

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN062220\
 Data File : VN062007.D
 Acq On : 22 Jun 2020 18:19
 Operator : JC/MD
 Sample : L3043-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE103D1-20200616

Quant Time: Jun 23 14:44:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

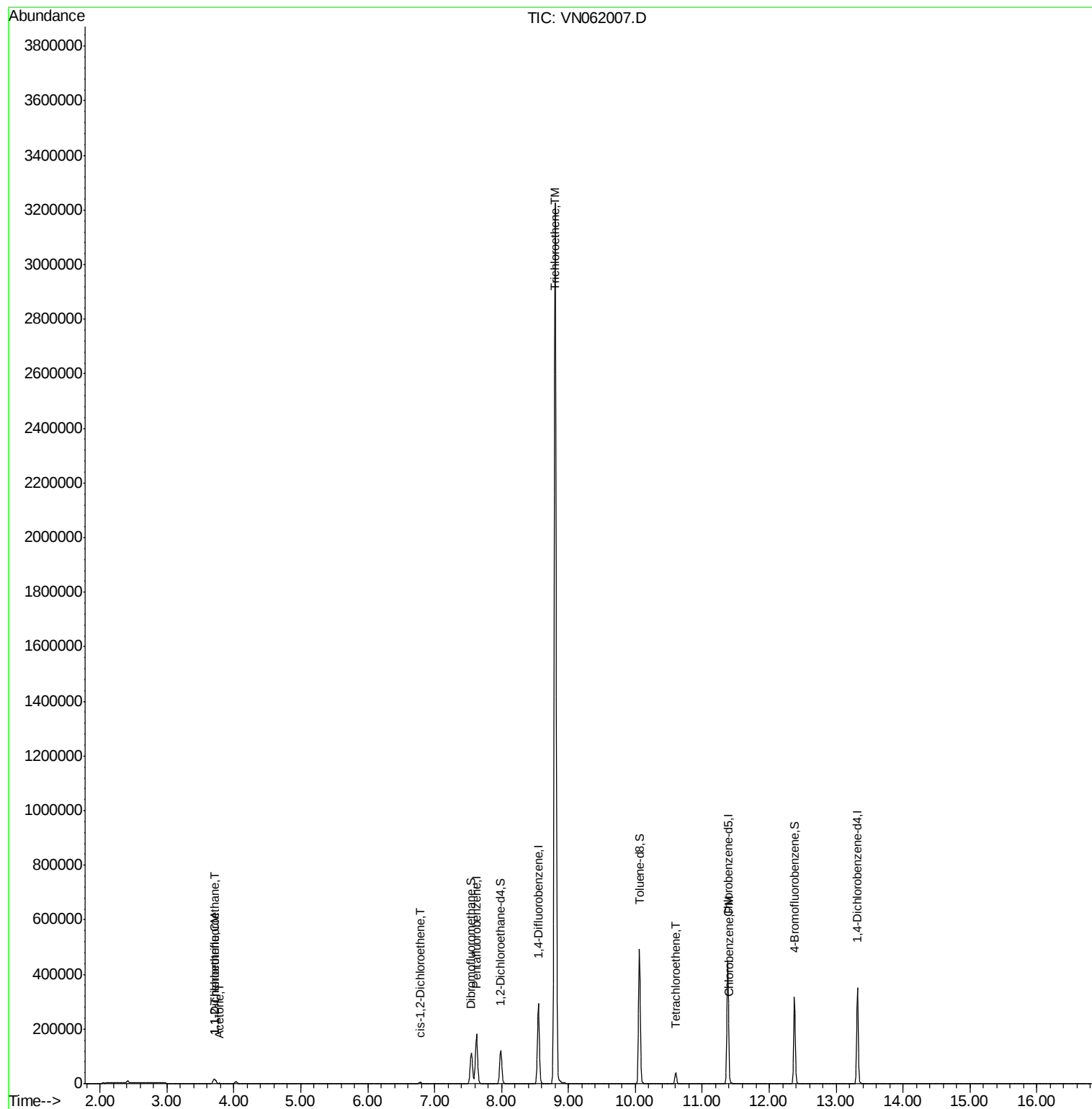
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	143627	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	269013	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	263144	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	97305	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	101973	52.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.88%	
35) Dibromofluoromethane	7.55	113	87681	50.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.90%	
50) Toluene-d8	10.06	98	347613	51.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.76%	
62) 4-Bromofluorobenzene	12.38	95	110814	47.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.50%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	3.72	101	8441	5.796	ug/l	95
12) 1,1-Dichloroethene	3.70	96	4602	3.154	ug/l	96
16) Acetone	3.78	43	2972	5.223	ug/l	97
27) cis-1,2-Dichloroethene	6.79	96	3581	1.852	ug/l	85
44) Trichloroethene	8.80	130	1179650	603.054	ug/l	99
64) Tetrachloroethene	10.60	164	9645	5.751	ug/l	94
65) Chlorobenzene	11.41	112	1753	0.316	ug/l #	82

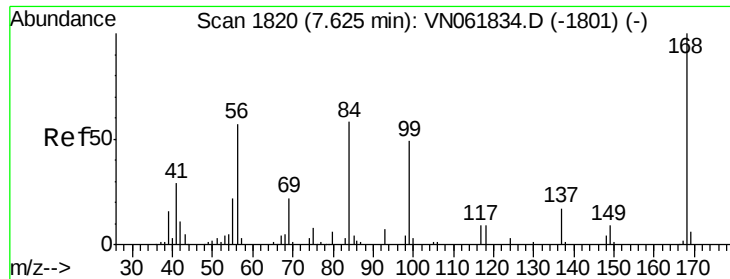
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN062220\
Data File : VN062007.D
Acq On : 22 Jun 2020 18:19
Operator : JC/MD
Sample : L3043-04
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
RE103D1-20200616

Quant Time: Jun 23 14:44:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 17 01:19:44 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: VN062007.D

Acq: 22 Jun 2020 18:19

Instrument :

MSVOA_N

ClientSampleId :

