

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112420\
 Data File : VN064829.D
 Acq On : 24 Nov 2020 23:29
 Operator : JC/MD
 Sample : L4798-02DL 50X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 15BR-20201118DL

Quant Time: Nov 25 06:20:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	170634	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	303486	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	312269	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	139185	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	104105	52.48	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	104.96%
35) Dibromofluoromethane	7.55	113	96367	53.07	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	106.14%
50) Toluene-d8	10.06	98	376617	50.76	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.52%
62) 4-Bromofluorobenzene	12.37	95	146090	55.02	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	110.04%

Target Compounds

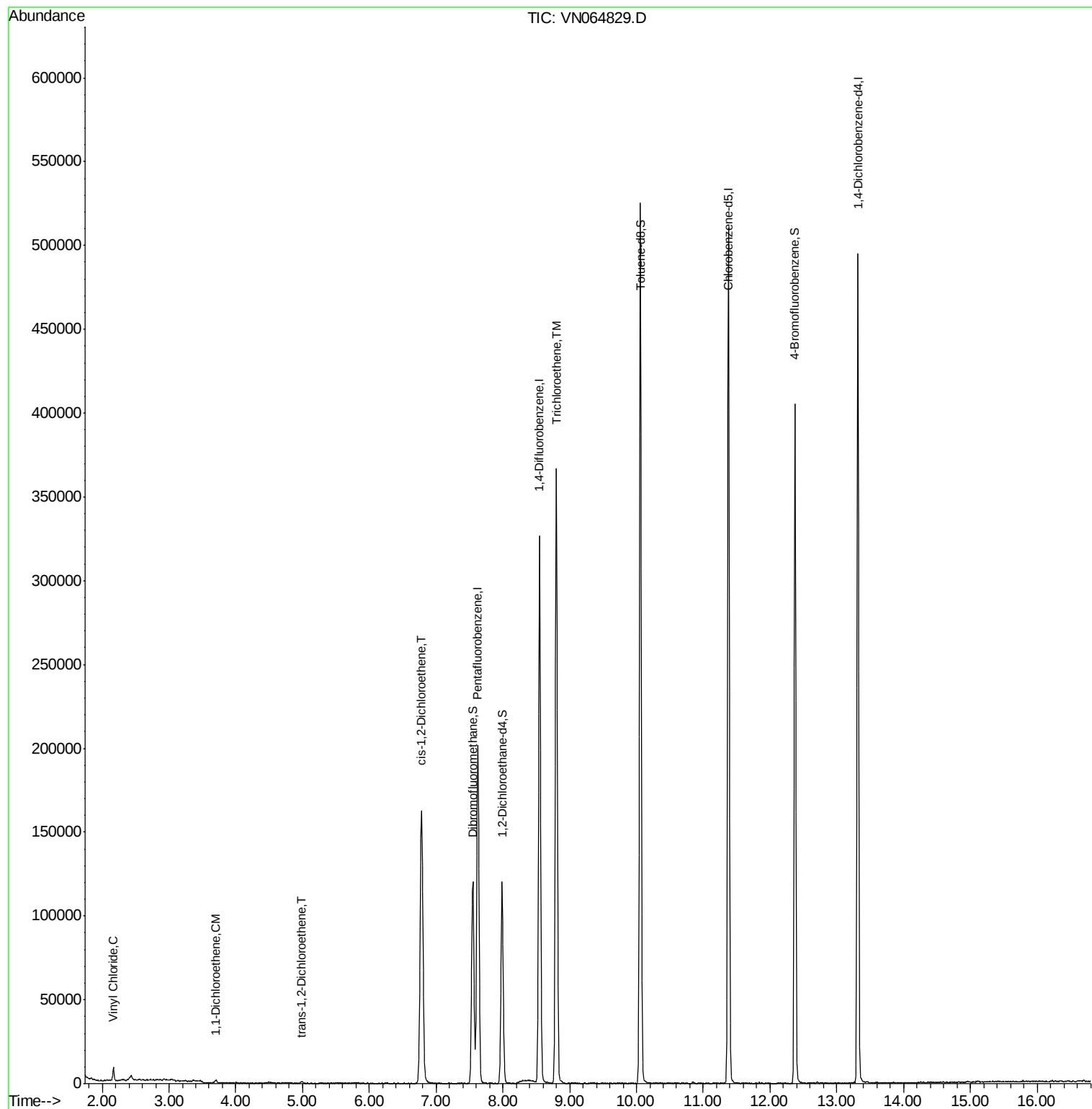
					Qvalue	
4) Vinyl Chloride	2.17	62	7162	3.575	ug/l	99
12) 1,1-Dichloroethene	3.70	96	682	0.412	ug/l #	76
21) trans-1,2-Dichloroethene	4.99	96	809	0.440	ug/l #	77
27) cis-1,2-Dichloroethene	6.78	96	112336	54.331	ug/l	90
44) Trichloroethene	8.80	130	141278	55.548	ug/l	99

