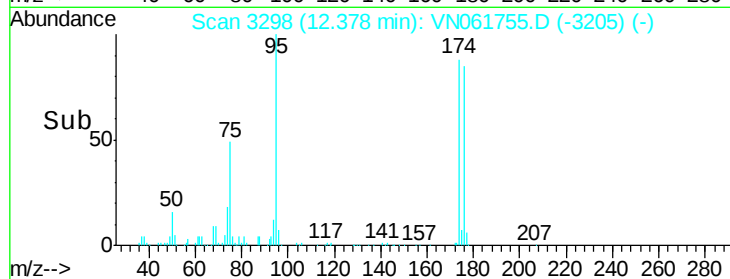
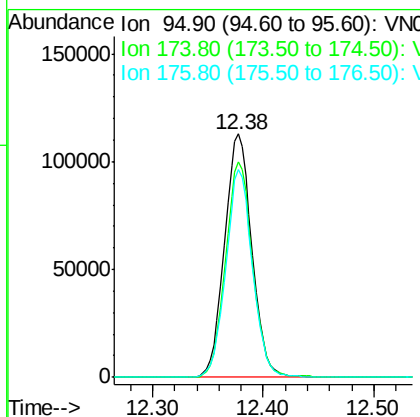
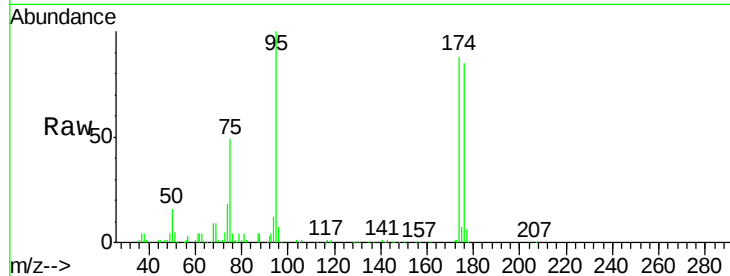
#62
4-Bromofluorobenzene
Concen: 48.634 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN061755.D
Acq: 11 Jun 2020 18:24

Instrument :
MSVOA_N
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
95	100	193961		
174	87.6	0.0	172.8	
176	83.2	0.0	164.8	

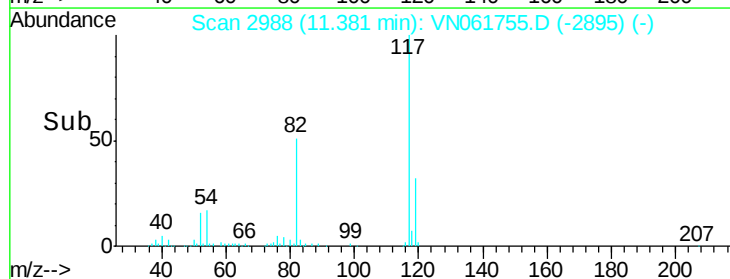
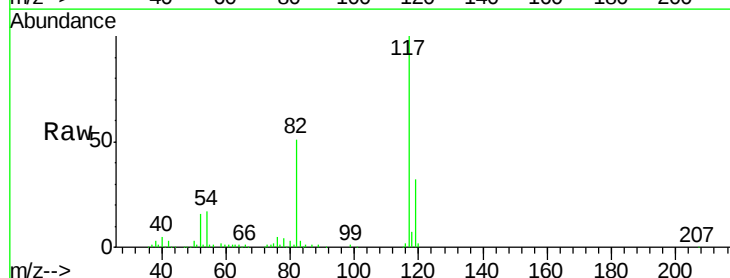
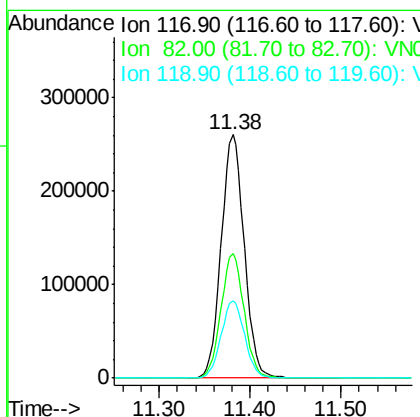
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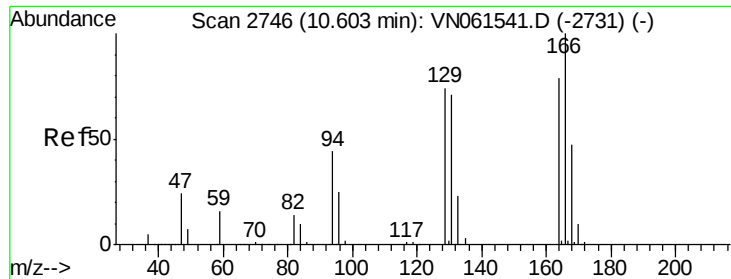
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061755.D
Acq: 11 Jun 2020 18:24