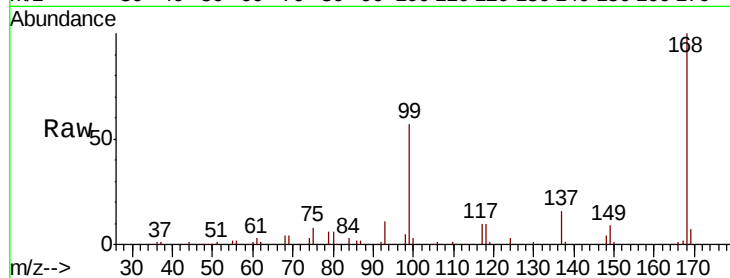
RE103D1-20200616

Tot Ion:168 Resp: 143627

Ion Ratio Lower Upper

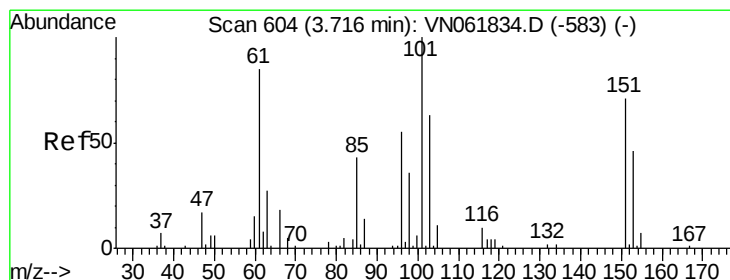
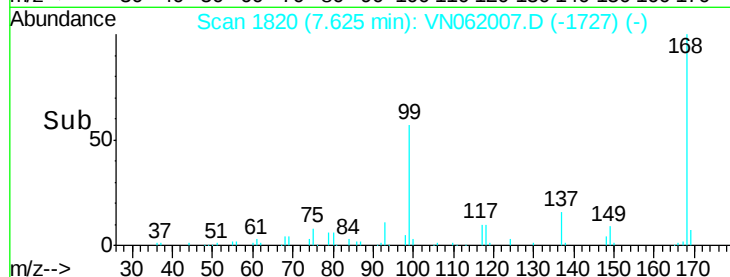
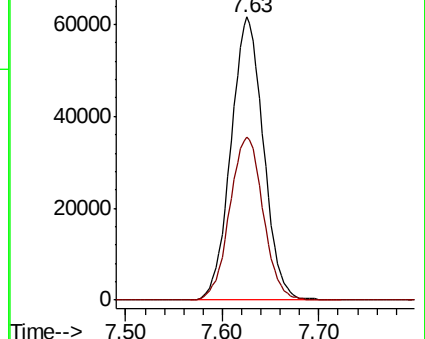
168 100

99 57.5 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.796 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN062007.D

Acq: 22 Jun 2020 18:19

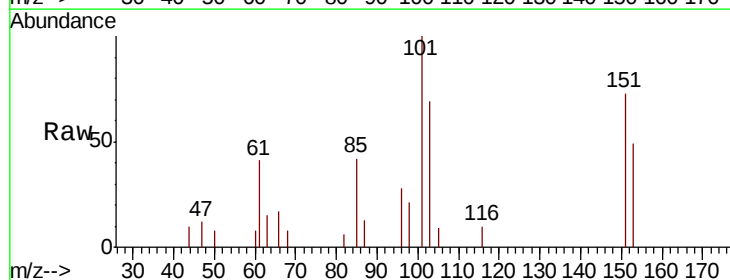
Tgt Ion:101 Resp: 8441

Ion Ratio Lower Upper

101 100

85 39.9 35.0 52.6

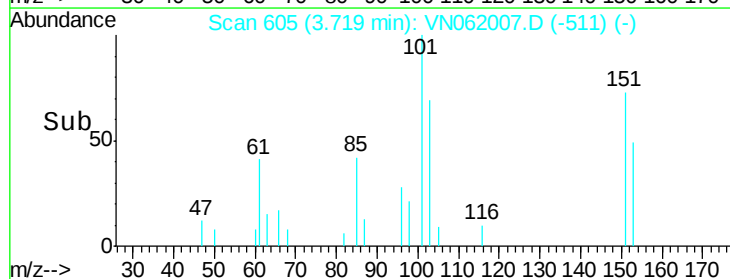
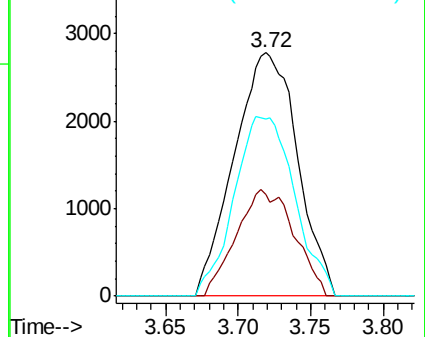
151 70.3 59.2 88.8

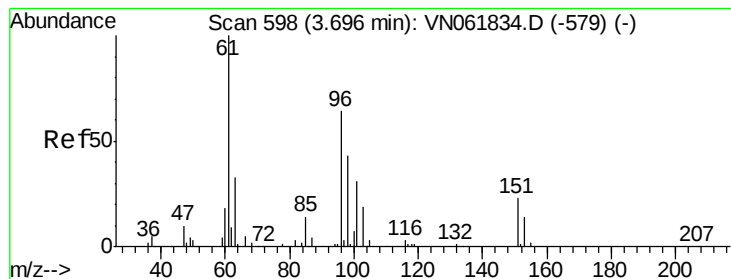


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V





#12

1,1-Dichloroethene

Concen: 3.154 ug/l

RT: 3.70 min Scan# 599

Delta R.T. 0.00 min

Lab File: VN062007.D

Acq: 22 Jun 2020 18:19

Instrument :

MSVOA_N

ClientSampleId :