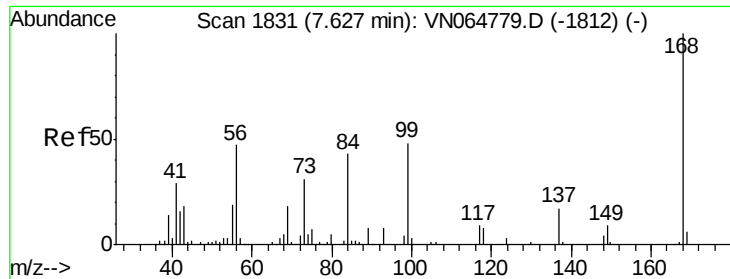
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Nov 23 13:54:12 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064829.D

Acq: 24 Nov 2020 23:29

Instrument :

MSVOA_N

ClientSampleId :

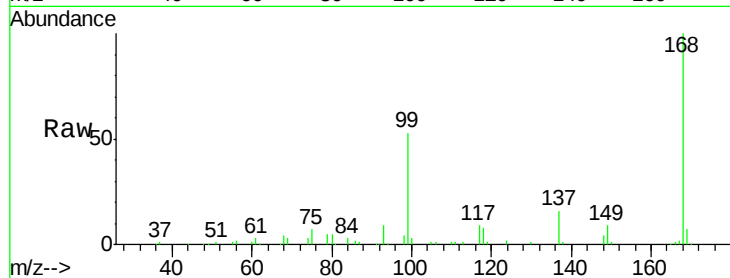
15BR-20201118DL

Tot Ion:168 Resp: 170634

Ion Ratio Lower Upper

168 100

99 53.5 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

80000

60000

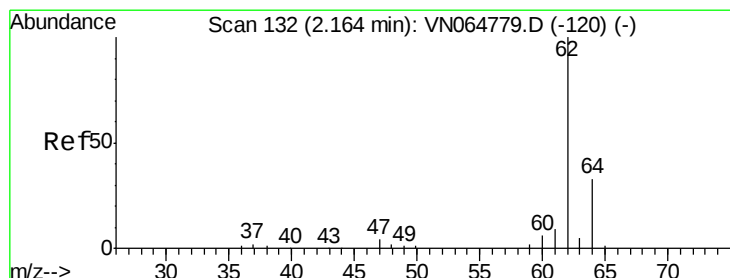
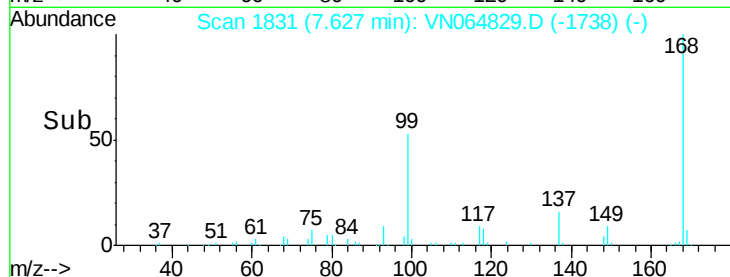
40000