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	458861		
82	51.0	41.5	62.3	
119	31.8	25.6	38.4	





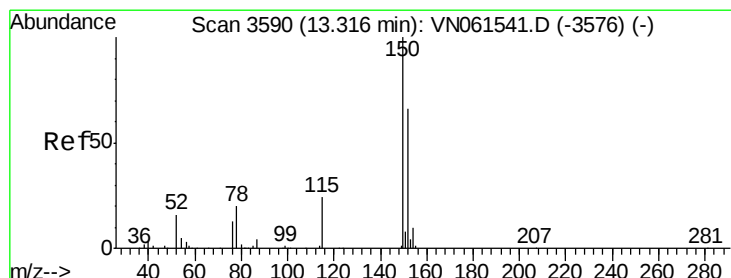
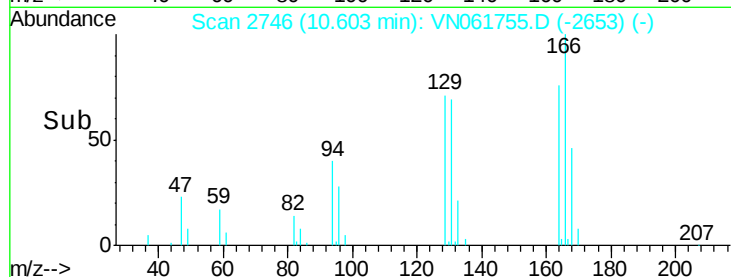
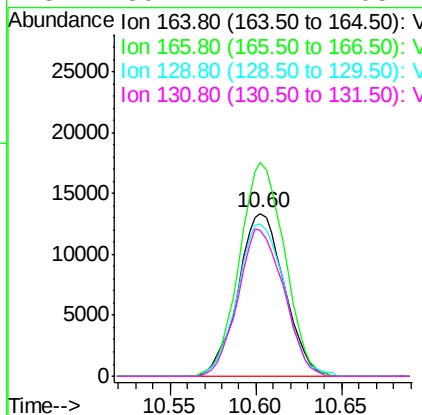
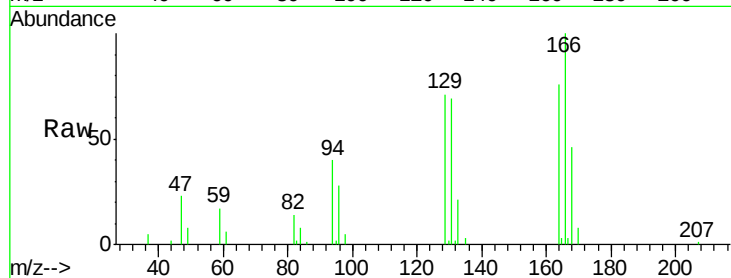
#64
 Tetrachloroethene
 Concen: 5.768 ug/l
 RT: 10.60 min Scan# 2746
 Delta R.T. 0.00 min
 Lab File: VN061755.D
 Acq: 11 Jun 2020 18:24

Instrument :
 MSVOA_N
 ClientSampleId :
 RE131D3-20200609

Tot Ion:	164	Resp:	24912
Ion Ratio	Lower	Upper	
164	100		
166	130.9	101.5	152.3
129	93.5	74.9	112.3
131	89.7	72.2	108.2

Manual Integrations
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#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.32 min Scan# 3591
 Delta R.T. 0.00 min
 Lab File: VN061755.D
 Acq: 11 Jun 2020 18:24

Tgt Ion:	152	Resp:	204688
Ion Ratio	Lower	Upper	
152	100		
115	55.7	28.0	84.0
150	156.7	0.0	344.0