RE103D1-20200616

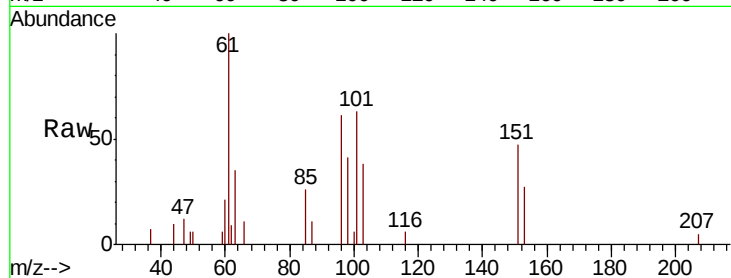
Tot Ion: 96 Resp: 4602

Ion Ratio Lower Upper

96 100

61 163.3 124.3 186.5

98 66.6 53.1 79.7

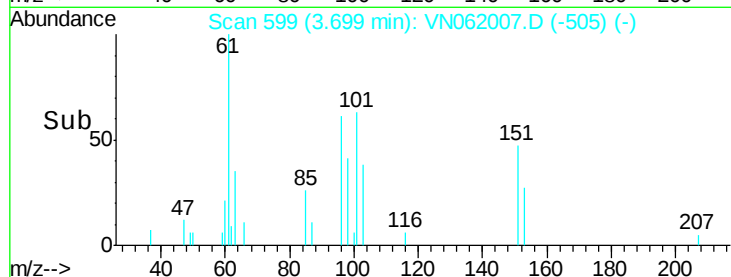


Abundance Ion 95.90 (95.60 to 96.60): VN061834.D (-579) (-)

Ion 60.90 (60.60 to 61.60): VN061834.D (-579) (-)

Ion 97.90 (97.60 to 98.60): VN061834.D (-579) (-)

Time-->

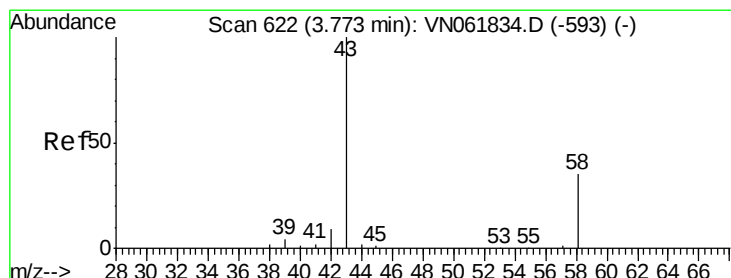


Abundance Ion 95.90 (95.60 to 96.60): VN062007.D (-505) (-)

Ion 60.90 (60.60 to 61.60): VN062007.D (-505) (-)

Ion 97.90 (97.60 to 98.60): VN062007.D (-505) (-)

Time-->



#16

Acetone

Concen: 5.223 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN062007.D

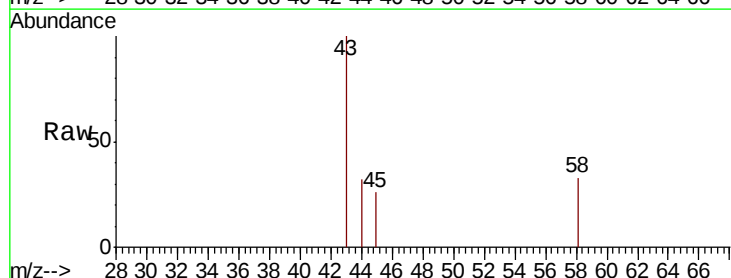
Acq: 22 Jun 2020 18:19

Tgt Ion: 43 Resp: 2972

Ion Ratio Lower Upper

43 100

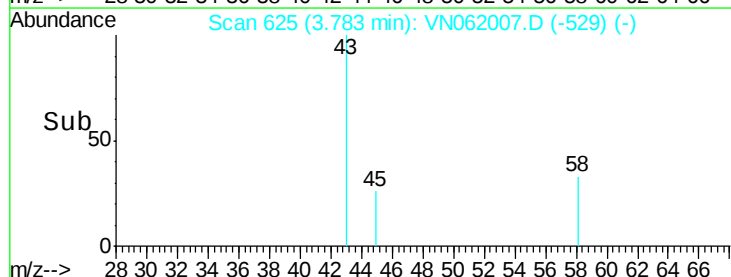
58 33.1 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-593) (-)

Ion 58.00 (57.70 to 58.70): VN061834.D (-593) (-)

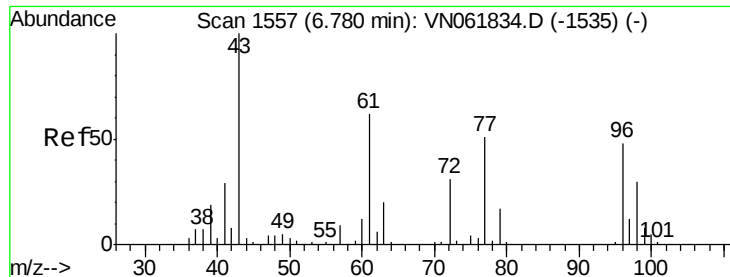
Time-->



Abundance Ion 43.00 (42.70 to 43.70): VN062007.D (-529) (-)

Ion 58.00 (57.70 to 58.70): VN062007.D (-529) (-)

Time-->



#27

cis-1,2-Dichloroethene

Concen: 1.852 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. 0.01 min

Lab File: VN062007.D

Acq: 22 Jun 2020 18:19

Instrument :

MSVOA_N

ClientSampleId :