20000

0

Time-->

7.55 7.60 7.65 7.70



#4

Vinyl Chloride

Concen: 3.575 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN064829.D

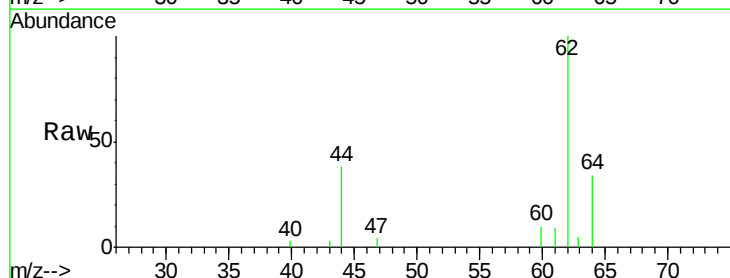
Acq: 24 Nov 2020 23:29

Tgt Ion: 62 Resp: 7162

Ion Ratio Lower Upper

62 100

64 33.7 26.5 39.7



Abundance Ion 61.90 (61.60 to 62.60): VN

Ion 63.90 (63.60 to 64.60): VN

2.17

5000

4000

3000

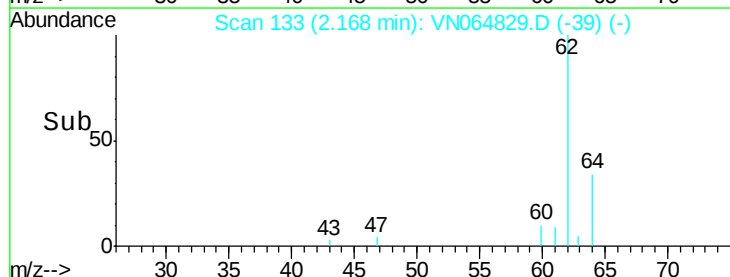
2000

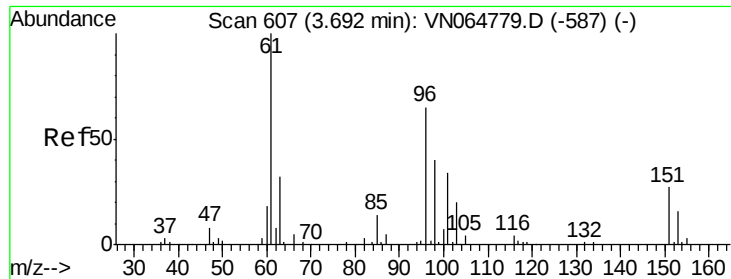
1000

0

Time-->

2.15 2.20





#12

1,1-Dichloroethene

Concen: 0.412 ug/l

RT: 3.70 min Scan# 610

Delta R.T. 0.01 min

Lab File: VN064829.D

Acq: 24 Nov 2020 23:29

Instrument :

MSVOA_N

ClientSampleId :

15BR-20201118DL

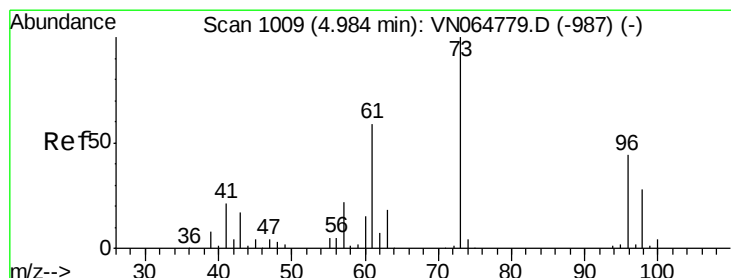
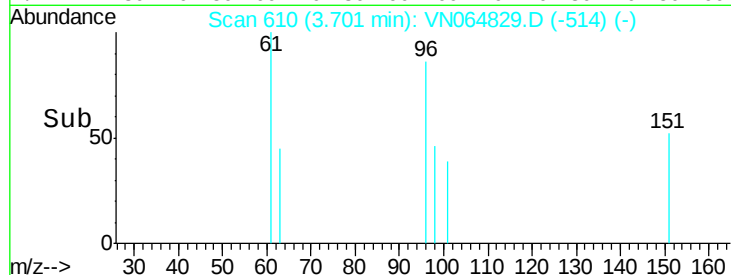
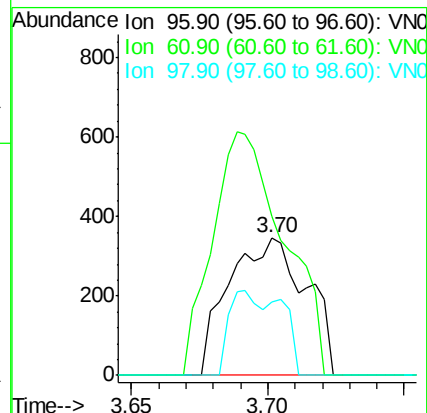
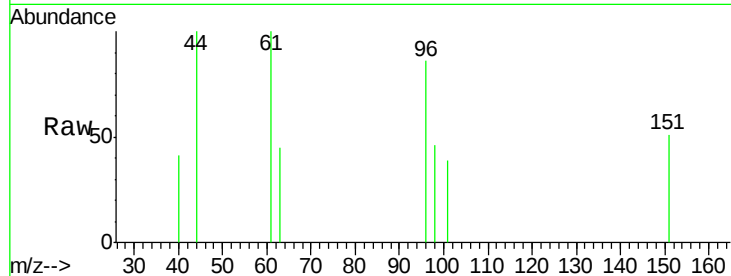
Tot Ion: 96 Resp: 682

Ion Ratio Lower Upper

96 100

61 115.9 123.4 185.2#

98 53.8 49.8 74.8



#21

trans-1,2-Dichloroethene

Concen: 0.440 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. 0.00 min

Lab File: VN064829.D

Acq: 24 Nov 2020 23:29

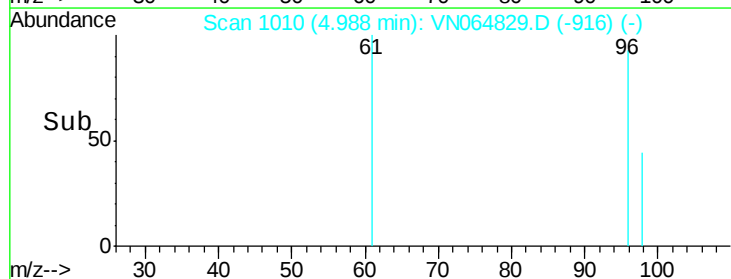
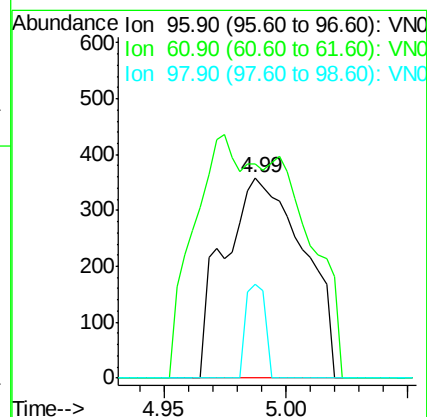
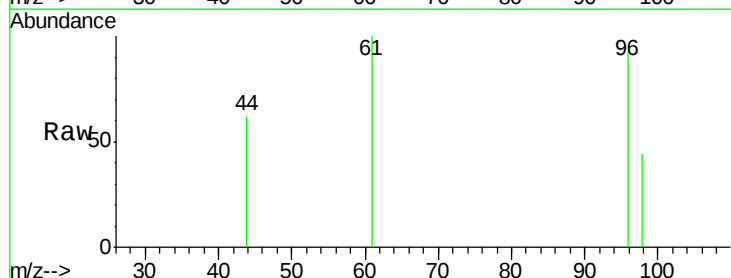
Tgt Ion: 96 Resp: 809

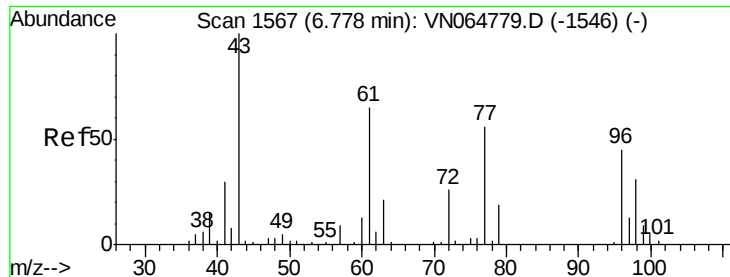
Ion Ratio Lower Upper

96 100

61 107.0 108.4 162.6#

98 46.8 51.3 76.9#





#27

cis-1,2-Dichloroethene

Concen: 54.331 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064829.D

Acq: 24 Nov 2020 23:29

Instrument :

MSVOA_N

ClientSampleId :

15BR-20201118DL

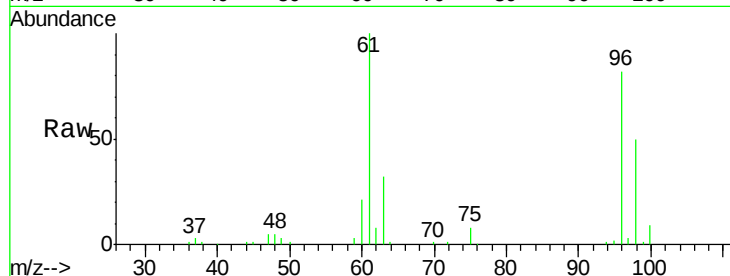
Tot Ion: 96 Resp: 112336

Ion Ratio Lower Upper

96 100

61 125.4 0.0 285.8

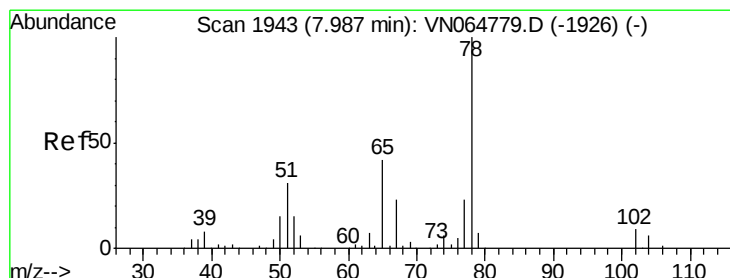
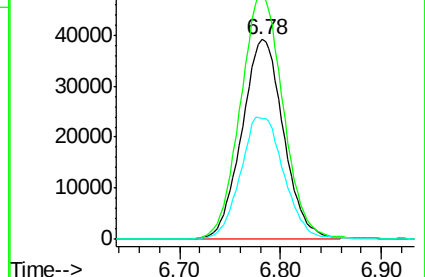
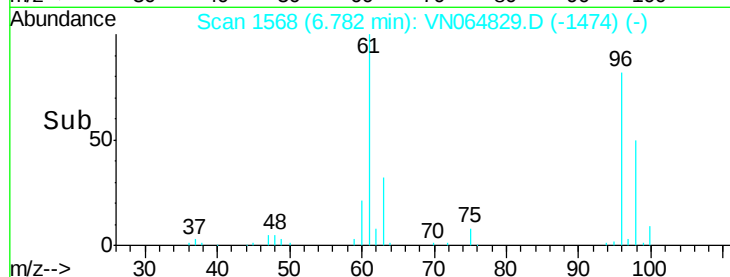
98 63.9 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VN064829.D (-1474) (-)

Ion 60.90 (60.60 to 61.60): VN064829.D (-1474) (-)

Ion 97.90 (97.60 to 98.60): VN064829.D (-1474) (-)