RE103D1-20200616

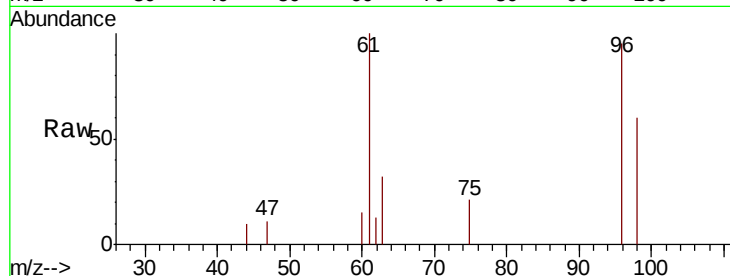
Tot Ion: 96 Resp: 3581

Ion Ratio Lower Upper

96 100

61 109.4 0.0 265.6

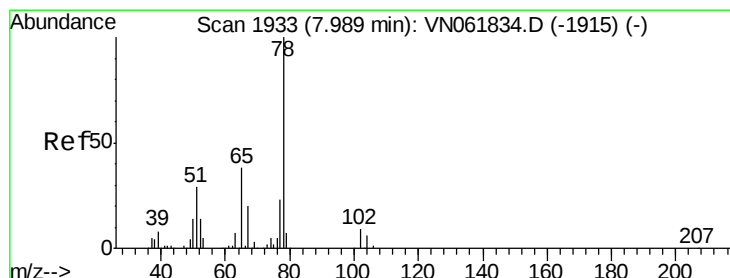
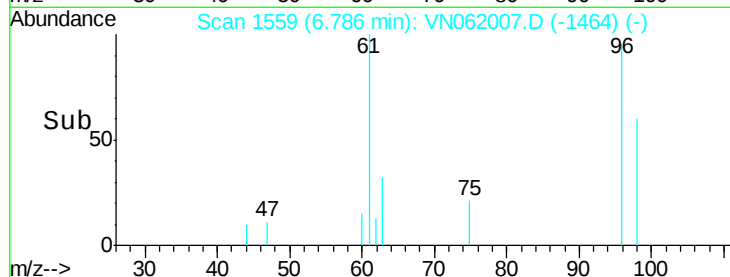
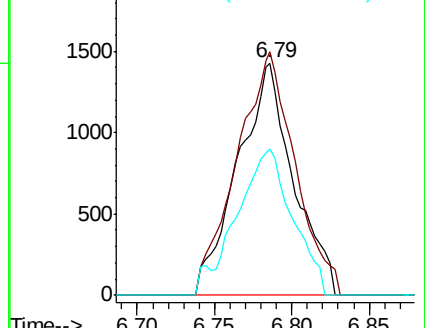
98 60.7 0.0 128.2



Abundance Ion 95.90 (95.60 to 96.60): VN061834.D (-1535) (-)

Ion 60.90 (60.60 to 61.60): VN061834.D (-1535) (-)

Ion 97.90 (97.60 to 98.60): VN061834.D (-1535) (-)



#33

1,2-Dichloroethane-d4

Concen: 52.939 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN062007.D

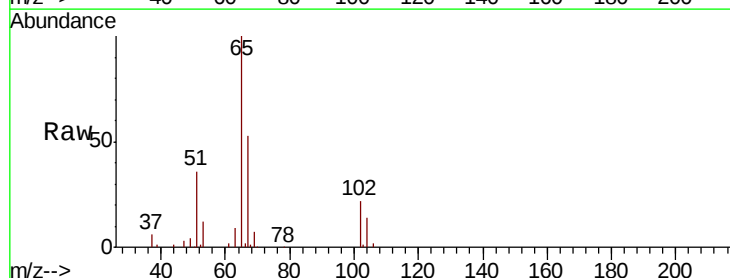
Acq: 22 Jun 2020 18:19

Tgt Ion: 65 Resp: 101973

Ion Ratio Lower Upper

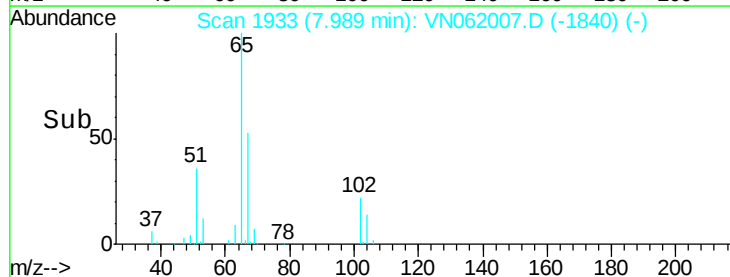
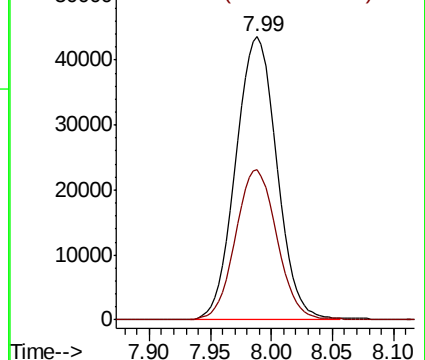
65 100

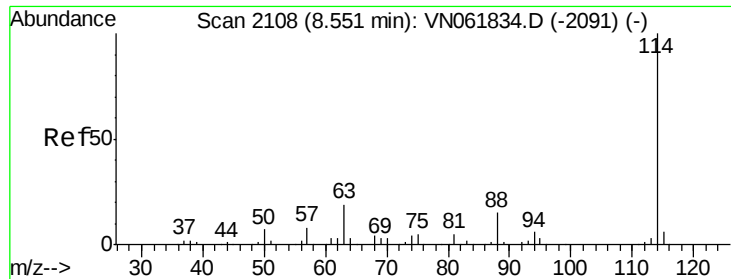
67 53.4 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VN061834.D (-1915) (-)

Ion 66.90 (66.60 to 67.60): VN061834.D (-1915) (-)