#33

1,2-Dichloroethane-d4

Concen: 52.479 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064829.D

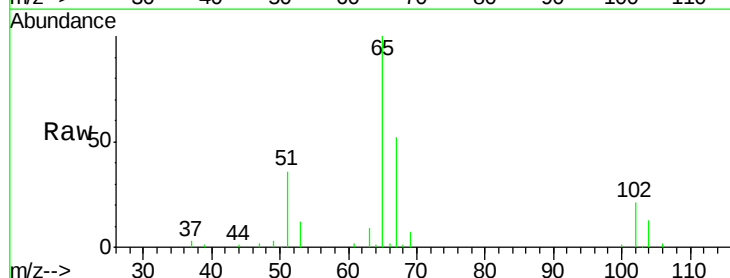
Acq: 24 Nov 2020 23:29

Tgt Ion: 65 Resp: 104105

Ion Ratio Lower Upper

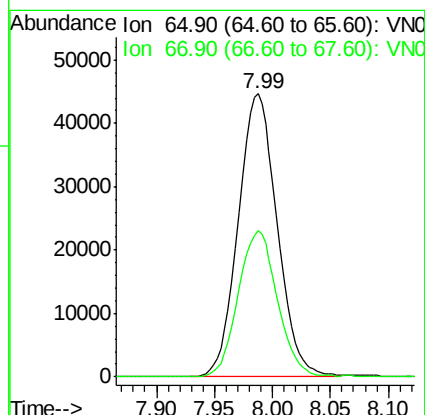
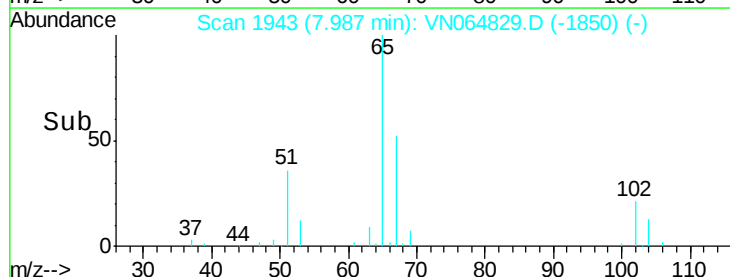
65 100

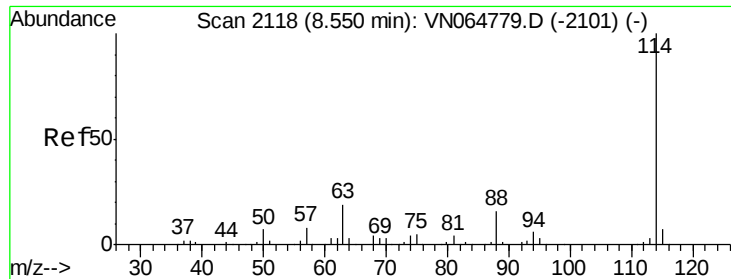
67 51.9 0.0 108.2



Abundance Ion 64.90 (64.60 to 65.60): VN064829.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN064829.D (-1850) (-)

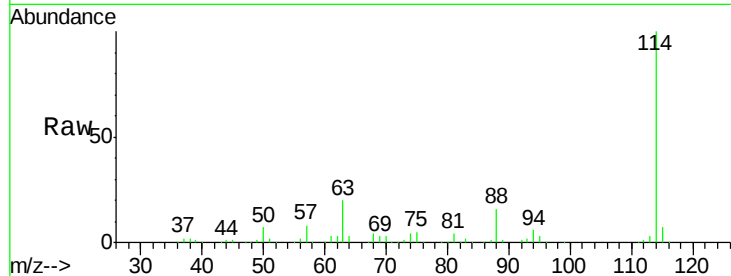




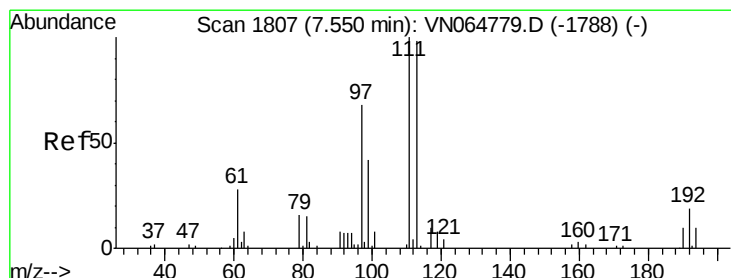
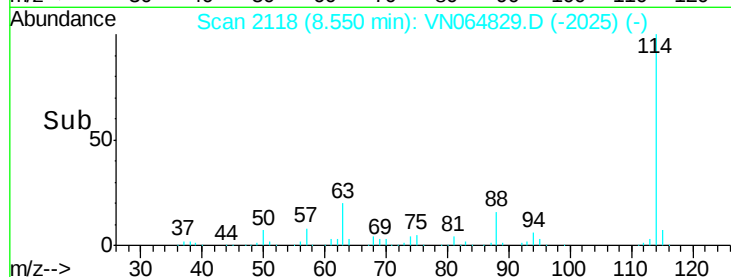
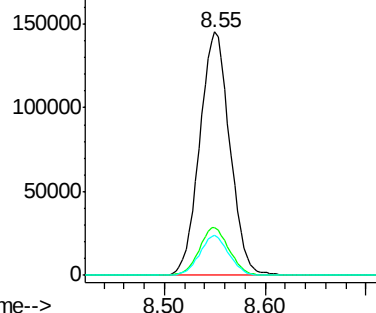
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN064829.D
Acq: 24 Nov 2020 23:29

Instrument :
MSVOA_N
ClientSampleId :
15BR-20201118DL

Tot Ion:	114	Resp:	303486
Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	38.6
88	16.3	0.0	32.6

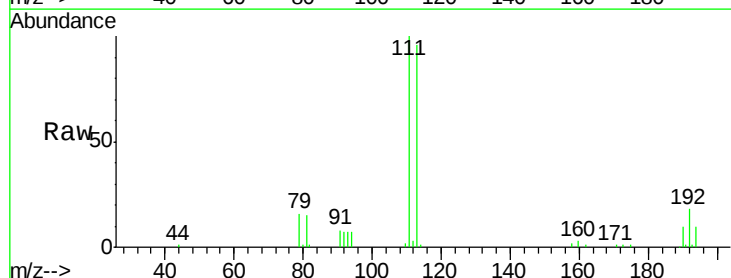


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

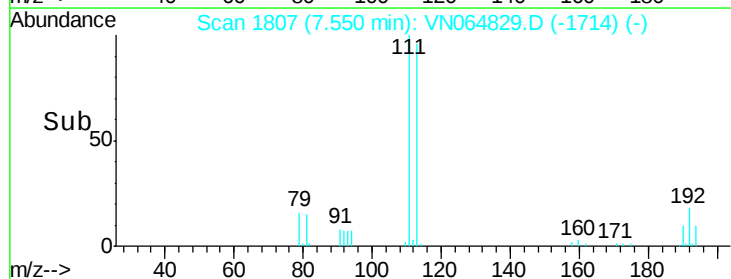
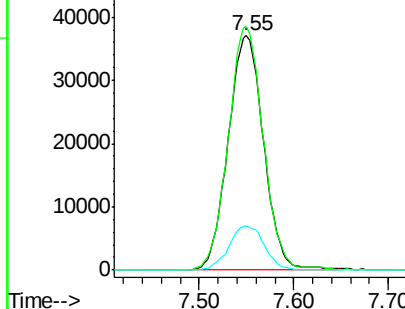


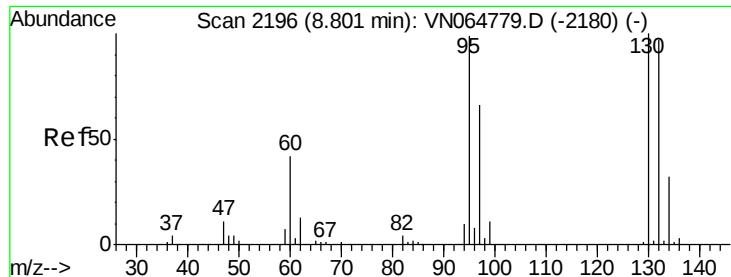
#35
Dibromofluoromethane
Concen: 53.067 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064829.D
Acq: 24 Nov 2020 23:29

Tgt Ion:	113	Resp:	96367
Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.6	122.4
192	18.8	16.2	24.2



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: 55.548 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN064829.D

Acq: 24 Nov 2020 23:29

Instrument :

MSVOA_N

ClientSampleId :

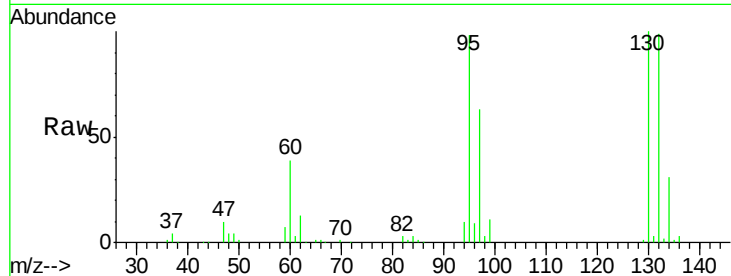
15BR-20201118DL

Tot Ion:130 Resp: 141278

Ion Ratio Lower Upper

130 100

95 97.6 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN

8.80

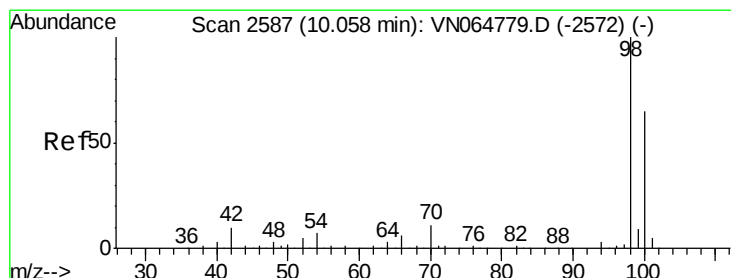
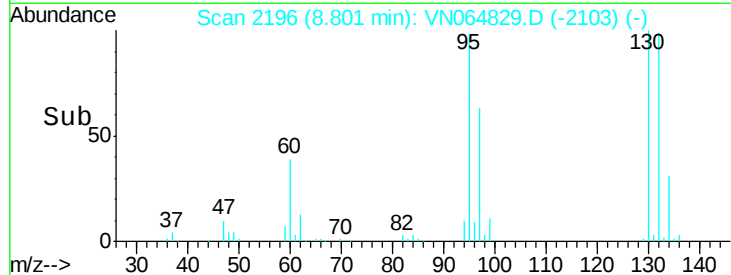
60000