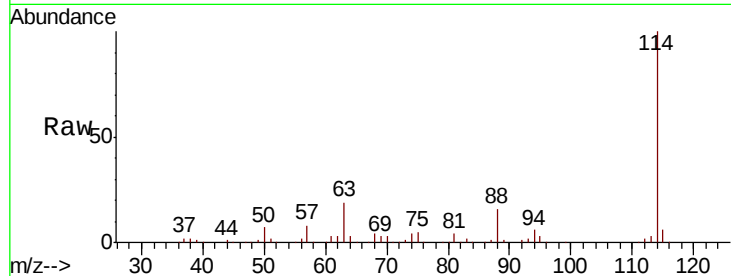




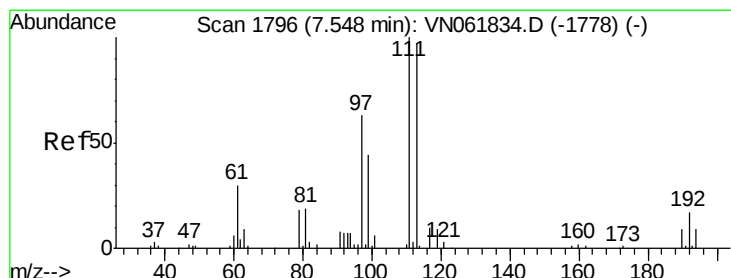
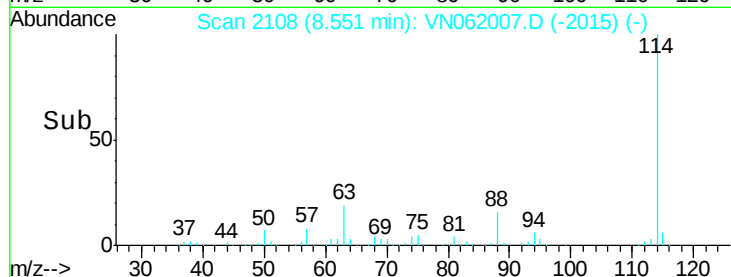
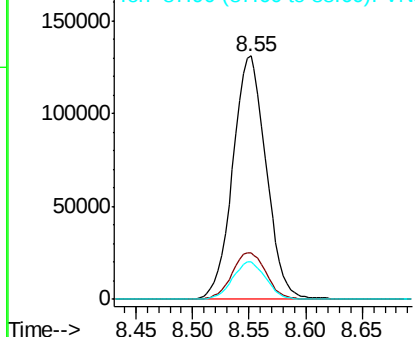
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. -0.00 min
Lab File: VN062007.D
Acq: 22 Jun 2020 18:19

Instrument :
MSVOA_N
ClientSampleId :
RE103D1-20200616

Tot Ion:114 Resp: 269013
Ion Ratio Lower Upper
114 100
63 19.0 0.0 37.6
88 15.6 0.0 31.0

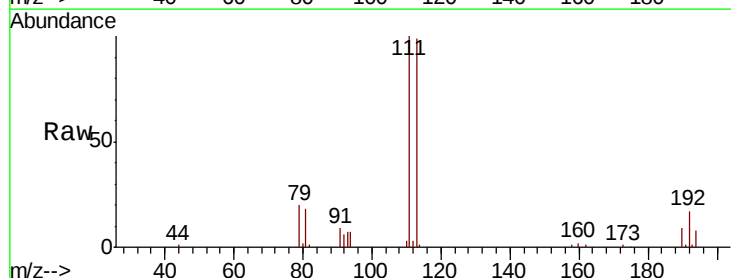


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

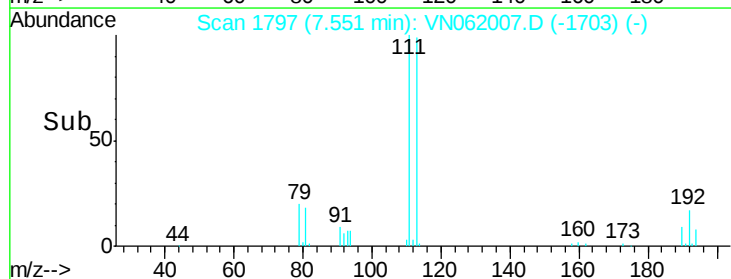
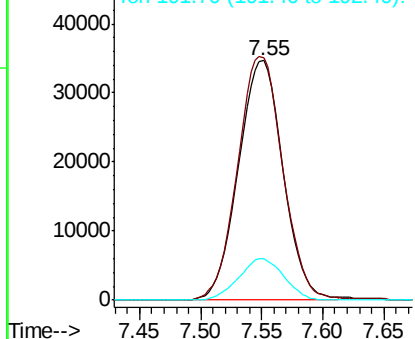


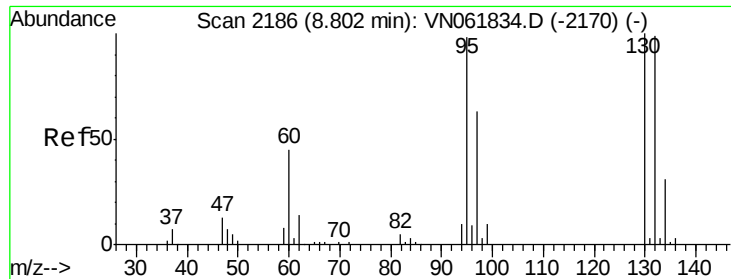
#35
Dibromofluoromethane
Concen: 50.948 ug/l
RT: 7.55 min Scan# 1797
Delta R.T. 0.00 min
Lab File: VN062007.D
Acq: 22 Jun 2020 18:19

Tgt Ion:113 Resp: 87681
Ion Ratio Lower Upper
113 100
111 103.0 83.7 125.5
192 17.5 13.9 20.9