40000

20000

0

Time-->



#50

Toluene-d8

Concen: 50.758 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064829.D

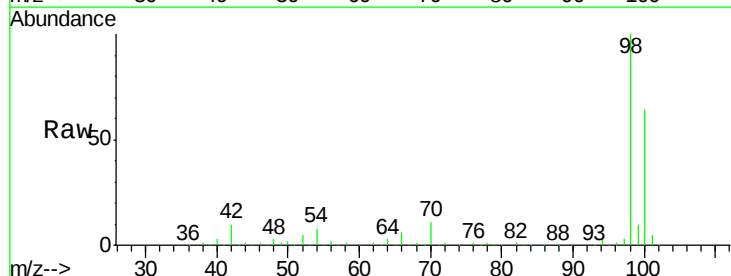
Acq: 24 Nov 2020 23:29

Tgt Ion: 98 Resp: 376617

Ion Ratio Lower Upper

98 100

100 64.8 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

10.06

200000

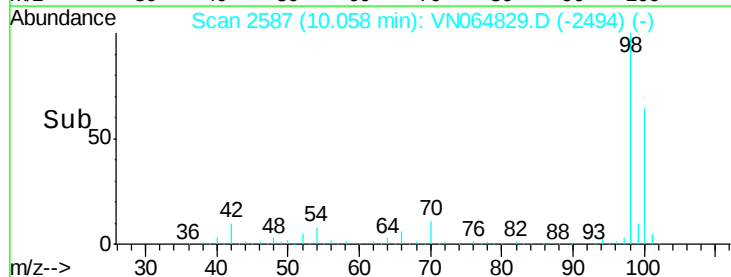
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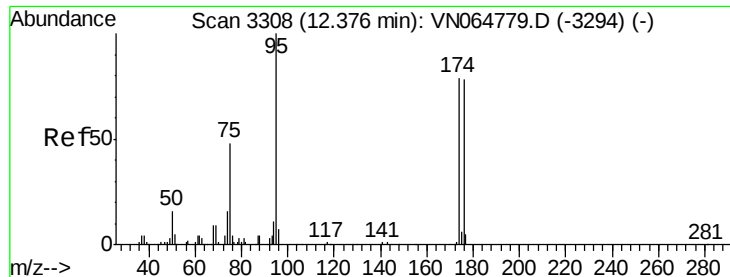
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50000

0

Time-->

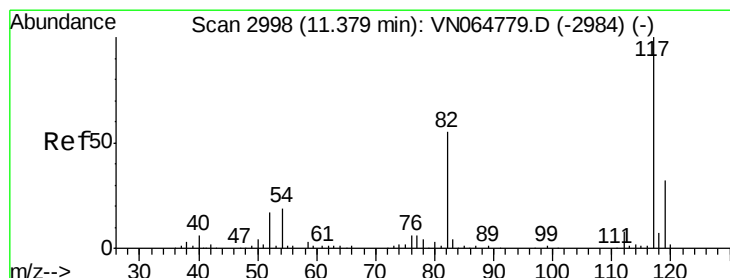
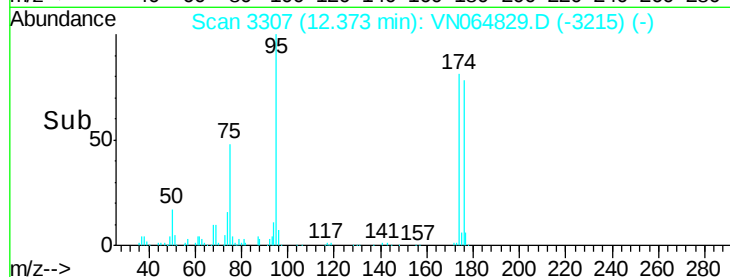
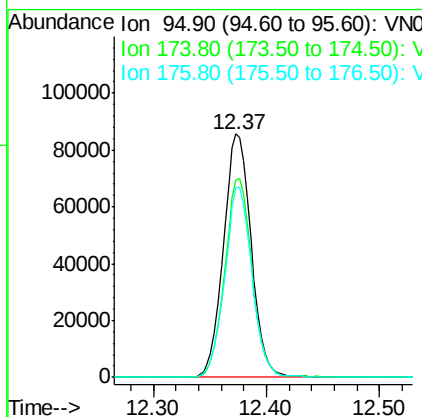
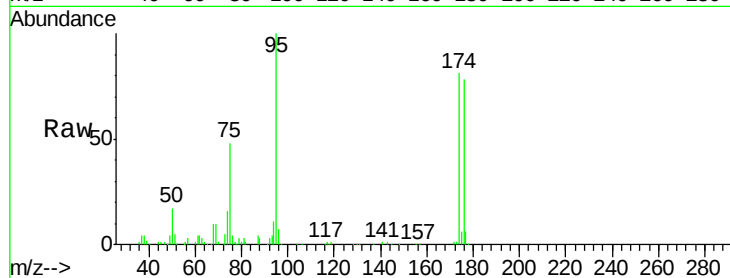




#62
4-Bromofluorobenzene
Concen: 55.016 ug/l
RT: 12.37 min Scan# 3307
Delta R.T. -0.00 min
Lab File: VN064829.D
Acq: 24 Nov 2020 23:29

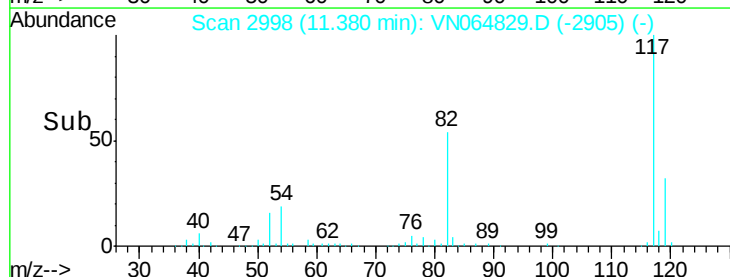
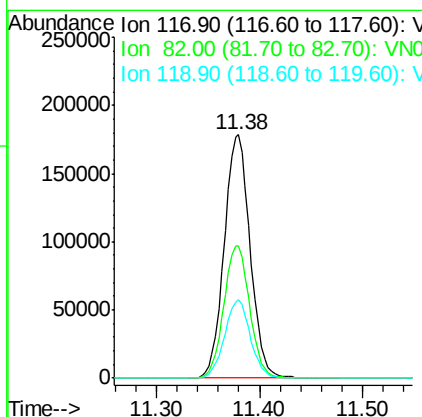
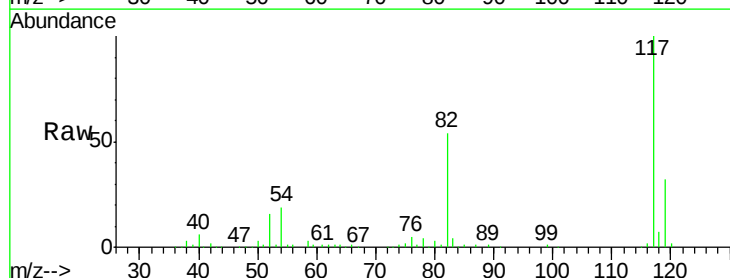
Instrument :
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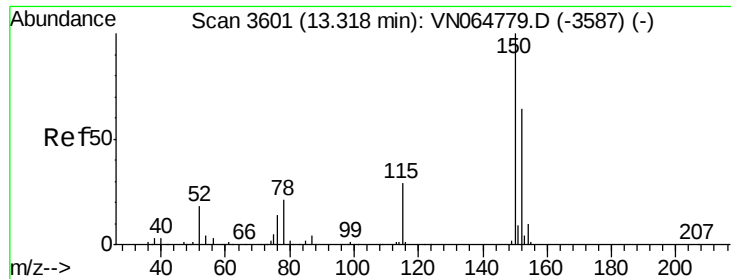
Tot Ion: 95 Resp: 146090
Ion Ratio Lower Upper
95 100
174 80.5 0.0 160.4
176 76.5 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064829.D
Acq: 24 Nov 2020 23:29

Tgt Ion: 117 Resp: 312269
Ion Ratio Lower Upper
117 100
82 54.1 44.2 66.2
119 32.1 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN064829.D

Acq: 24 Nov 2020 23:29

Instrument :

MSVOA_N

ClientSampleId :

15BR-20201118DL

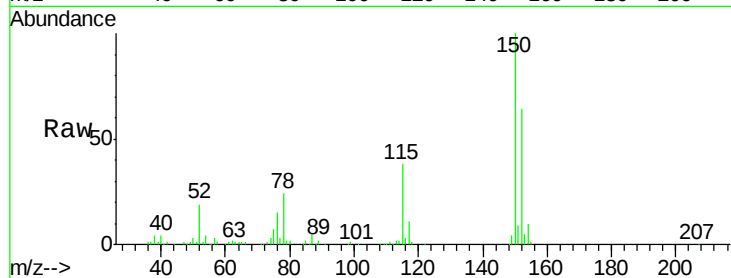
Tot Ion:152 Resp: 139185

Ion Ratio Lower Upper

152 100

115 59.4 29.7 89.1

150 155.9 0.0 350.6



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