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

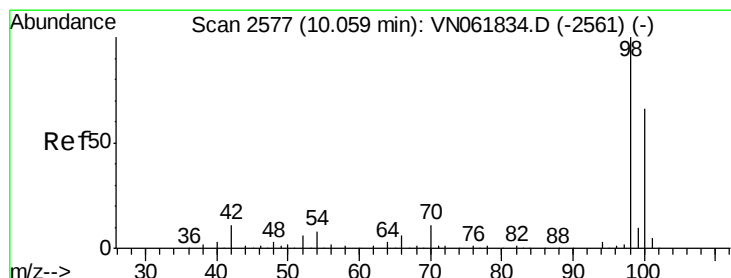
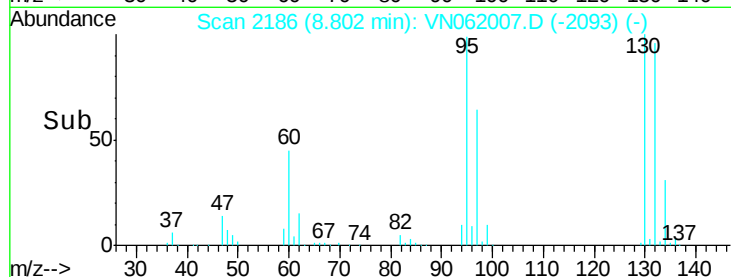
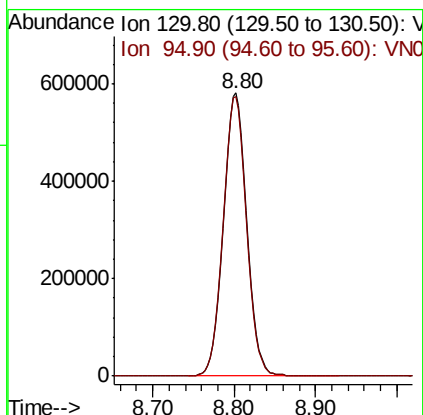
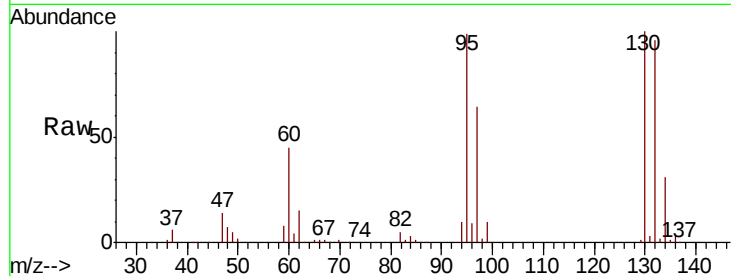




#44
 Trichloroethene
 Concen: 603.054 ug/l
 RT: 8.80 min Scan# 2186
 Delta R.T. -0.00 min
 Lab File: VN062007.D
 Acq: 22 Jun 2020 18:19

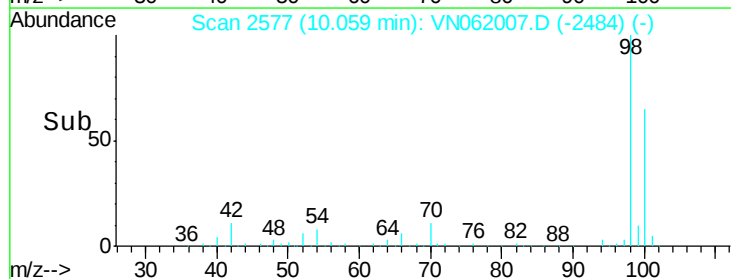
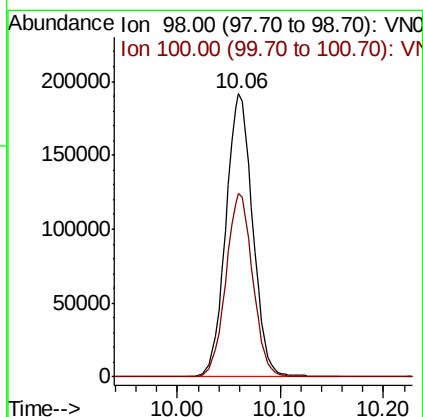
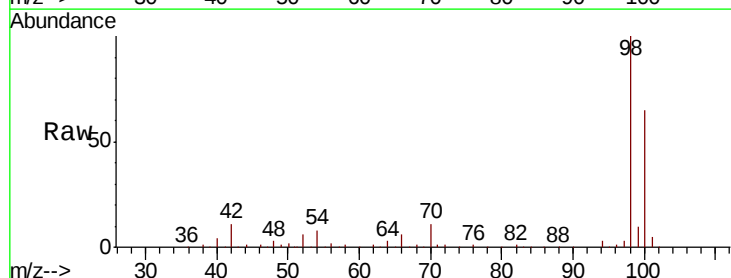
Instrument :
 MSVOA_N
 ClientSampleId :
 RE103D1-20200616

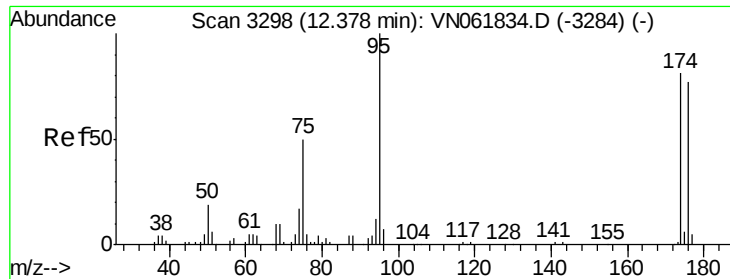
Tot Ion:130 Resp: 1179650
 Ion Ratio Lower Upper
 130 100
 95 99.0 0.0 195.6



#50
 Toluene-d8
 Concen: 51.377 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: VN062007.D
 Acq: 22 Jun 2020 18:19

Tgt Ion: 98 Resp: 347613
 Ion Ratio Lower Upper
 98 100
 100 64.7 52.7 79.1

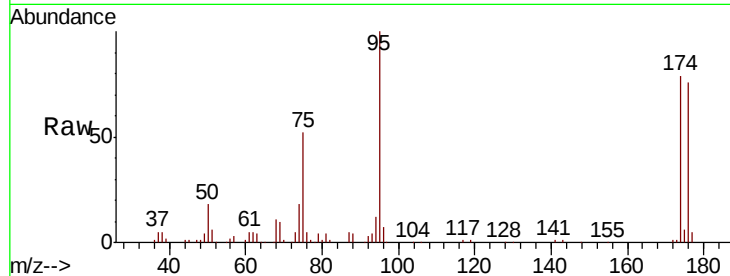




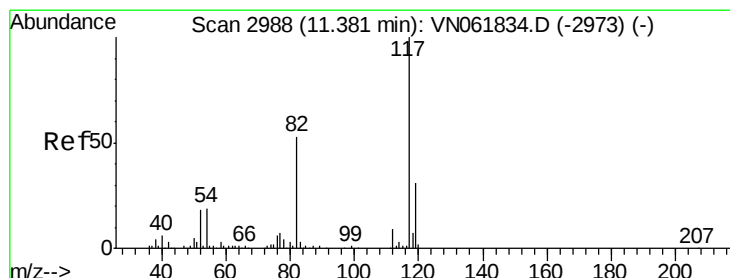
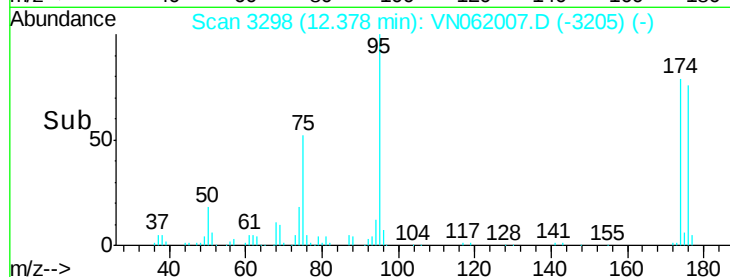
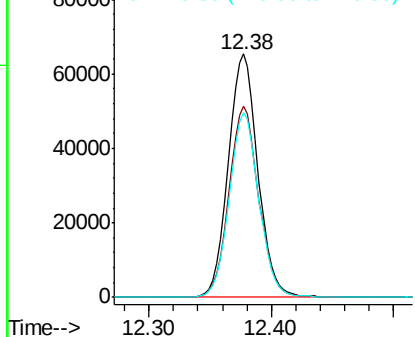
#62
4-Bromofluorobenzene
Concen: 47.748 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062007.D
Acq: 22 Jun 2020 18:19

Instrument :
MSVOA_N
ClientSampleId :
RE103D1-20200616

Tot Ion: 95 Resp: 110814
Ion Ratio Lower Upper
95 100
174 78.9 0.0 158.6
176 75.9 0.0 152.0

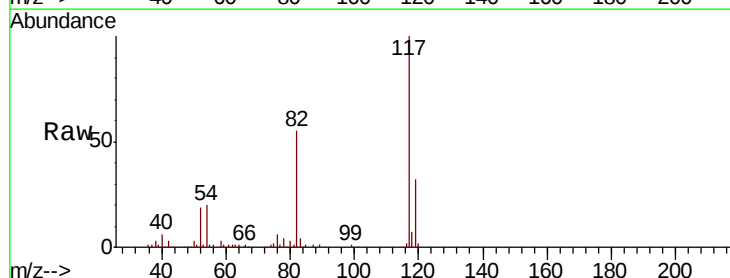


Abundance Ion 94.90 (94.60 to 95.60): VN061834.D (-3284) (-)
Ion 173.80 (173.50 to 174.50): VN061834.D (-3284) (-)
Ion 175.80 (175.50 to 176.50): VN061834.D (-3284) (-)

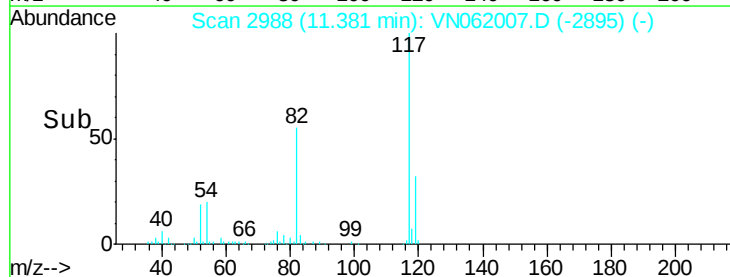
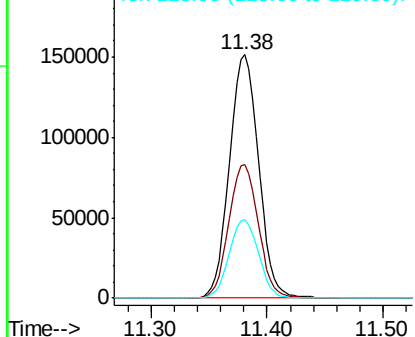


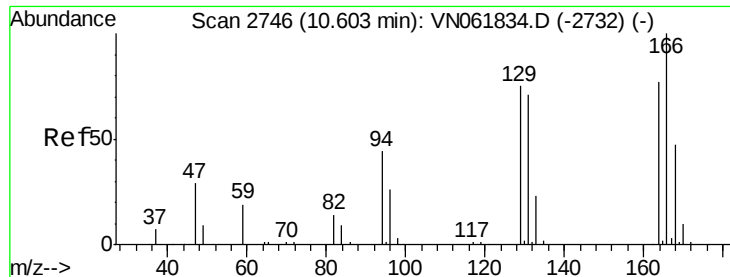
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062007.D
Acq: 22 Jun 2020 18:19

Tgt Ion: 117 Resp: 263144
Ion Ratio Lower Upper
117 100
82 55.0 42.6 64.0
119 32.3 24.7 37.1



Abundance Ion 116.90 (116.60 to 117.60): VN061834.D (-2973) (-)
Ion 82.00 (81.70 to 82.70): VN061834.D (-2973) (-)
Ion 118.90 (118.60 to 119.60): VN061834.D (-2973) (-)

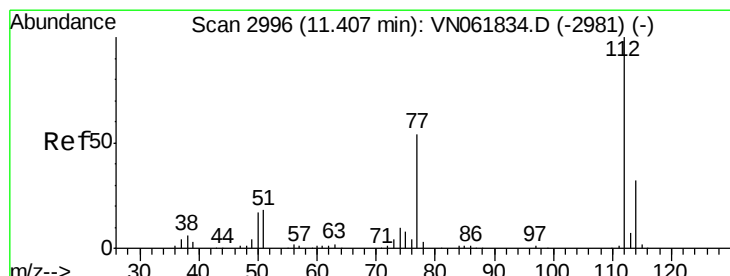
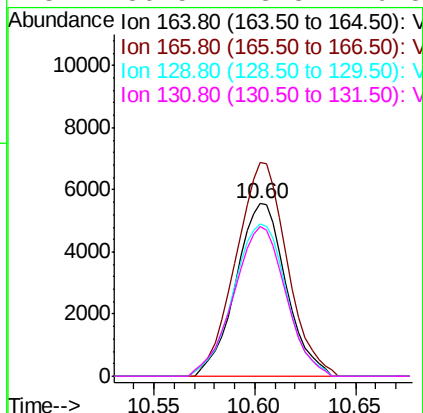
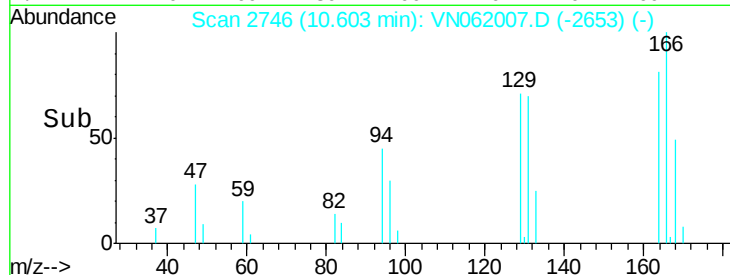
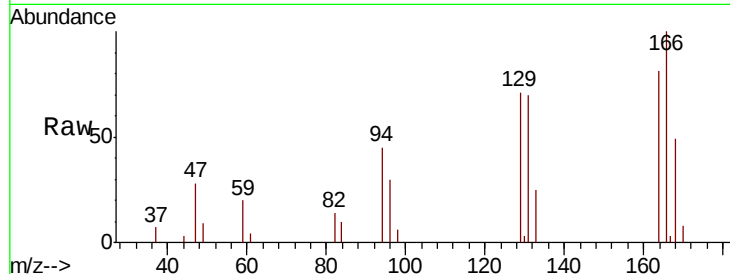




#64
Tetrachloroethene
 Concen: 5.751 ug/l
 RT: 10.60 min Scan# 2746
 Delta R.T. -0.00 min
 Lab File: VN062007.D
 Acq: 22 Jun 2020 18:19

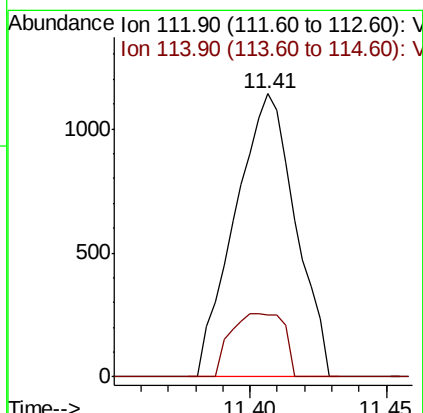
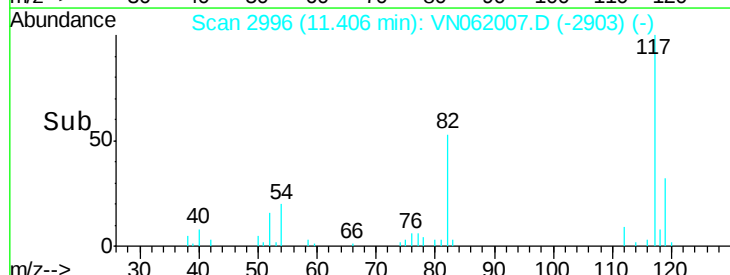
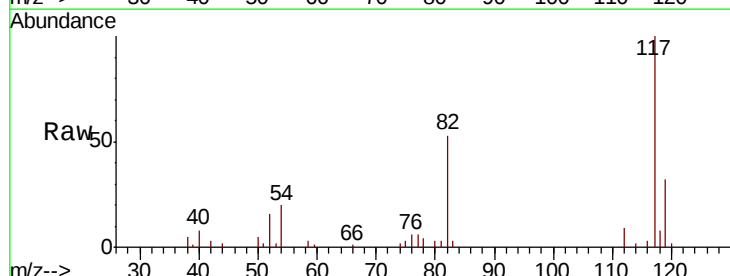
Instrument :
 MSVOA_N
 ClientSampleId :
 RE103D1-20200616

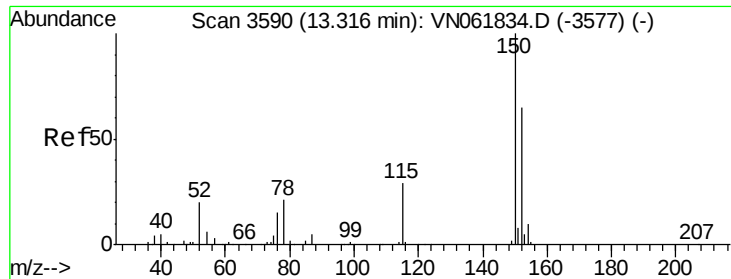
Tot Ion:	164	Resp:	9645
Ion	Ratio	Lower	Upper
164	100		
166	123.8	103.5	155.3
129	88.0	77.5	116.3
131	86.5	73.8	110.8



#65
Chlorobenzene
 Concen: 0.316 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. -0.00 min
 Lab File: VN062007.D
 Acq: 22 Jun 2020 18:19

Tgt Ion:	112	Resp:	1753
Ion	Ratio	Lower	Upper
112	100		
114	22.1	25.8	38.6#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062007.D

Acq: 22 Jun 2020 18:19

Instrument :

MSVOA_N

ClientSampleId :

RE103D1-20200616

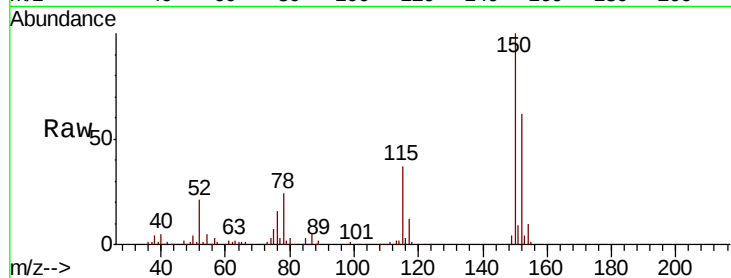
Tot Ion:152 Resp: 97305

Ion Ratio Lower Upper

152 100

115 59.0 29.1 87.3

150 157.7 0.0 347.6



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

